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

Hit Summary Sheet
SW-846

SDG No.: Q3058

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW4**								
Q3058-03	MW4	Water	Chloromethane		24.3		0.32	1.00	ug/L
Q3058-03	MW4	Water	Bromomethane		9.90		1.40	5.00	ug/L
Q3058-03	MW4	Water	Acetone		23.1		1.50	5.00	ug/L
Q3058-03	MW4	Water	Carbon Disulfide		0.76	J	0.21	1.00	ug/L
Q3058-03	MW4	Water	Chloroform		3.00		0.25	1.00	ug/L
Q3058-03	MW4	Water	Benzene		0.79	J	0.15	1.00	ug/L
Q3058-03	MW4	Water	Bromodichloromethane		0.37	J	0.22	1.00	ug/L
Q3058-03	MW4	Water	Toluene		1.10		0.14	1.00	ug/L
Q3058-03	MW4	Water	Ethyl Benzene		0.82	J	0.13	1.00	ug/L
Q3058-03	MW4	Water	m/p-Xylenes		0.99	J	0.24	2.00	ug/L
Q3058-03	MW4	Water	o-Xylene		1.10		0.12	1.00	ug/L
			Total Voc :		66.2				
Q3058-03	MW4	Water	Naphthalene	*	1.20	J	0.20	1.00	ug/L
Q3058-03	MW4	Water	Methyl Iodide	*	14.6	J	0.83	5.00	ug/L
			Total Tics :		15.8				
			Total Concentration:		82.0				

SAMPLE DATA

Raw Data: **VN087782.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:	09/09/25
Project:	Buffington	Date Received:	09/09/25
Client Sample ID:	MW4	SDG No.:	Q3058
Lab Sample ID:	Q3058-03	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
VN087782.D	1	09/10/25 15:47	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	24.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	9.90		1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	23.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.76	J	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	3.00		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.79	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.37	J	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VN087782.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/09/25
Project:	Buffington	Date Received:	09/09/25
Client Sample ID:	MW4	SDG No.:	Q3058
Lab Sample ID:	Q3058-03	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
VN087782.D	1	09/10/25 15:47	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	1.10		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
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.82	J	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.99	J	0.24	2.00	ug/L
95-47-6	o-Xylene	1.10		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	46.8		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	197000	8.206			
540-36-3	1,4-Difluorobenzene	454000	9.082			
3114-55-4	Chlorobenzene-d5	435000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	206000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087782.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/09/25
Project:	Buffington	Date Received:	09/09/25
Client Sample ID:	MW4	SDG No.:	Q3058
Lab Sample ID:	Q3058-03	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
VN087782.D	1	09/10/25 15:47	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
74-88-4	Methyl Iodide	14.6	J		4.58	ug/L
91-20-3	Naphthalene	1.20	J		15.6	ug/L

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

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

QC SUMMARY

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

SDG No.: Q3058

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3058-03	MW4	1,2-Dichloroethane-d4	50	51.6	103		70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101		70 (75)	130 (124)
		Toluene-d8	50	46.8	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.1	94		70 (77)	130 (121)
VN0910WBL01	VN0910WBL01	1,2-Dichloroethane-d4	50	55.0	110		70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104		70 (75)	130 (124)
		Toluene-d8	50	47.9	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.2	88		70 (77)	130 (121)
VN0910WBS01	VN0910WBS01	1,2-Dichloroethane-d4	50	46.3	93		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	46.1	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.1	94		70 (77)	130 (121)
VN0910WBSD0	VN0910WBSD01	1,2-Dichloroethane-d4	50	45.1	90		70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99		70 (75)	130 (124)
		Toluene-d8	50	48.0	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.0	94		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0910WBS01	Dichlorodifluoromethane	20	19.0	ug/L	95			40 (69)	160 (116)	
	Chloromethane	20	19.9	ug/L	100			40 (65)	160 (116)	
	Vinyl chloride	20	19.7	ug/L	99			70 (65)	130 (117)	
	Bromomethane	20	21.0	ug/L	105			40 (58)	160 (125)	
	Chloroethane	20	19.4	ug/L	97			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.2	ug/L	101			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.5	ug/L	98			70 (74)	130 (110)	
	Acetone	100	97.1	ug/L	97			40 (60)	160 (125)	
	Carbon disulfide	20	17.6	ug/L	88			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.7	ug/L	99			70 (78)	130 (114)	
	Methyl Acetate	20	23.8	ug/L	119			70 (67)	130 (125)	
	Methylene Chloride	20	20.0	ug/L	100			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.0	ug/L	95			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.3	ug/L	102			70 (78)	130 (112)	
	Cyclohexane	20	17.9	ug/L	90			70 (75)	130 (110)	
	2-Butanone	100	97.4	ug/L	97			40 (65)	160 (122)	
	Carbon Tetrachloride	20	20.5	ug/L	103			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.8	ug/L	99			70 (77)	130 (110)	
	Bromochloromethane	20	18.5	ug/L	93			70 (70)	130 (124)	
	Chloroform	20	20.8	ug/L	104			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			70 (80)	130 (108)	
	Methylcyclohexane	20	17.5	ug/L	88			70 (72)	130 (115)	
	Benzene	20	19.8	ug/L	99			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.2	ug/L	101			70 (80)	130 (115)	
	Trichloroethene	20	20.0	ug/L	100			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Dibromomethane	20	20.9	ug/L	104			70 (82)	130 (110)	
	Bromodichloromethane	20	21.2	ug/L	106			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.1	ug/L	101			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.6	ug/L	108			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	1,2-Dibromoethane	20	20.9	ug/L	104			70 (81)	130 (110)	
	Tetrachloroethene	20	19.4	ug/L	97			70 (67)	130 (123)	
	Chlorobenzene	20	20.3	ug/L	102			70 (82)	130 (109)	
	Ethyl Benzene	20	20.1	ug/L	101			70 (83)	130 (109)	
	m/p-Xylenes	40	40.3	ug/L	101			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	21.1	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	23.2	ug/L	116			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.1	ug/L	101			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0910WBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/L	98			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087778.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0910WBSD01	Dichlorodifluoromethane	20	19.5	ug/L	98	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	20.1	ug/L	101	1		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	18.9	ug/L	95	4		70 (65)	130 (117)	20 (19)
	Bromomethane	20	21.3	ug/L	106	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.7	ug/L	94	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	20.8	ug/L	104	3		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.9	ug/L	100	2		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.2	ug/L	96	2		70 (74)	130 (110)	20 (20)
	Acetone	100	93.6	ug/L	94	3		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.0	ug/L	85	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.2	ug/L	96	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	23.7	ug/L	119	0		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.0	ug/L	95	5		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.4	ug/L	92	3		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.0	ug/L	95	7		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.0	ug/L	90	0		70 (75)	130 (110)	20 (20)
	2-Butanone	100	96.7	ug/L	97	0		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	21.5	ug/L	108	5		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.8	ug/L	89	4		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.3	ug/L	102	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.8	ug/L	99	2		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.0	ug/L	95	8		70 (72)	130 (115)	20 (20)
	Benzene	20	20.4	ug/L	102	3		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.6	ug/L	103	2		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.4	ug/L	102	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.9	ug/L	100	0		70 (83)	130 (111)	20 (16)
	Dibromomethane	20	21.2	ug/L	106	2		70 (82)	130 (110)	20 (20)
	Bromodichloromethane	20	21.5	ug/L	108	2		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (25)
	Toluene	20	20.4	ug/L	102	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	21.3	ug/L	106	2		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.0	ug/L	105	3		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	22.1	ug/L	111	3		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (25)
	1,2-Dibromoethane	20	21.7	ug/L	109	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.8	ug/L	99	2		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.6	ug/L	103	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	20.2	ug/L	101	0		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	42.0	ug/L	105	4		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.6	ug/L	98	3		70 (83)	130 (109)	20 (20)
	Styrene	20	21.0	ug/L	105	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	22.7	ug/L	114	2		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.2	ug/L	96	3		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	21.3	ug/L	106	5		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.7	ug/L	99	2		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.8	ug/L	99	0		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	20.2	ug/L	101	1		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087778.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0910WBSD01	1,2-Dibromo-3-Chloropropane	20	20.2	ug/L	101	3		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.7	ug/L	99	3		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.8	ug/L	99	1		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0910WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3058

Lab File ID: VN087776.D Lab Sample ID: VN0910WBL01

Date Analyzed: 09/10/2025 Time Analyzed: 12:46

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
VN0910WBS01	VN0910WBS01	VN087777.D	09/10/2025
VN0910WBSD01	VN0910WBSD01	VN087778.D	09/10/2025
MW4	Q3058-03	VN087782.D	09/10/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3058

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.: Q3058

Lab File ID: VN087773.D | BFB Injection Date: 09/10/2025

Instrument ID: MSVOA_N | BFB Injection Time: 11:13

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22
75	30.0 - 60.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	72.4
175	5.0 - 9.0% of mass 174	5.9 (8.1) 1
176	95.0 - 101.0% of mass 174	69.2 (95.5) 1
177	5.0 - 9.0% of mass 176	4.9 (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
VSTDCCC050	VSTDCCC050	VN087774.D	09/10/2025	11:47
VN0910WBL01	VN0910WBL01	VN087776.D	09/10/2025	12:46
VN0910WBS01	VN0910WBS01	VN087777.D	09/10/2025	13:29
VN0910WBSD01	VN0910WBSD01	VN087778.D	09/10/2025	13:50
MW4	Q3058-03	VN087782.D	09/10/2025	15:47

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3058

Lab File ID: VN087774.D Date Analyzed: 09/10/2025

Instrument ID: MSVOA_N Time Analyzed: 11:47

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	241352	8.21	467783	9.08	458675	11.84
UPPER LIMIT	482704	8.706	935566	9.582	917350	12.341
LOWER LIMIT	120676	7.706	233892	8.582	229338	11.341
EPA SAMPLE NO.						
MW4	196528	8.21	453885	9.08	434796	11.84
VN0910WBL01	177881	8.21	413161	9.08	392580	11.84
VN0910WBS01	247948	8.21	481179	9.08	443678	11.85
VN0910WBSD01	258583	8.21	480224	9.08	451507	11.84

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.: Q3058

Lab File ID: VN087774.D Date Analyzed: 09/10/2025

Instrument ID: MSVOA_N Time Analyzed: 11:47

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

	IS4 AREA #	RT #				
12 HOUR STD	238791	13.77				
UPPER LIMIT	477582	14.27				
LOWER LIMIT	119396	13.27				
EPA SAMPLE NO.						
MW4	206220	13.77				
VN0910WBL01	179388	13.77				
VN0910WBS01	236791	13.77				
VN0910WBSD01	236702	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: **VN087776.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VN0910WBL01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBL01	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
VN087776.D	1	09/10/25 12:46	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	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

Raw Data: **VN087776.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buffington		Date Received:		
Client Sample ID:	VN0910WBL01		SDG No.:	Q3058	
Lab Sample ID:	VN0910WBL01		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
VN087776.D	1	09/10/25 12:46	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		70 (77) - 130 (121)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	178000	8.206			
540-36-3	1,4-Difluorobenzene	413000	9.082			
3114-55-4	Chlorobenzene-d5	393000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	179000	13.77			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VN0910WBL01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBL01	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
VN087776.D	1	09/10/25 12:46	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VN0910WBS01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBS01	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
VN087777.D	1	09/10/25 13:29	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	19.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.7		0.26	1.00	ug/L
74-83-9	Bromomethane	21.0		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.5		0.23	1.00	ug/L
67-64-1	Acetone	97.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.9		1.50	5.00	ug/L
78-93-3	2-Butanone	97.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	18.5		0.22	1.00	ug/L
67-66-3	Chloroform	20.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.5		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.9		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L

Raw Data: **VN087777.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buffington		Date Received:		
Client Sample ID:	VN0910WBS01		SDG No.:	Q3058	
Lab Sample ID:	VN0910WBS01		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
VN087777.D	1	09/10/25 13:29	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	21.1		0.15	1.00	ug/L
75-25-2	Bromoform	23.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.1		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.3		70 (74) - 130 (125)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	46.1		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	248000	8.206			
540-36-3	1,4-Difluorobenzene	481000	9.083			
3114-55-4	Chlorobenzene-d5	444000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.77			

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:	Buffington	Date Received:	
Client Sample ID:	VN0910WBS01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBS01	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
VN087777.D	1	09/10/25 13:29	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VN0910WBSD01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBSD01	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
VN087778.D	1	09/10/25 13:50	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.5		0.22	1.00	ug/L
74-87-3	Chloromethane	20.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	21.3		1.40	5.00	ug/L
75-00-3	Chloroethane	18.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	93.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.0		1.50	5.00	ug/L
78-93-3	2-Butanone	96.7		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.8		0.22	1.00	ug/L
67-66-3	Chloroform	20.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.16	1.00	ug/L
71-43-2	Benzene	20.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	21.2		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.5		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L

Raw Data: **VN087778.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VN0910WBSD01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBSD01	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
VN087778.D	1	09/10/25 13:50	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.4		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
106-93-4	1,2-Dibromoethane	21.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	42.0		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	21.0		0.15	1.00	ug/L
75-25-2	Bromoform	22.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.1		70 (74) - 130 (125)	90%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	259000	8.206			
540-36-3	1,4-Difluorobenzene	480000	9.083			
3114-55-4	Chlorobenzene-d5	452000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.771			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VN0910WBSD01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBSD01	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
VN087778.D	1	09/10/25 13:50	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

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

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3058

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

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

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

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

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Dibromomethane	0.351	0.294	0.327	0.318	0.310	0.312	0.319	6.1
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3058

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

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

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

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

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

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3058
Instrument ID: MSVOA_N
Calibration Date/Time: 09/10/2025 11:47
Lab File ID: VN087774.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.610		-14.09	20
Chloromethane	0.730	0.651	0.1	-10.82	20
Vinyl Chloride	0.846	0.733		-13.36	20
Bromomethane	0.437	0.399		-8.7	20
Chloroethane	0.595	0.515		-13.44	20
Trichlorofluoromethane	1.240	1.154		-6.93	20
1,1,2-Trichlorotrifluoroethane	0.701	0.632		-9.84	20
1,1-Dichloroethene	0.721	0.641		-11.1	20
Acetone	0.558	0.461		-17.38	20
Carbon Disulfide	1.985	1.593		-19.75	20
Methyl tert-butyl Ether	2.704	2.578		-4.66	20
Methyl Acetate	1.168	1.280		9.59	20
Methylene Chloride	0.948	0.752		-20.67	20
trans-1,2-Dichloroethene	0.781	0.691		-11.52	20
1,1-Dichloroethane	1.546	1.426	0.1	-7.76	20
Cyclohexane	1.289	1.032		-19.94	20
2-Butanone	0.734	0.668		-8.99	20
Carbon Tetrachloride	0.547	0.536		-2.01	20
cis-1,2-Dichloroethene	0.934	0.870		-6.85	20
Bromochloromethane	0.747	0.716		-4.15	20
Chloroform	1.578	1.527		-3.23	20
1,1,1-Trichloroethane	1.337	1.246		-6.81	20
Methylcyclohexane	0.610	0.519		-14.92	20
Benzene	1.699	1.610		-5.24	20
1,2-Dichloroethane	0.653	0.618		-5.36	20
Trichloroethene	0.388	0.359		-7.47	20
1,2-Dichloropropane	0.448	0.419		-6.47	20
Dibromomethane	0.319	0.315		-1.25	20
Bromodichloromethane	0.653	0.651		-0.31	20
4-Methyl-2-Pentanone	0.713	0.712		-0.14	20
Toluene	1.053	1.008		-4.27	20
t-1,3-Dichloropropene	0.676	0.671		-0.74	20
cis-1,3-Dichloropropene	0.702	0.684		-2.56	20
1,1,2-Trichloroethane	0.407	0.420		3.19	20
2-Hexanone	0.451	0.481		6.65	20
1,2-Dibromoethane	0.430	0.430		0	20
Tetrachloroethene	0.347	0.301		-13.26	20
Chlorobenzene	1.244	1.159	0.3	-6.83	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.: Q3058

Instrument ID: MSVOA_N Calibration Date/Time: 09/10/2025 11:47

Lab File ID: VN087774.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
Ethyl Benzene	2.154	1.995		-7.38	20
m/p-Xylenes	0.790	0.761		-3.67	20
o-Xylene	0.774	0.730		-5.68	20
Styrene	1.297	1.300		0.23	20
Bromoform	0.317	0.332	0.1	4.73	20
Isopropylbenzene	4.040	3.630		-10.15	20
1,1,2,2-Tetrachloroethane	1.391	1.305	0.3	-6.18	20
1,3-Dichlorobenzene	1.876	1.776		-5.33	20
1,4-Dichlorobenzene	1.952	1.790		-8.3	20
1,2-Dichlorobenzene	1.780	1.690		-5.06	20
1,2-Dibromo-3-Chloropropane	0.330	0.291		-11.82	20
1,2,4-Trichlorobenzene	1.069	1.007		-5.8	20
1,2,3-Trichlorobenzene	1.045	0.990		-5.26	20
1,2-Dichloroethane-d4	1.024	0.986		-3.71	20
Dibromofluoromethane	0.361	0.374		3.6	20
Toluene-d8	1.351	1.346		-0.37	20
4-Bromofluorobenzene	0.481	0.487		1.25	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\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Time: Sep 11 02:05:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

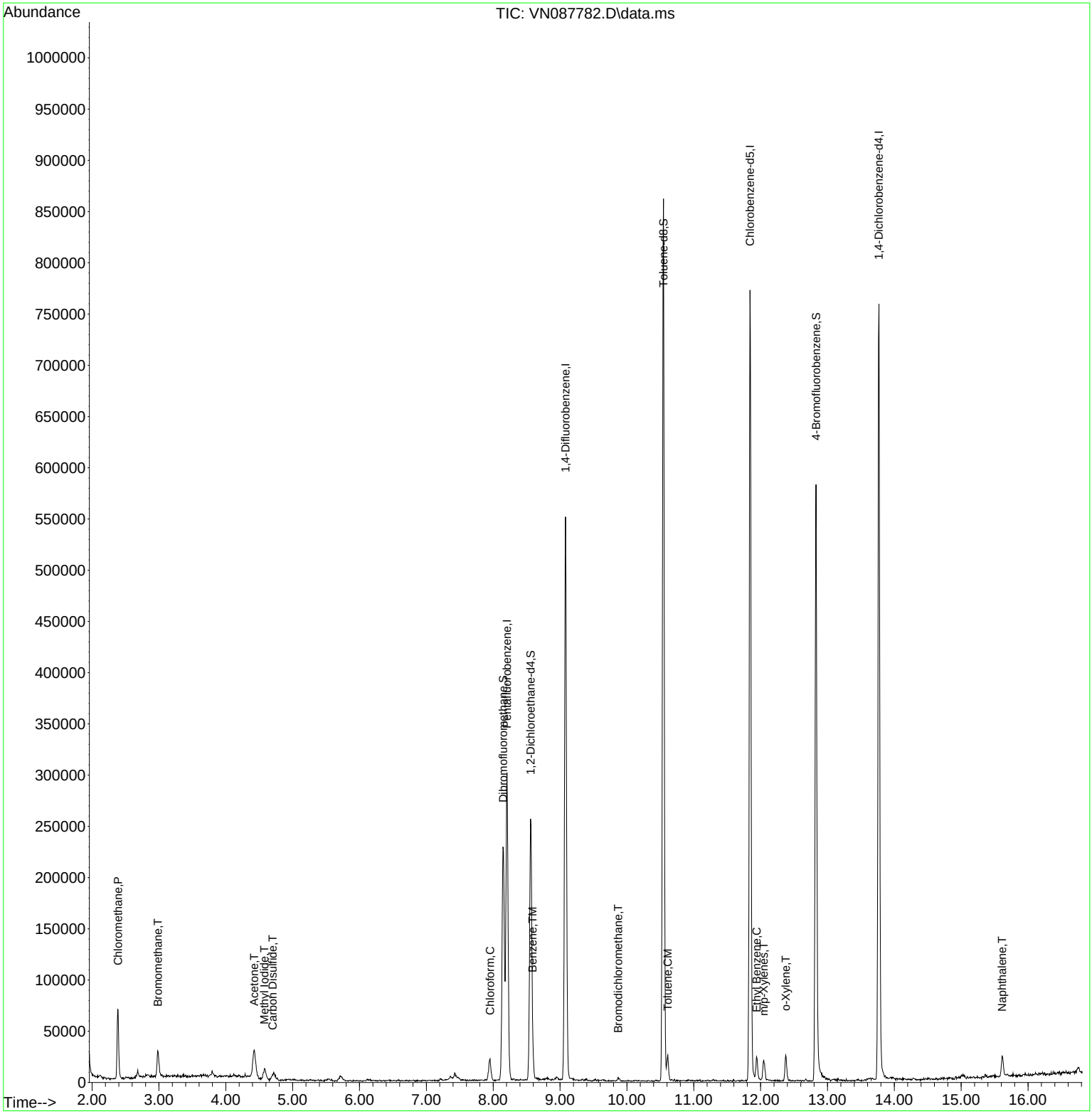
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	196528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	453885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	434796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	207855	51.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.147	113	164718	50.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	10.547	98	573709	46.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.540%			
62) 4-Bromofluorobenzene	12.829	95	205625	47.141	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.280%			
Target Compounds						Qvalue
3) Chloromethane	2.389	50	69637	24.277	ug/l	95
5) Bromomethane	2.983	94	16998	9.905	ug/l	89
10) Methyl Iodide	4.577	142	18472	14.554	ug/l #	96
16) Acetone	4.424	43	50618	23.092	ug/l	97
17) Carbon Disulfide	4.700	76	5929	0.760	ug/l #	88
30) Chloroform	7.953	83	18426	2.971	ug/l	87
40) Benzene	8.588	78	12142	0.787	ug/l	97
47) Bromodichloromethane	9.871	83	2163	0.365	ug/l #	70
52) Toluene	10.612	92	10092	1.056	ug/l	85
67) Ethyl Benzene	11.941	91	15321	0.818	ug/l	95
68) m/p-Xylenes	12.047	106	6766	0.985	ug/l	99
69) o-Xylene	12.376	106	7363	1.094	ug/l	96
95) Naphthalene	15.611	128	18706	1.198	ug/l #	92

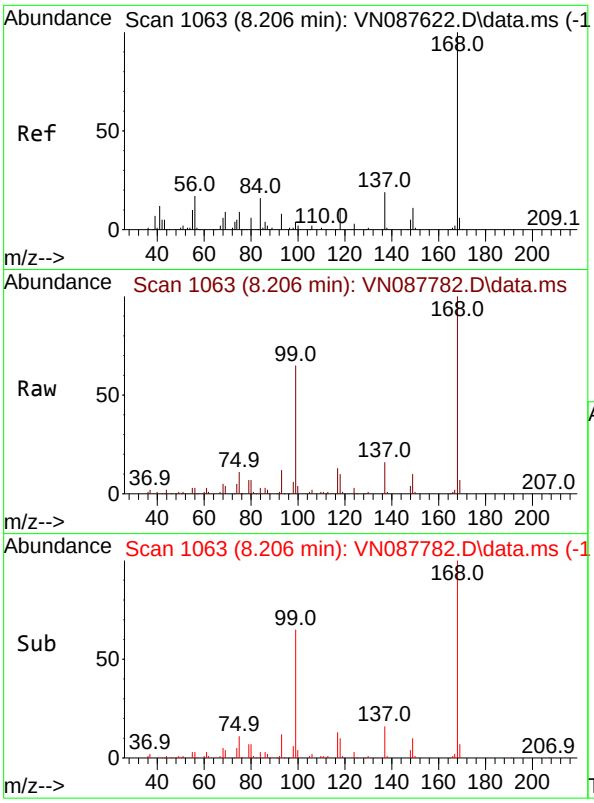
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Time: Sep 11 02:05:50 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



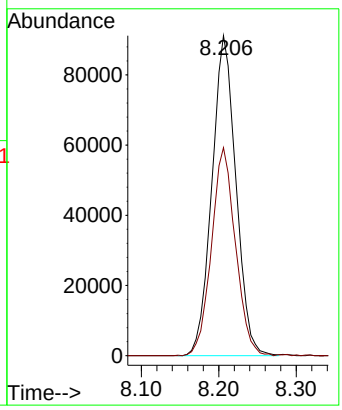


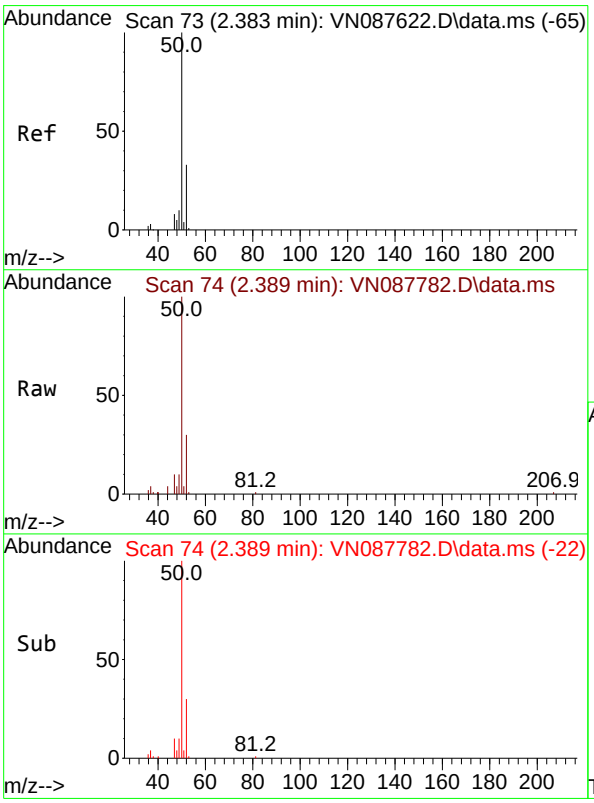
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:168 Resp: 196528

Ion	Ratio	Lower	Upper
168	100		
99	64.8	57.2	85.8

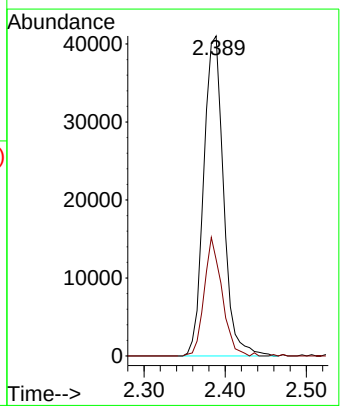


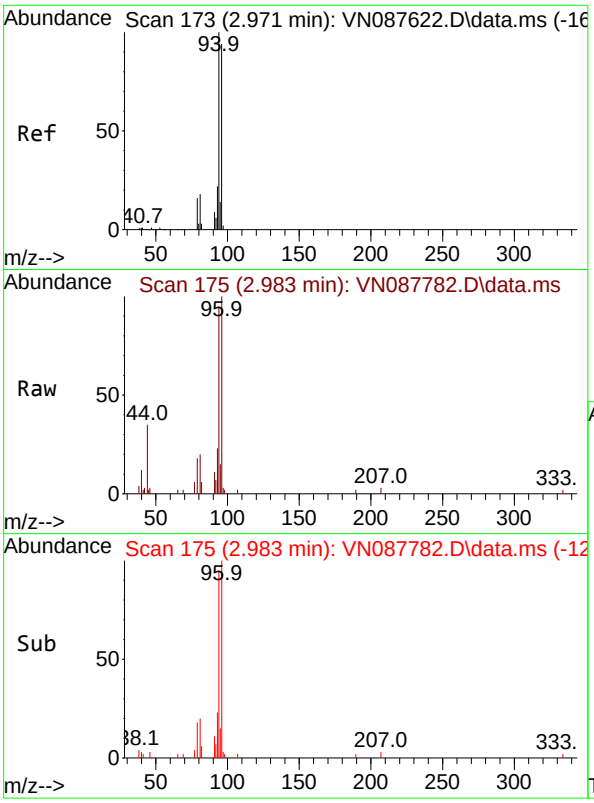


#3
Chloromethane
Concen: 24.277 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 50 Resp: 69637

Ion	Ratio	Lower	Upper
50	100		
52	30.2	26.2	39.4



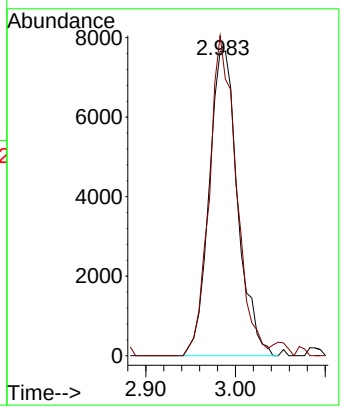


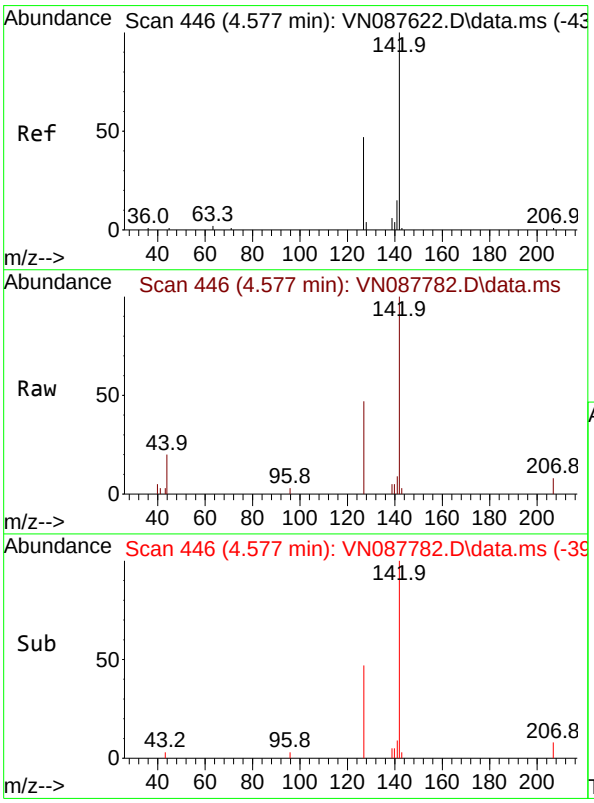
#5
Bromomethane
Concen: 9.905 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 94 Resp: 16998

Ion	Ratio	Lower	Upper
94	100		
96	105.1	75.4	113.2

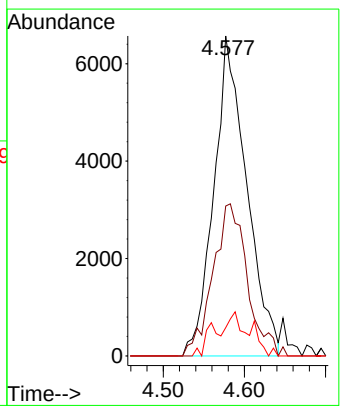


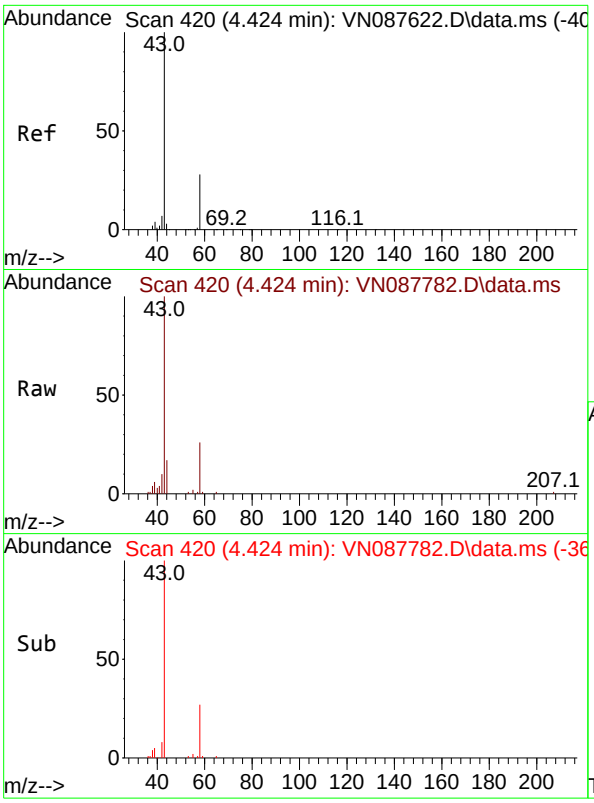


#10
Methyl Iodide
Concen: 14.554 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:142 Resp: 18472

Ion	Ratio	Lower	Upper
142	100		
127	46.8	38.0	57.0
141	8.8	12.0	18.0#



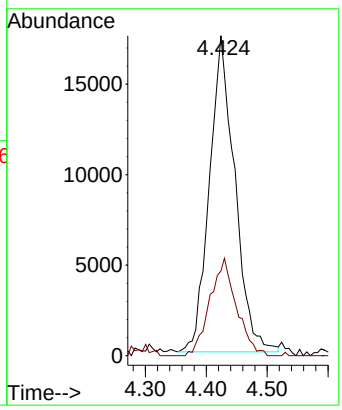


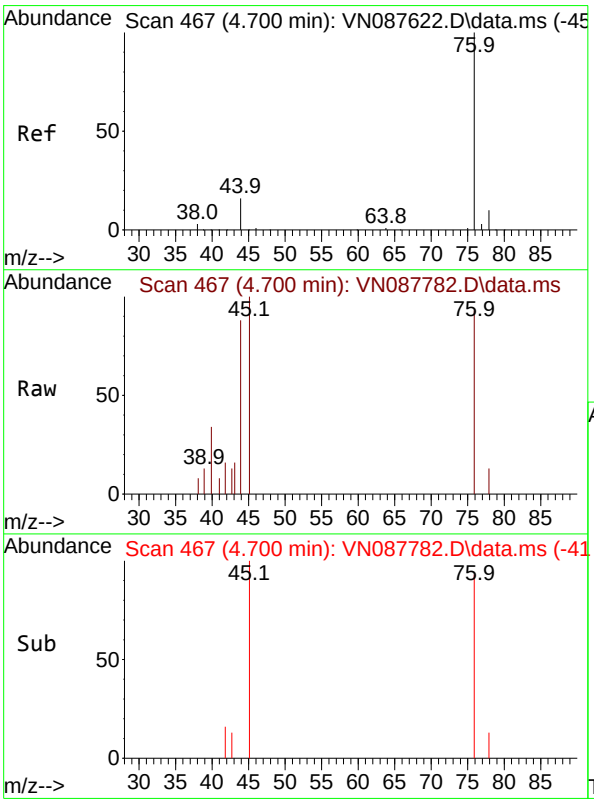
#16
Acetone
Concen: 23.092 ug/l
RT: 4.424 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 43 Resp: 50618

Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.6	33.8

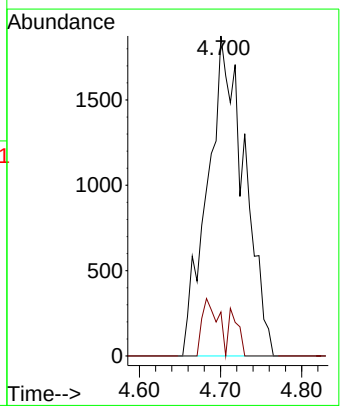


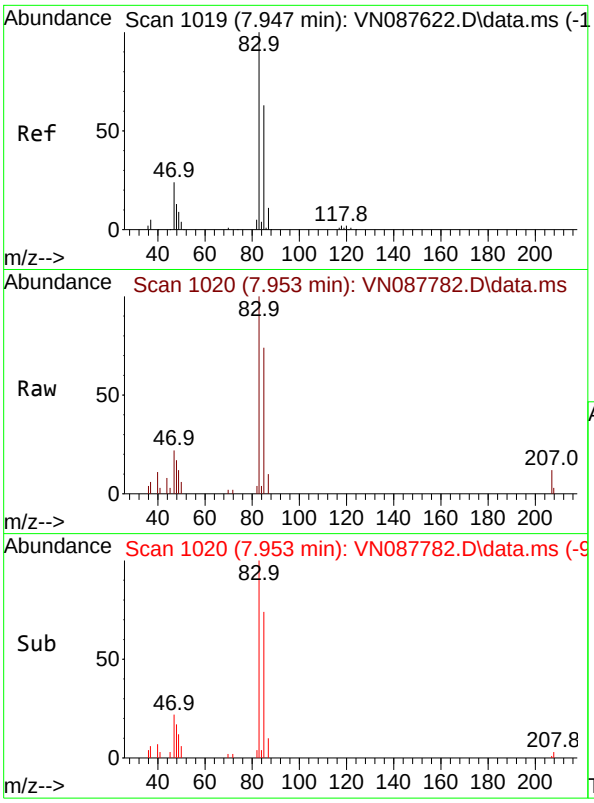


#17
Carbon Disulfide
Concen: 0.760 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 76 Resp: 5929

Ion	Ratio	Lower	Upper
76	100		
78	13.8	7.6	11.4#



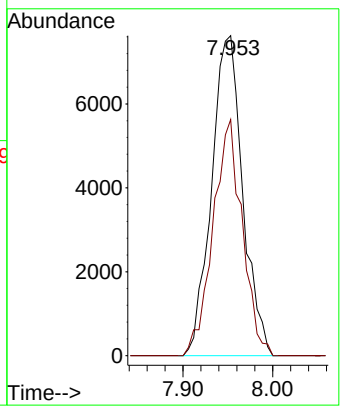


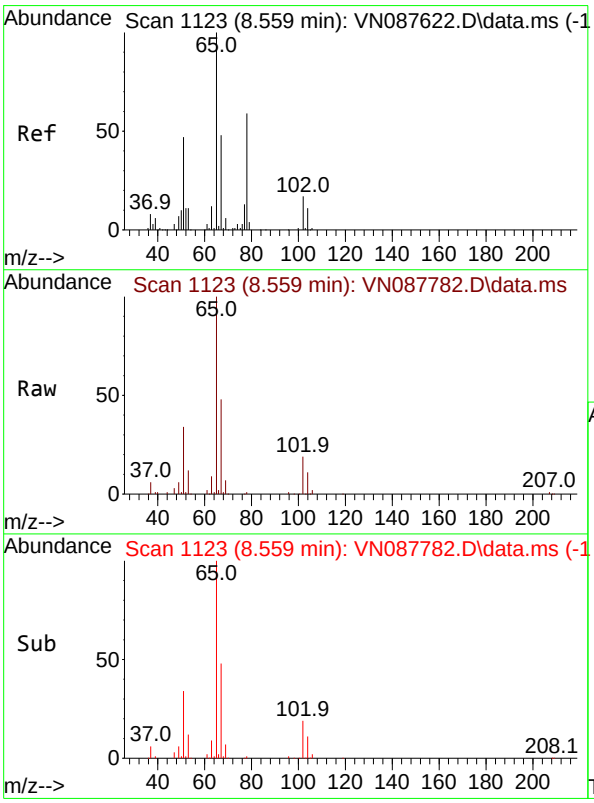
#30
Chloroform
Concen: 2.971 ug/l
RT: 7.953 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 83 Resp: 18426

Ion	Ratio	Lower	Upper
83	100		
85	73.8	50.7	76.1

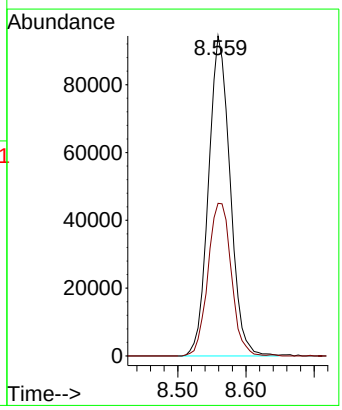


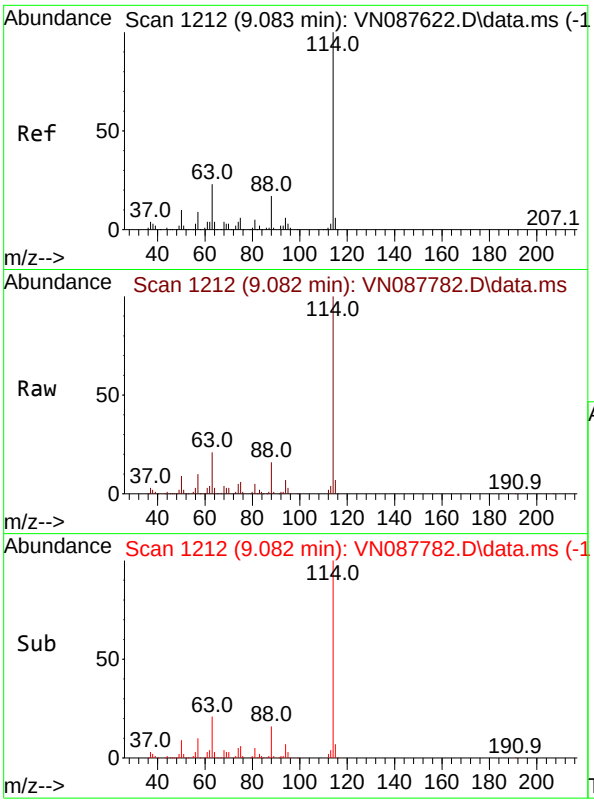


#33
1,2-Dichloroethane-d4
Concen: 51.620 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 65 Resp: 207855

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.0



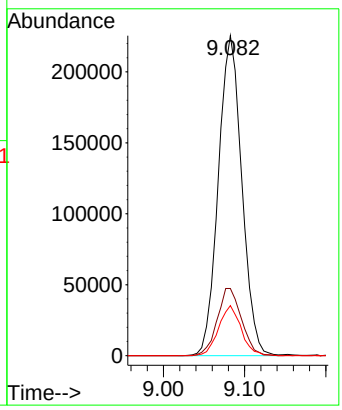


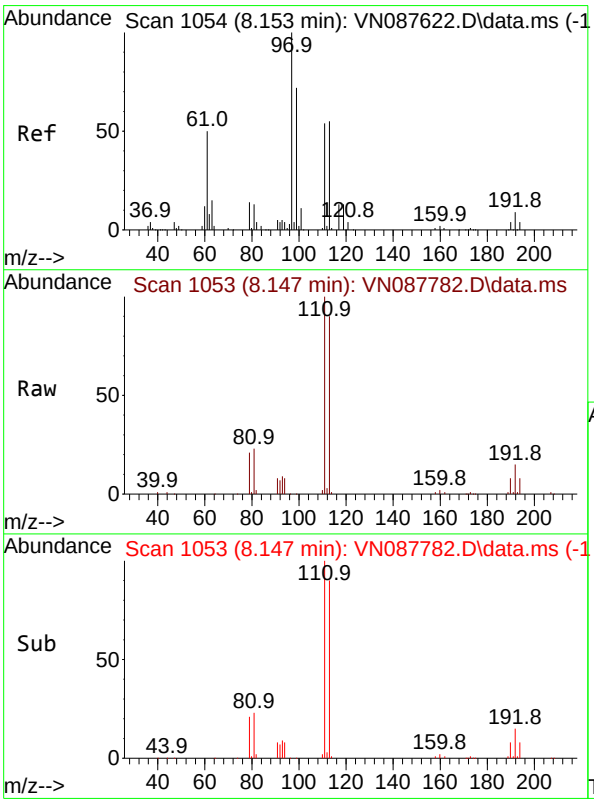
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:114 Resp: 453885

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	45.2
88	15.7	0.0	33.4

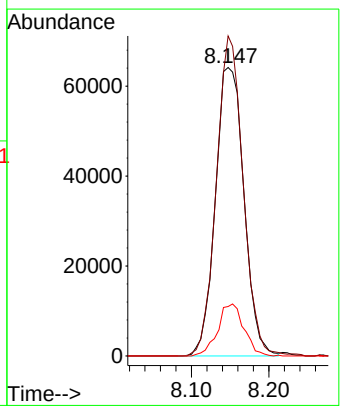


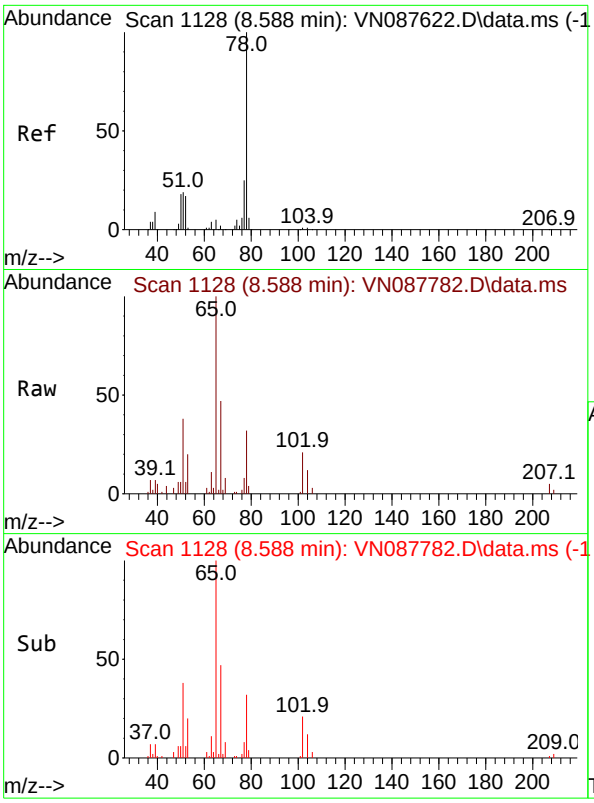


#35
Dibromofluoromethane
Concen: 50.264 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:113 Resp: 164718

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	16.5	12.8	19.2



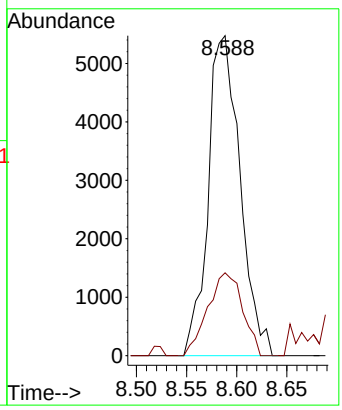


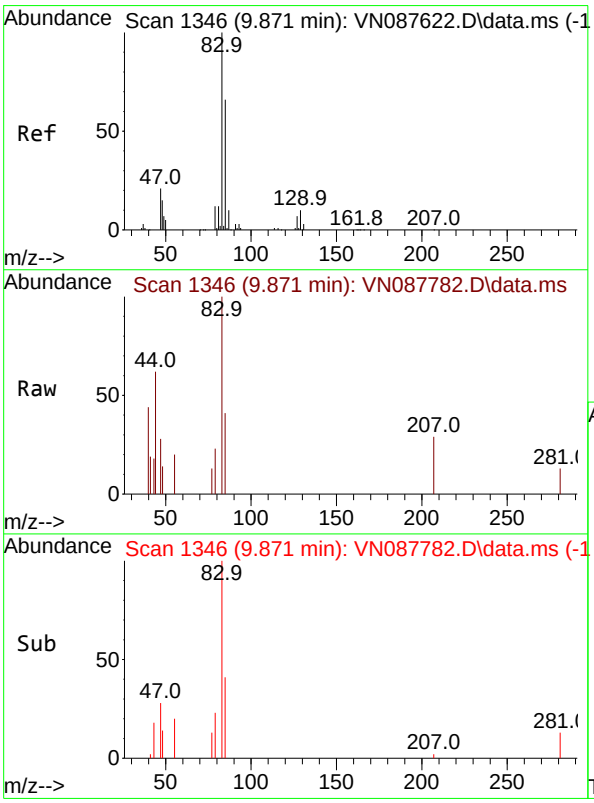
#40
Benzene
Concen: 0.787 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 78 Resp: 12142

Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.7	29.5

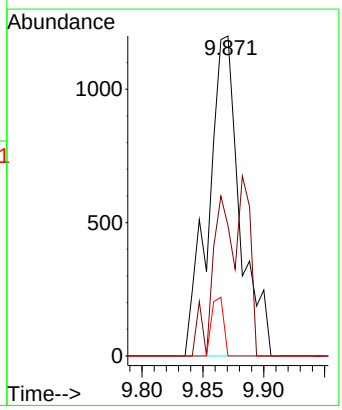


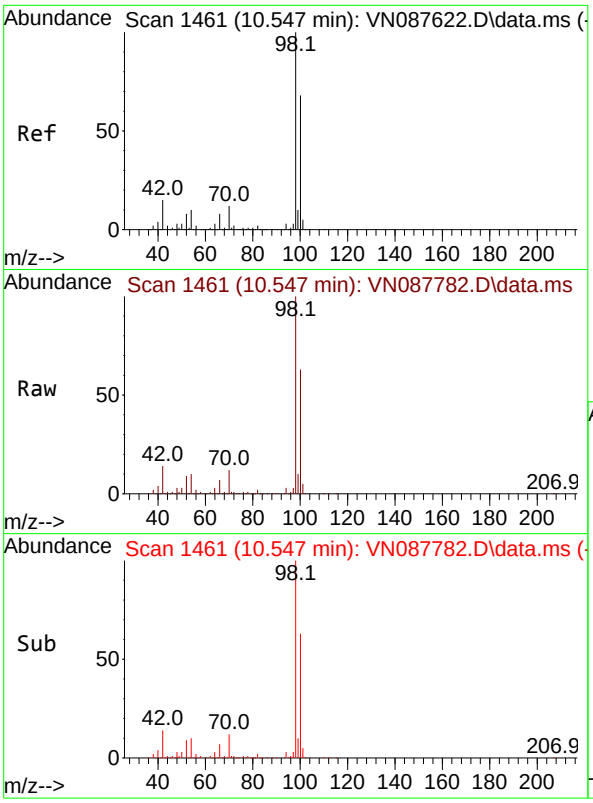


#47
Bromodichloromethane
Concen: 0.365 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 83 Resp: 2163

Ion	Ratio	Lower	Upper
83	100		
85	40.8	52.5	78.7#
127	0.0	5.8	8.6#



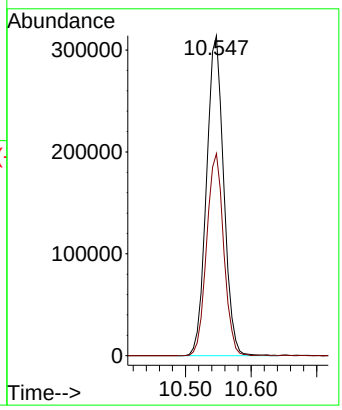


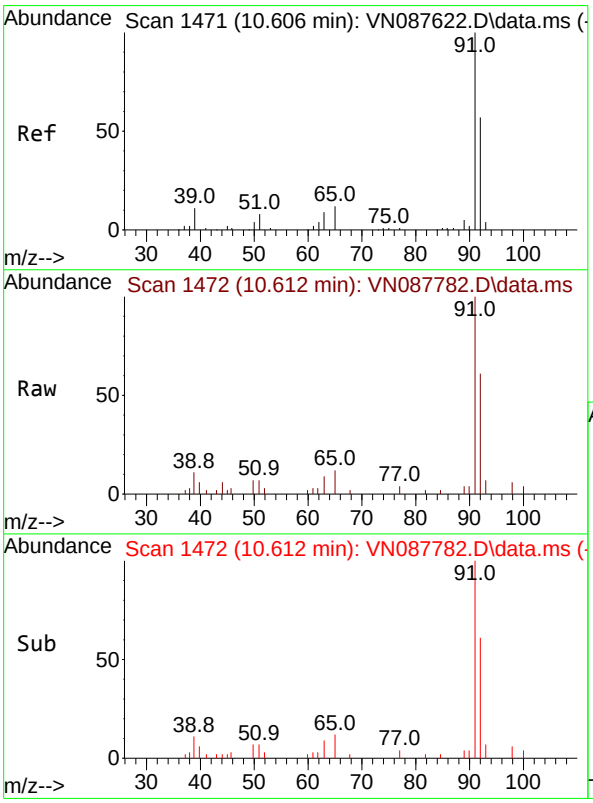
#50
Toluene-d8
Concen: 46.775 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 98 Resp: 573709

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.8	79.2

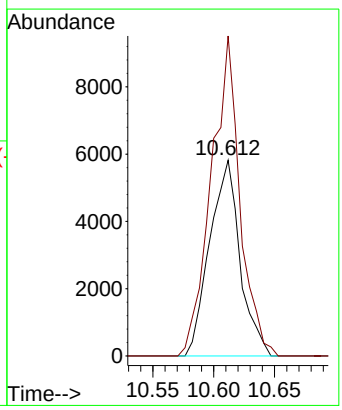


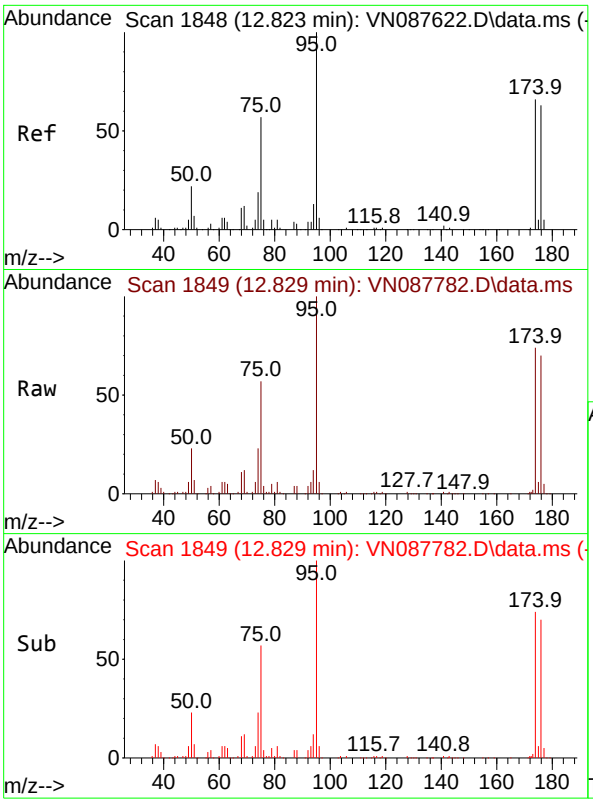


#52
Toluene
Concen: 1.056 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 92 Resp: 10092

Ion	Ratio	Lower	Upper
92	100		
91	155.0	140.4	210.6



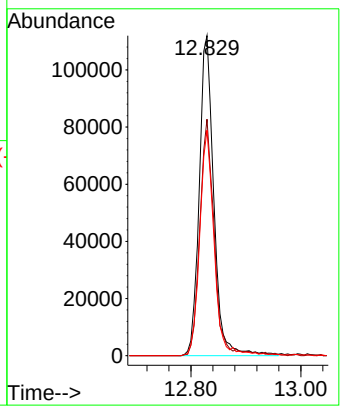


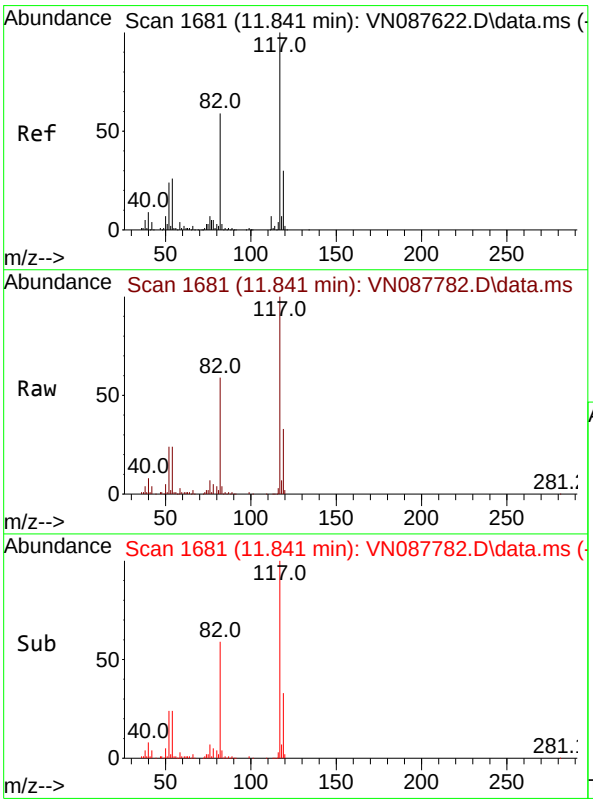
#62
4-Bromofluorobenzene
Concen: 47.141 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 95 Resp: 205625

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	138.4
176	69.8	0.0	132.6

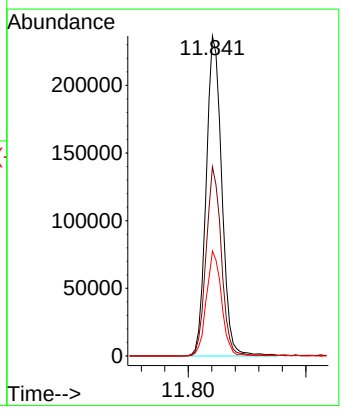


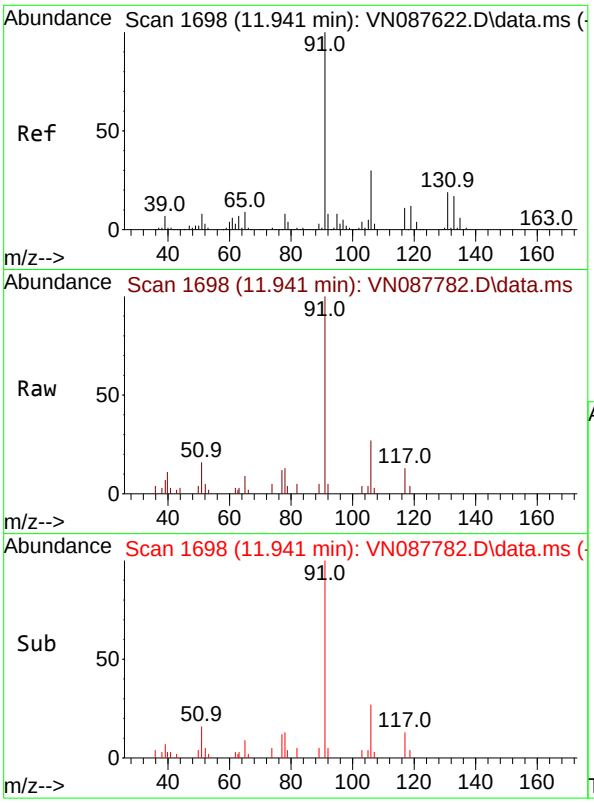


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:117 Resp: 434796

Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.4	71.2
119	32.8	24.3	36.5



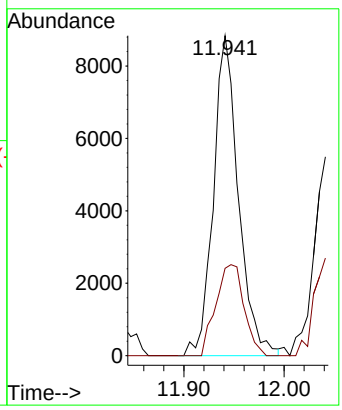


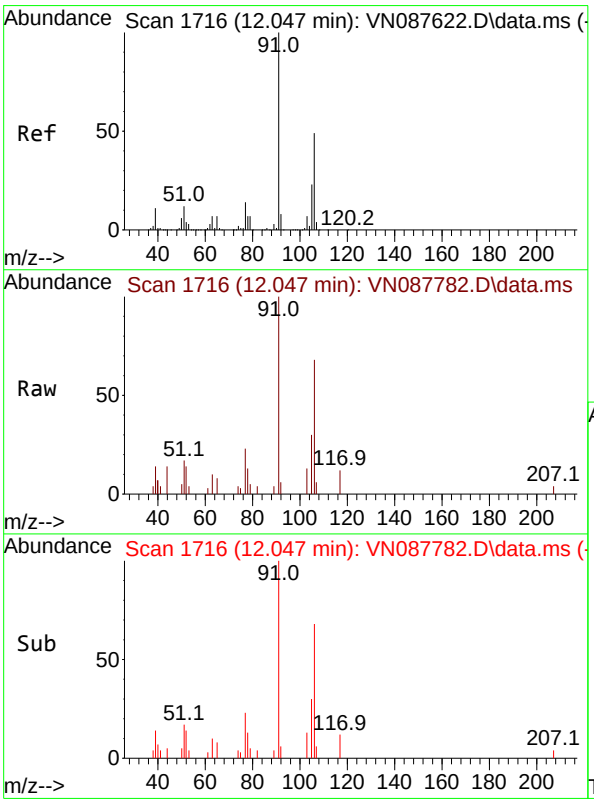
#67
Ethyl Benzene
Concen: 0.818 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 91 Resp: 15321

Ion	Ratio	Lower	Upper
91	100		
106	27.3	24.1	36.1

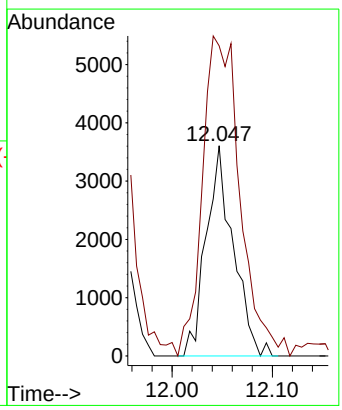


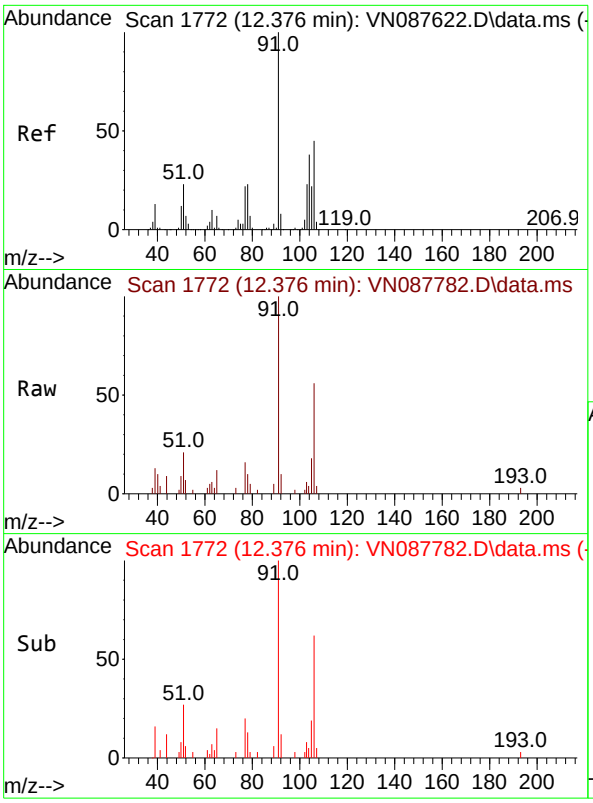


#68
m/p-Xylenes
Concen: 0.985 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:106 Resp: 6766

Ion	Ratio	Lower	Upper
106	100		
91	210.8	169.3	253.9



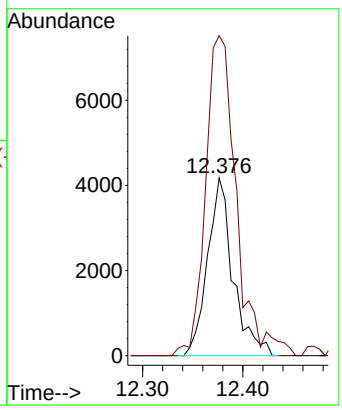


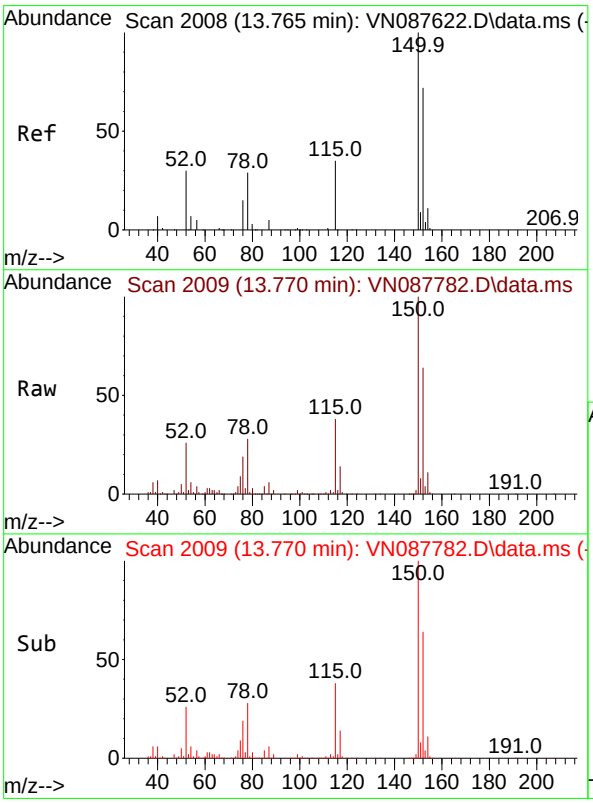
#69
o-Xylene
Concen: 1.094 ug/l
RT: 12.376 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:106 Resp: 7363

Ion	Ratio	Lower	Upper
106	100		
91	216.7	111.4	334.2

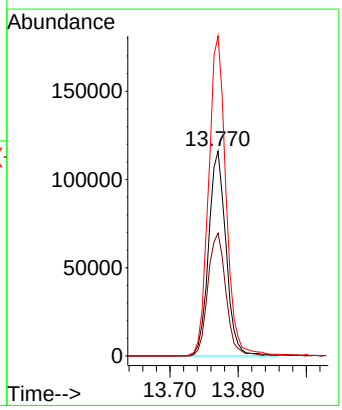


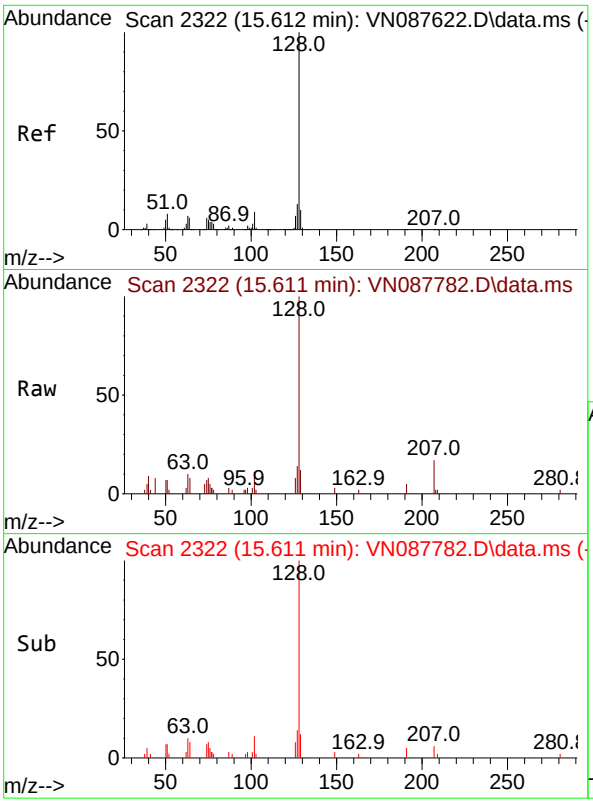


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:152 Resp: 206220

Ion	Ratio	Lower	Upper
152	100		
115	61.9	32.3	96.8
150	157.2	0.0	351.0



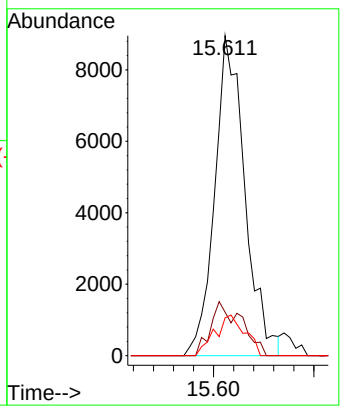


#95
Naphthalene
Concen: 1.198 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:128 Resp: 18706

Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.6	15.8#
129	12.7	8.6	12.8



Sample Results: **VN087782.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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

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

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

Signal : TIC: VN087782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.383	67	73	84	rVB	67977	117052	7.46%	1.315%
2	2.983	169	175	183	rBV2	25594	55171	3.51%	0.620%
3	4.424	410	420	429	rBV2	25812	76083	4.85%	0.854%
4	4.577	438	446	457	rVB2	11021	32540	2.07%	0.365%
5	7.953	1012	1020	1030	rVB2	21198	51995	3.31%	0.584%
6	8.147	1044	1053	1058	rBV2	227605	558173	35.56%	6.269%
7	8.206	1058	1063	1074	rVB2	299647	660529	42.08%	7.418%
8	8.559	1113	1123	1134	rBV	255118	610124	38.87%	6.852%
9	9.082	1203	1212	1223	rBV	549472	1118036	71.22%	12.557%
10	10.547	1450	1461	1468	rBV	861017	1569828	100.00%	17.631%
11	10.612	1468	1472	1478	rVB	24161	42762	2.72%	0.480%
12	11.841	1672	1681	1693	rBV	772412	1416933	90.26%	15.914%
13	11.941	1693	1698	1704	rVV2	23311	46928	2.99%	0.527%
14	12.047	1708	1716	1723	rVB4	19154	43171	2.75%	0.485%
15	12.376	1766	1772	1781	rBV4	24950	47870	3.05%	0.538%
16	12.829	1839	1849	1861	rBV	582221	1050009	66.89%	11.793%
17	13.770	2001	2009	2023	rBV	756859	1364026	86.89%	15.319%
18	15.611	2317	2322	2330	rBV2	19947	42677	2.72%	0.479%

Sum of corrected areas: 8903907

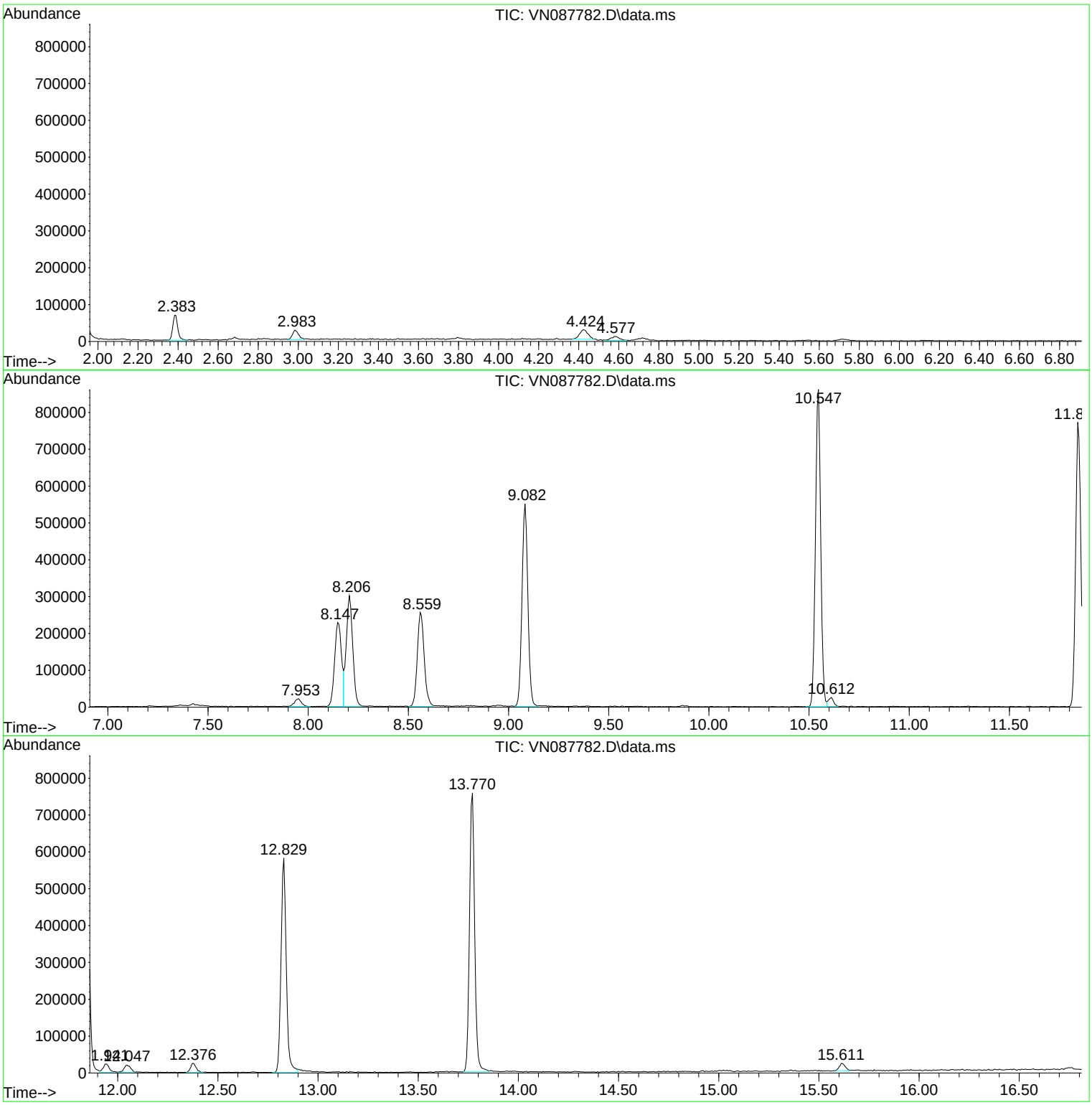
Sample Results: **VN087782.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Time: Sep 11 02:01:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

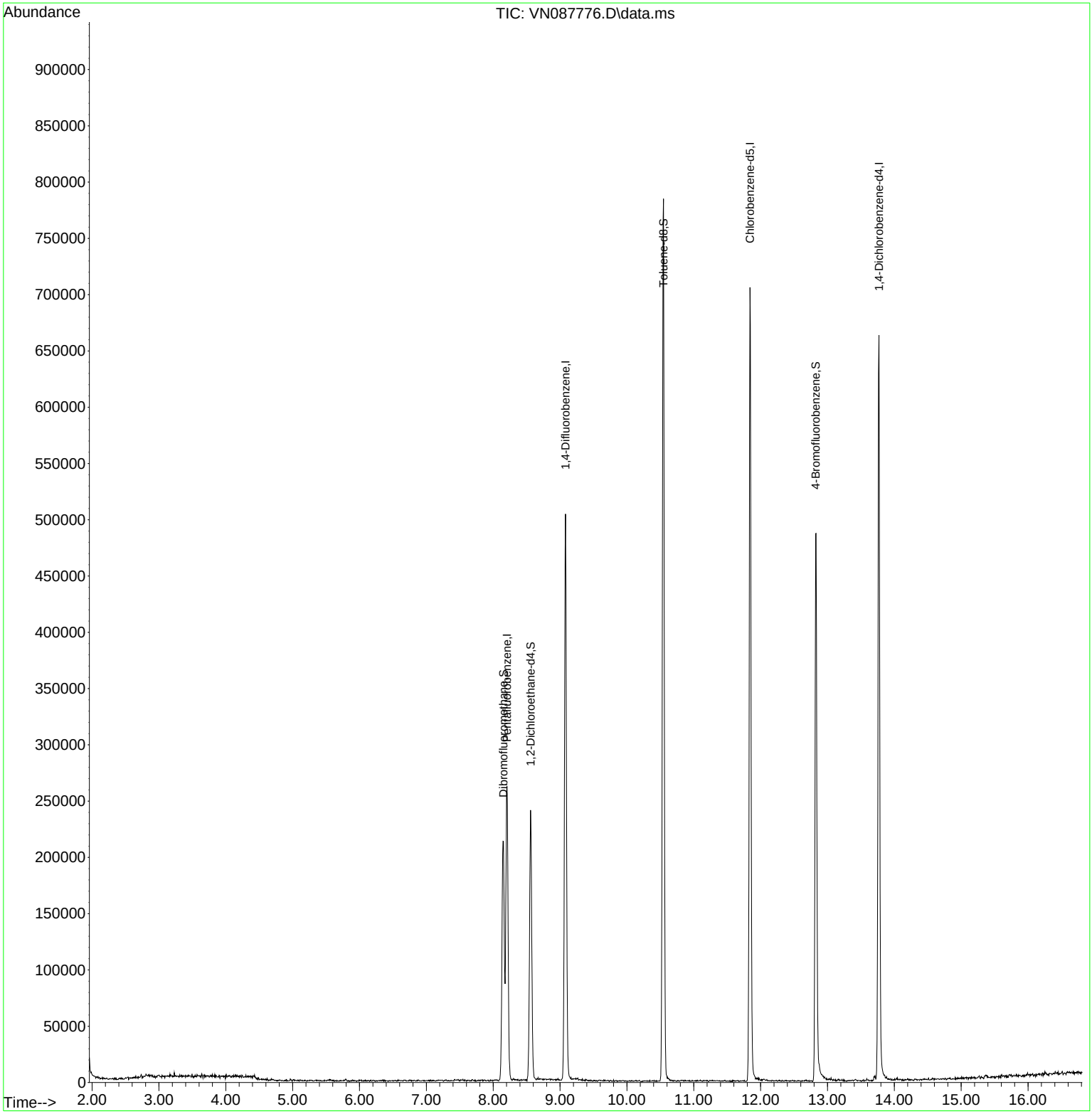
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	177881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	413161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	392580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	179388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200486	55.009	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.020%			
35) Dibromofluoromethane	8.153	113	155658	52.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	10.547	98	534676	47.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.780%			
62) 4-Bromofluorobenzene	12.823	95	175489	44.197	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.400%			
Target Compounds						Qvalue

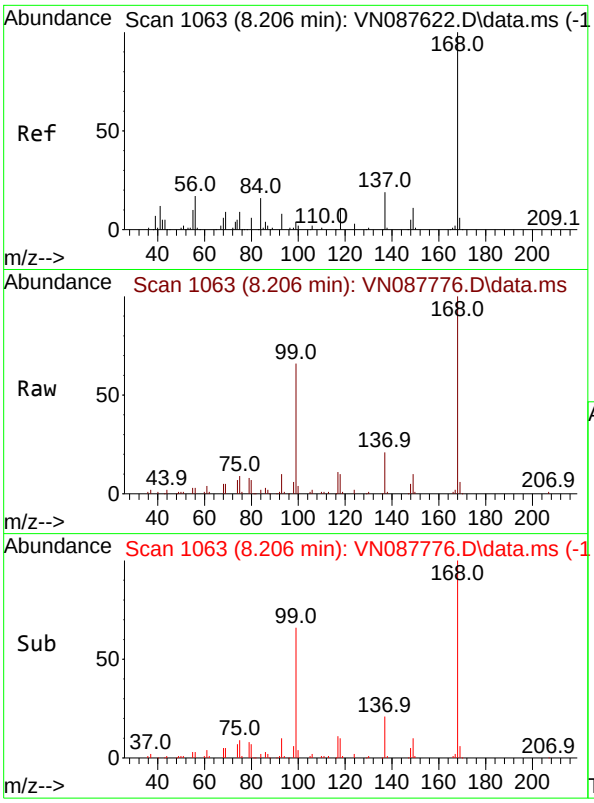
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Time: Sep 11 02:01:55 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



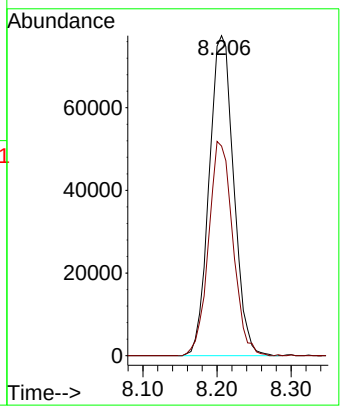


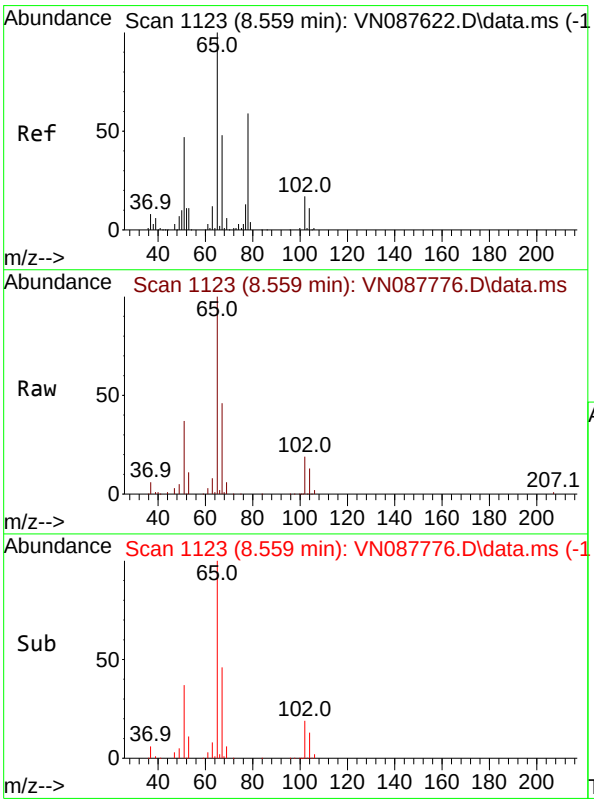
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion:168 Resp: 177881

Ion	Ratio	Lower	Upper
168	100		
99	65.5	57.2	85.8

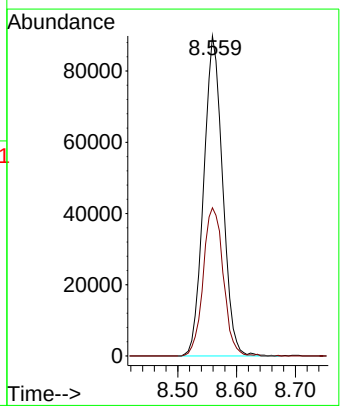


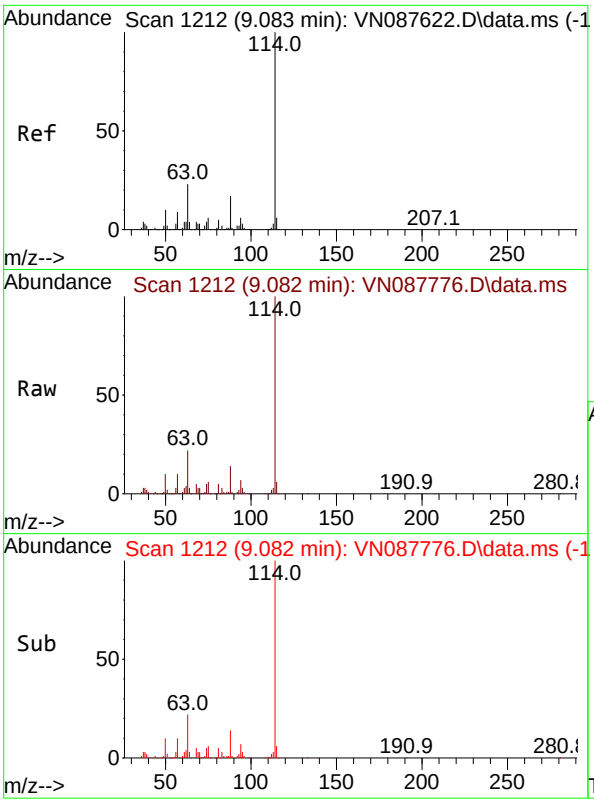


#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 65 Resp: 200486

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	100.0



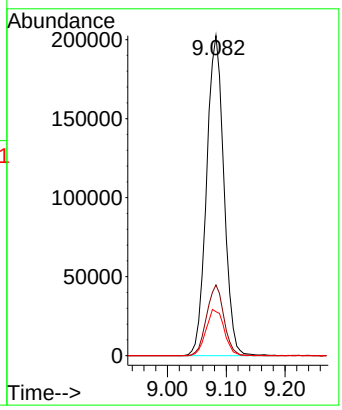


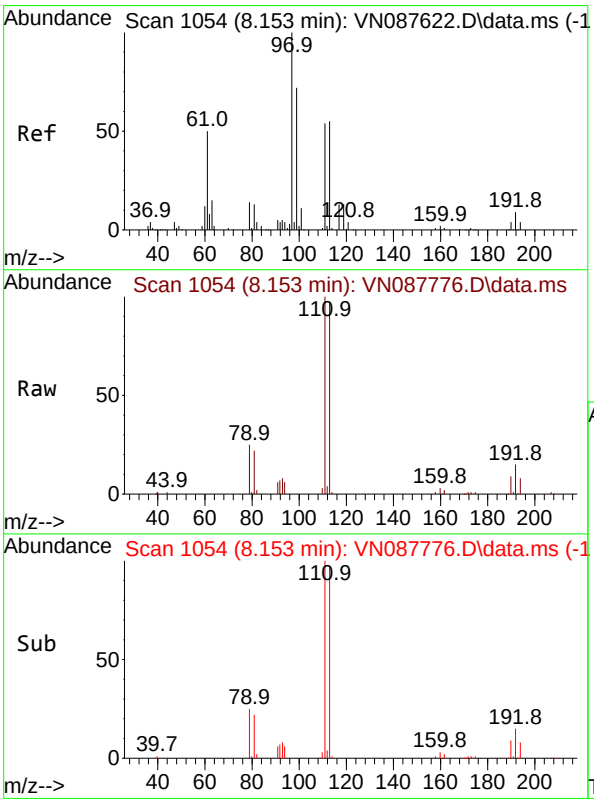
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion:114 Resp: 413161

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.2
88	13.8	0.0	33.4

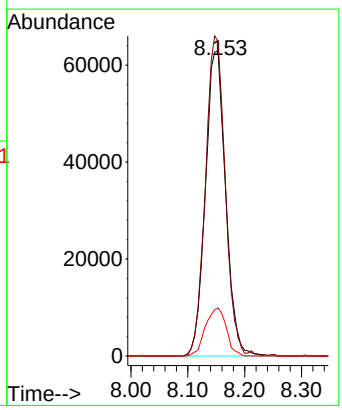


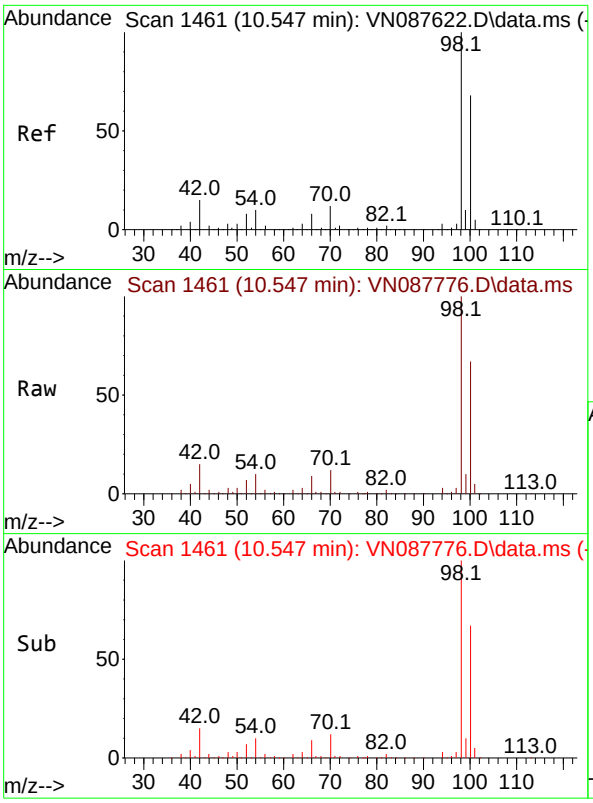


#35
Dibromofluoromethane
Concen: 52.181 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion:113 Resp: 155658

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	16.2	12.8	19.2



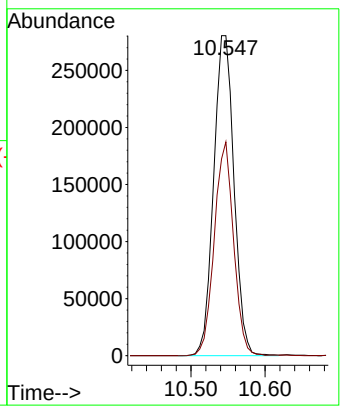


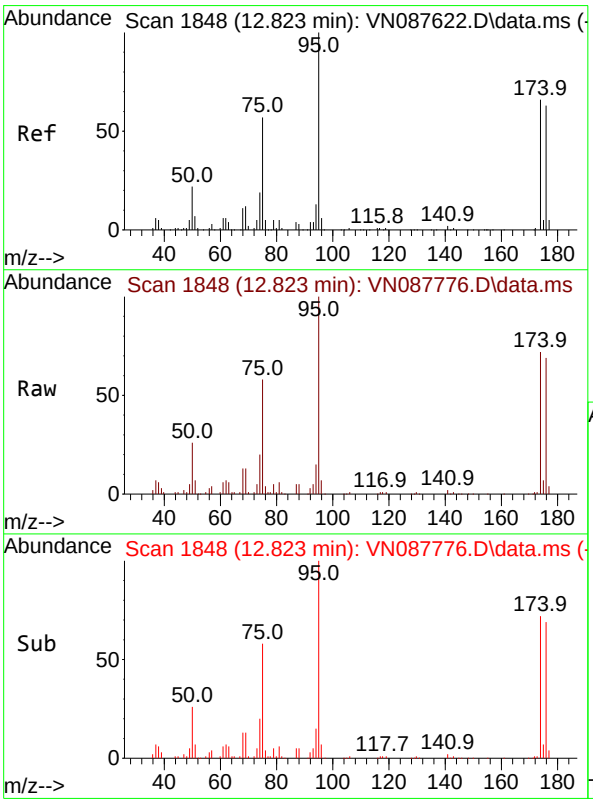
#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion: 98 Resp: 534676

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.8	79.2

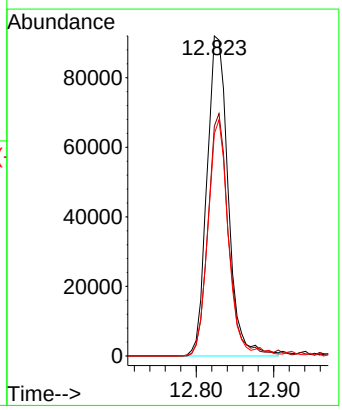


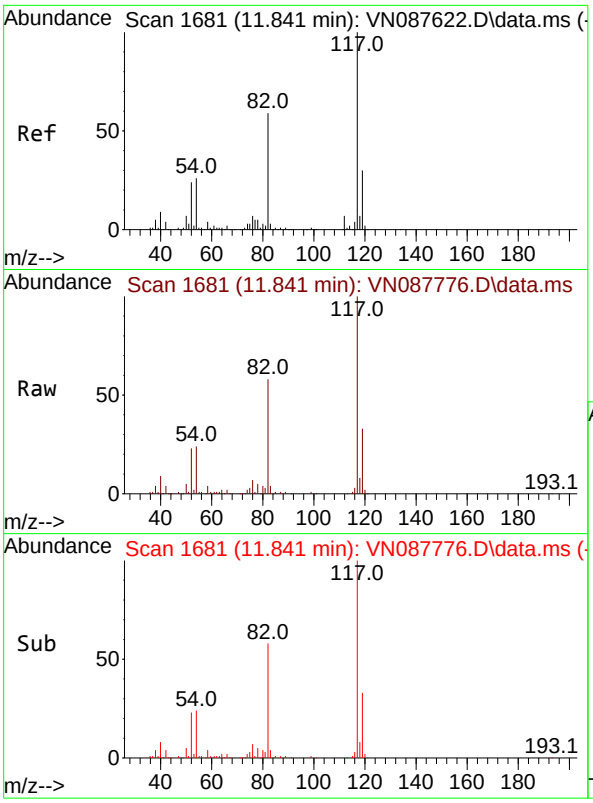


#62
4-Bromofluorobenzene
Concen: 44.197 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 95 Resp: 175489

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	138.4
176	70.1	0.0	132.6



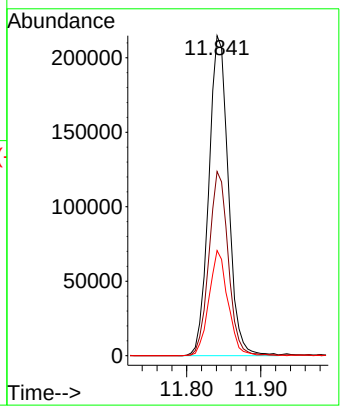


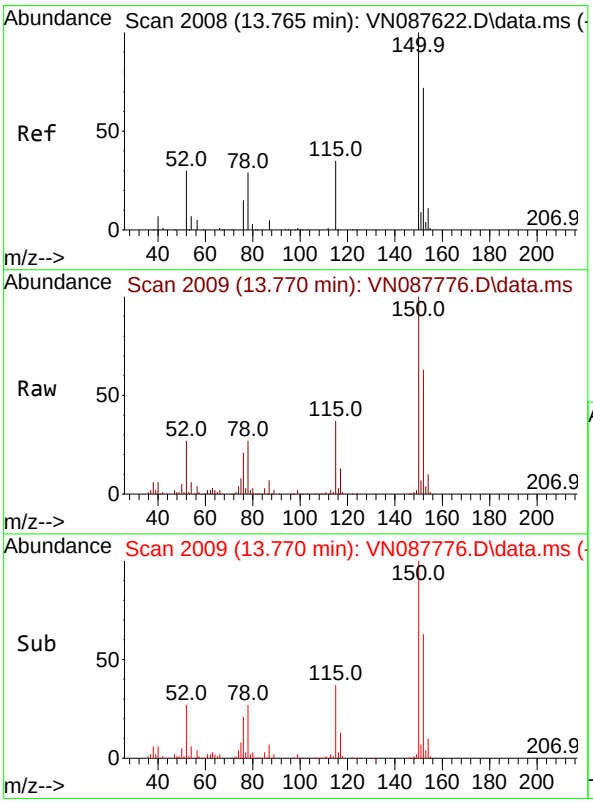
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion:117 Resp: 392580

Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.4	71.2
119	32.8	24.3	36.5

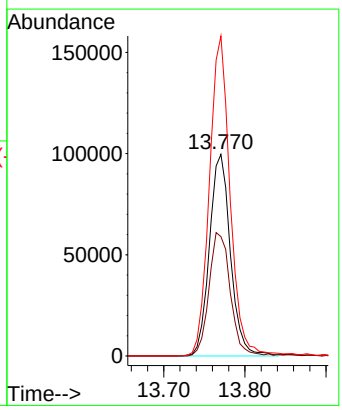




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion:152 Resp: 179388

Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.3	96.8
150	156.4	0.0	351.0



Sample Results: **VN087776.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

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: VN087776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1044	1053	1058	rBV2	211778	527773	35.76%	6.930%
2	8.206	1058	1063	1074	rVB	260328	594890	40.31%	7.811%
3	8.559	1114	1123	1138	rBV	240530	554261	37.56%	7.278%
4	9.082	1201	1212	1225	rBV	503228	1046443	70.91%	13.741%
5	10.547	1452	1461	1472	rBV	783829	1475718	100.00%	19.378%
6	11.841	1673	1681	1695	rBV	705296	1290176	87.43%	16.941%
7	12.829	1840	1849	1867	rBV	487126	937673	63.54%	12.313%
8	13.770	2001	2009	2022	rBV	661104	1188668	80.55%	15.608%

Sum of corrected areas: 7615602

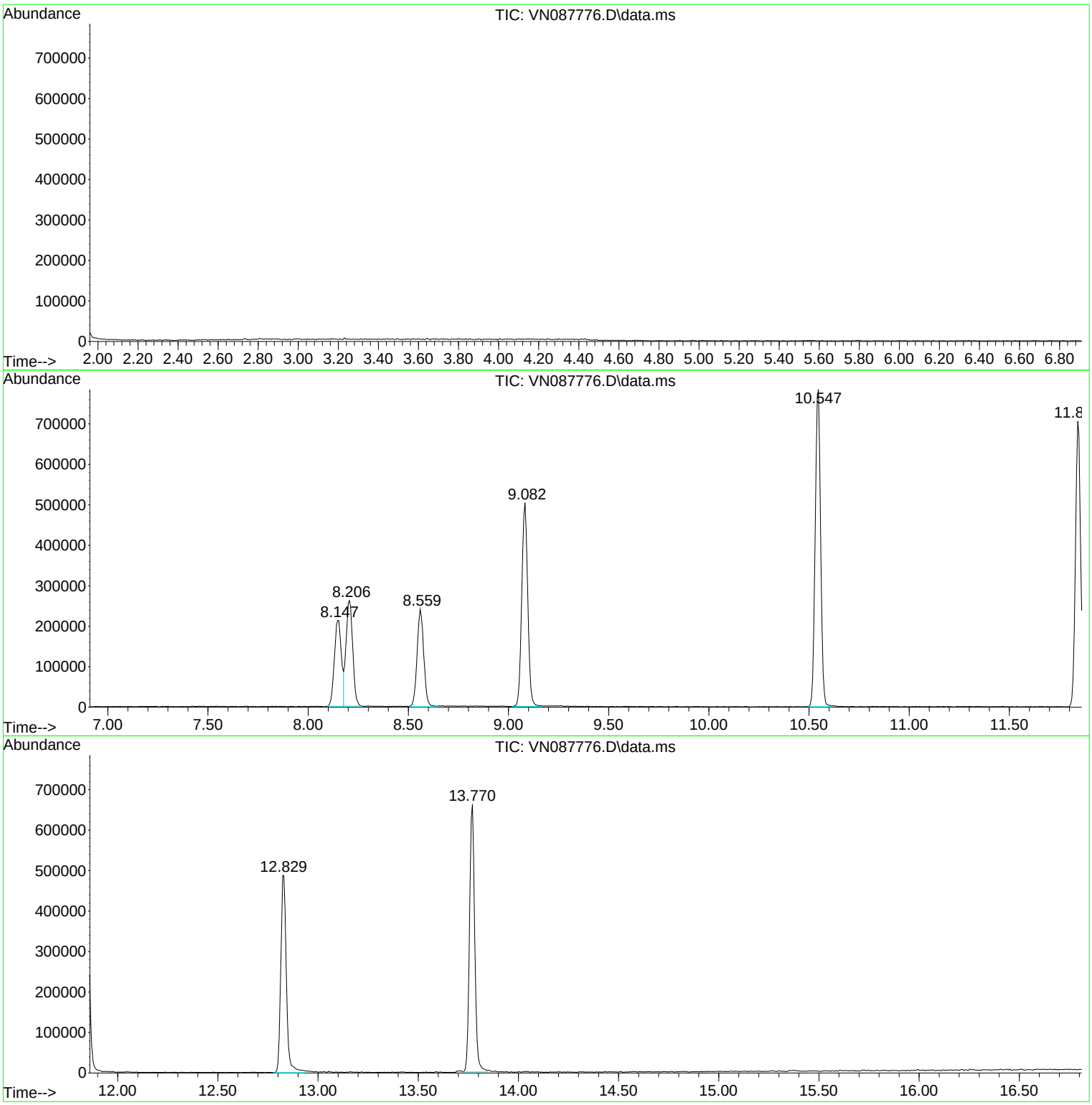
Sample Results: **VN087776.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

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\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

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\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

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\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 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 :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	247948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	481179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	443678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	236791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234962	46.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.500%			
35) Dibromofluoromethane	8.147	113	170515	49.082	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.160%			
50) Toluene-d8	10.547	98	598958	46.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.120%			
62) 4-Bromofluorobenzene	12.829	95	217795	47.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	66905	18.999	ug/l	99
3) Chloromethane	2.383	50	72113	19.926	ug/l	95
4) Vinyl Chloride	2.542	62	82564	19.676	ug/l	98
5) Bromomethane	2.983	94	45461	20.997	ug/l	91
6) Chloroethane	3.142	64	57277	19.421	ug/l	97
7) Trichlorofluoromethane	3.512	101	124353	20.227	ug/l	90
8) Diethyl Ether	3.965	74	54751	20.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	68198	19.605	ug/l	96
10) Methyl Iodide	4.583	142	42240	20.845	ug/l	98
11) Tert butyl alcohol	5.518	59	88895	100.795	ug/l	97
12) 1,1-Dichloroethene	4.342	96	69558	19.458	ug/l	88
13) Acrolein	4.177	56	83930	77.410	ug/l	94
14) Allyl chloride	5.006	41	115073	17.763	ug/l	97
15) Acrylonitrile	5.706	53	249028	100.121	ug/l	99
16) Acetone	4.424	43	268456	97.074	ug/l	98
17) Carbon Disulfide	4.700	76	172758	17.554	ug/l	100
18) Methyl Acetate	5.018	43	137712	23.783	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	263760	19.668	ug/l	97
20) Methylene Chloride	5.271	84	82792	19.952	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	73778	19.043	ug/l	98
22) Diisopropyl ether	6.653	45	282609	20.216	ug/l	97
23) Vinyl Acetate	6.589	43	1234043	97.027	ug/l	98
24) 1,1-Dichloroethane	6.553	63	155898	20.339	ug/l	98
25) 2-Butanone	7.465	43	354230	97.360	ug/l	100
26) 2,2-Dichloropropane	7.471	77	127484	19.379	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	91844	19.830	ug/l	99
28) Bromochloromethane	7.794	49	68600	18.513	ug/l	98
29) Tetrahydrofuran	7.824	42	228318	97.510	ug/l	100
30) Chloroform	7.947	83	162362	20.753	ug/l	99
31) Cyclohexane	8.236	56	114288	17.886	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	133678	20.162	ug/l	93
36) 1,1-Dichloropropene	8.359	75	98694	18.518	ug/l	99
37) Ethyl Acetate	7.547	43	144354	19.821	ug/l	99
38) Carbon Tetrachloride	8.341	117	107894	20.504	ug/l	100
39) Methylcyclohexane	9.582	83	102544	17.476	ug/l	97
40) Benzene	8.588	78	323696	19.802	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 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 :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	77810	20.625	ug/l		96
42) 1,2-Dichloroethane	8.647	62	127177	20.245	ug/l		99
43) Isopropyl Acetate	8.671	43	231457	20.356	ug/l		100
44) Trichloroethene	9.335	130	74553	19.976	ug/l		87
45) 1,2-Dichloropropane	9.594	63	85809	19.914	ug/l		98
46) Dibromomethane	9.688	93	64080	20.898	ug/l		97
47) Bromodichloromethane	9.865	83	133142	21.187	ug/l		97
48) Methyl methacrylate	9.659	41	105144	19.550	ug/l		99
49) 1,4-Dioxane	9.677	88	31057	445.513	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	727298	106.015	ug/l		100
52) Toluene	10.606	92	203676	20.098	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	136007	20.909	ug/l		97
54) cis-1,3-Dichloropropene	10.288	75	136995	20.283	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	84642	21.590	ug/l		97
56) Ethyl methacrylate	10.853	69	123475	19.708	ug/l		96
57) 1,3-Dichloropropane	11.141	76	147355	21.238	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	302321	89.152	ug/l		98
59) 2-Hexanone	11.177	43	468254	107.999	ug/l		98
60) Dibromochloromethane	11.341	129	96636	21.274	ug/l		99
61) 1,2-Dibromoethane	11.447	107	86421	20.906	ug/l		100
64) Tetrachloroethene	11.082	164	59854	19.445	ug/l		96
65) Chlorobenzene	11.871	112	224483	20.337	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	80324	21.920	ug/l		98
67) Ethyl Benzene	11.941	91	384763	20.133	ug/l		95
68) m/p-Xylenes	12.047	106	282361	40.285	ug/l		98
69) o-Xylene	12.376	106	138993	20.235	ug/l		100
70) Styrene	12.388	104	243299	21.143	ug/l		98
71) Bromoform	12.559	173	65248	23.217	ug/l	#	98
73) Isopropylbenzene	12.676	105	356780	18.646	ug/l		100
74) N-amyl acetate	12.518	43	128873m	17.773	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	132478	20.110	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	125262m	22.558	ug/l		
77) Bromobenzene	12.959	156	88727	19.667	ug/l		97
78) n-propylbenzene	13.012	91	456054	19.350	ug/l		100
79) 2-Chlorotoluene	13.100	91	272010	19.178	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	307840	18.965	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	40685	19.397	ug/l		88
82) 4-Chlorotoluene	13.200	91	280156	18.787	ug/l		98
83) tert-Butylbenzene	13.412	119	261058	19.300	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	313317	19.282	ug/l		98
85) sec-Butylbenzene	13.594	105	389426	19.401	ug/l		99
86) p-Isopropyltoluene	13.706	119	324109	19.554	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	178936	20.140	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	182845	19.776	ug/l		99
89) n-Butylbenzene	14.035	91	310752	18.877	ug/l		99
90) Hexachloroethane	14.306	117	66252	20.980	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	170771	20.261	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	30727	19.635	ug/l		94
93) 1,2,4-Trichlorobenzene	15.364	180	96639	19.093	ug/l		100
94) Hexachlorobutadiene	15.476	225	38772	21.487	ug/l		97
95) Naphthalene	15.612	128	337020	18.799	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	96427	19.488	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 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 :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

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

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

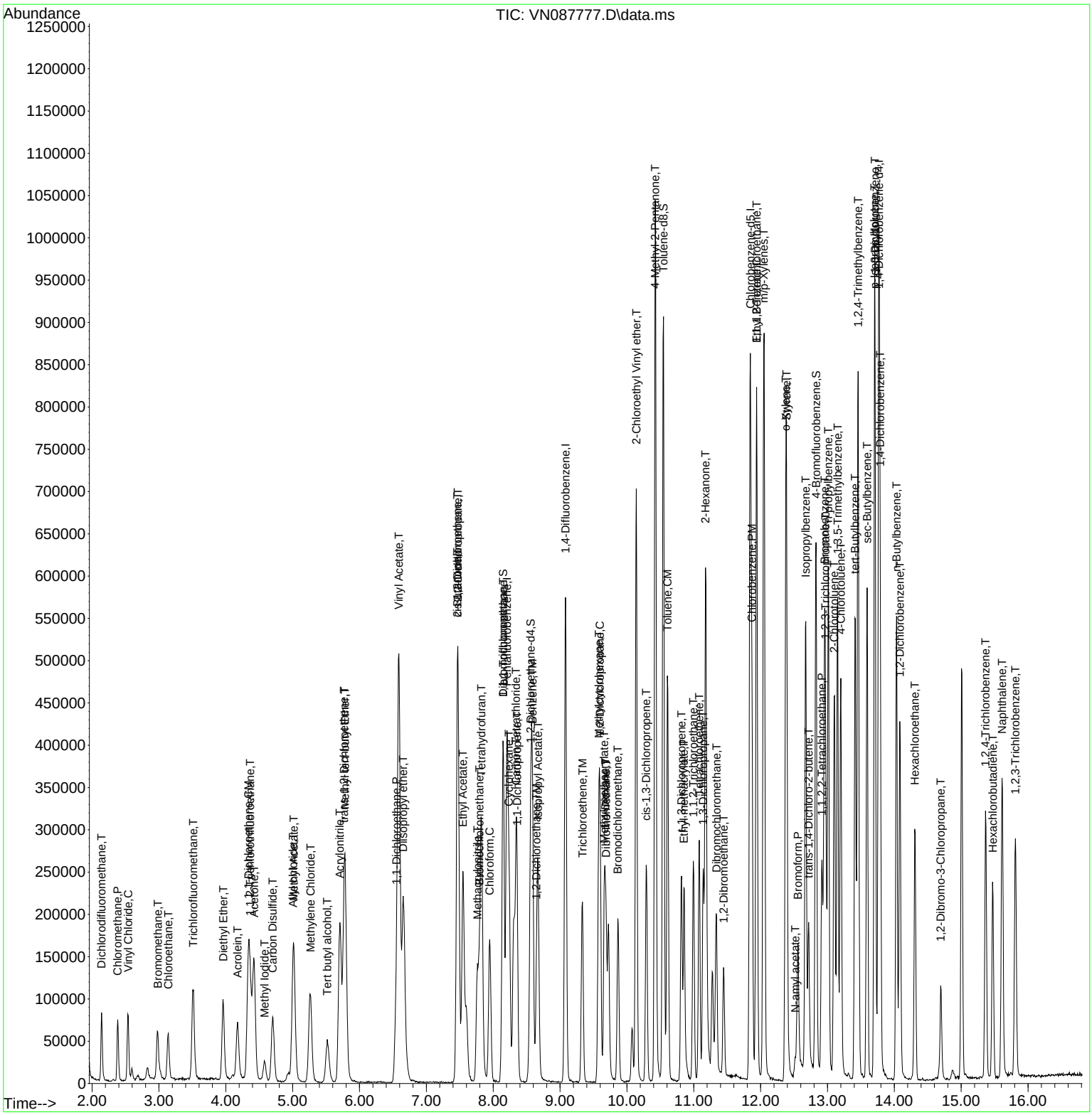
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 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 :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 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 :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	258583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	480224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	451507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	236702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	238905	45.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.180%		
35) Dibromofluoromethane	8.147	113	171837	49.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	10.547	98	623165	48.020	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.823	95	216720	46.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	71486	19.465	ug/l	97
3) Chloromethane	2.383	50	75689	20.054	ug/l	97
4) Vinyl Chloride	2.536	62	82893	18.942	ug/l	96
5) Bromomethane	2.983	94	48062	21.285	ug/l	99
6) Chloroethane	3.142	64	57557	18.713	ug/l	100
7) Trichlorofluoromethane	3.512	101	133185	20.773	ug/l	93
8) Diethyl Ether	3.965	74	55136	19.746	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	72141	19.885	ug/l	99
10) Methyl Iodide	4.577	142	50321	22.843	ug/l	93
11) Tert butyl alcohol	5.518	59	89083	96.854	ug/l	99
12) 1,1-Dichloroethene	4.336	96	71585	19.201	ug/l	87
13) Acrolein	4.177	56	87390	77.286	ug/l	97
14) Allyl chloride	5.012	41	116475	17.240	ug/l	97
15) Acrylonitrile	5.706	53	259106	99.888	ug/l	98
16) Acetone	4.418	43	269935	93.594	ug/l	98
17) Carbon Disulfide	4.700	76	174184	16.971	ug/l	98
18) Methyl Acetate	5.018	43	143215	23.716	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	268923	19.228	ug/l	98
20) Methylene Chloride	5.265	84	82321	18.963	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	74353	18.402	ug/l	92
22) Diisopropyl ether	6.659	45	284767	19.532	ug/l	99
23) Vinyl Acetate	6.589	43	1263475	95.256	ug/l	98
24) 1,1-Dichloroethane	6.559	63	151717	18.980	ug/l	99
25) 2-Butanone	7.471	43	366930	96.703	ug/l	99
26) 2,2-Dichloropropane	7.471	77	131518	19.170	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	92241	19.096	ug/l	98
28) Bromochloromethane	7.794	49	68719	17.782	ug/l	100
29) Tetrahydrofuran	7.830	42	234760	96.138	ug/l	99
30) Chloroform	7.947	83	165649	20.302	ug/l	94
31) Cyclohexane	8.241	56	119732	17.967	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	136846	19.791	ug/l	97
36) 1,1-Dichloropropene	8.353	75	100769	18.945	ug/l	98
37) Ethyl Acetate	7.547	43	150409	20.693	ug/l	99
38) Carbon Tetrachloride	8.341	117	112680	21.456	ug/l	93
39) Methylcyclohexane	9.583	83	110999	18.954	ug/l	97
40) Benzene	8.588	78	332807	20.399	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 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 :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	82456	21.900	ug/l		95
42) 1,2-Dichloroethane	8.653	62	129154	20.601	ug/l		98
43) Isopropyl Acetate	8.677	43	235768	20.776	ug/l		99
44) Trichloroethene	9.330	130	76012	20.407	ug/l		98
45) 1,2-Dichloropropane	9.600	63	85499	19.882	ug/l		98
46) Dibromomethane	9.683	93	64916	21.213	ug/l		98
47) Bromodichloromethane	9.871	83	134925	21.513	ug/l		94
48) Methyl methacrylate	9.665	41	109874	20.470	ug/l		97
49) 1,4-Dioxane	9.671	88	28068	403.436	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.424	43	744444	108.730	ug/l		100
52) Toluene	10.606	92	206022	20.370	ug/l		99
53) t-1,3-Dichloropropene	10.812	75	138171	21.284	ug/l		98
54) cis-1,3-Dichloropropene	10.288	75	141735	21.027	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	86280	22.052	ug/l		96
56) Ethyl methacrylate	10.859	69	130062	20.801	ug/l		97
57) 1,3-Dichloropropane	11.141	76	146172	21.110	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	308927	91.281	ug/l		99
59) 2-Hexanone	11.177	43	481127	111.189	ug/l		98
60) Dibromochloromethane	11.335	129	98766	21.786	ug/l		100
61) 1,2-Dibromoethane	11.447	107	89587	21.715	ug/l		97
64) Tetrachloroethene	11.082	164	61912	19.764	ug/l		94
65) Chlorobenzene	11.871	112	231898	20.645	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.935	131	82123	22.022	ug/l		97
67) Ethyl Benzene	11.941	91	393494	20.232	ug/l		100
68) m/p-Xylenes	12.047	106	299338	41.967	ug/l		95
69) o-Xylene	12.376	106	136754	19.564	ug/l		99
70) Styrene	12.388	104	245673	20.979	ug/l		98
71) Bromoform	12.553	173	64901	22.693	ug/l	#	98
73) Isopropylbenzene	12.671	105	367905	19.235	ug/l		100
74) N-amyl acetate	12.541	43	124884m	17.229	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	140037	21.265	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	120754m	21.754	ug/l		
77) Bromobenzene	12.959	156	90349	20.034	ug/l		98
78) n-propylbenzene	13.012	91	460998	19.567	ug/l		99
79) 2-Chlorotoluene	13.100	91	274914	19.390	ug/l		100
80) 1,3,5-Trimethylbenzene	13.147	105	316481	19.505	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	40528	19.329	ug/l		90
82) 4-Chlorotoluene	13.200	91	292510	19.623	ug/l		98
83) tert-Butylbenzene	13.412	119	270855	20.032	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	317922	19.573	ug/l		99
85) sec-Butylbenzene	13.594	105	410735	20.470	ug/l		100
86) p-Isopropyltoluene	13.706	119	337508	20.370	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	175185	19.726	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	183301	19.833	ug/l		99
89) n-Butylbenzene	14.035	91	328447	19.960	ug/l		98
90) Hexachloroethane	14.312	117	69127	21.899	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	170592	20.247	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	31540	20.162	ug/l		97
93) 1,2,4-Trichlorobenzene	15.365	180	99886	19.742	ug/l		99
94) Hexachlorobutadiene	15.470	225	40181	22.276	ug/l		98
95) Naphthalene	15.612	128	344659	19.232	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	98128	19.839	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 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 :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

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

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

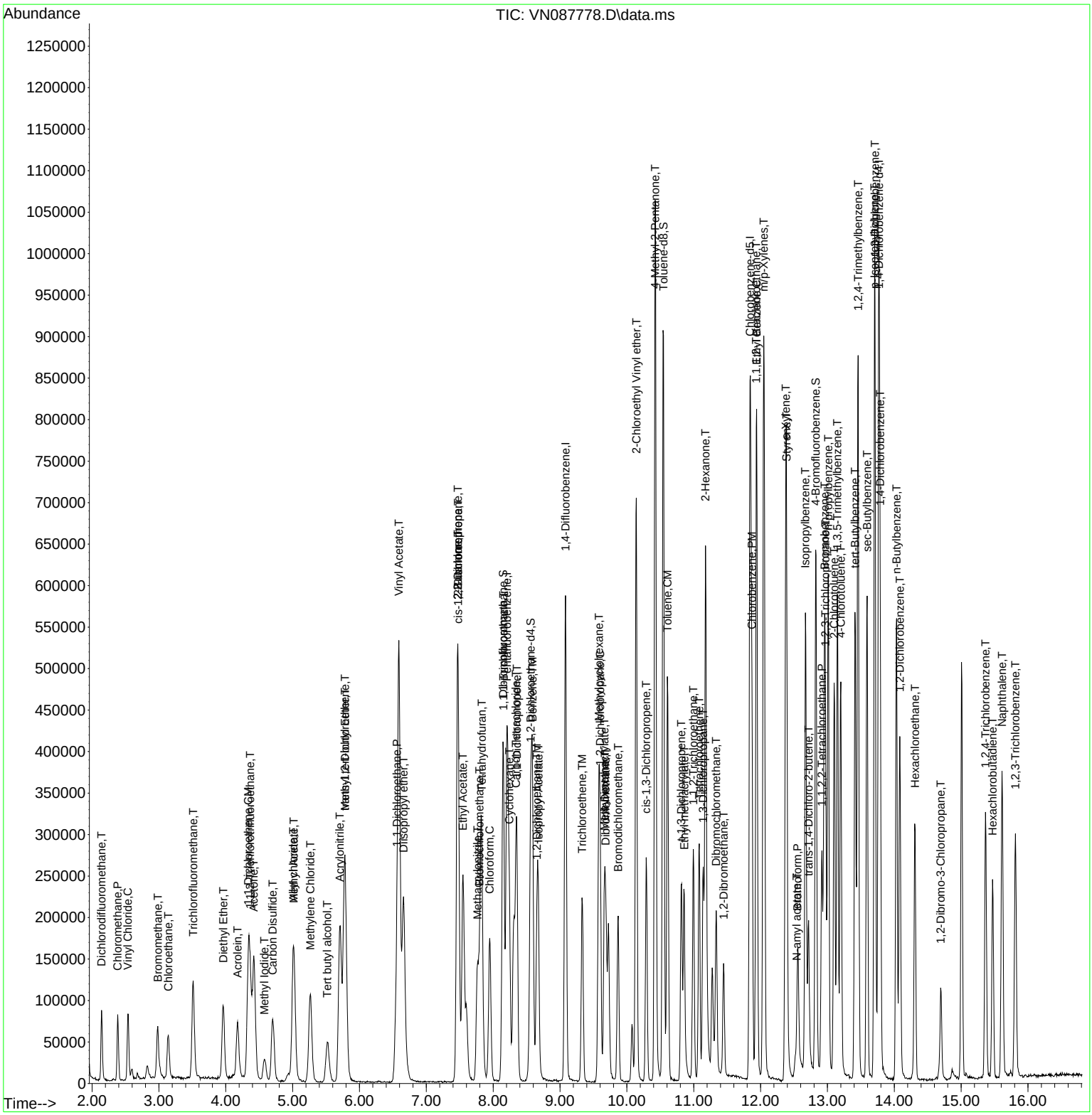
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 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 :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



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:	VN091025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087774.D	1,2,3-Trichloropropane	sam	9/11/2025 9:11:57 AM	MMDadoda	9/11/2025 5:36:45 PM	Peak Integrated by Software
VSTDCCC050	VN087774.D	N-amyl acetate	sam	9/11/2025 9:11:57 AM	MMDadoda	9/11/2025 5:36:45 PM	Peak Integrated by Software
VN0910WBS01	VN087777.D	1,2,3-Trichloropropane	sam	9/11/2025 9:12:02 AM	MMDadoda	9/11/2025 5:36:39 PM	Peak Integrated by Software
VN0910WBS01	VN087777.D	N-amyl acetate	sam	9/11/2025 9:12:02 AM	MMDadoda	9/11/2025 5:36:39 PM	Peak Integrated by Software
VN0910WBSD01	VN087778.D	1,2,3-Trichloropropane	sam	9/11/2025 9:12:06 AM	MMDadoda	9/11/2025 5:36:36 PM	Peak Integrated by Software
VN0910WBSD01	VN087778.D	N-amyl acetate	sam	9/11/2025 9:12:06 AM	MMDadoda	9/11/2025 5:36:36 PM	Peak Integrated by Software
VSTDCCC050	VN087790.D	1,2,3-Trichloropropane	sam	9/11/2025 9:12:33 AM	MMDadoda	9/11/2025 5:36:15 PM	Peak Integrated by Software
VSTDCCC050	VN087790.D	N-amyl acetate	sam	9/11/2025 9:12:33 AM	MMDadoda	9/11/2025 5:36:15 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

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

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

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

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091025

Review By	Mahesh Dadoda	Review On	9/11/2025 5:36:58 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/11/2025 5:39:28 PM				
SubDirectory	VN091025	HP Acquire Method	MSVOA_N		HP Processing Method	VN082125W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP135412
Initial Calibration Stds	
CCC	VP135413,VP135414
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087773.D	10 Sep 2025 11:13	JC\MD	Ok
2	VSTDCCC050	VN087774.D	10 Sep 2025 11:47	JC\MD	Ok,M
3	VN0910MBL01	VN087775.D	10 Sep 2025 12:25	JC\MD	Ok
4	VN0910WBL01	VN087776.D	10 Sep 2025 12:46	JC\MD	Ok
5	VN0910WBS01	VN087777.D	10 Sep 2025 13:29	JC\MD	Ok,M
6	VN0910WBSD01	VN087778.D	10 Sep 2025 13:50	JC\MD	Ok,M
7	Q3045-06	VN087779.D	10 Sep 2025 14:24	JC\MD	Dilution
8	Q3045-06DL	VN087780.D	10 Sep 2025 15:06	JC\MD	Ok
9	VIBLK	VN087781.D	10 Sep 2025 15:26	JC\MD	Ok
10	Q3058-03	VN087782.D	10 Sep 2025 15:47	JC\MD	Ok
11	VIBLK	VN087783.D	10 Sep 2025 16:08	JC\MD	Ok
12	Q3045-05	VN087784.D	10 Sep 2025 16:29	JC\MD	Dilution
13	Q3045-05DL	VN087785.D	10 Sep 2025 16:50	JC\MD	Ok,M
14	Q3045-05DL	VN087786.D	10 Sep 2025 17:11	JC\MD	Not Ok
15	VIBLK	VN087787.D	10 Sep 2025 17:32	JC\MD	Ok
16	PB169608TB	VN087788.D	10 Sep 2025 17:53	JC\MD	Ok,M
17	PB169609TB	VN087789.D	10 Sep 2025 18:14	JC\MD	Ok,M
18	VSTDCCC050	VN087790.D	10 Sep 2025 18:35	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	82N082125W.M

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

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

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091025

Review By	Mahesh Dadoda	Review On	9/11/2025 5:36:58 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/11/2025 5:39:28 PM		
SubDirectory	VN091025	HP Acquire Method	MSVOA_N	HP Processing Method	VN082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135412
Initial Calibration Stds	
CCC	VP135413,VP135414
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087773.D	10 Sep 2025 11:13		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087774.D	10 Sep 2025 11:47		JC\MD	Ok,M
3	VN0910MBL01	VN0910MBL01	VN087775.D	10 Sep 2025 12:25		JC\MD	Ok
4	VN0910WBL01	VN0910WBL01	VN087776.D	10 Sep 2025 12:46		JC\MD	Ok
5	VN0910WBS01	VN0910WBS01	VN087777.D	10 Sep 2025 13:29		JC\MD	Ok,M
6	VN0910WBSD01	VN0910WBSD01	VN087778.D	10 Sep 2025 13:50		JC\MD	Ok,M
7	Q3045-06	DNAPL	VN087779.D	10 Sep 2025 14:24	Need 200X,vial A pH# 9	JC\MD	Dilution
8	Q3045-06DL	DNAPLDL	VN087780.D	10 Sep 2025 15:06		JC\MD	Ok
9	VIBLK	VIBLK	VN087781.D	10 Sep 2025 15:26		JC\MD	Ok
10	Q3058-03	MW4	VN087782.D	10 Sep 2025 15:47	vial A pH<2	JC\MD	Ok
11	VIBLK	VIBLK	VN087783.D	10 Sep 2025 16:08		JC\MD	Ok
12	Q3045-05	DNAPL-OIL	VN087784.D	10 Sep 2025 16:29	Need 50X,vial A pH# 5	JC\MD	Dilution
13	Q3045-05DL	DNAPL-OILDL	VN087785.D	10 Sep 2025 16:50		JC\MD	Ok,M
14	Q3045-05DL	DNAPL-OILDL	VN087786.D	10 Sep 2025 17:11	Not required	JC\MD	Not Ok
15	VIBLK	VIBLK	VN087787.D	10 Sep 2025 17:32		JC\MD	Ok
16	PB169608TB	PB169608TB	VN087788.D	10 Sep 2025 17:53	vial A pH# 5	JC\MD	Ok,M
17	PB169609TB	PB169609TB	VN087789.D	10 Sep 2025 18:14	vial A pH# 5	JC\MD	Ok,M
18	VSTDCCC050	VSTDCCC050EC	VN087790.D	10 Sep 2025 18:35		JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091025

Review By	Mahesh Dadoda	Review On	9/11/2025 5:36:58 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/11/2025 5:39:28 PM		
SubDirectory	VN091025	HP Acquire Method	MSVOA_N	HP Processing Method	VN082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135412
Initial Calibration Stds	
CCC	VP135413,VP135414
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3058	**OrderDate:**	9/9/2025 1:49:00 PM
Client:	G Environmental	**Project:**	Buffington
Contact:	Gary Landis	**Location:**	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3058-03	**MW4**	**Water**			**09/09/25**			**09/09/25**
			VOCMS Group1	8260-Low			09/10/25	