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

Hit Summary Sheet
SW-846

SDG No.: Q2964

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW3**								
Q2964-02	MW3	Water	Chloromethane		230	E	0.32	1.00	ug/L
Q2964-02	MW3	Water	Bromomethane		24.2		1.40	5.00	ug/L
Q2964-02	MW3	Water	Chloroethane		3.00		0.47	1.00	ug/L
Q2964-02	MW3	Water	Acetone		660		1.50	5.00	ug/L
Q2964-02	MW3	Water	Carbon Disulfide		1.20		0.21	1.00	ug/L
Q2964-02	MW3	Water	Methyl Acetate		4.20		0.27	1.00	ug/L
Q2964-02	MW3	Water	2-Butanone		56.7		0.98	5.00	ug/L
Q2964-02	MW3	Water	Chloroform		7.40		0.25	1.00	ug/L
			Total Voc :		987				
Q2964-02	MW3	Water	2-Propanone, 1,1-dichloro-	*	18.4	J	0	0	ug/L
Q2964-02	MW3	Water	Methyl Iodide	*	16.1	J	0.83	5.00	ug/L
			Total Tics :		34.5				
			Total Concentration:		1020				
Client ID:	**MW3DL**								
Q2964-02DL	MW3DL	Water	Chloromethane		250	D	1.60	5.00	ug/L
Q2964-02DL	MW3DL	Water	Bromomethane		25.5	D	7.20	25.0	ug/L
Q2964-02DL	MW3DL	Water	Acetone		750	D	7.60	25.0	ug/L
Q2964-02DL	MW3DL	Water	Methyl Acetate		6.20	D	1.40	5.00	ug/L
Q2964-02DL	MW3DL	Water	2-Butanone		56.9	D	4.90	25.0	ug/L
Q2964-02DL	MW3DL	Water	Chloroform		10.0	D	1.30	5.00	ug/L
			Total Voc :		1100				
			Total Concentration:		1100				

SAMPLE DATA

Raw Data: **VN087674.D**

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:	08/25/25
Project:	Buff	Date Received:	08/26/25
Client Sample ID:	MW3	SDG No.:	Q2964
Lab Sample ID:	Q2964-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087674.D	1	08/26/25 16:45	VN082625

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	230	E	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	24.2		1.40	5.00	ug/L
75-00-3	Chloroethane	3.00		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	660		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.20		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	4.20		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	56.7		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	7.40		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VN087674.D**

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:	08/25/25
Project:	Buff	Date Received:	08/26/25
Client Sample ID:	MW3	SDG No.:	Q2964
Lab Sample ID:	Q2964-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087674.D	1	08/26/25 16:45	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	46.1		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	163000	8.206			
540-36-3	1,4-Difluorobenzene	371000	9.082			
3114-55-4	Chlorobenzene-d5	353000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	163000	13.764			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087674.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	08/25/25
Project:	Buff	Date Received:	08/26/25
Client Sample ID:	MW3	SDG No.:	Q2964
Lab Sample ID:	Q2964-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087674.D	1	08/26/25 16:45	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
74-88-4	Methyl Iodide	16.1	J		4.59	ug/L
000513-88-2	2-Propanone, 1,1-dichloro-	18.4	J		10.5	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

Raw Data: **VX047539.D**

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:	08/25/25
Project:	Buff	Date Received:	08/26/25
Client Sample ID:	MW3DL	SDG No.:	Q2964
Lab Sample ID:	Q2964-02DL	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047539.D	5	08/27/25 14:44	VX082725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	5.00	ug/L
74-87-3	Chloromethane	250	D	1.60	5.00	ug/L
75-01-4	Vinyl Chloride	1.30	UD	1.30	5.00	ug/L
74-83-9	Bromomethane	25.5	D	7.20	25.0	ug/L
75-00-3	Chloroethane	2.40	UD	2.40	5.00	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	5.00	ug/L
75-35-4	1,1-Dichloroethene	1.20	UD	1.20	5.00	ug/L
67-64-1	Acetone	750	D	7.60	25.0	ug/L
75-15-0	Carbon Disulfide	1.10	UD	1.10	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	5.00	ug/L
79-20-9	Methyl Acetate	6.20	D	1.40	5.00	ug/L
75-09-2	Methylene Chloride	1.40	UD	1.40	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.20	UD	1.20	5.00	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	5.00	ug/L
110-82-7	Cyclohexane	7.30	UD	7.30	25.0	ug/L
78-93-3	2-Butanone	56.9	D	4.90	25.0	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.95	UD	0.95	5.00	ug/L
74-97-5	Bromochloromethane	1.10	UD	1.10	5.00	ug/L
67-66-3	Chloroform	10.0	D	1.30	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	UD	1.00	5.00	ug/L
108-87-2	Methylcyclohexane	0.80	UDQ	0.80	5.00	ug/L
71-43-2	Benzene	0.75	UD	0.75	5.00	ug/L
107-06-2	1,2-Dichloroethane	1.10	UD	1.10	5.00	ug/L
79-01-6	Trichloroethene	0.47	UD	0.47	5.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	UD	1.00	5.00	ug/L
75-27-4	Bromodichloromethane	1.10	UD	1.10	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	3.40	UD	3.40	25.0	ug/L
108-88-3	Toluene	0.70	UD	0.70	5.00	ug/L

Raw Data: **VX047539.D**

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:	08/25/25
Project:	Buff	Date Received:	08/26/25
Client Sample ID:	MW3DL	SDG No.:	Q2964
Lab Sample ID:	Q2964-02DL	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047539.D	5	08/27/25 14:44	VX082725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.85	UD	0.85	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.80	UD	0.80	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	5.00	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	25.0	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.75	UD	0.75	5.00	ug/L
127-18-4	Tetrachloroethene	1.20	UD	1.20	5.00	ug/L
108-90-7	Chlorobenzene	0.60	UD	0.60	5.00	ug/L
100-41-4	Ethyl Benzene	0.65	UD	0.65	5.00	ug/L
179601-23-1	m/p-Xylenes	1.20	UD	1.20	10.0	ug/L
95-47-6	o-Xylene	0.60	UD	0.60	5.00	ug/L
100-42-5	Styrene	0.75	UD	0.75	5.00	ug/L
75-25-2	Bromoform	0.95	UD	0.95	5.00	ug/L
98-82-8	Isopropylbenzene	0.60	UD	0.60	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.30	UD	1.30	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.80	UD	0.80	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	UD	0.95	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.80	UD	0.80	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	UD	2.70	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	UD	1.00	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.5		70 (74) - 130 (125)	119%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.0		70 (77) - 130 (121)	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	5.556			
540-36-3	1,4-Difluorobenzene	371000	6.763			
3114-55-4	Chlorobenzene-d5	366000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	181000	12.018			

Raw Data: **VX047539.D**

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:	08/25/25
Project:	Buff	Date Received:	08/26/25
Client Sample ID:	MW3DL	SDG No.:	Q2964
Lab Sample ID:	Q2964-02DL	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047539.D	5	08/27/25 14:44	VX082725

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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2964

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2964-02	MW3	1,2-Dichloroethane-d4	50	53.9	108		70 (74)	130 (125)
		Dibromofluoromethane	50	50.5	101		70 (75)	130 (124)
		Toluene-d8	50	46.1	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.8	94		70 (77)	130 (121)
Q2964-02DL	MW3DL	1,2-Dichloroethane-d4	50	59.5	119		70 (74)	130 (125)
		Dibromofluoromethane	50	54.2	108		70 (75)	130 (124)
		Toluene-d8	50	50.7	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.0	116		70 (77)	130 (121)
VN0826WBL01	VN0826WBL01	1,2-Dichloroethane-d4	50	54.6	109		70 (74)	130 (125)
		Dibromofluoromethane	50	50.7	101		70 (75)	130 (124)
		Toluene-d8	50	48.3	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.5	93		70 (77)	130 (121)
VN0826WBS01	VN0826WBS01	1,2-Dichloroethane-d4	50	48.0	96		70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93		70 (75)	130 (124)
		Toluene-d8	50	46.3	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.3	95		70 (77)	130 (121)
VN0826WBSD0	VN0826WBSD01	1,2-Dichloroethane-d4	50	45.6	91		70 (74)	130 (125)
		Dibromofluoromethane	50	47.8	96		70 (75)	130 (124)
		Toluene-d8	50	46.8	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.0	94		70 (77)	130 (121)
VX0827WBL01	VX0827WBL01	1,2-Dichloroethane-d4	50	53.9	108		70 (74)	130 (125)
		Dibromofluoromethane	50	48.5	97		70 (75)	130 (124)
		Toluene-d8	50	47.5	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.2	108		70 (77)	130 (121)
VX0827WBS01	VX0827WBS01	1,2-Dichloroethane-d4	50	58.5	117		70 (74)	130 (125)
		Dibromofluoromethane	50	54.1	108		70 (75)	130 (124)
		Toluene-d8	50	51.2	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.4	113		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2964 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087671.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0826WBS01	Dichlorodifluoromethane	20	22.9	ug/L	115			40 (69)	160 (116)	
	Chloromethane	20	21.0	ug/L	105			40 (65)	160 (116)	
	Vinyl chloride	20	21.1	ug/L	106			70 (65)	130 (117)	
	Bromomethane	20	21.6	ug/L	108			40 (58)	160 (125)	
	Chloroethane	20	20.8	ug/L	104			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.5	ug/L	103			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70 (80)	130 (112)	
	1,1-Dichloroethene	20	20.6	ug/L	103			70 (74)	130 (110)	
	Acetone	100	99.0	ug/L	99			40 (60)	160 (125)	
	Carbon disulfide	20	19.2	ug/L	96			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			70 (78)	130 (114)	
	Methyl Acetate	20	21.7	ug/L	109			70 (67)	130 (125)	
	Methylene Chloride	20	19.7	ug/L	99			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.8	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	19.3	ug/L	97			70 (75)	130 (110)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.9	ug/L	100			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.9	ug/L	100			70 (77)	130 (110)	
	Bromochloromethane	20	19.4	ug/L	97			70 (70)	130 (124)	
	Chloroform	20	20.7	ug/L	104			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			70 (80)	130 (108)	
	Methylcyclohexane	20	18.3	ug/L	92			70 (72)	130 (115)	
	Benzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.5	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	18.8	ug/L	94			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.0	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	20.3	ug/L	102			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.4	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.6	ug/L	103			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.0	ug/L	100			70 (81)	130 (110)	
	Tetrachloroethene	20	18.9	ug/L	95			70 (67)	130 (123)	
	Chlorobenzene	20	19.5	ug/L	98			70 (82)	130 (109)	
	Ethyl Benzene	20	19.4	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	38.9	ug/L	97			70 (82)	130 (110)	
	o-Xylene	20	19.6	ug/L	98			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	20.4	ug/L	102			70 (79)	130 (109)	
	Isopropylbenzene	20	18.7	ug/L	94			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.4	ug/L	102			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2964 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087671.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0826WBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.4	ug/L	92			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2964 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087672.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0826WBSD01	Dichlorodifluoromethane	20	23.1	ug/L	116	1		40 (69)	160 (116)	20 (19)
	Chloromethane	20	21.3	ug/L	106	1		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	21.4	ug/L	107	1		70 (65)	130 (117)	20 (19)
	Bromomethane	20	22.0	ug/L	110	2		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.0	ug/L	100	4		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	21.7	ug/L	109	6		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	21.6	ug/L	108	10		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	20.3	ug/L	102	1		70 (74)	130 (110)	20 (20)
	Acetone	100	91.4	ug/L	91	8		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.7	ug/L	94	2		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.9	ug/L	100	0		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	21.1	ug/L	106	3		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.8	ug/L	99	0		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.0	ug/L	95	2		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.7	ug/L	99	0		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	20.6	ug/L	103	6		70 (75)	130 (110)	20 (20)
	2-Butanone	100	95.3	ug/L	95	5		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	20.8	ug/L	104	4		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	18.4	ug/L	92	5		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.0	ug/L	100	4		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.6	ug/L	98	2		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.8	ug/L	99	7		70 (72)	130 (115)	20 (20)
	Benzene	20	20.1	ug/L	101	1		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.4	ug/L	102	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.4	ug/L	97	3		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.6	ug/L	98	2		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	19.8	ug/L	99	3		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (25)
	Toluene	20	19.8	ug/L	99	0		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.2	ug/L	101	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.6	ug/L	103	1		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	21.2	ug/L	106	3		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	19.5	ug/L	98	4		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.1	ug/L	101	1		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	20.0	ug/L	100	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.7	ug/L	99	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	20.4	ug/L	102	5		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	40.7	ug/L	102	5		70 (82)	130 (110)	20 (15)
	o-Xylene	20	20.1	ug/L	101	3		70 (83)	130 (109)	20 (20)
	Styrene	20	20.2	ug/L	101	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	20.2	ug/L	101	1		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.4	ug/L	97	3		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	20.7	ug/L	104	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.7	ug/L	99	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.2	ug/L	96	1		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	20.0	ug/L	100	1		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2964 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087672.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0826WBSD01	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102	9		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97	0		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97	5		70 (76)	130 (114)	20 (29)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2964 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX047537.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0827WBS01	Dichlorodifluoromethane	20	16.1	ug/L	81			40 (69)	160 (116)	
	Chloromethane	20	17.2	ug/L	86			40 (65)	160 (116)	
	Vinyl chloride	20	16.6	ug/L	83			70 (65)	130 (117)	
	Bromomethane	20	20.0	ug/L	100			40 (58)	160 (125)	
	Chloroethane	20	17.1	ug/L	86			40 (56)	160 (128)	
	Trichlorofluoromethane	20	17.1	ug/L	86			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	17.4	ug/L	87			70 (80)	130 (112)	
	1,1-Dichloroethene	20	17.7	ug/L	89			70 (74)	130 (110)	
	Acetone	100	95.2	ug/L	95			40 (60)	160 (125)	
	Carbon disulfide	20	15.0	ug/L	75			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.8	ug/L	104			70 (78)	130 (114)	
	Methyl Acetate	20	23.8	ug/L	119			70 (67)	130 (125)	
	Methylene Chloride	20	19.4	ug/L	97			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.4	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.7	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	16.0	ug/L	80			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	17.0	ug/L	85			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.7	ug/L	99			70 (77)	130 (110)	
	Bromochloromethane	20	23.7	ug/L	119			70 (70)	130 (124)	
	Chloroform	20	20.4	ug/L	102			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.7	ug/L	94			70 (80)	130 (108)	
	Methylcyclohexane	20	13.6	ug/L	68		*	70 (72)	130 (115)	
	Benzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.3	ug/L	97			70 (80)	130 (115)	
	Trichloroethene	20	17.3	ug/L	86			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.3	ug/L	97			70 (83)	130 (111)	
	Bromodichloromethane	20	19.2	ug/L	96			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	18.6	ug/L	93			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.4	ug/L	97			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.7	ug/L	99			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.3	ug/L	102			70 (83)	130 (112)	
	2-Hexanone	100	98.6	ug/L	99			40 (73)	160 (117)	
	Dibromochloromethane	20	19.8	ug/L	99			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.4	ug/L	97			70 (81)	130 (110)	
	Tetrachloroethene	20	16.6	ug/L	83			70 (67)	130 (123)	
	Chlorobenzene	20	17.9	ug/L	90			70 (82)	130 (109)	
	Ethyl Benzene	20	17.6	ug/L	88			70 (83)	130 (109)	
	m/p-Xylenes	40	35.6	ug/L	89			70 (82)	130 (110)	
	o-Xylene	20	18.2	ug/L	91			70 (83)	130 (109)	
	Styrene	20	19.0	ug/L	95			70 (80)	130 (111)	
	Bromoform	20	19.5	ug/L	98			70 (79)	130 (109)	
	Isopropylbenzene	20	16.2	ug/L	81			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.9	ug/L	90			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	16.5	ug/L	83			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	16.8	ug/L	84			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	17.3	ug/L	86			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2964 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX047537.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0827WBS01	1,2-Dibromo-3-Chloropropane	20	16.3	ug/L	81			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	14.9	ug/L	75			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	14.8	ug/L	74			70 (76)	130 (114)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0826WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2964

Lab File ID: VN087670.D | Lab Sample ID: VN0826WBL01

Date Analyzed: 08/26/2025 | Time Analyzed: 15:08

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
VN0826WBS01	VN0826WBS01	VN087671.D	08/26/2025
VN0826WBSD01	VN0826WBSD01	VN087672.D	08/26/2025
MW3	Q2964-02	VN087674.D	08/26/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0827WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2964

Lab File ID: VX047536.D Lab Sample ID: VX0827WBL01

Date Analyzed: 08/27/2025 Time Analyzed: 13:14

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0827WBS01	VX0827WBS01	VX047537.D	08/27/2025
MW3DL	Q2964-02DL	VX047539.D	08/27/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2964

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.: Q2964

Lab File ID: VN087667.D | BFB Injection Date: 08/26/2025

Instrument ID: MSVOA_N | BFB Injection Time: 12:36

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	26.1
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.2 (0.2) 1
174	50.0 - 100.0% of mass 95	67.9
175	5.0 - 9.0% of mass 174	4.9 (7.2) 1
176	95.0 - 101.0% of mass 174	65.2 (96) 1
177	5.0 - 9.0% of mass 176	3.9 (6) 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	VN087668.D	08/26/2025	13:38
VN0826WBL01	VN0826WBL01	VN087670.D	08/26/2025	15:08
VN0826WBS01	VN0826WBS01	VN087671.D	08/26/2025	15:29
VN0826WBSD01	VN0826WBSD01	VN087672.D	08/26/2025	16:02
MW3	Q2964-02	VN087674.D	08/26/2025	16:45

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2964

Lab File ID: VX047347.D | BFB Injection Date: 08/15/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:28

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71.9 (96.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX047349.D	08/15/2025	09:40
VSTDICC020	VSTDICC020	VX047350.D	08/15/2025	10:01
VSTDICCC050	VSTDICCC050	VX047351.D	08/15/2025	10:22
VSTDICC100	VSTDICC100	VX047352.D	08/15/2025	10:43
VSTDICC150	VSTDICC150	VX047353.D	08/15/2025	11:05
VSTDICC001	VSTDICC001	VX047356.D	08/15/2025	12:30

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2964

Lab File ID: VX047533.D | BFB Injection Date: 08/27/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:01

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.8
75	30.0 - 60.0% of mass 95	53.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	76.7
175	5.0 - 9.0% of mass 174	6 (7.8) 1
176	95.0 - 101.0% of mass 174	74.5 (97.2) 1
177	5.0 - 9.0% of mass 176	4.5 (6.1) 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	VX047534.D	08/27/2025	12:23
VX0827WBL01	VX0827WBL01	VX047536.D	08/27/2025	13:14
VX0827WBS01	VX0827WBS01	VX047537.D	08/27/2025	13:41
MW3DL	Q2964-02DL	VX047539.D	08/27/2025	14:44

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2964

Lab File ID: VN087668.D Date Analyzed: 08/26/2025

Instrument ID: MSVOA_N Time Analyzed: 13:38

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	202424	8.21	396757	9.08	378748	11.85
UPPER LIMIT	404848	8.706	793514	9.583	757496	12.347
LOWER LIMIT	101212	7.706	198379	8.583	189374	11.347
EPA SAMPLE NO.						
MW3	162555	8.21	371496	9.08	353184	11.85
VN0826WBL01	165274	8.21	380815	9.08	356736	11.85
VN0826WBS01	198008	8.21	395232	9.08	367348	11.84
VN0826WBSD01	206976	8.21	396217	9.08	359977	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2964

Lab File ID: VN087668.D Date Analyzed: 08/26/2025

Instrument ID: MSVOA_N Time Analyzed: 13:38

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

	IS4 AREA #	RT #				
12 HOUR STD	193995	13.771				
UPPER LIMIT	387990	14.271				
LOWER LIMIT	96997.5	13.271				
EPA SAMPLE NO.						
MW3	162592	13.76				
VN0826WBL01	161997	13.77				
VN0826WBS01	187839	13.77				
VN0826WBSD01	184782	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2964

Lab File ID: VX047534.D Date Analyzed: 08/27/2025

Instrument ID: MSVOA_X Time Analyzed: 12:23

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	222169	5.56	378947	6.76	341098	10.05
UPPER LIMIT	444338	6.056	757894	7.263	682196	10.549
LOWER LIMIT	111085	5.056	189474	6.263	170549	9.549
EPA SAMPLE NO.						
MW3DL	187177	5.56	371185	6.76	366426	10.06
VX0827WBL01	194583	5.57	393301	6.77	391930	10.06
VX0827WBS01	218139	5.56	392410	6.76	366609	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2964

Lab File ID: VX047534.D Date Analyzed: 08/27/2025

Instrument ID: MSVOA_X Time Analyzed: 12:23

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

	IS4 AREA #	RT #				
12 HOUR STD	165835	12.018				
UPPER LIMIT	331670	12.518				
LOWER LIMIT	82917.5	11.518				
EPA SAMPLE NO.						
MW3DL	181024	12.02				
VX0827WBL01	194932	12.02				
VX0827WBS01	195246	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

Raw Data: **VN087670.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buff		Date Received:		
Client Sample ID:	VN0826WBL01		SDG No.:	Q2964	
Lab Sample ID:	VN0826WBL01		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
VN087670.D	1	08/26/25 15:08	VN082625

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buff		Date Received:		
Client Sample ID:	VN0826WBL01		SDG No.:	Q2964	
Lab Sample ID:	VN0826WBL01		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
VN087670.D	1	08/26/25 15:08	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	48.3		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	165000	8.206			
540-36-3	1,4-Difluorobenzene	381000	9.083			
3114-55-4	Chlorobenzene-d5	357000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	162000	13.771			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Buff			Date Received:	
Client Sample ID:	VN0826WBL01			SDG No.:	Q2964
Lab Sample ID:	VN0826WBL01			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
VN087670.D	1	08/26/25 15:08	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX047536.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buff	Date Received:	
Client Sample ID:	VX0827WBL01	SDG No.:	Q2964
Lab Sample ID:	VX0827WBL01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047536.D	1	08/27/25 13:14	VX082725

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buff		Date Received:		
Client Sample ID:	VX0827WBL01		SDG No.:	Q2964	
Lab Sample ID:	VX0827WBL01		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:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047536.D	1	08/27/25 13:14	VX082725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	47.5		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	5.568			
540-36-3	1,4-Difluorobenzene	393000	6.769			
3114-55-4	Chlorobenzene-d5	392000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	195000	12.018			

Raw Data: **VX047536.D**

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:	Buff	Date Received:	
Client Sample ID:	VX0827WBL01	SDG No.:	Q2964
Lab Sample ID:	VX0827WBL01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047536.D	1	08/27/25 13:14	VX082725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087671.D**

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:	Buff		Date Received:		
Client Sample ID:	VN0826WBS01		SDG No.:	Q2964	
Lab Sample ID:	VN0826WBS01		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
VN087671.D	1	08/26/25 15:29	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.9		0.22	1.00	ug/L
74-87-3	Chloromethane	21.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	21.1		0.26	1.00	ug/L
74-83-9	Bromomethane	21.6		1.40	5.00	ug/L
75-00-3	Chloroethane	20.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.5		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	20.6		0.23	1.00	ug/L
67-64-1	Acetone	99.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.3		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.3		0.16	1.00	ug/L
71-43-2	Benzene	20.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.7		0.14	1.00	ug/L

Raw Data: **VN087671.D**

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:	Buff		Date Received:		
Client Sample ID:	VN0826WBS01		SDG No.:	Q2964	
Lab Sample ID:	VN0826WBS01		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
VN087671.D	1	08/26/25 15:29	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.9		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	20.3		0.15	1.00	ug/L
75-25-2	Bromoform	20.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		70 (74) - 130 (125)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		70 (75) - 130 (124)	93%	SPK: 50
2037-26-5	Toluene-d8	46.3		70 (86) - 130 (113)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	8.206			
540-36-3	1,4-Difluorobenzene	395000	9.083			
3114-55-4	Chlorobenzene-d5	367000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	188000	13.771			

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:	Buff			Date Received:	
Client Sample ID:	VN0826WBS01			SDG No.:	Q2964
Lab Sample ID:	VN0826WBS01			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
VN087671.D	1	08/26/25 15:29	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX047537.D**

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:	Buff	Date Received:	
Client Sample ID:	VX0827WBS01	SDG No.:	Q2964
Lab Sample ID:	VX0827WBS01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047537.D	1	08/27/25 13:41	VX082725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.1		0.22	1.00	ug/L
74-87-3	Chloromethane	17.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.6		0.26	1.00	ug/L
74-83-9	Bromomethane	20.0		1.40	5.00	ug/L
75-00-3	Chloroethane	17.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
67-64-1	Acetone	95.2		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.4		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	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.0		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.7		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.7		0.22	1.00	ug/L
67-66-3	Chloroform	20.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	13.6		0.16	1.00	ug/L
71-43-2	Benzene	18.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	18.6		0.14	1.00	ug/L

Raw Data: **VX047537.D**

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:	Buff		Date Received:		
Client Sample ID:	VX0827WBS01		SDG No.:	Q2964	
Lab Sample ID:	VX0827WBS01		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:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047537.D	1	08/27/25 13:41	VX082725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	98.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.6		0.24	2.00	ug/L
95-47-6	o-Xylene	18.2		0.12	1.00	ug/L
100-42-5	Styrene	19.0		0.15	1.00	ug/L
75-25-2	Bromoform	19.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	16.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	16.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	14.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	14.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.5		70 (74) - 130 (125)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		70 (77) - 130 (121)	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	218000	5.556			
540-36-3	1,4-Difluorobenzene	392000	6.763			
3114-55-4	Chlorobenzene-d5	367000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	195000	12.018			

Raw Data: **VX047537.D**

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:	Buff	Date Received:	
Client Sample ID:	VX0827WBS01	SDG No.:	Q2964
Lab Sample ID:	VX0827WBS01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047537.D	1	08/27/25 13:41	VX082725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087672.D**

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:	Buff		Date Received:		
Client Sample ID:	VN0826WBSD01		SDG No.:	Q2964	
Lab Sample ID:	VN0826WBSD01		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
VN087672.D	1	08/26/25 16:02	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	23.1		0.22	1.00	ug/L
74-87-3	Chloromethane	21.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	21.4		0.26	1.00	ug/L
74-83-9	Bromomethane	22.0		1.40	5.00	ug/L
75-00-3	Chloroethane	20.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	21.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.3		0.23	1.00	ug/L
67-64-1	Acetone	91.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.8		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	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.6		1.50	5.00	ug/L
78-93-3	2-Butanone	95.3		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	18.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.16	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.8		0.14	1.00	ug/L

Raw Data: **VN087672.D**

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:	Buff		Date Received:		
Client Sample ID:	VN0826WBSD01		SDG No.:	Q2964	
Lab Sample ID:	VN0826WBSD01		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
VN087672.D	1	08/26/25 16:02	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.7		0.24	2.00	ug/L
95-47-6	o-Xylene	20.1		0.12	1.00	ug/L
100-42-5	Styrene	20.2		0.15	1.00	ug/L
75-25-2	Bromoform	20.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.7		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	19.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.6		70 (74) - 130 (125)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	46.8		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	207000	8.206			
540-36-3	1,4-Difluorobenzene	396000	9.082			
3114-55-4	Chlorobenzene-d5	360000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	185000	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:	Buff			Date Received:	
Client Sample ID:	VN0826WBSD01			SDG No.:	Q2964
Lab Sample ID:	VN0826WBSD01			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
VN087672.D	1	08/26/25 16:02	VN082625

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,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2964

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
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2964

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

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2964

Instrument ID: MSVOA_X Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:40 12:30

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

LAB FILE ID: RRF005 = VX047349.D RRF020 = VX047350.D RRF050 = VX047351.D
RRF100 = VX047352.D RRF150 = VX047353.D RRF001 = VX047356.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.558	0.638	0.731	0.671	0.680	0.546	0.637	11.4
Chloromethane	0.539	0.568	0.624	0.567	0.594	0.549	0.573	5.4
Vinyl Chloride	0.651	0.751	0.800	0.729	0.757	0.630	0.720	9.2
Bromomethane	0.251	0.296	0.336	0.309	0.261		0.291	11.9
Chloroethane	0.392	0.440	0.463	0.410	0.422	0.515	0.440	10
Trichlorofluoromethane	1.012	1.121	1.188	1.060	1.069	0.938	1.065	8.1
1,1,2-Trichlorotrifluoroethane	0.589	0.664	0.697	0.624	0.637	0.494	0.618	11.4
1,1-Dichloroethene	0.575	0.664	0.697	0.635	0.651	0.555	0.630	8.6
Acetone	0.259	0.310	0.280	0.240	0.240	0.249	0.263	10.5
Carbon Disulfide	1.747	1.916	1.993	1.819	1.854	2.069	1.900	6.2
Methyl tert-butyl Ether	1.768	2.019	2.175	1.962	2.014	1.554	1.915	11.5
Methyl Acetate	0.620	0.661	0.769	0.689	0.728	0.621	0.682	8.7
Methylene Chloride	0.645	0.732	0.757	0.669	0.684	0.691	0.697	5.9
trans-1,2-Dichloroethene	0.638	0.705	0.725	0.655	0.664	0.621	0.668	6
1,1-Dichloroethane	1.180	1.294	1.356	1.210	1.238	1.052	1.222	8.5
Cyclohexane	1.024	1.202	1.210	1.082	1.113		1.126	7
2-Butanone	0.328	0.378	0.389	0.342	0.343	0.287	0.344	10.6
Carbon Tetrachloride	0.536	0.596	0.607	0.549	0.554	0.515	0.560	6.3
cis-1,2-Dichloroethene	0.758	0.826	0.846	0.769	0.779	0.692	0.778	7
Bromochloromethane	0.543	0.402	0.540	0.560	0.525	0.481	0.508	11.6
Chloroform	1.236	1.328	1.368	1.214	1.243	1.091	1.247	7.8
1,1,1-Trichloroethane	1.043	1.151	1.195	1.081	1.106	0.863	1.073	10.8
Methylcyclohexane	0.589	0.673	0.695	0.640	0.642	0.595	0.639	6.5
Benzene	1.502	1.665	1.701	1.516	1.504	1.312	1.533	9.1
1,2-Dichloroethane	0.521	0.594	0.600	0.532	0.528	0.484	0.543	8.3
Trichloroethene	0.383	0.423	0.432	0.390	0.391	0.336	0.393	8.6
1,2-Dichloropropane	0.349	0.415	0.421	0.381	0.382	0.357	0.384	7.6
Bromodichloromethane	0.548	0.621	0.635	0.578	0.573	0.513	0.578	7.8
4-Methyl-2-Pentanone	0.408	0.479	0.509	0.451	0.444	0.346	0.440	13
Toluene	0.920	1.043	1.057	0.936	0.927	0.802	0.947	9.9

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2964

Instrument ID: MSVOA_X Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:40 12:30

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

LAB FILE ID: RRF005 = VX047349.D RRF020 = VX047350.D RRF050 = VX047351.D
RRF100 = VX047352.D RRF150 = VX047353.D RRF001 = VX047356.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.444	0.537	0.584	0.541	0.550	0.371	0.505	15.9
cis-1,3-Dichloropropene	0.531	0.608	0.642	0.592	0.602	0.451	0.571	12
1,1,2-Trichloroethane	0.358	0.393	0.396	0.352	0.347	0.313	0.360	8.6
2-Hexanone	0.284	0.338	0.347	0.310	0.306	0.239	0.304	12.9
Dibromochloromethane	0.412	0.461	0.464	0.426	0.420	0.382	0.428	7.3
1,2-Dibromoethane	0.358	0.397	0.409	0.365	0.361	0.336	0.371	7.2
Tetrachloroethene	0.351	0.384	0.398	0.360	0.360	0.316	0.362	7.8
Chlorobenzene	1.163	1.268	1.286	1.163	1.175	1.073	1.188	6.6
Ethyl Benzene	1.941	2.216	2.277	2.062	2.056	1.718	2.045	9.8
m/p-Xylenes	0.722	0.831	0.858	0.765	0.759	0.642	0.763	10.2
o-Xylene	0.679	0.793	0.813	0.735	0.732	0.651	0.734	8.6
Styrene	1.186	1.397	1.411	1.271	1.266	0.909	1.240	14.8
Bromoform	0.294	0.322	0.335	0.306	0.313	0.241	0.302	10.9
Isopropylbenzene	3.547	4.192	4.399	4.048	4.080	3.211	3.913	11.4
1,1,2,2-Tetrachloroethane	1.077	1.208	1.269	1.142	1.152	1.044	1.149	7.2
1,3-Dichlorobenzene	1.719	1.907	1.983	1.811	1.823	1.710	1.825	5.8
1,4-Dichlorobenzene	1.788	1.952	1.986	1.788	1.814	1.936	1.877	4.8
1,2-Dichlorobenzene	1.617	1.851	1.862	1.705	1.729	1.631	1.733	6.1
1,2-Dibromo-3-Chloropropane	0.182	0.225	0.247	0.238	0.249	0.191	0.222	13
1,2,4-Trichlorobenzene	1.030	1.168	1.234	1.191	1.204	1.144	1.161	6.2
1,2,3-Trichlorobenzene	0.919	1.109	1.174	1.132	1.160	1.075	1.095	8.5
1,2-Dichloroethane-d4	0.709	0.581	0.700	0.747	0.762		0.700	10.2
Dibromofluoromethane	0.310	0.278	0.331	0.354	0.349		0.325	9.6
Toluene-d8	1.157	0.994	1.171	1.246	1.232		1.160	8.7
4-Bromofluorobenzene	0.441	0.371	0.428	0.452	0.448		0.428	7.8

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2964
Instrument ID: MSVOA_N
Calibration Date/Time: 08/26/2025 13:38
Lab File ID: VN087668.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	0.773		8.87	20
Chloromethane	0.730	0.770	0.1	5.48	20
Vinyl Chloride	0.846	0.885		4.61	20
Bromomethane	0.437	0.424		-2.97	20
Chloroethane	0.595	0.603		1.35	20
Trichlorofluoromethane	1.240	1.324		6.77	20
1,1,2-Trichlorotrifluoroethane	0.701	0.730		4.14	20
1,1-Dichloroethene	0.721	0.721		0	20
Acetone	0.558	0.487		-12.72	20
Carbon Disulfide	1.985	1.940		-2.27	20
Methyl tert-butyl Ether	2.704	2.762		2.14	20
Methyl Acetate	1.168	1.242		6.34	20
Methylene Chloride	0.948	0.837		-11.71	20
trans-1,2-Dichloroethene	0.781	0.744		-4.74	20
1,1-Dichloroethane	1.546	1.543	0.1	-0.19	20
Cyclohexane	1.289	1.257		-2.48	20
2-Butanone	0.734	0.728		-0.82	20
Carbon Tetrachloride	0.547	0.575		5.12	20
cis-1,2-Dichloroethene	0.934	0.930		-0.43	20
Bromochloromethane	0.747	0.701		-6.16	20
Chloroform	1.578	1.615		2.35	20
1,1,1-Trichloroethane	1.337	1.334		-0.22	20
Methylcyclohexane	0.610	0.598		-1.97	20
Benzene	1.699	1.737		2.24	20
1,2-Dichloroethane	0.653	0.669		2.45	20
Trichloroethene	0.388	0.379		-2.32	20
1,2-Dichloropropane	0.448	0.457		2.01	20
Bromodichloromethane	0.653	0.679		3.98	20
4-Methyl-2-Pentanone	0.713	0.766		7.43	20
Toluene	1.053	1.081		2.66	20
t-1,3-Dichloropropene	0.676	0.703		3.99	20
cis-1,3-Dichloropropene	0.702	0.710		1.14	20
1,1,2-Trichloroethane	0.407	0.424		4.18	20
2-Hexanone	0.451	0.522		15.74	20
Dibromochloromethane	0.472	0.482		2.12	20
1,2-Dibromoethane	0.430	0.448		4.19	20
Tetrachloroethene	0.347	0.325		-6.34	20
Chlorobenzene	1.244	1.214	0.3	-2.41	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2964

Instrument ID: MSVOA_N Calibration Date/Time: 08/26/2025 13:38

Lab File ID: VN087668.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	2.194		1.86	20
m/p-Xylenes	0.790	0.821		3.92	20
o-Xylene	0.774	0.792		2.33	20
Styrene	1.297	1.394		7.48	20
Bromoform	0.317	0.338	0.1	6.63	20
Isopropylbenzene	4.040	3.940		-2.47	20
1,1,2,2-Tetrachloroethane	1.391	1.411	0.3	1.44	20
1,3-Dichlorobenzene	1.876	1.835		-2.19	20
1,4-Dichlorobenzene	1.952	1.876		-3.89	20
1,2-Dichlorobenzene	1.780	1.770		-0.56	20
1,2-Dibromo-3-Chloropropane	0.330	0.320		-3.03	20
1,2,4-Trichlorobenzene	1.069	1.031		-3.56	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	0.933		-8.89	20
Dibromofluoromethane	0.361	0.335		-7.2	20
Toluene-d8	1.351	1.262		-6.59	20
4-Bromofluorobenzene	0.481	0.453		-5.82	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.: Q2964
Instrument ID: MSVOA_X
Calibration Date/Time: 08/27/2025 12:23
Lab File ID: VX047534.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.559		-12.24	20
Chloromethane	0.573	0.524	0.1	-8.55	20
Vinyl Chloride	0.720	0.660		-8.33	20
Bromomethane	0.291	0.332		14.09	20
Chloroethane	0.440	0.403		-8.41	20
Trichlorofluoromethane	1.065	0.980		-7.98	20
1,1,2-Trichlorotrifluoroethane	0.618	0.598		-3.24	20
1,1-Dichloroethene	0.630	0.594		-5.71	20
Acetone	0.263	0.313		19.01	20
Carbon Disulfide	1.900	1.541		-18.9	20
Methyl tert-butyl Ether	1.915	2.083		8.77	20
Methyl Acetate	0.682	0.833		22.14	20
Methylene Chloride	0.697	0.697		0	20
trans-1,2-Dichloroethene	0.668	0.641		-4.04	20
1,1-Dichloroethane	1.222	1.264	0.1	3.44	20
Cyclohexane	1.126	0.964		-14.39	20
2-Butanone	0.344	0.396		15.12	20
Carbon Tetrachloride	0.560	0.529		-5.54	20
cis-1,2-Dichloroethene	0.778	0.789		1.41	20
Bromochloromethane	0.508	0.540		6.3	20
Chloroform	1.247	1.291		3.53	20
1,1,1-Trichloroethane	1.073	1.072		-0.09	20
Methylcyclohexane	0.639	0.522		-18.31	20
Benzene	1.533	1.529		-0.26	20
1,2-Dichloroethane	0.543	0.562		3.5	20
Trichloroethene	0.393	0.386		-1.78	20
1,2-Dichloropropane	0.384	0.403		4.95	20
Bromodichloromethane	0.578	0.610		5.54	20
4-Methyl-2-Pentanone	0.440	0.469		6.59	20
Toluene	0.947	0.951		0.42	20
t-1,3-Dichloropropene	0.505	0.569		12.67	20
cis-1,3-Dichloropropene	0.571	0.626		9.63	20
1,1,2-Trichloroethane	0.360	0.374		3.89	20
2-Hexanone	0.304	0.328		7.89	20
Dibromochloromethane	0.428	0.453		5.84	20
1,2-Dibromoethane	0.371	0.382		2.96	20
Tetrachloroethene	0.362	0.332		-8.29	20
Chlorobenzene	1.188	1.197	0.3	0.76	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.: Q2964
Instrument ID: MSVOA_X
Calibration Date/Time: 08/27/2025 12:23
Lab File ID: VX047534.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	2.023		-1.08	20
m/p-Xylenes	0.763	0.762		-0.13	20
o-Xylene	0.734	0.746		1.63	20
Styrene	1.240	1.306		5.32	20
Bromoform	0.302	0.315	0.1	4.3	20
Isopropylbenzene	3.913	3.925		0.31	20
1,1,2,2-Tetrachloroethane	1.149	1.197	0.3	4.18	20
1,3-Dichlorobenzene	1.825	1.800		-1.37	20
1,4-Dichlorobenzene	1.877	1.847		-1.6	20
1,2-Dichlorobenzene	1.733	1.760		1.56	20
1,2-Dibromo-3-Chloropropane	0.222	0.220		-0.9	20
1,2,4-Trichlorobenzene	1.161	1.057		-8.96	20
1,2,3-Trichlorobenzene	1.095	0.977		-10.78	20
1,2-Dichloroethane-d4	0.700	0.694		-0.86	20
Dibromofluoromethane	0.325	0.333		2.46	20
Toluene-d8	1.160	1.128		-2.76	20
4-Bromofluorobenzene	0.428	0.430		0.47	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\VN082625\
Data File : VN087674.D
Acq On : 26 Aug 2025 16:45
Operator : JC\MD
Sample : Q2964-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

Quant Time: Aug 27 01:51:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

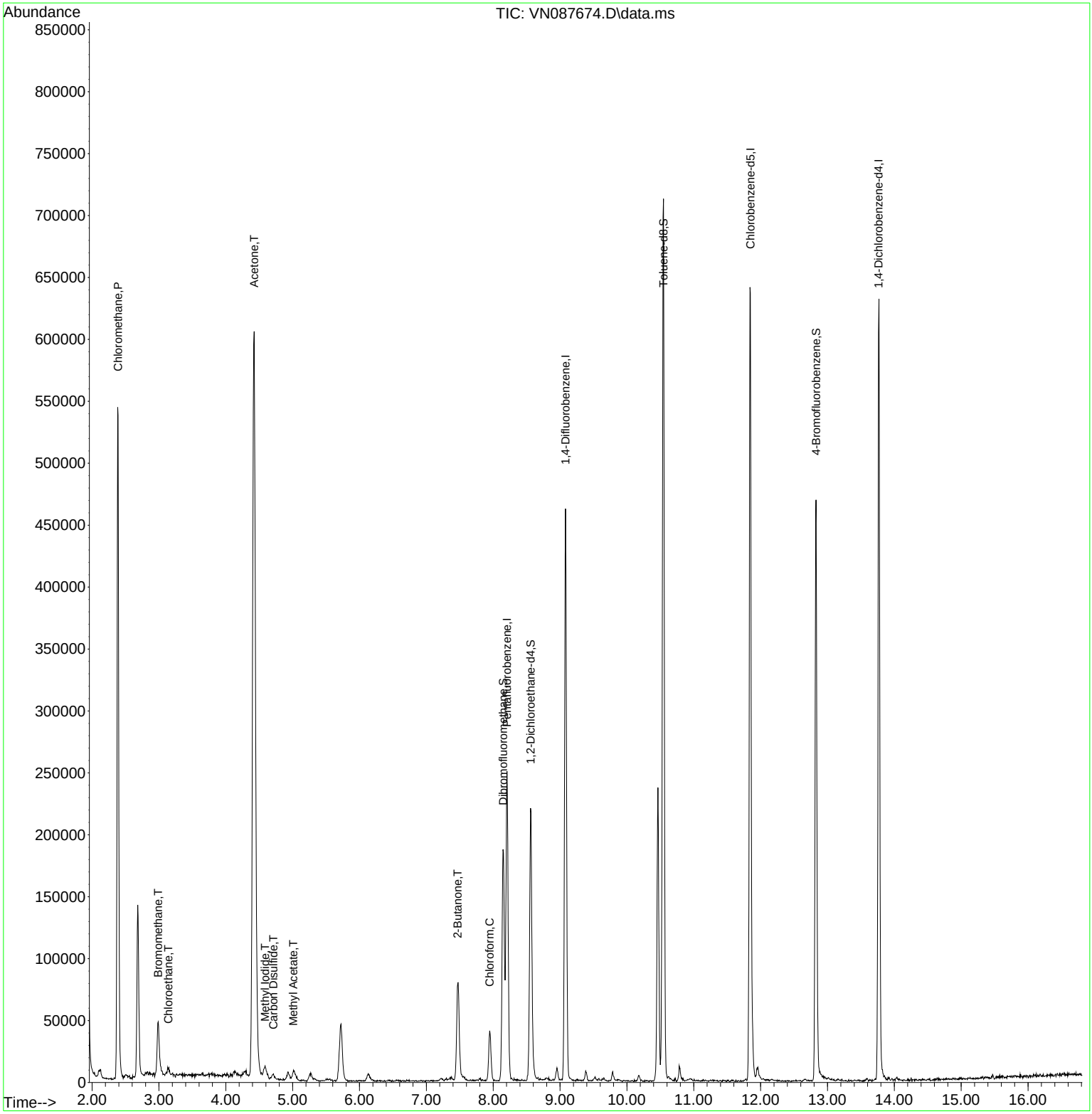
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	162555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	371496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	353184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	162592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	179637	53.936	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	8.147	113	135470	50.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.020%			
50) Toluene-d8	10.547	98	463062	46.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.260%			
62) 4-Bromofluorobenzene	12.829	95	167156	46.820	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.640%			
Target Compounds						Qvalue
3) Chloromethane	2.389	50	552275	232.770	ug/l	98
5) Bromomethane	2.989	94	34355	24.203	ug/l	99
6) Chloroethane	3.142	64	5703	2.950	ug/l	94
10) Methyl Iodide	4.589	142	18382	16.127	ug/l	95
16) Acetone	4.424	43	1198494	661.036	ug/l	96
17) Carbon Disulfide	4.712	76	7675	1.190	ug/l	97
18) Methyl Acetate	5.012	43	16088	4.238	ug/l	100
25) 2-Butanone	7.471	43	135182	56.673	ug/l	100
30) Chloroform	7.947	83	37839	7.377	ug/l	95

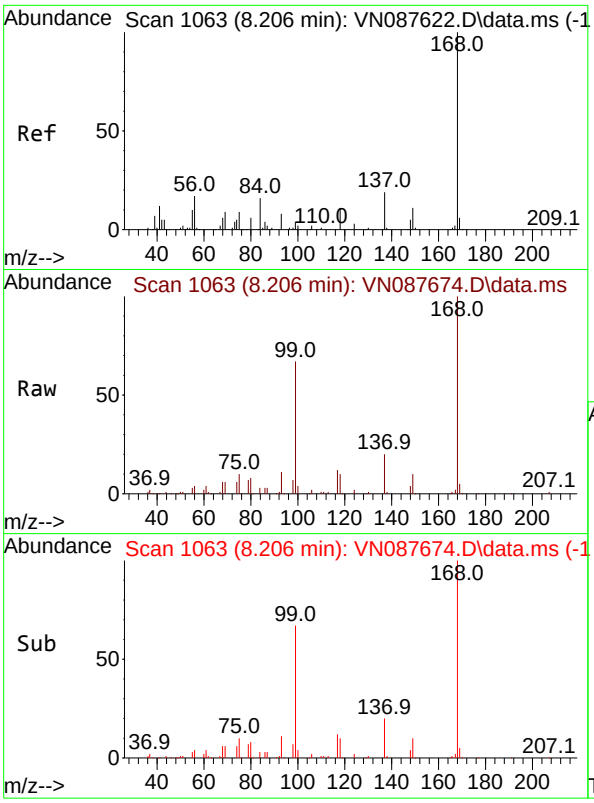
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087674.D
Acq On : 26 Aug 2025 16:45
Operator : JC\MD
Sample : Q2964-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

Quant Time: Aug 27 01:51:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



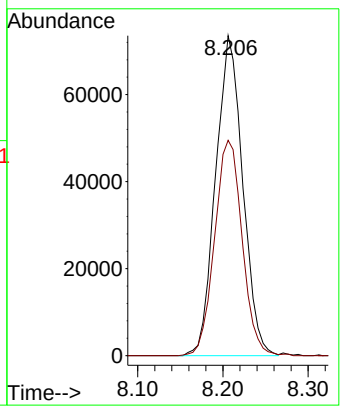


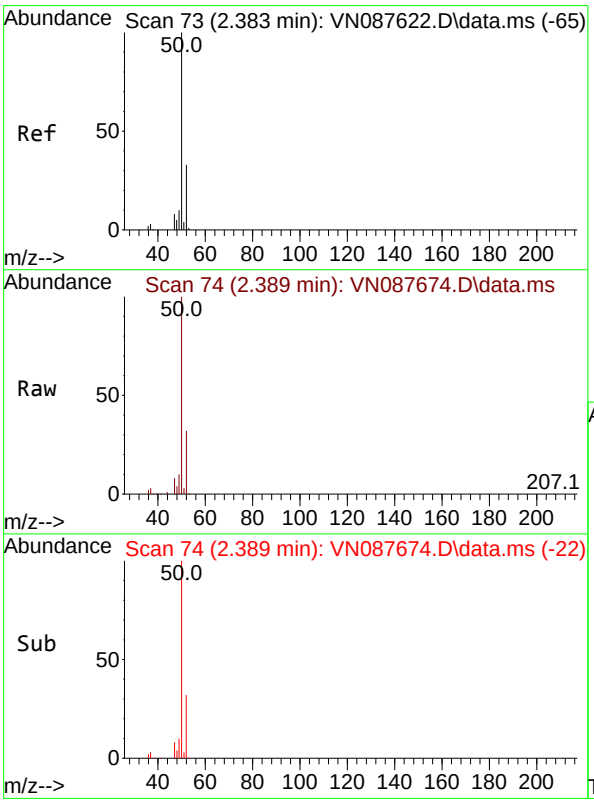
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion:168 Resp: 162555

Ion	Ratio	Lower	Upper
168	100		
99	67.3	57.2	85.8

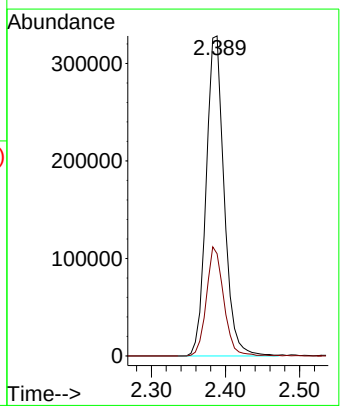


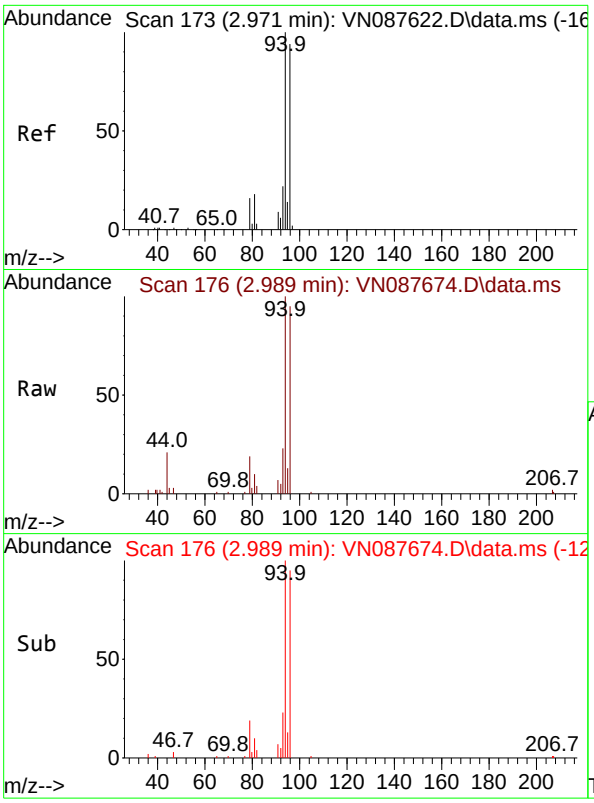


#3
Chloromethane
Concen: 232.770 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion: 50 Resp: 552275

Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.2	39.4



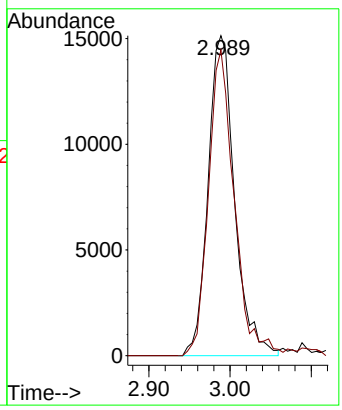


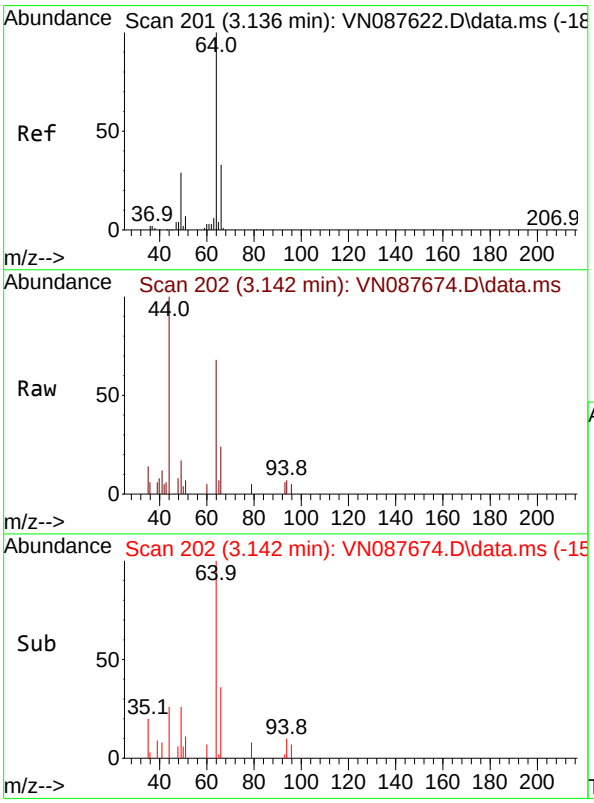
#5
Bromomethane
Concen: 24.203 ug/l
RT: 2.989 min Scan# 1
Delta R.T. 0.017 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion: 94 Resp: 34355

Ion	Ratio	Lower	Upper
94	100		
96	95.5	75.4	113.2

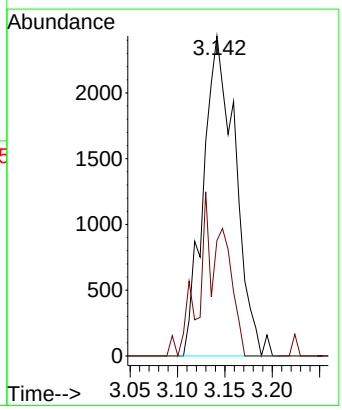


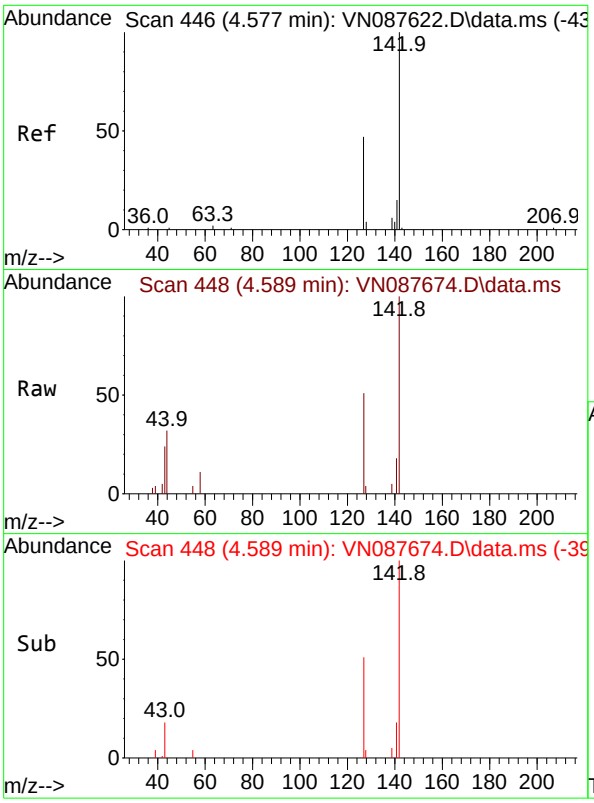


#6
Chloroethane
Concen: 2.950 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion: 64 Resp: 5703

Ion	Ratio	Lower	Upper
64	100		
66	36.0	26.2	39.2



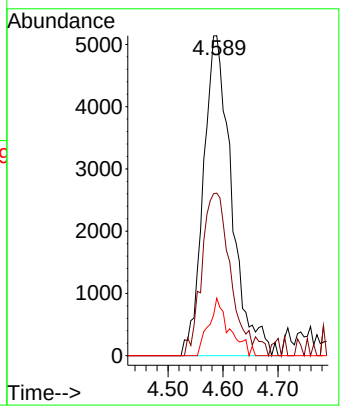


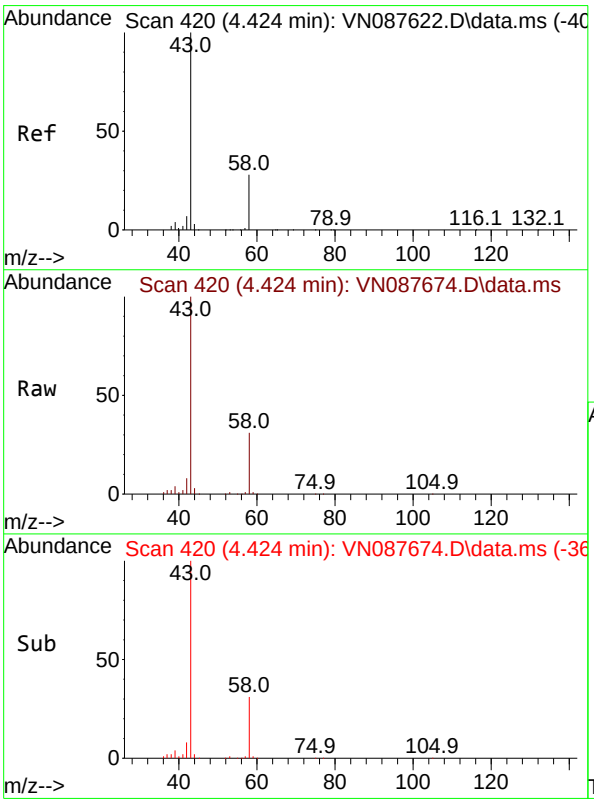
#10
Methyl Iodide
Concen: 16.127 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.012 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion:142 Resp: 18382

Ion	Ratio	Lower	Upper
142	100		
127	50.8	38.0	57.0
141	18.0	12.0	18.0

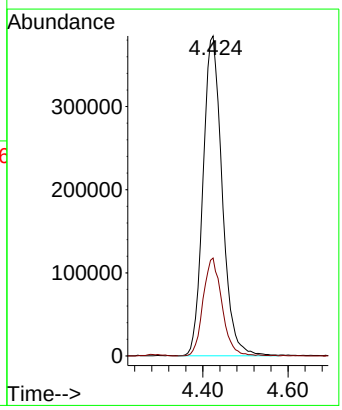


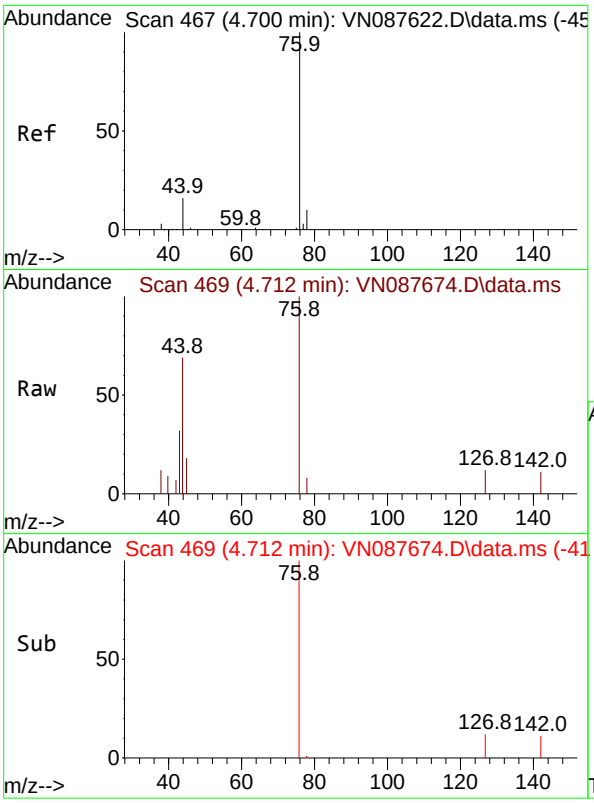


#16
Acetone
Concen: 661.036 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion: 43 Resp: 1198494

Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.6	33.8



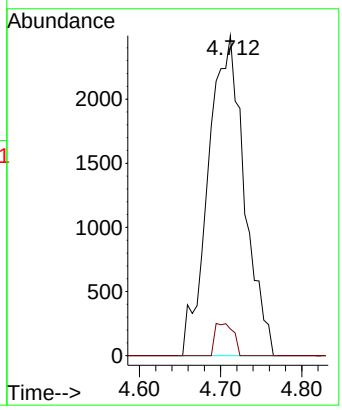


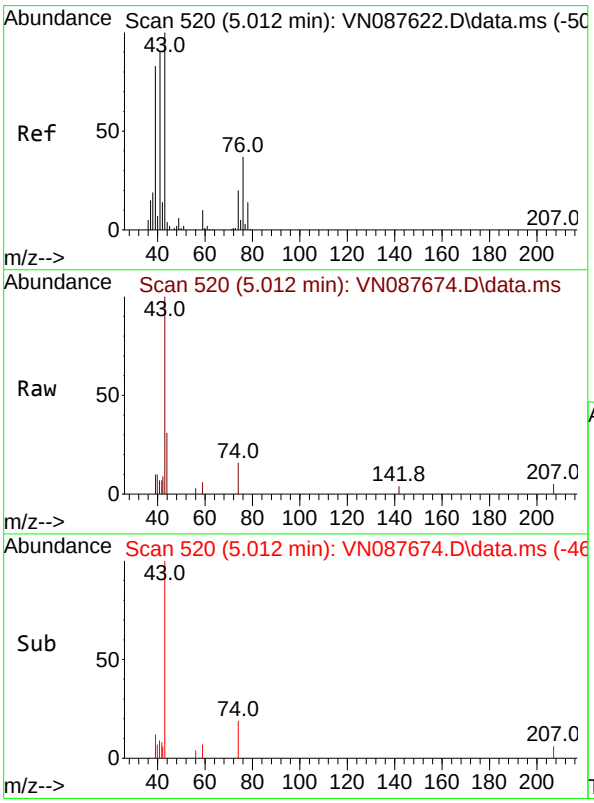
#17
Carbon Disulfide
Concen: 1.190 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion: 76 Resp: 7675

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.6	11.4

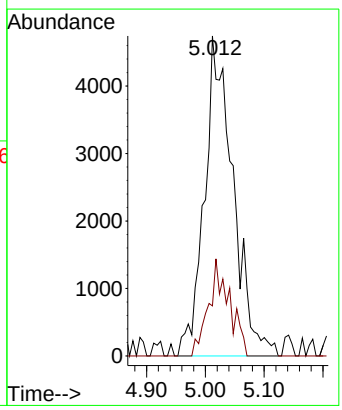


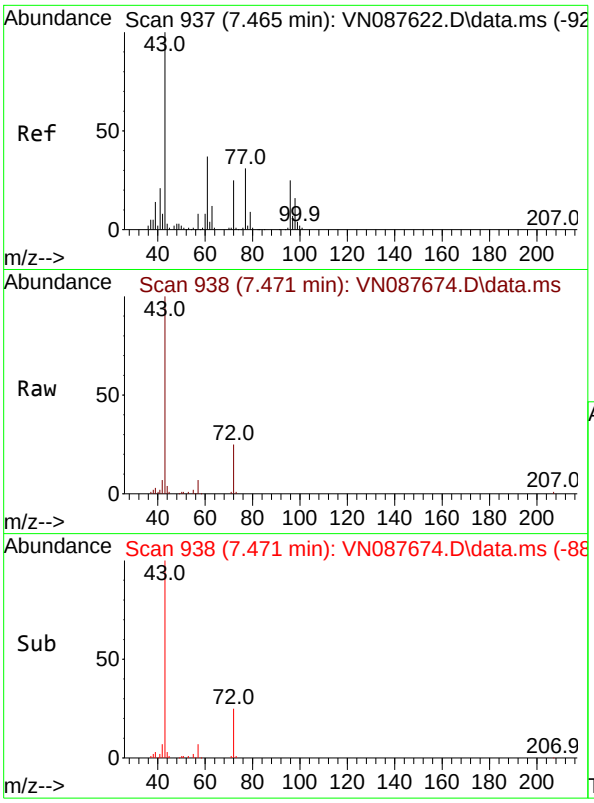


#18
Methyl Acetate
Concen: 4.238 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion: 43 Resp: 16088

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.6	26.4



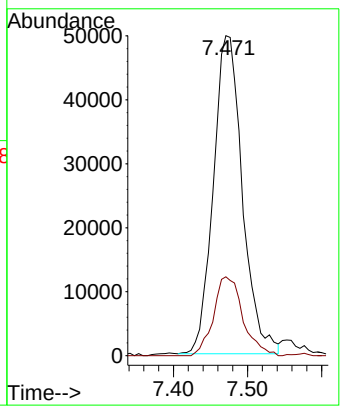


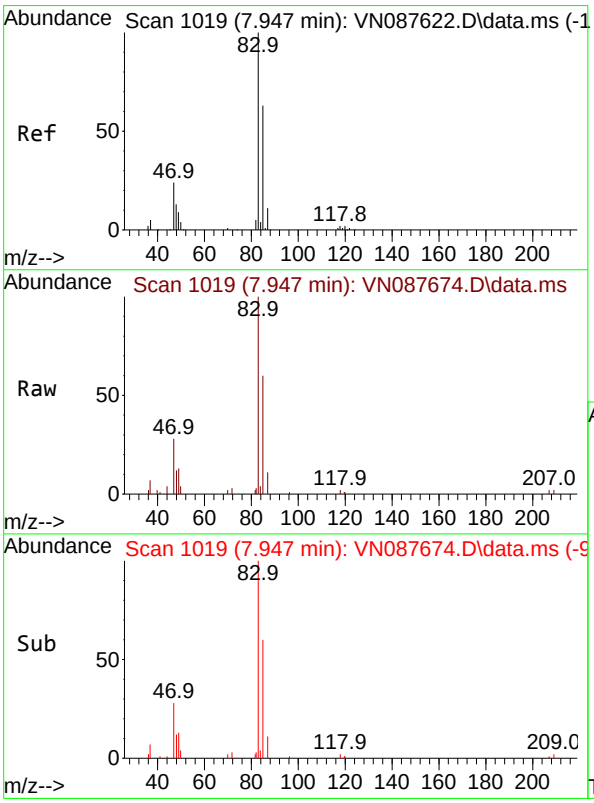
#25
2-Butanone
Concen: 56.673 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion: 43 Resp: 135182

Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.9	29.9

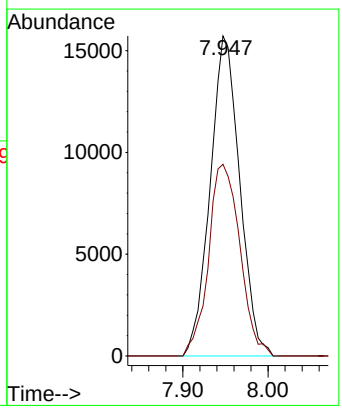


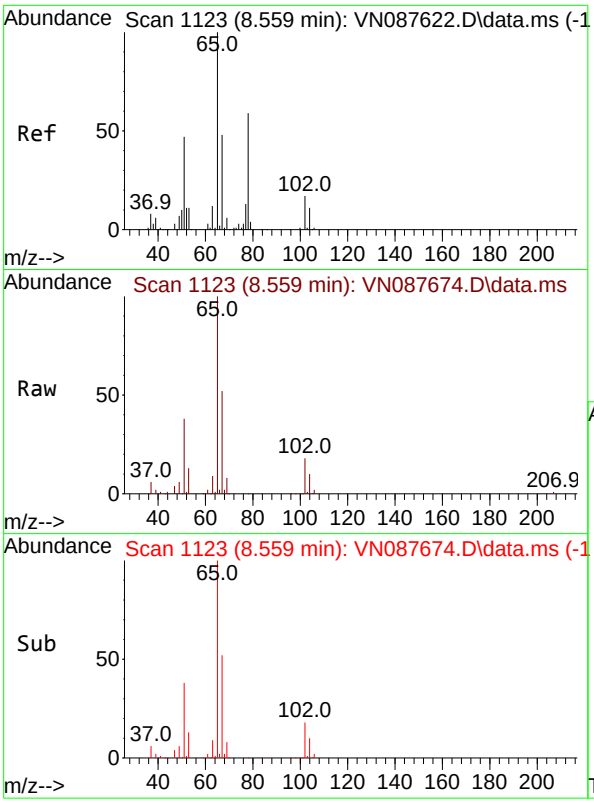


#30
Chloroform
Concen: 7.377 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion: 83 Resp: 37839

Ion	Ratio	Lower	Upper
83	100		
85	59.9	50.7	76.1



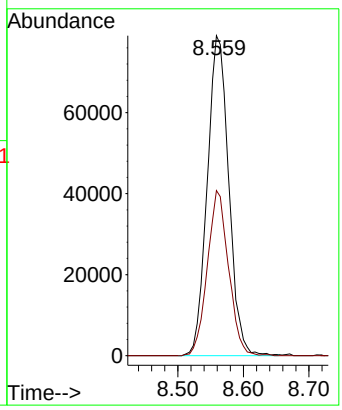


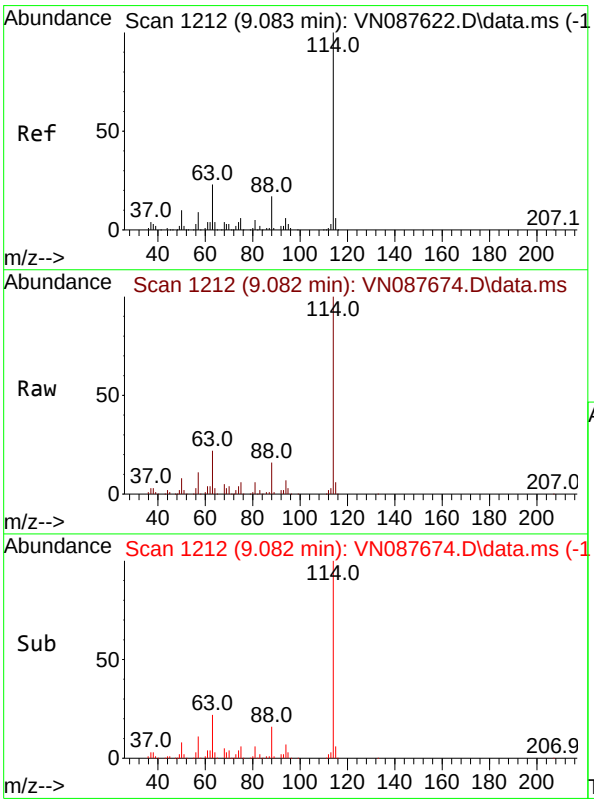
#33
1,2-Dichloroethane-d4
Concen: 53.936 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion: 65 Resp: 179637

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.0

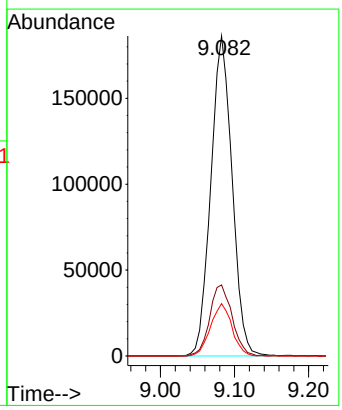


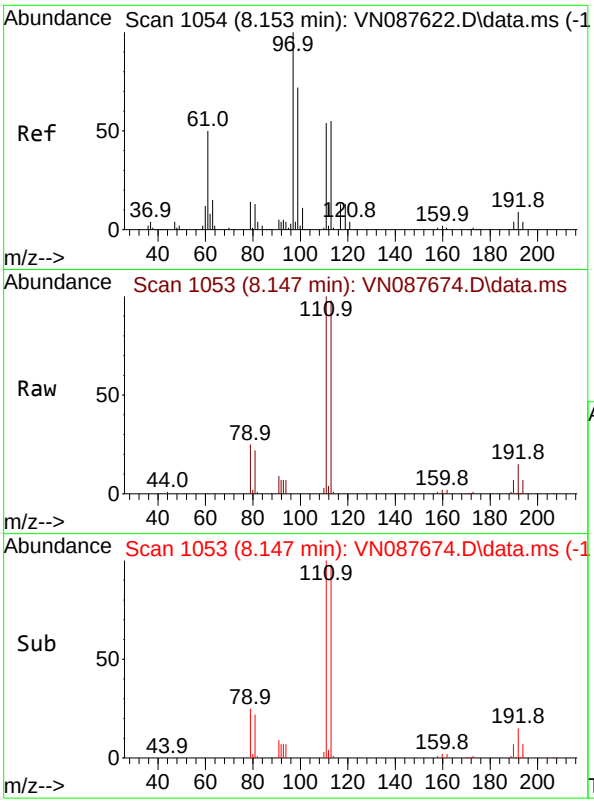


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion:114 Resp: 371496

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.2
88	16.4	0.0	33.4



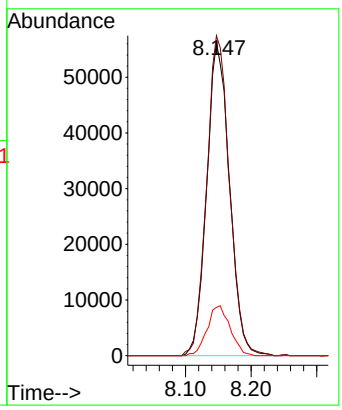


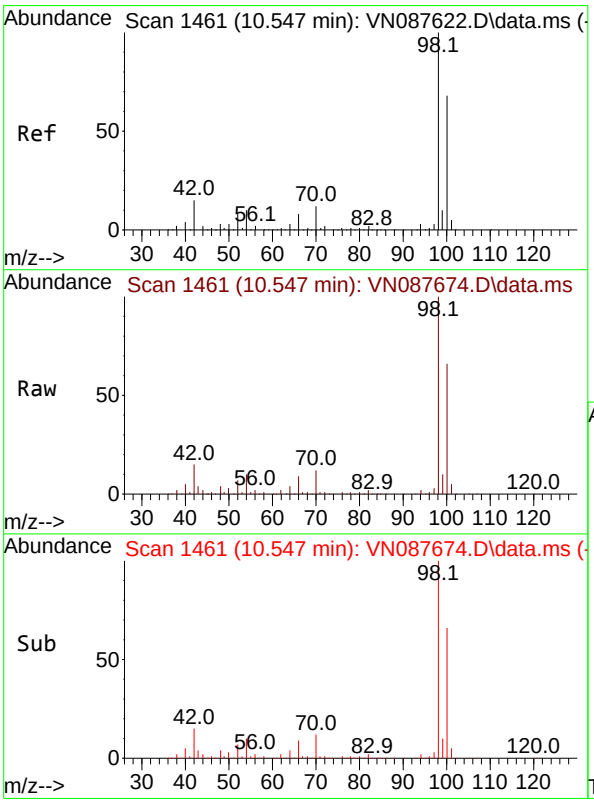
#35
Dibromofluoromethane
Concen: 50.507 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion:113 Resp: 135470

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	16.1	12.8	19.2

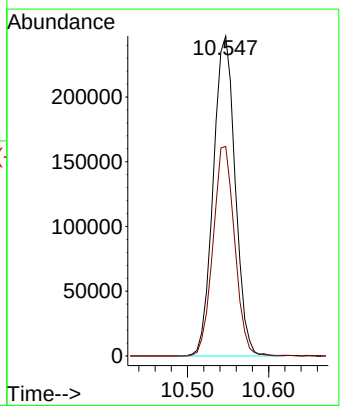


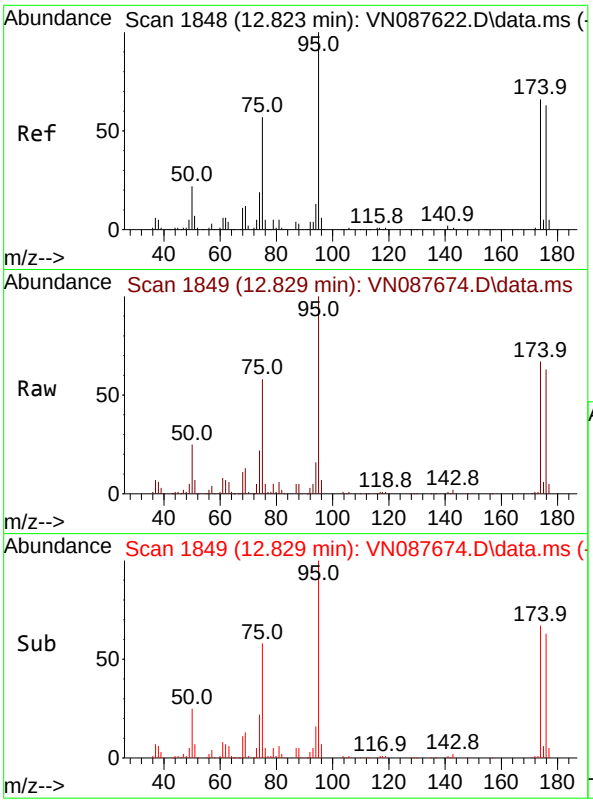


#50
Toluene-d8
Concen: 46.126 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion: 98 Resp: 463062

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.8	79.2



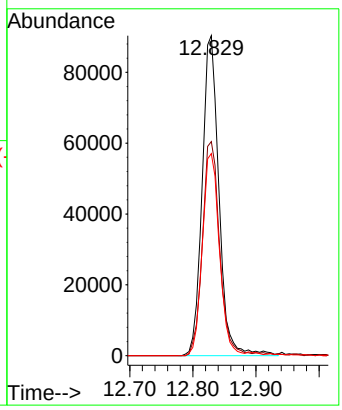


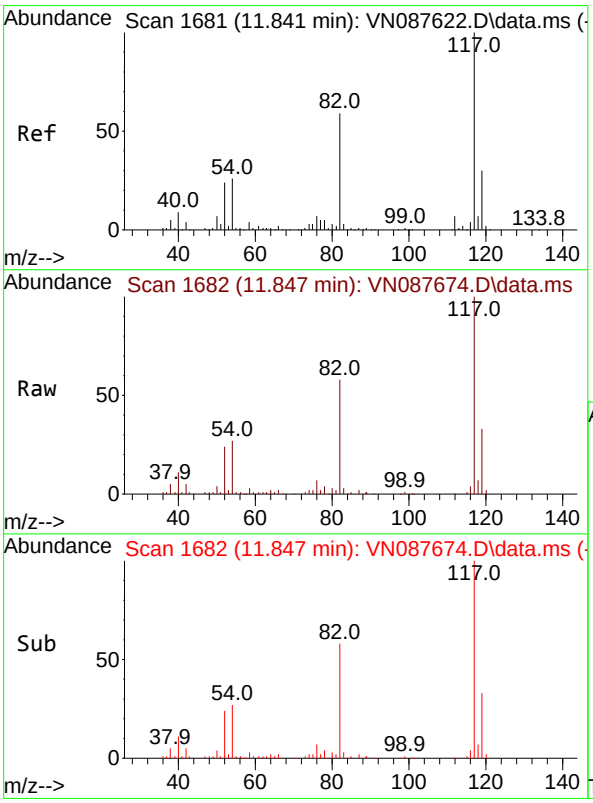
#62
4-Bromofluorobenzene
Concen: 46.820 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion: 95 Resp: 167156

Ion	Ratio	Lower	Upper
95	100		
174	68.4	0.0	138.4
176	64.0	0.0	132.6

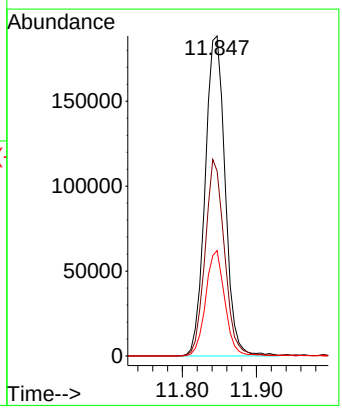


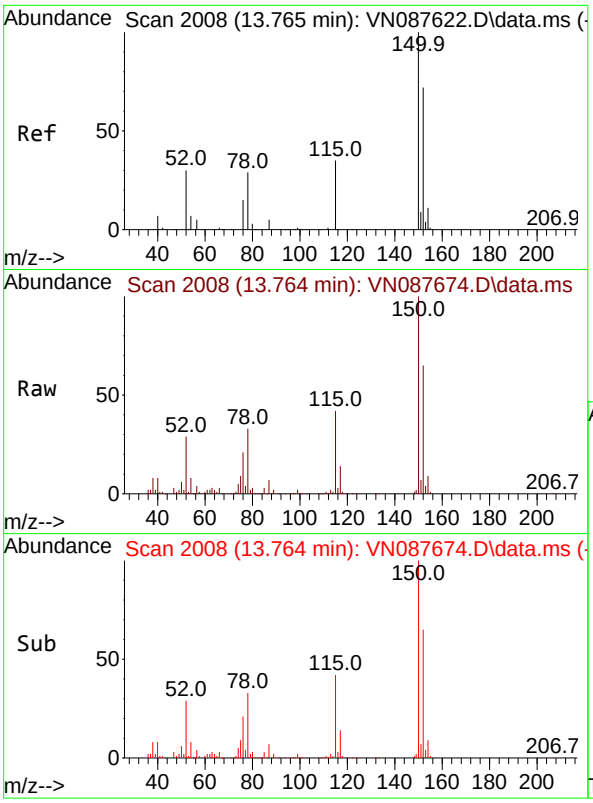


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Tgt Ion:117 Resp: 353184

Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.4	71.2
119	33.0	24.3	36.5



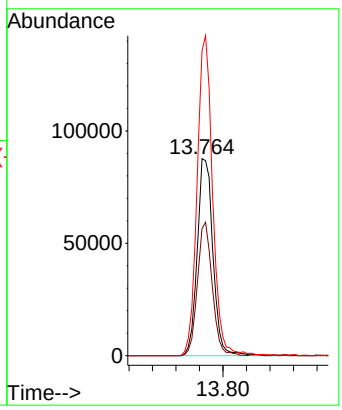


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087674.D
Acq: 26 Aug 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion:152 Resp: 162592

Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.3	96.8
150	159.8	0.0	351.0



Sample Results: **VN087674.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087674.D
Acq On : 26 Aug 2025 16:45
Operator : JC\MD
Sample : Q2964-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

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: VN087674.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	66	73	85	rBV	542100	913178	49.32%	8.132%
2	2.683	116	124	134	rBV	139105	270526	14.61%	2.409%
3	2.989	167	176	185	rBV3	44546	112808	6.09%	1.005%
4	4.424	408	420	437	rBV	600641	1851381	100.00%	16.487%
5	5.724	627	641	654	rBV	46290	150719	8.14%	1.342%
6	7.477	929	939	951	rBV	78456	216088	11.67%	1.924%
7	7.947	1009	1019	1029	rBV3	40552	99365	5.37%	0.885%
8	8.147	1043	1053	1058	rBV	186787	458779	24.78%	4.086%
9	8.206	1058	1063	1073	rVB	248718	558227	30.15%	4.971%
10	8.559	1112	1123	1138	rBV	220109	535578	28.93%	4.770%
11	8.953	1182	1190	1196	rBV3	10159	21147	1.14%	0.188%
12	9.082	1204	1212	1222	rBV	461040	943865	50.98%	8.405%
13	10.465	1436	1447	1453	rBV	237010	455288	24.59%	4.055%
14	10.547	1453	1461	1471	rVB	710296	1382692	74.68%	12.313%
15	10.782	1494	1501	1507	rBV3	12715	24546	1.33%	0.219%
16	11.841	1673	1681	1695	rBV	640564	1237047	66.82%	11.016%
17	12.829	1839	1849	1866	rBV	469416	874458	47.23%	7.787%
18	13.770	2001	2009	2021	rBV	630283	1123444	60.68%	10.005%

Sum of corrected areas: 11229136

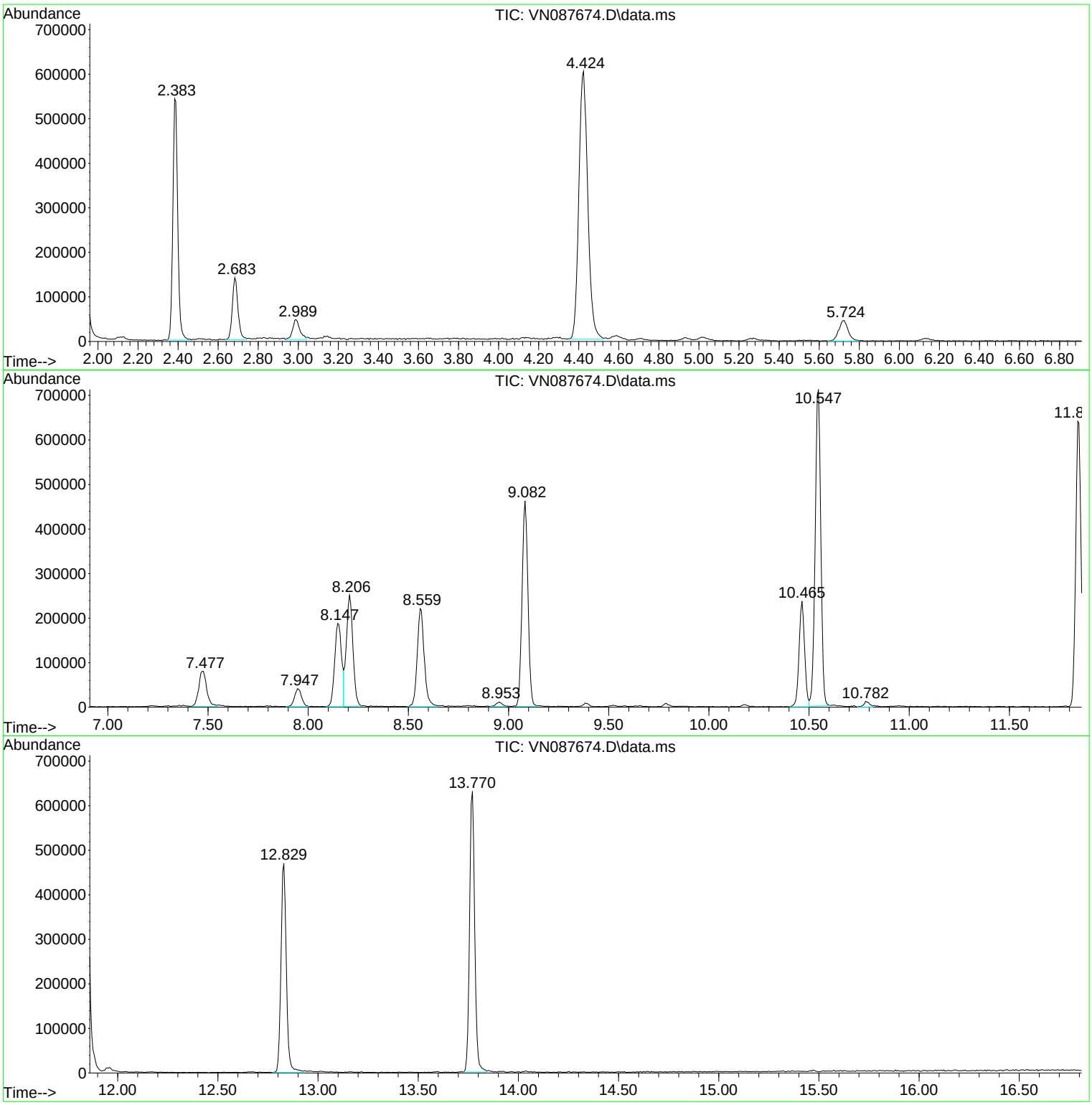
Sample Results: **VN087674.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087674.D
Acq On : 26 Aug 2025 16:45
Operator : JC\MD
Sample : Q2964-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

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\VN082625\
Data File : VN087674.D
Acq On : 26 Aug 2025 16:45
Operator : JC\MD
Sample : Q2964-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

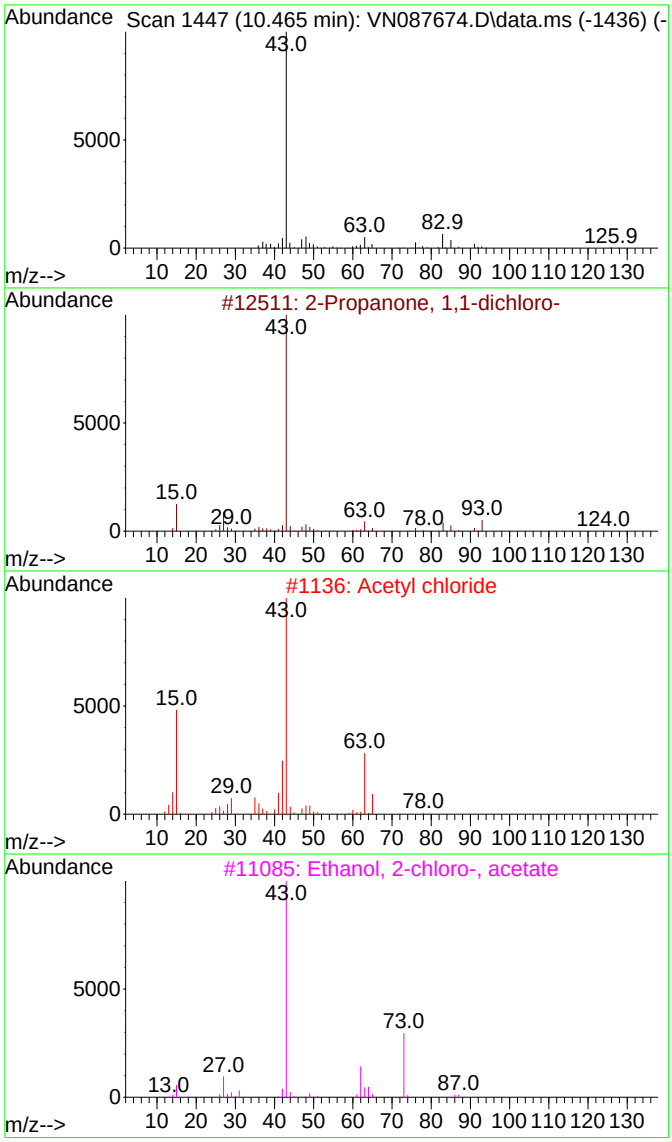
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

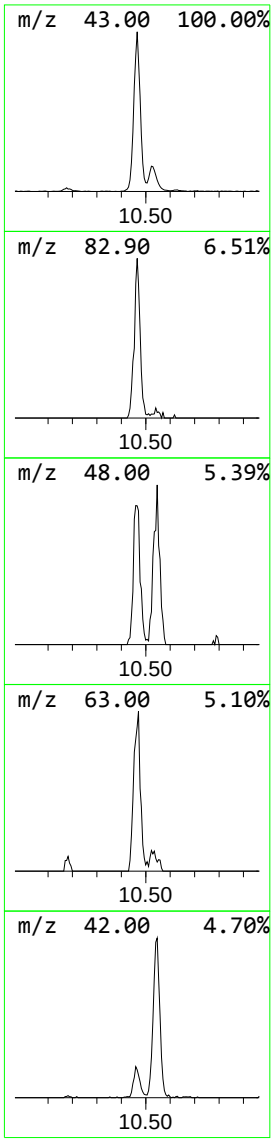
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanone, 1,1-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.465	18.40 ug/l	455288	Chlorobenzene-d5	11.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	83
2	Acetyl chloride	78	C2H3ClO	000075-36-5	38
3	Ethanol, 2-chloro-, acetate	122	C4H7ClO2	000542-58-5	25
4	Thioacetic acid	76	C2H4OS	000507-09-5	9
5	1-Bromo-1-chloropropanone	170	C3H4BrClO	072007-33-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087674.D
Acq On : 26 Aug 2025 16:45
Operator : JC\MD
Sample : Q2964-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

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
2-Propanone, 1,...	10.465	18.4	ug/l	455288	3	11.847	1237050	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047539.D
Acq On : 27 Aug 2025 14:44
Operator : JC/MD
Sample : Q2964-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Quant Time: Aug 28 01:20:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	187177	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	371185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155823	59.483	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.960%#			
35) Dibromofluoromethane	5.397	113	130586	54.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.420%			
50) Toluene-d8	8.647	98	436410	50.683	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.079	95	184372	58.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.060%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	106172	49.463	ug/l	95
5) Bromomethane	1.636	94	5551	5.101	ug/l	98
10) Methyl Iodide	2.471	142	50749	12.810	ug/l	94
16) Acetone	2.392	43	147811	150.114	ug/l	100
18) Methyl Acetate	2.715	43	3176	1.245	ug/l #	85
25) 2-Butanone	4.574	43	14672	11.377	ug/l	92
30) Chloroform	5.111	83	9325	1.998	ug/l	86

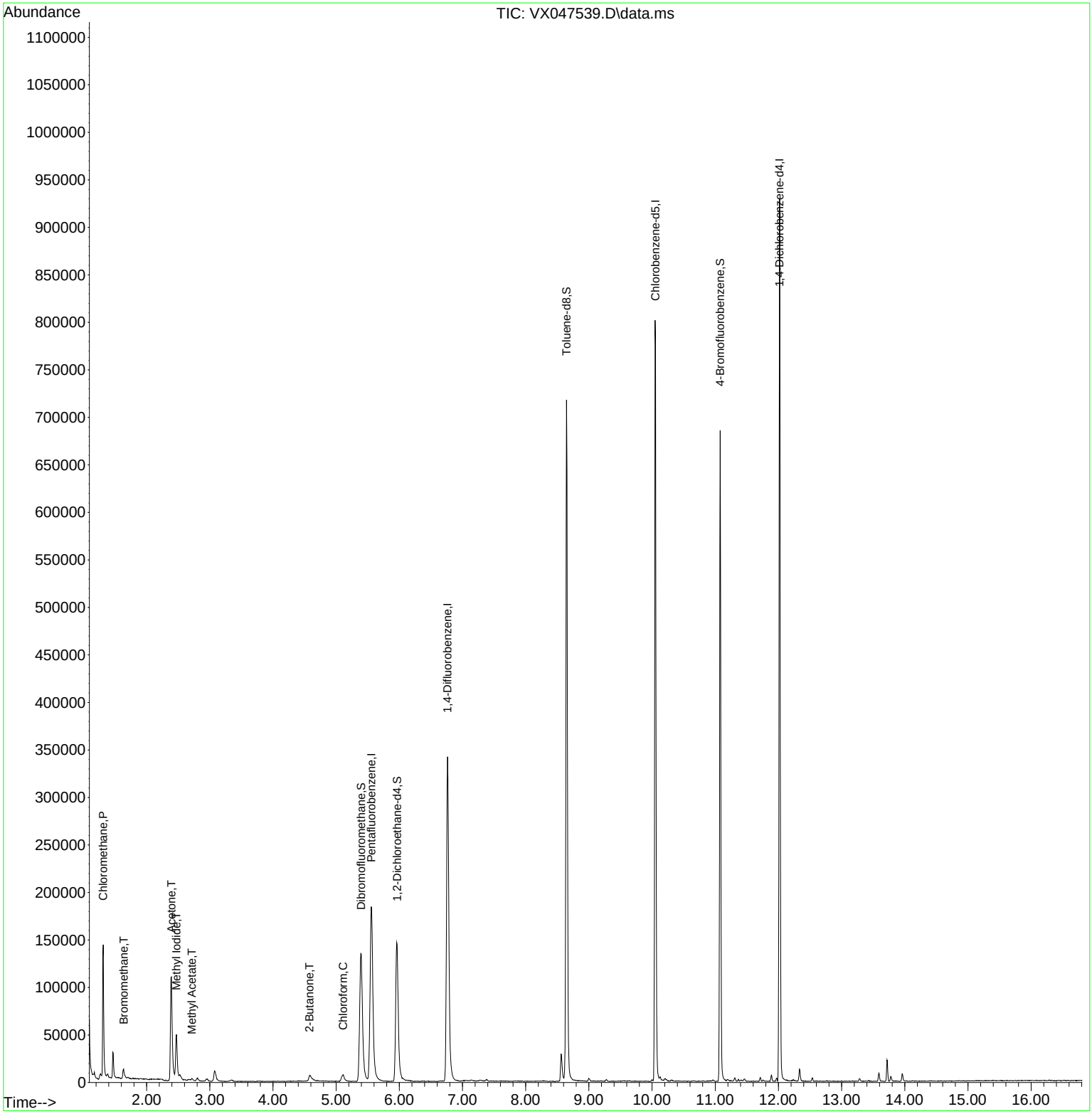
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **VX047539.D**

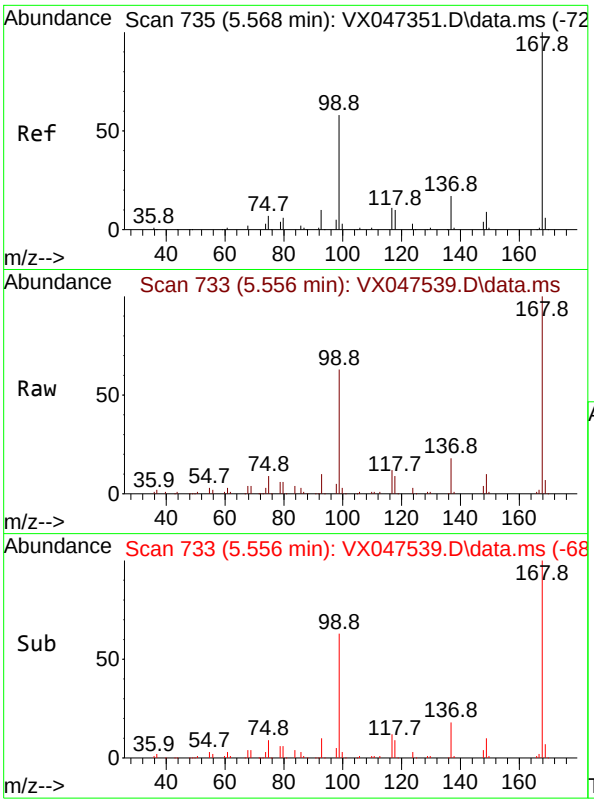
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047539.D
Acq On : 27 Aug 2025 14:44
Operator : JC/MD
Sample : Q2964-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Quant Time: Aug 28 01:20:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



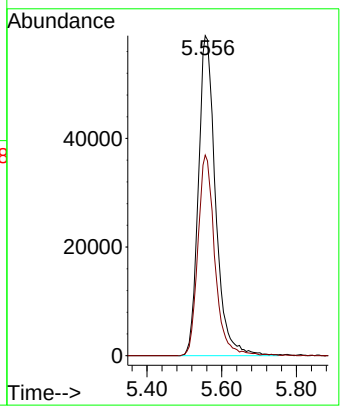
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

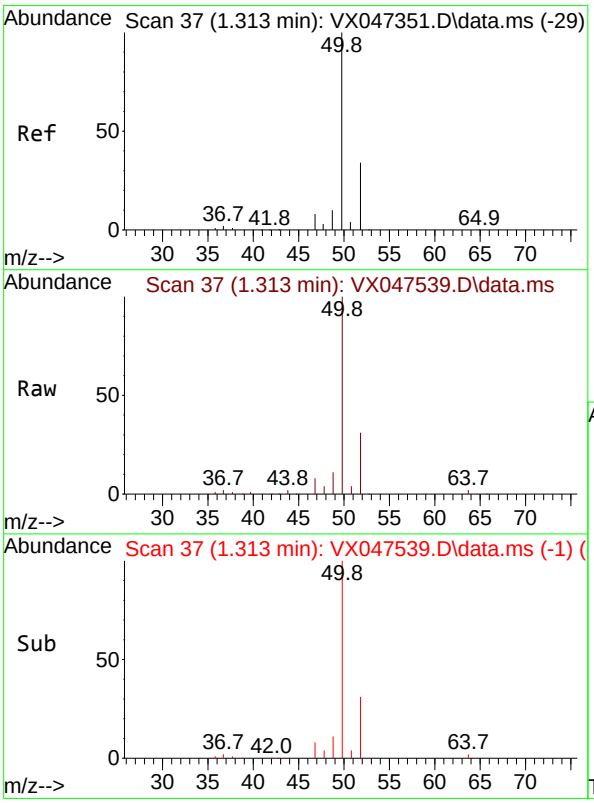


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion:168 Resp: 187177

Ion	Ratio	Lower	Upper
168	100		
99	62.7	47.9	71.9

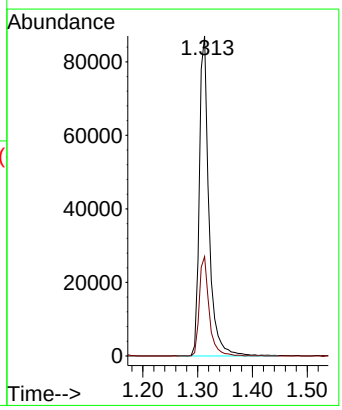


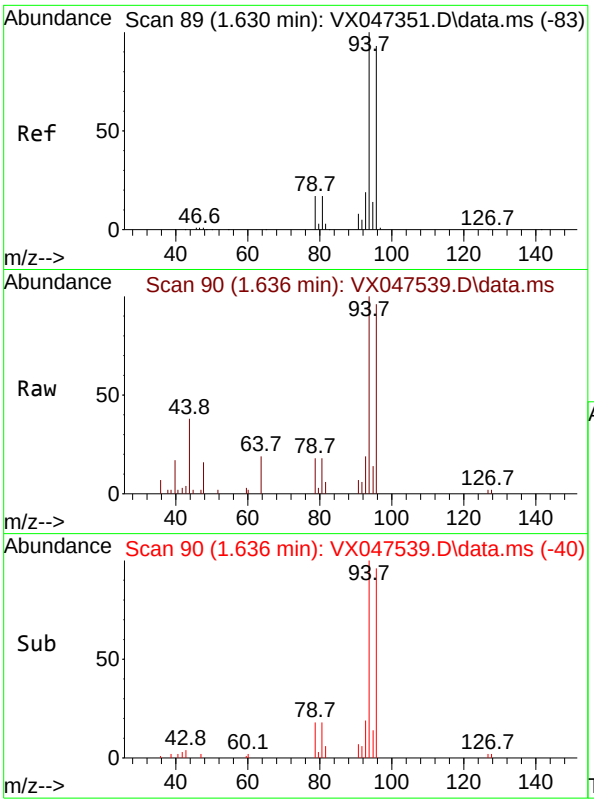


#3
Chloromethane
Concen: 49.463 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 50 Resp: 106172

Ion	Ratio	Lower	Upper
50	100		
52	31.1	27.0	40.4



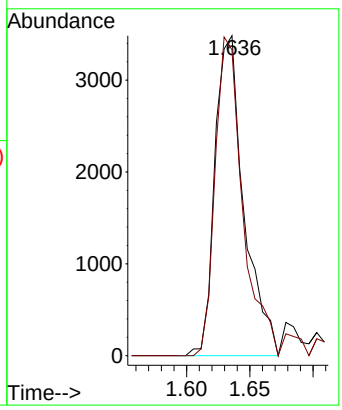


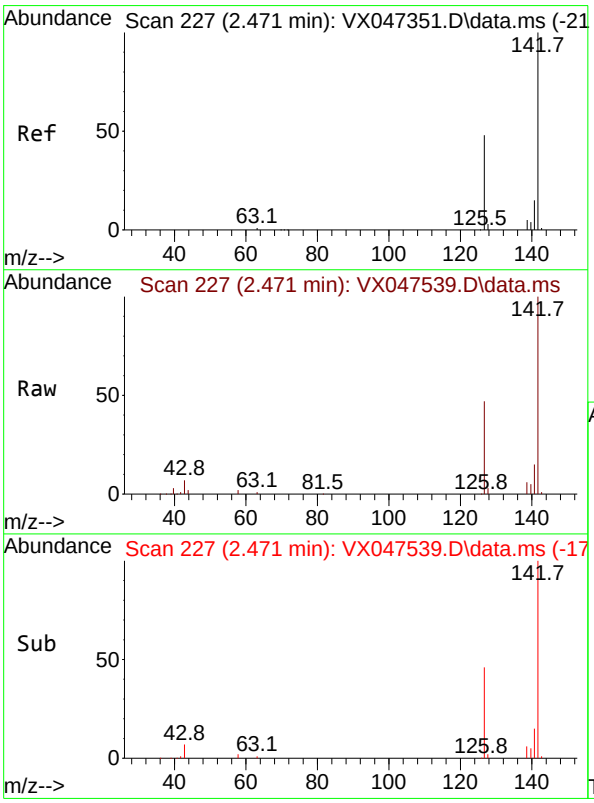
#5
Bromomethane
Concen: 5.101 ug/l
RT: 1.636 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Tgt Ion: 94 Resp: 5551

Ion	Ratio	Lower	Upper
94	100		
96	95.6	74.7	112.1

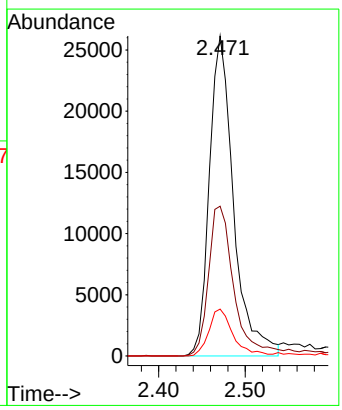


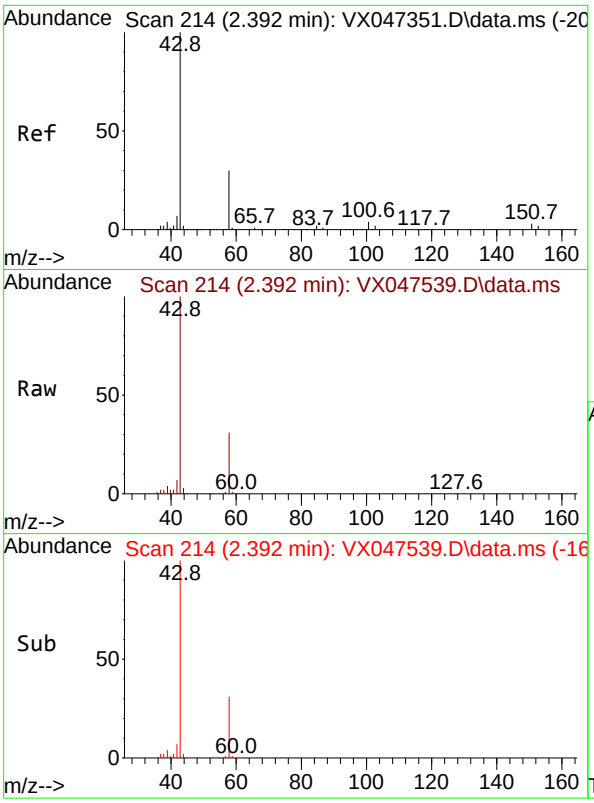


#10
Methyl Iodide
Concen: 12.810 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion:142 Resp: 50749

Ion	Ratio	Lower	Upper
142	100		
127	50.0	36.1	54.1
141	14.7	11.1	16.7



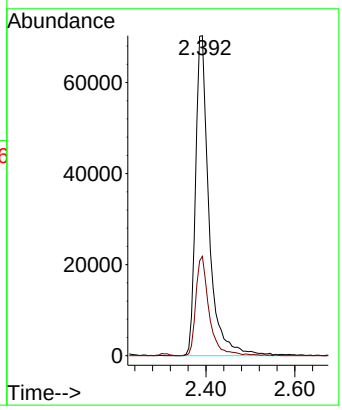


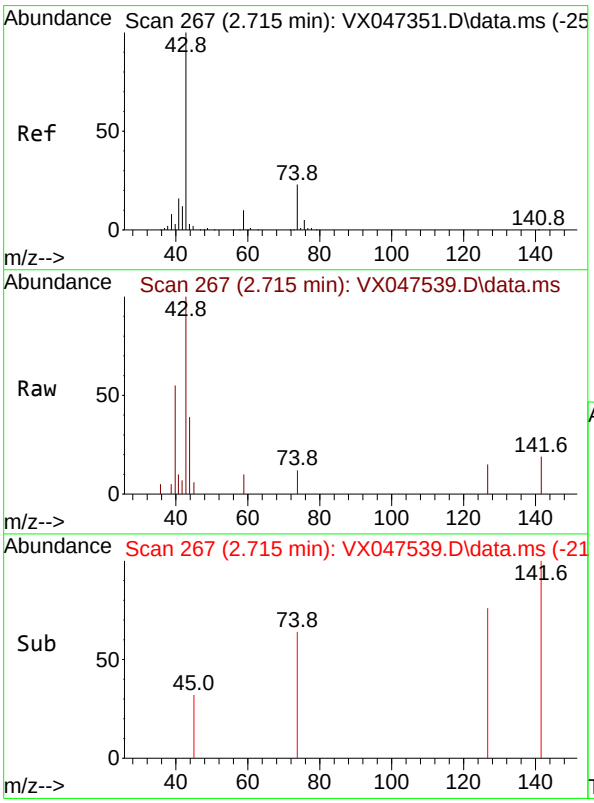
#16
Acetone
Concen: 150.114 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Tgt Ion: 43 Resp: 147811

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.8	37.2

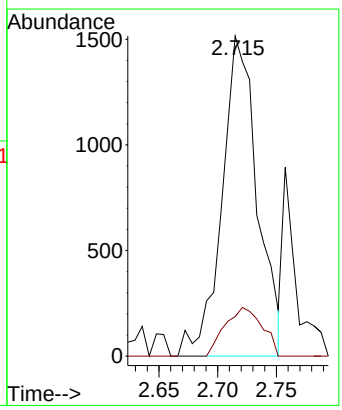


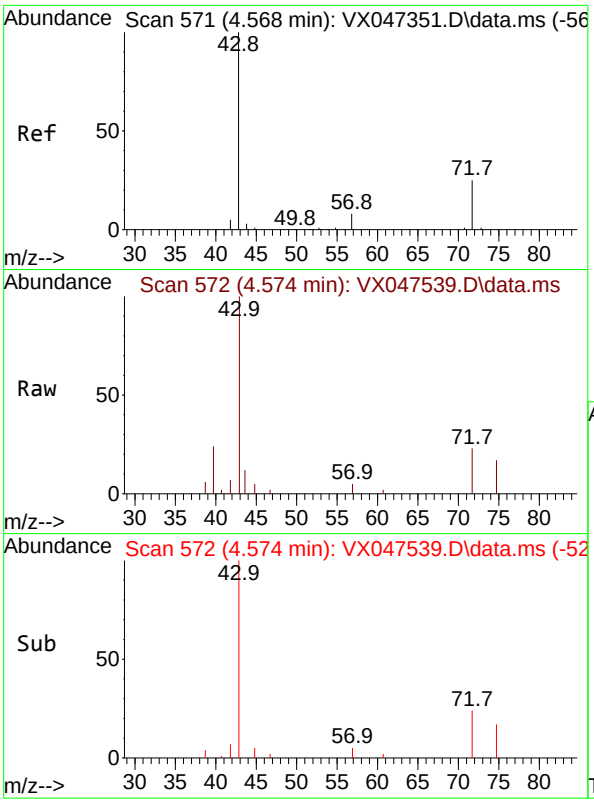


#18
Methyl Acetate
Concen: 1.245 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 43 Resp: 3176

Ion	Ratio	Lower	Upper
43	100		
74	16.0	18.4	27.6#



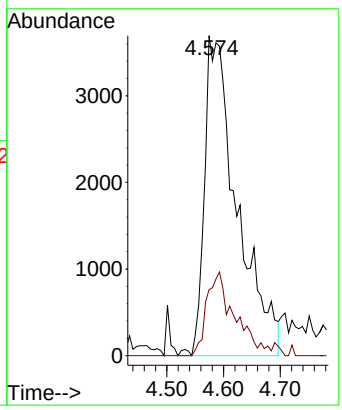


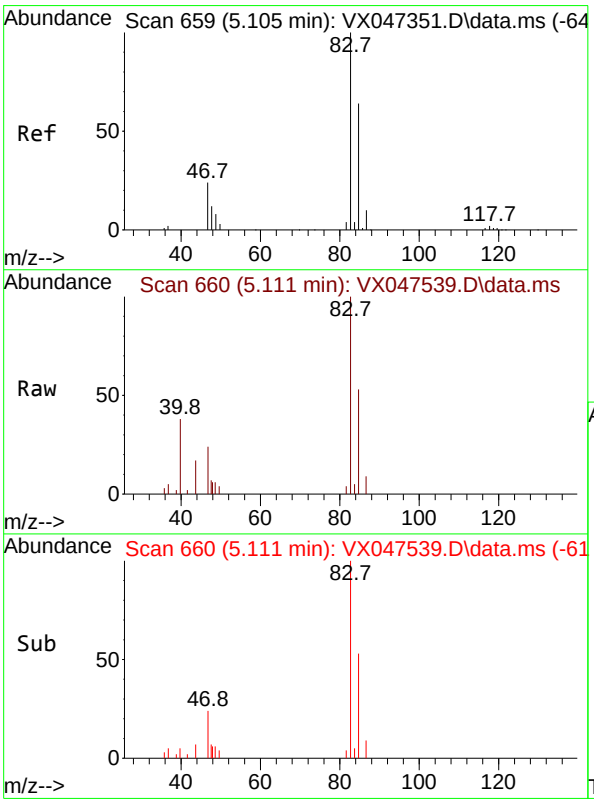
#25
2-Butanone
Concen: 11.377 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Tgt Ion: 43 Resp: 14672

Ion	Ratio	Lower	Upper
43	100		
72	20.7	19.8	29.8

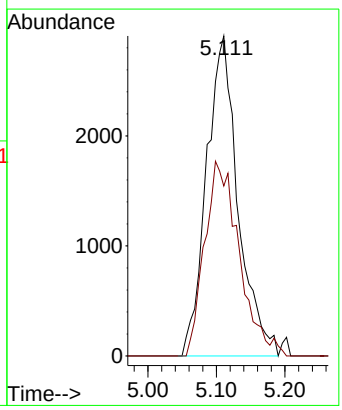


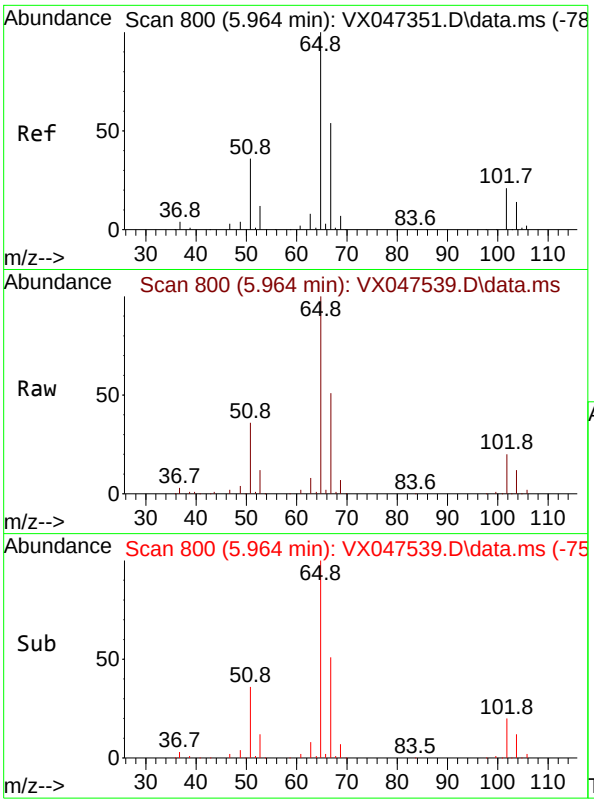


#30
Chloroform
Concen: 1.998 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 83 Resp: 9325

Ion	Ratio	Lower	Upper
83	100		
85	53.1	51.2	76.8



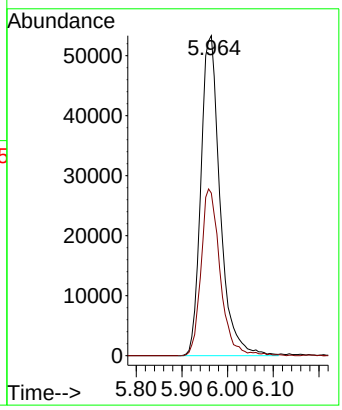


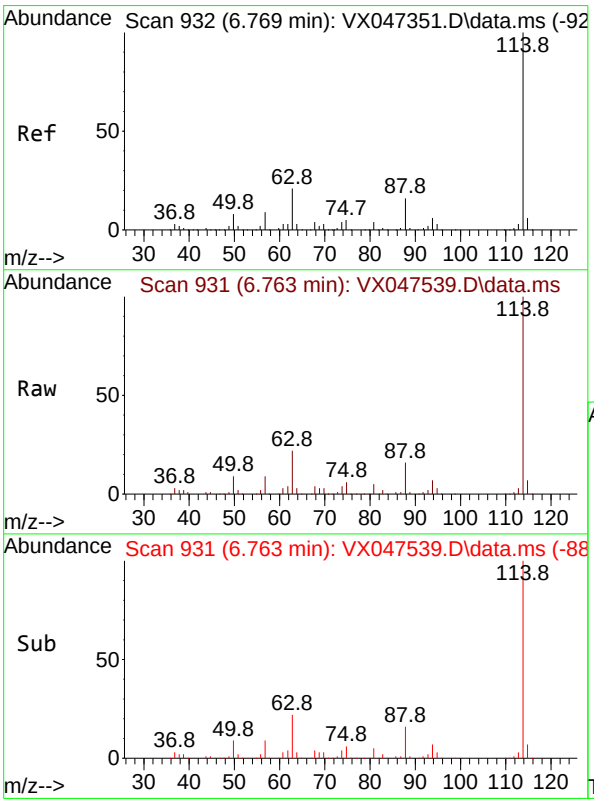
#33
1,2-Dichloroethane-d4
Concen: 59.483 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Tgt Ion: 65 Resp: 155823

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0

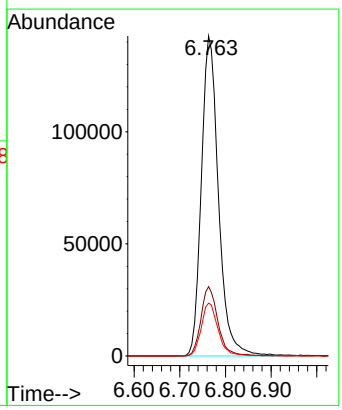


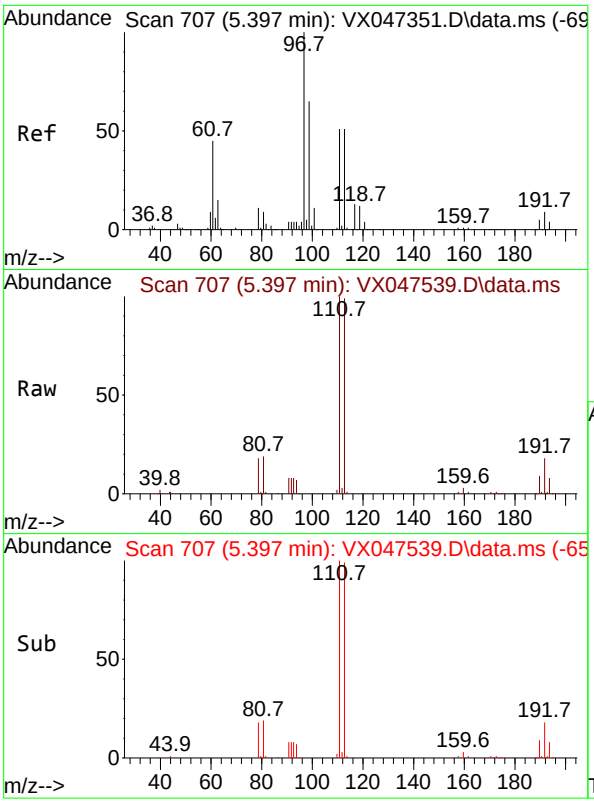


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion:114 Resp: 371185

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.4
88	16.5	0.0	33.0



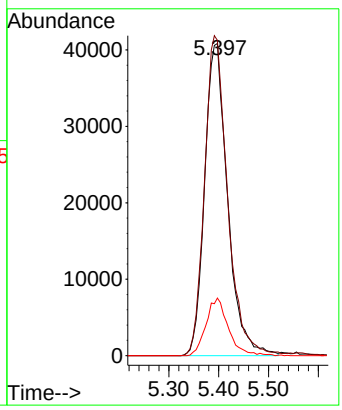


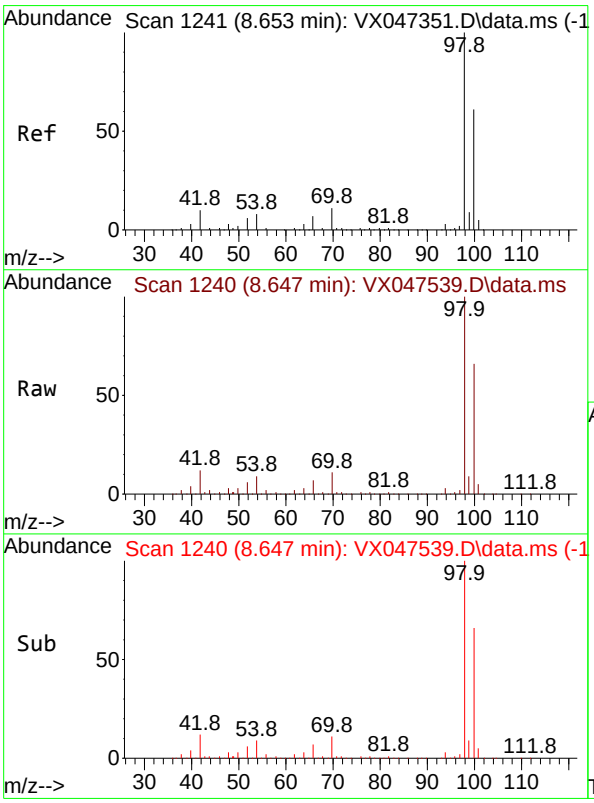
#35
Dibromofluoromethane
Concen: 54.207 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Tgt Ion:113 Resp: 130586

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	18.0	14.1	21.1

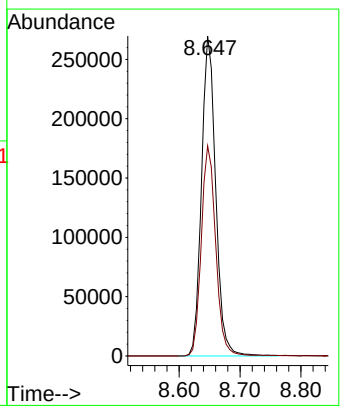


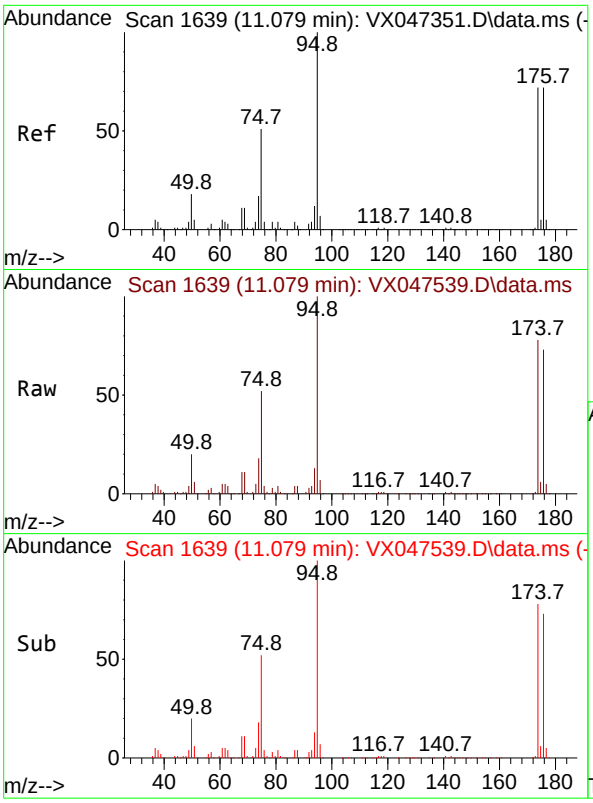


#50
Toluene-d8
Concen: 50.683 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 98 Resp: 436410

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.9	80.9



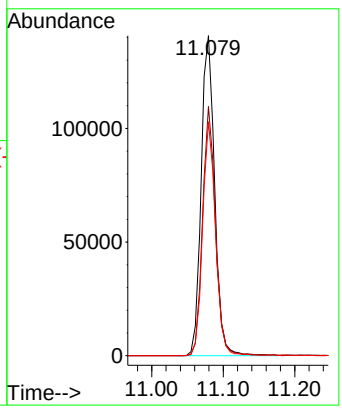


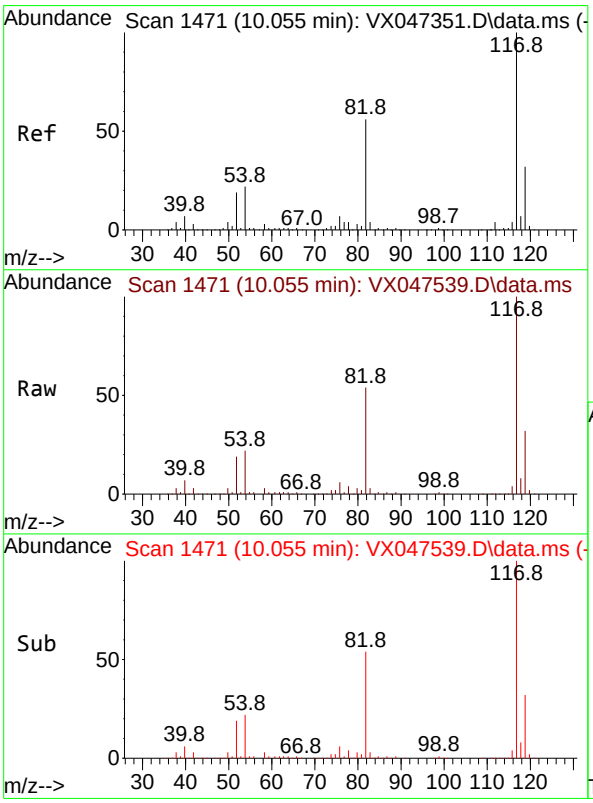
#62
4-Bromofluorobenzene
Concen: 58.025 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Tgt Ion: 95 Resp: 184372

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	148.0
176	70.4	0.0	145.4

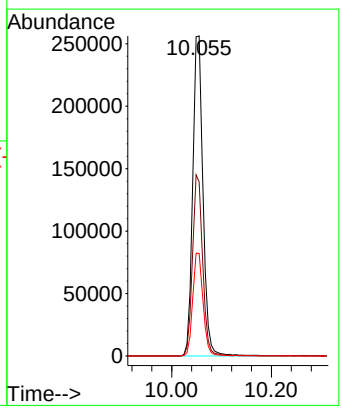


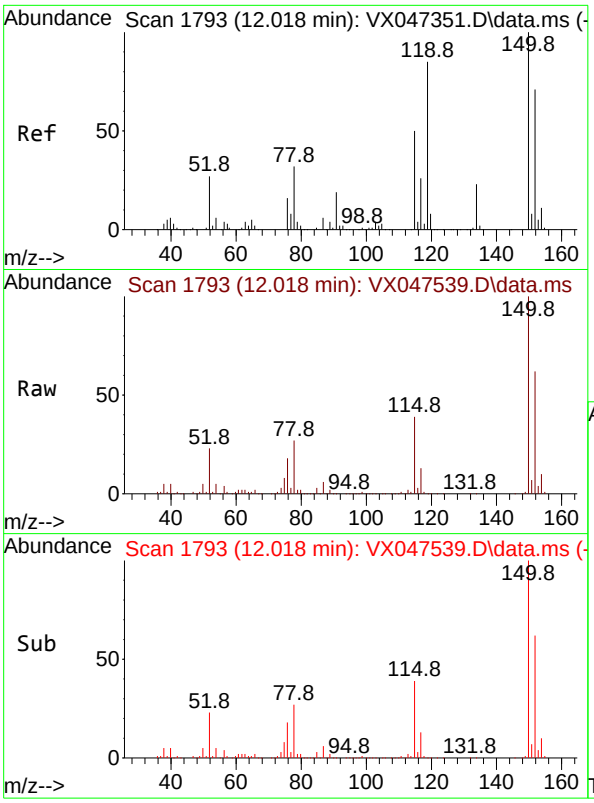


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion:117 Resp: 366426

Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.4
119	32.1	25.8	38.8



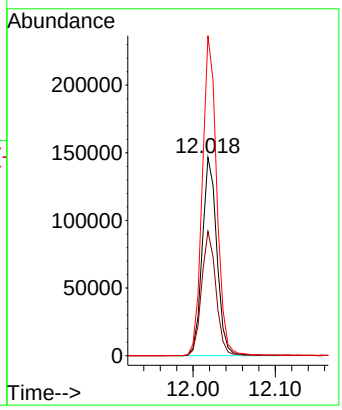


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Tgt Ion:152 Resp: 181024

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.6	133.8
150	159.4	0.0	349.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Quant Time: Aug 27 01:48:09 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

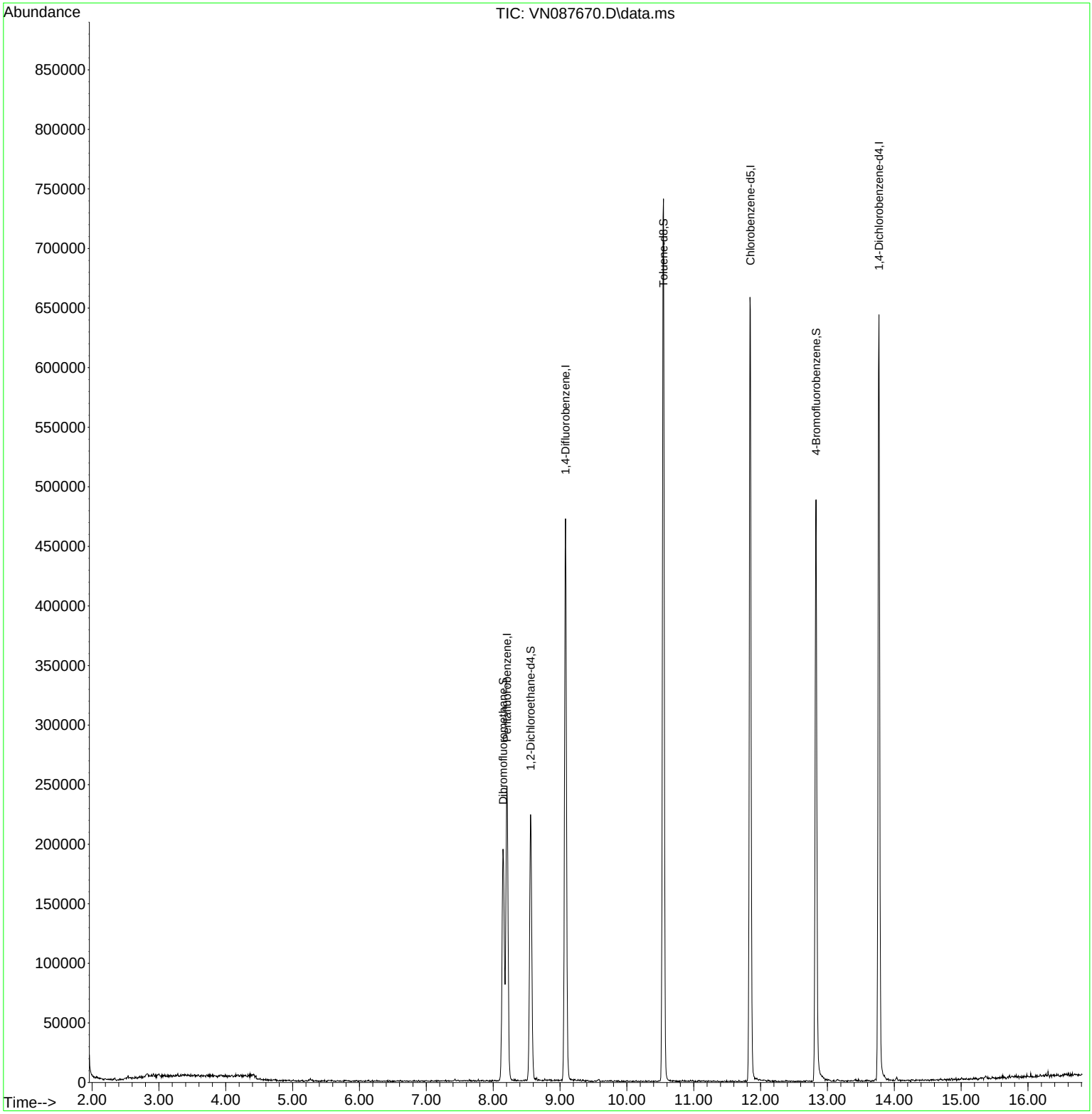
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	165274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	380815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	356736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	161997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	184960	54.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.240%			
35) Dibromofluoromethane	8.147	113	139352	50.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	10.547	98	497036	48.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.600%			
62) 4-Bromofluorobenzene	12.829	95	170061	46.468	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.940%			
Target Compounds						Qvalue

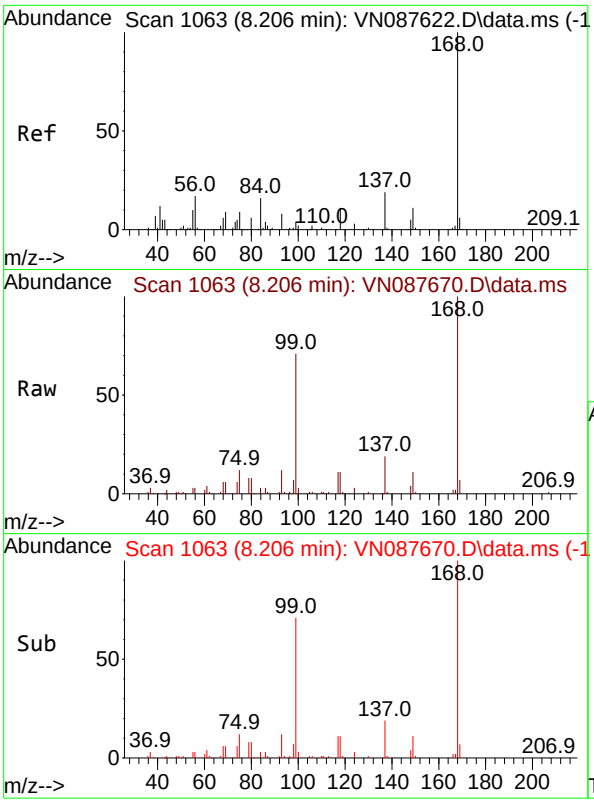
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Quant Time: Aug 27 01:48:09 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



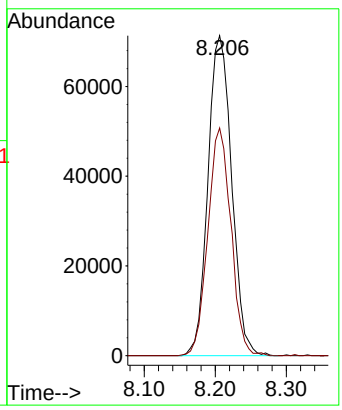


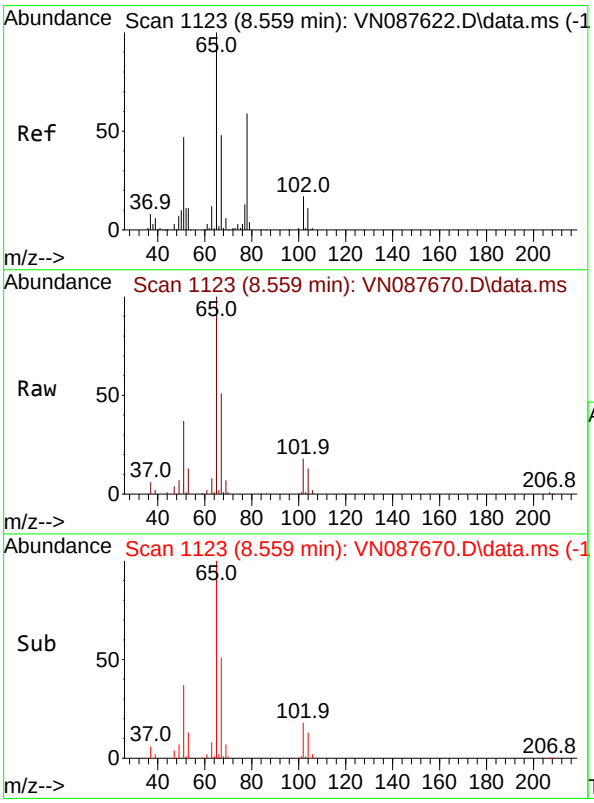
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:168 Resp: 165274

Ion	Ratio	Lower	Upper
168	100		
99	71.2	57.2	85.8

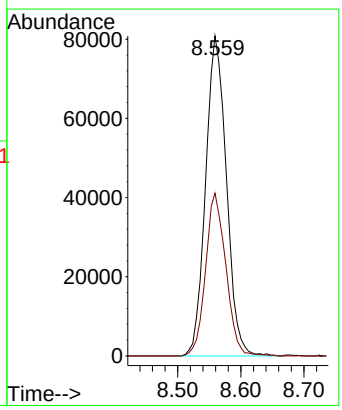


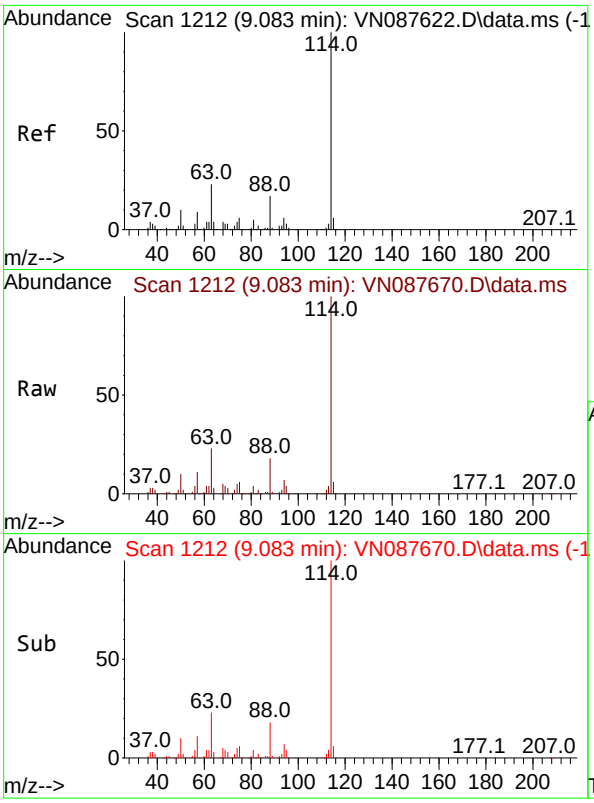


#33
1,2-Dichloroethane-d4
Concen: 54.621 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion: 65 Resp: 184960

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.0



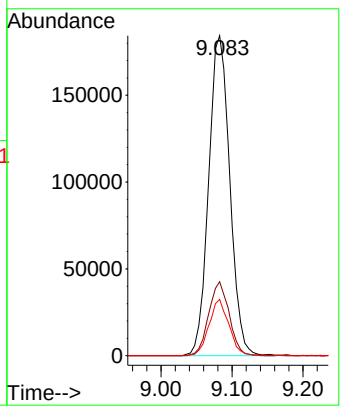


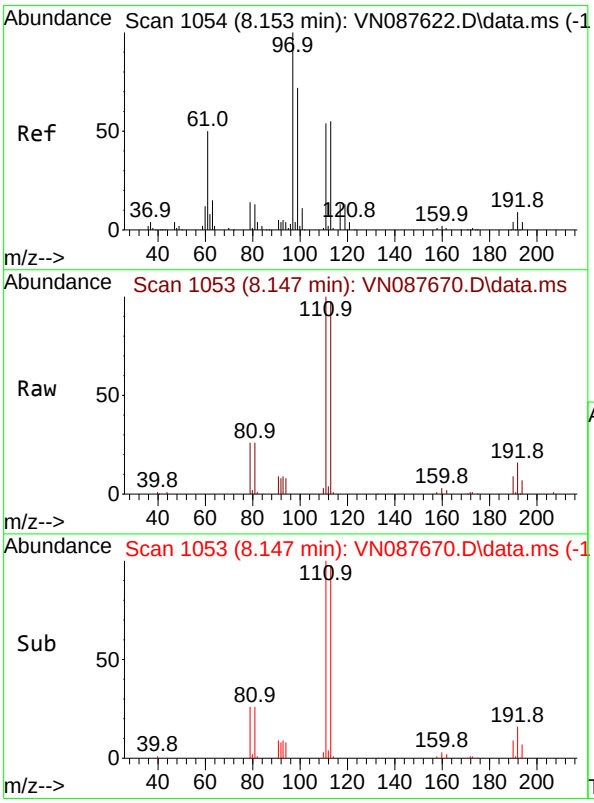
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:114 Resp: 380815

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	17.6	0.0	33.4

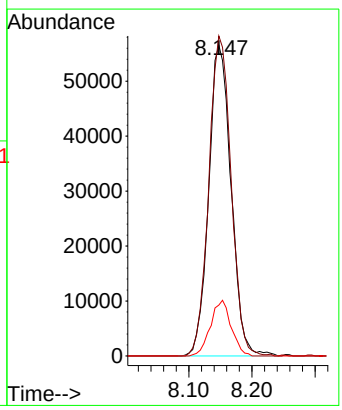


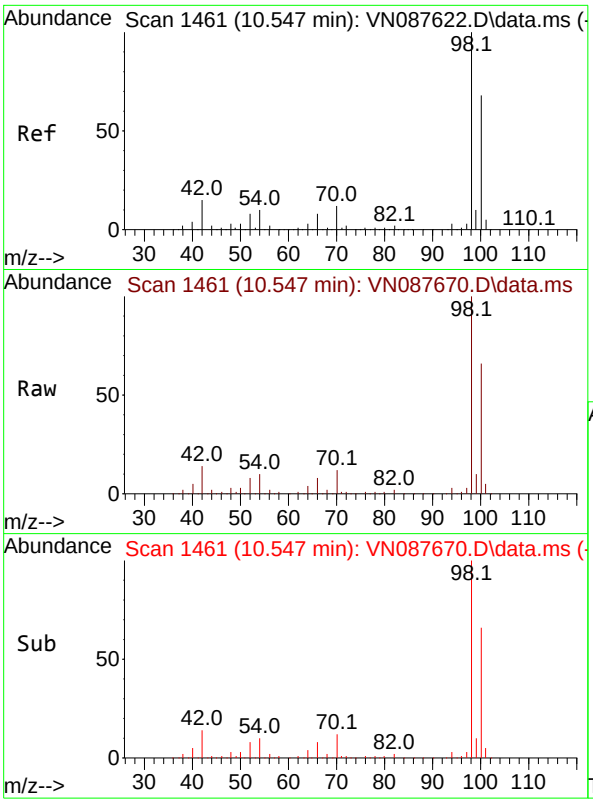


#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion:113 Resp: 139352

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	16.6	12.8	19.2



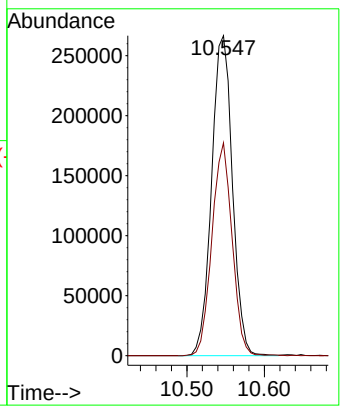


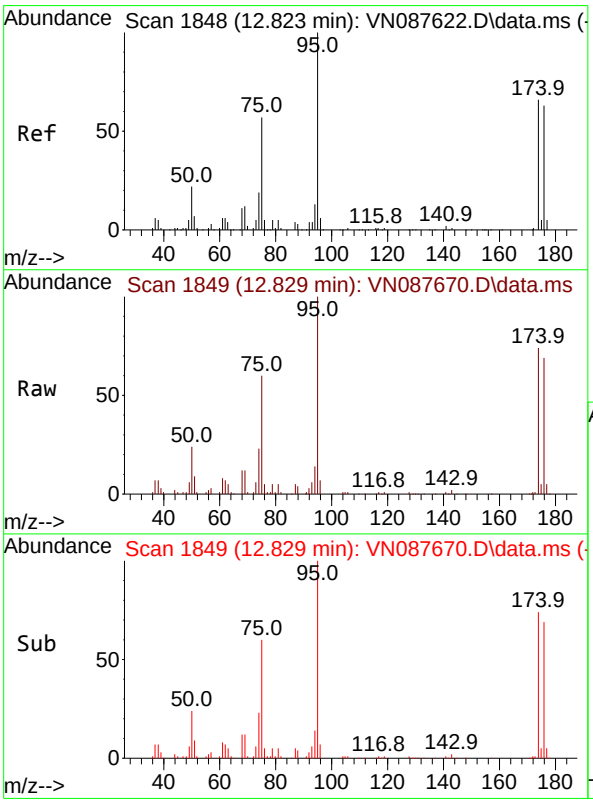
#50
Toluene-d8
Concen: 48.299 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion: 98 Resp: 497036

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.8	79.2

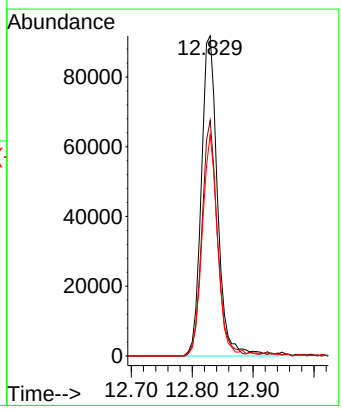


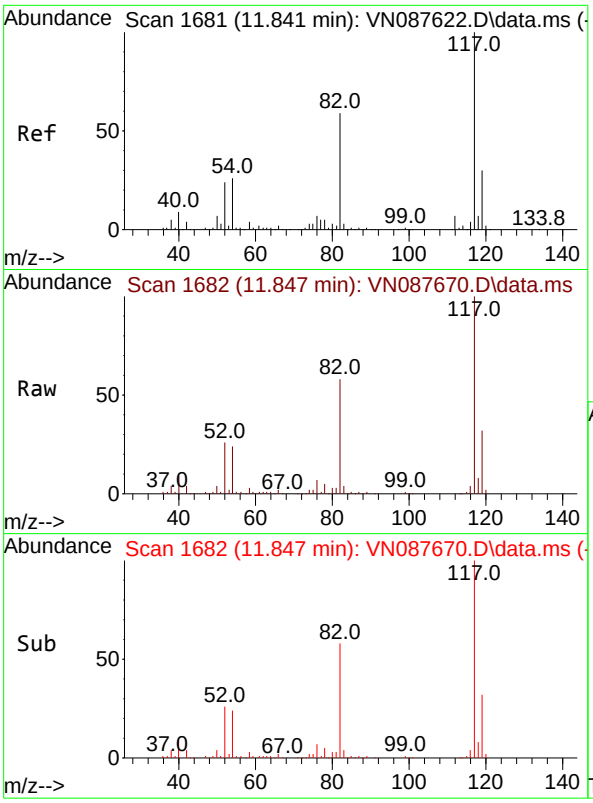


#62
4-Bromofluorobenzene
Concen: 46.468 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion: 95 Resp: 170061

Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	138.4
176	64.8	0.0	132.6



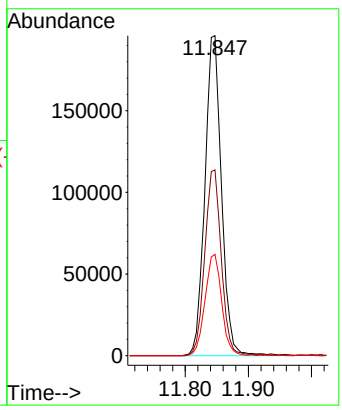


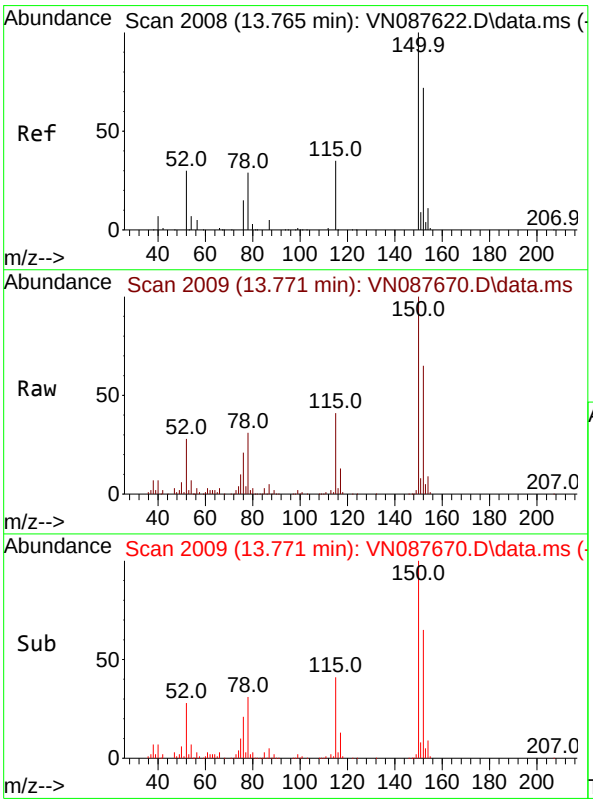
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:117 Resp: 356736

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	31.6	24.3	36.5

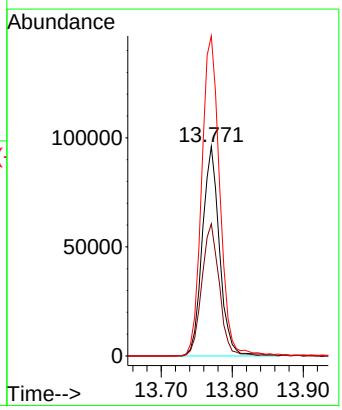




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion:152 Resp: 161997

Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.3	96.8
150	160.7	0.0	351.0



Sample Results: **VN087670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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: VN087670.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	194100	472341	34.07%	6.640%
2	8.206	1058	1063	1075	rVB2	247010	561691	40.52%	7.896%
3	8.559	1114	1123	1133	rBV	223249	507485	36.61%	7.134%
4	9.083	1203	1212	1225	rBV	471894	975426	70.36%	13.711%
5	10.547	1452	1461	1474	rBV	740441	1386290	100.00%	19.487%
6	11.841	1672	1681	1693	rBV	658618	1203571	86.82%	16.918%
7	12.829	1841	1849	1864	rBV	487982	881622	63.60%	12.393%
8	13.771	2002	2009	2022	rBV	642408	1125591	81.19%	15.822%

Sum of corrected areas: 7114017

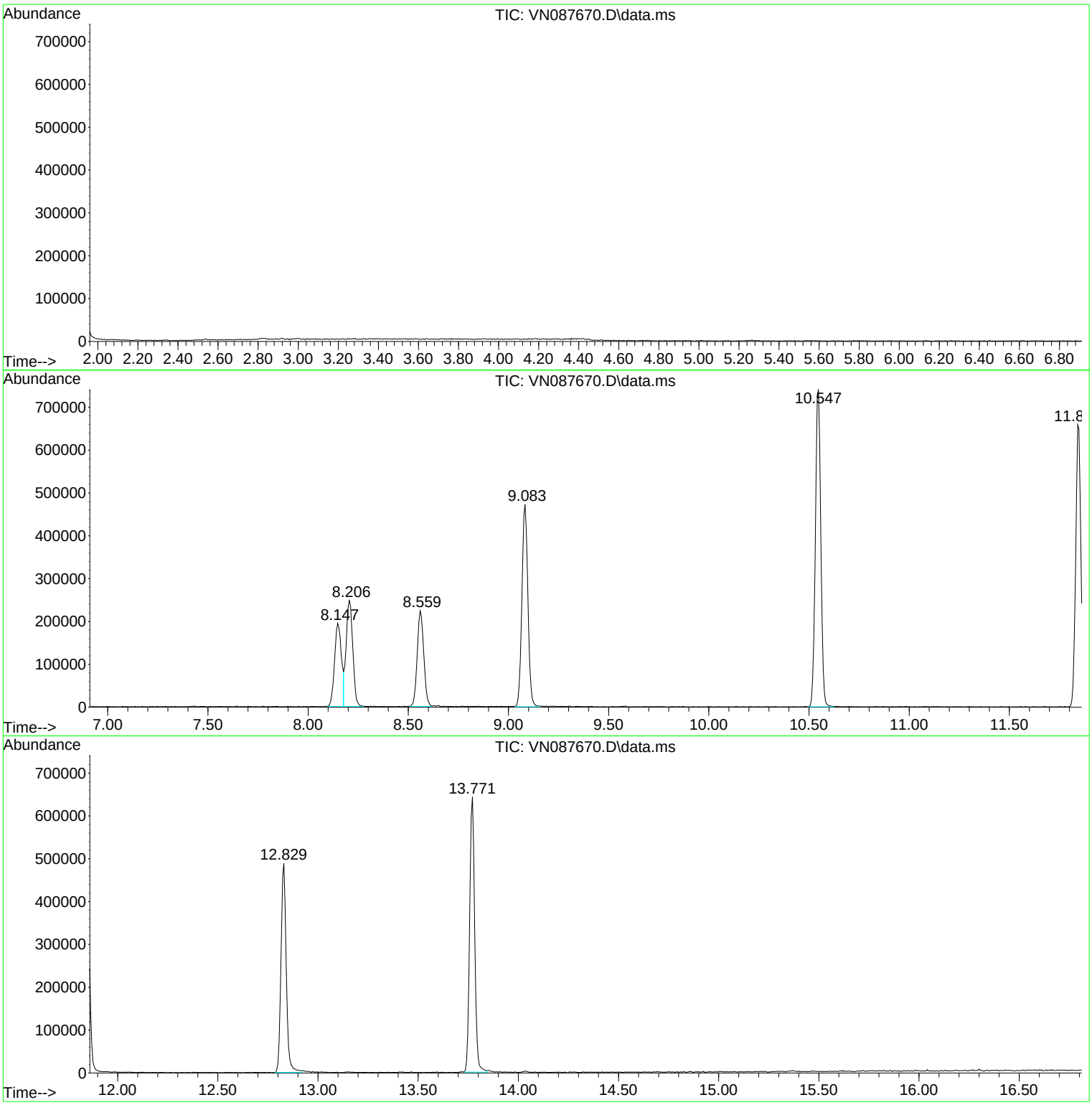
Sample Results: **VN087670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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_X\Data\VX082725\
Data File : VX047536.D
Acq On : 27 Aug 2025 13:14
Operator : JC/MD
Sample : VX0827WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Quant Time: Aug 28 01:18:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

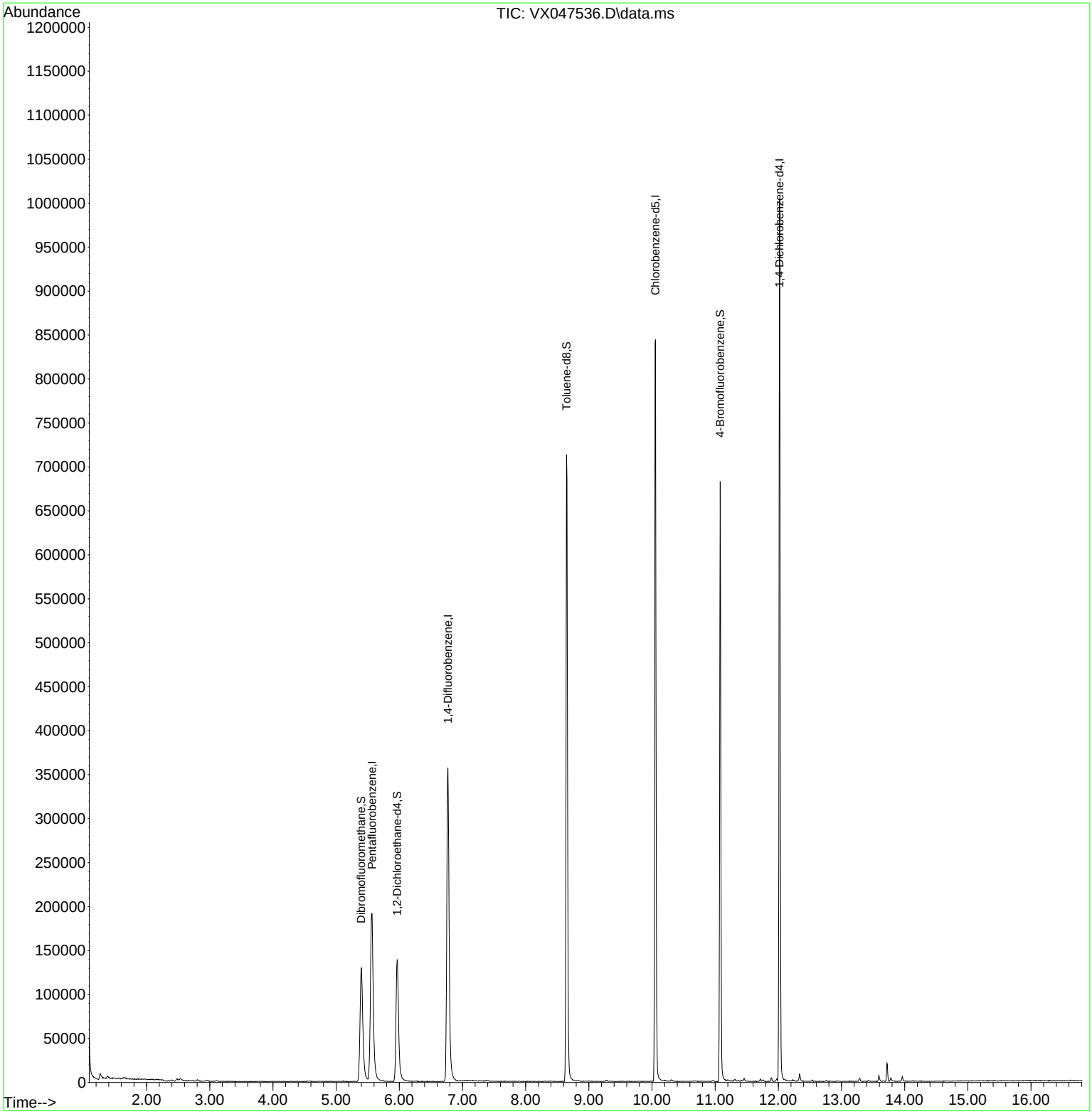
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	194583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	393301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146855	53.926	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.860%			
35) Dibromofluoromethane	5.397	113	123885	48.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.060%			
50) Toluene-d8	8.647	98	433620	47.528	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.060%			
62) 4-Bromofluorobenzene	11.079	95	182336	54.158	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.320%			
Target Compounds						Qvalue

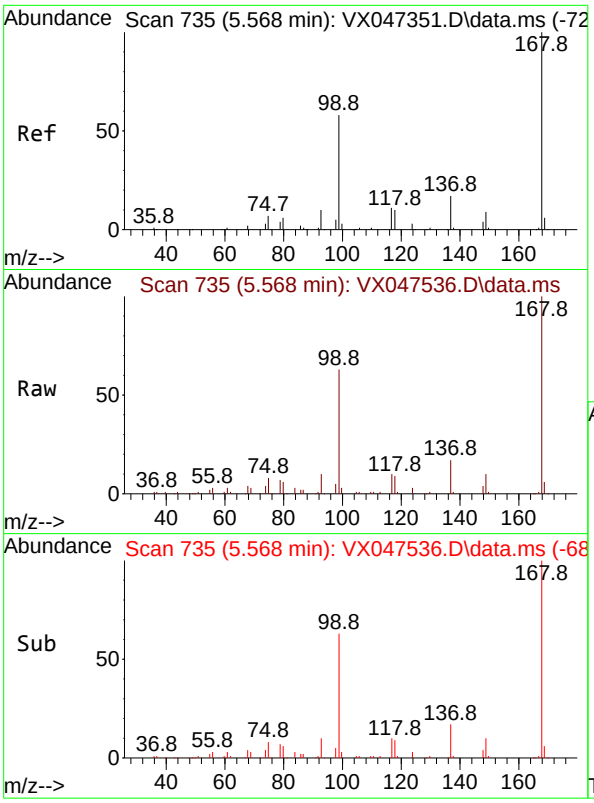
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047536.D
Acq On : 27 Aug 2025 13:14
Operator : JC/MD
Sample : VX0827WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Quant Time: Aug 28 01:18:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



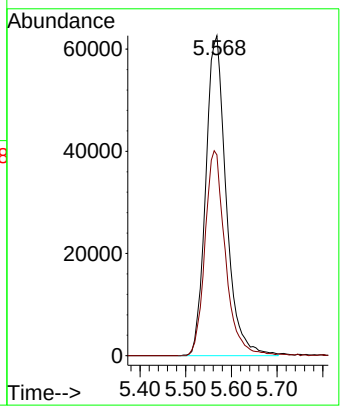


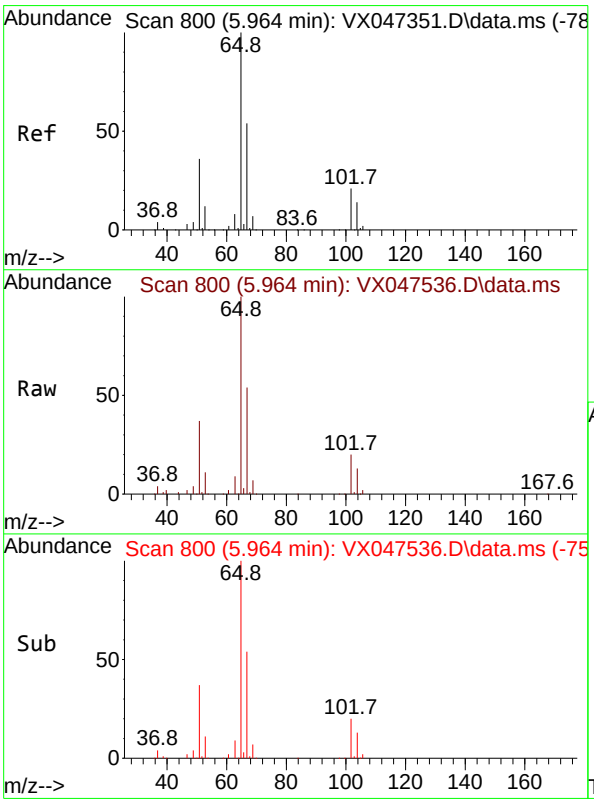
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Tgt Ion:168 Resp: 194583

Ion	Ratio	Lower	Upper
168	100		
99	62.8	47.9	71.9

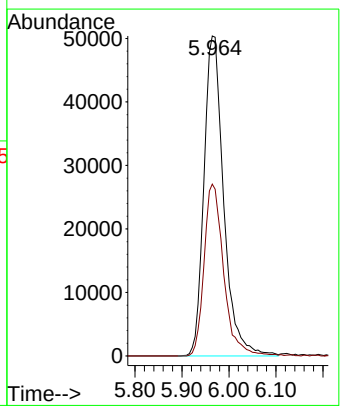


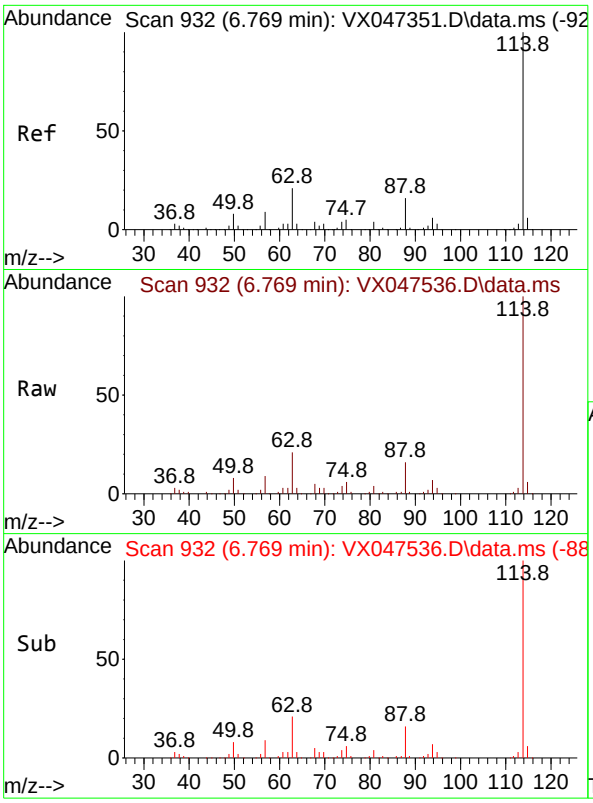


#33
1,2-Dichloroethane-d4
Concen: 53.926 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Tgt Ion: 65 Resp: 146855

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.0



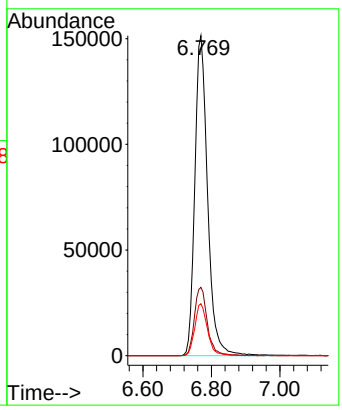


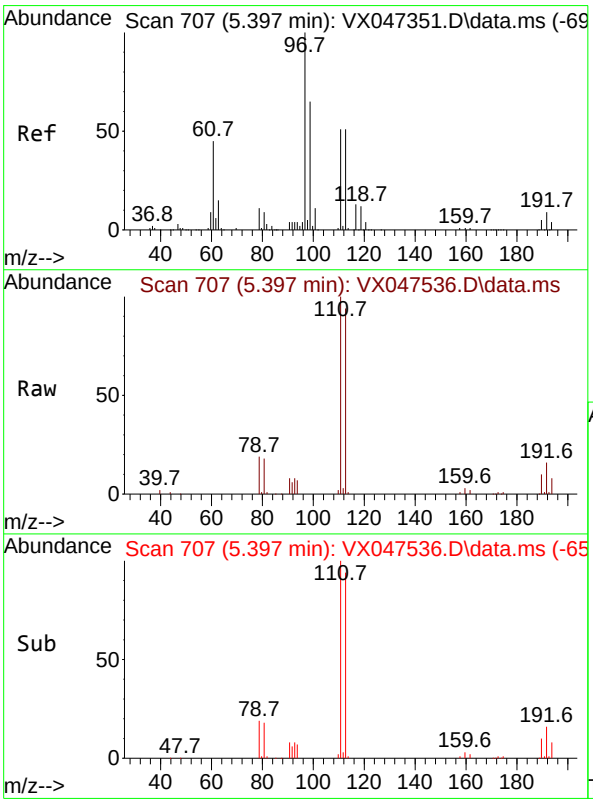
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Tgt Ion:114 Resp: 393301

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	16.3	0.0	33.0

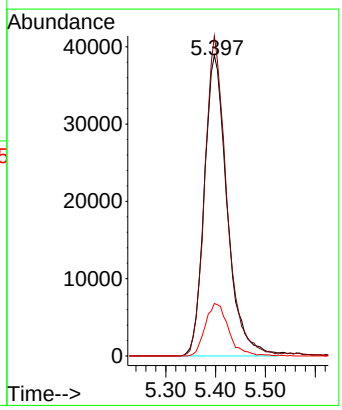


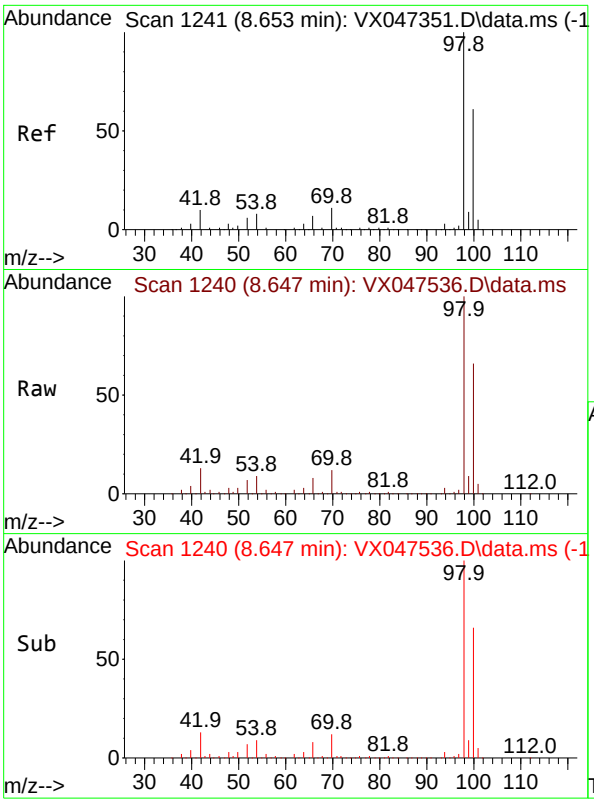


#35
Dibromofluoromethane
Concen: 48.534 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Tgt Ion:113 Resp: 123885

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	17.8	14.1	21.1



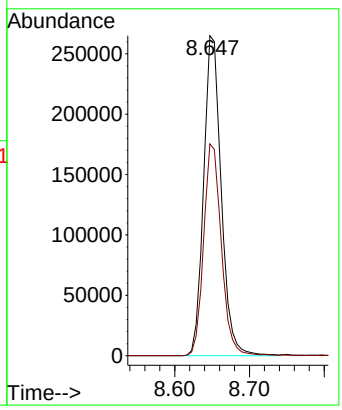


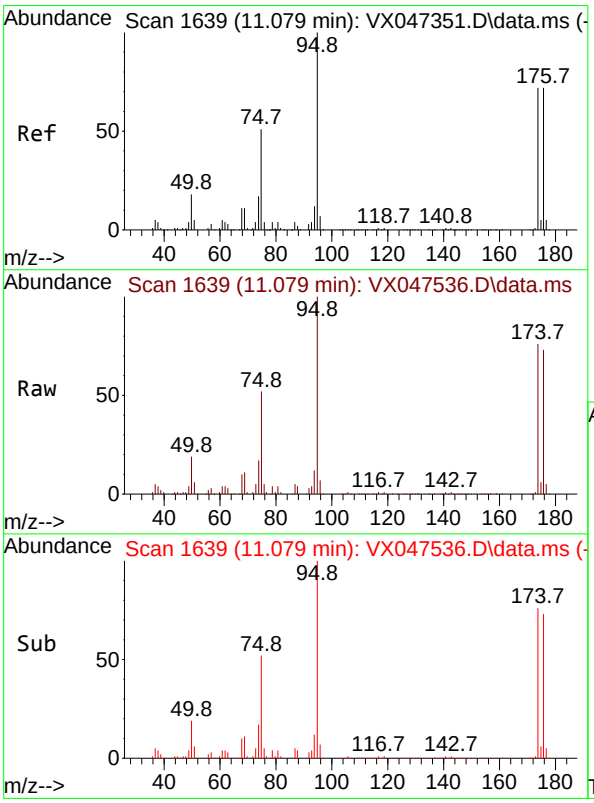
#50
Toluene-d8
Concen: 47.528 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Tgt Ion: 98 Resp: 433620

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.9	80.9

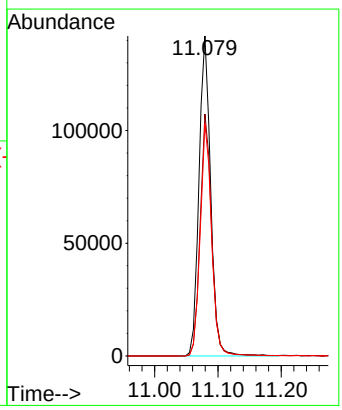


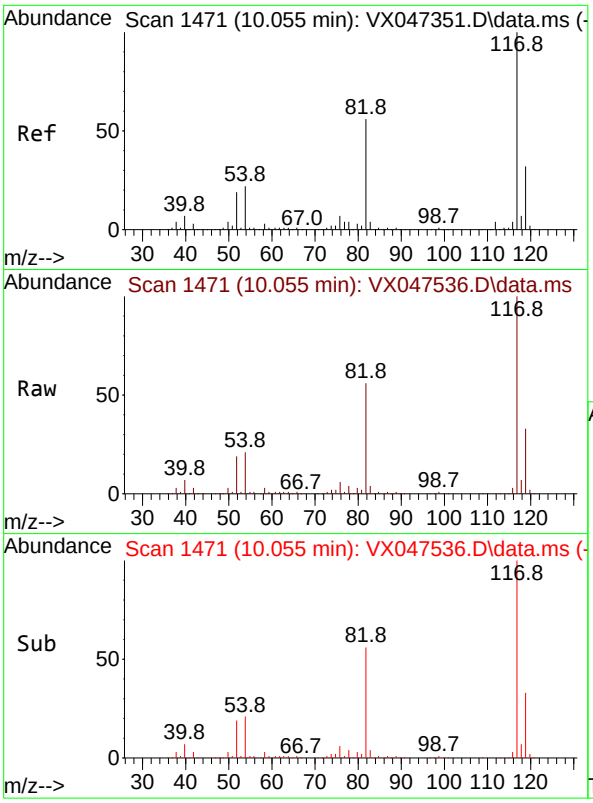


#62
4-Bromofluorobenzene
Concen: 54.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Tgt Ion: 95 Resp: 182336

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	148.0
176	71.2	0.0	145.4



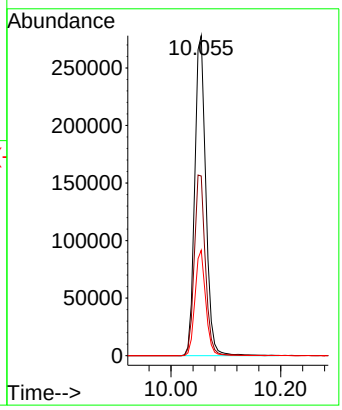


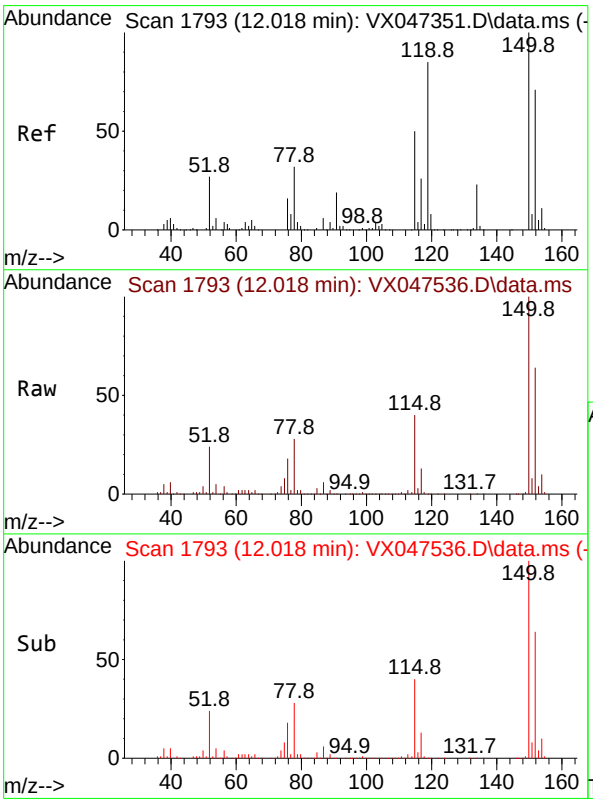
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Tgt Ion:117 Resp: 391930

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.0	67.4
119	33.0	25.8	38.8

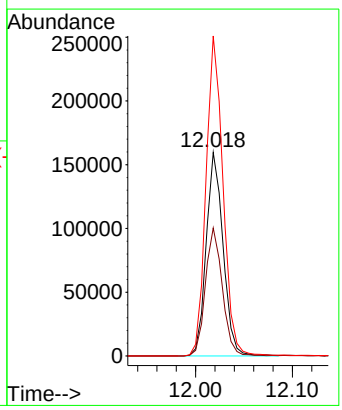




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047536.D
Acq: 27 Aug 2025 13:14

Tgt Ion:152 Resp: 194932

Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.6	133.8
150	157.6	0.0	349.8



Sample Results: **VX047536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047536.D
Acq On : 27 Aug 2025 13:14
Operator : JC/MD
Sample : VX0827WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Title : SW846 8260

Signal : TIC: VX047536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	25	29	35	rBV3	6647	13589	1.11%	0.198%
2	5.397	696	707	724	rBV	129629	408590	33.29%	5.940%
3	5.562	724	734	757	rVB	190109	600301	48.90%	8.727%
4	5.964	791	800	820	rBV2	138165	404229	32.93%	5.876%
5	6.769	922	932	954	rBV	356456	926977	75.52%	13.476%
6	8.647	1234	1240	1255	rBV	712809	1175715	95.78%	17.092%
7	10.055	1465	1471	1490	rBV	843284	1213001	98.82%	17.634%
8	11.079	1633	1639	1651	rBV	682543	870581	70.92%	12.656%
9	12.018	1788	1793	1804	rBV	1002590	1227510	100.00%	17.845%
10	12.335	1839	1845	1853	rVB3	8210	12556	1.02%	0.183%
11	13.719	2068	2072	2078	rBV3	20239	25708	2.09%	0.374%

Sum of corrected areas: 6878757

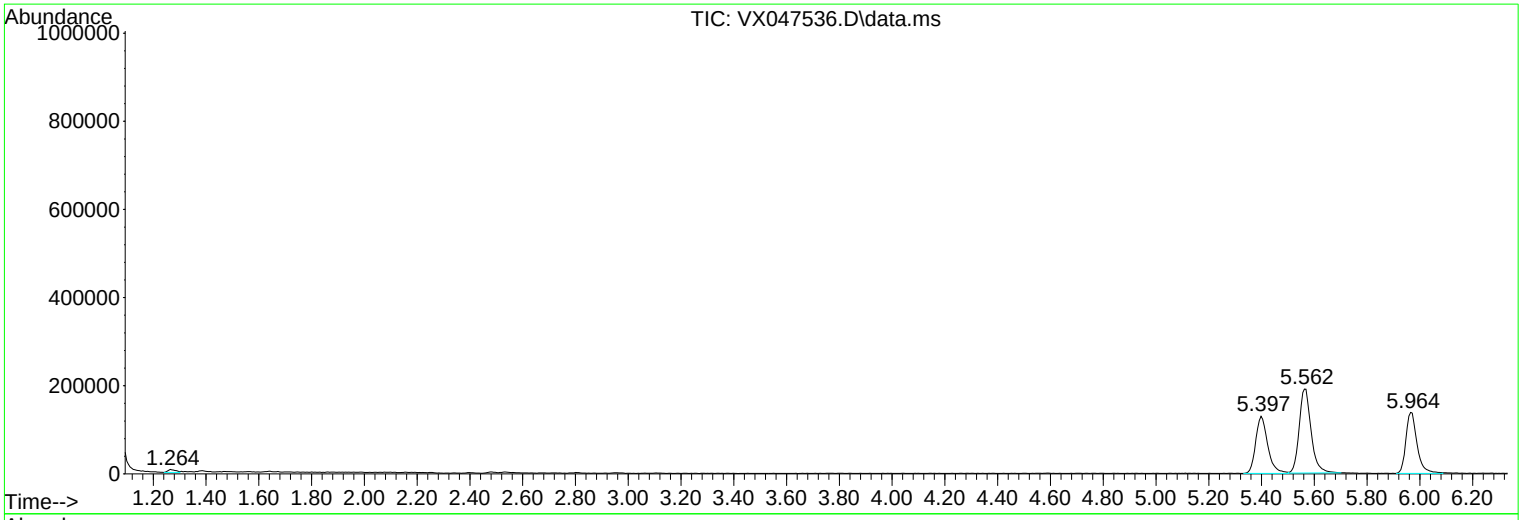
Sample Results: **VX047536.D**

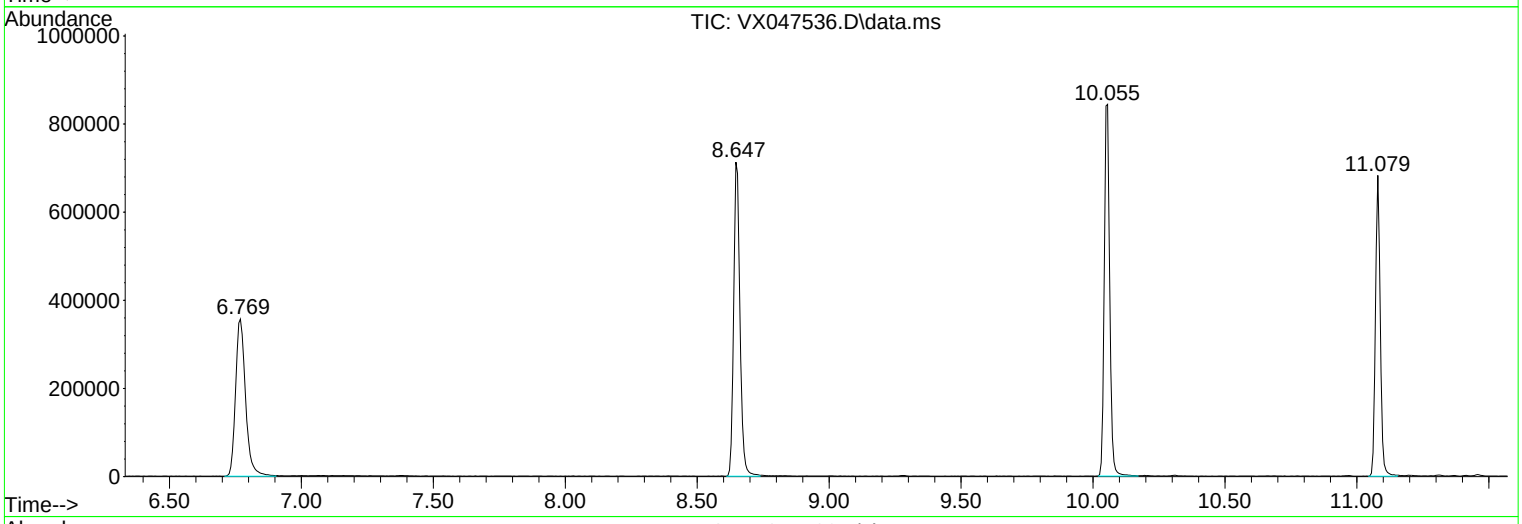
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047536.D
Acq On : 27 Aug 2025 13:14
Operator : JC/MD
Sample : VX0827WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

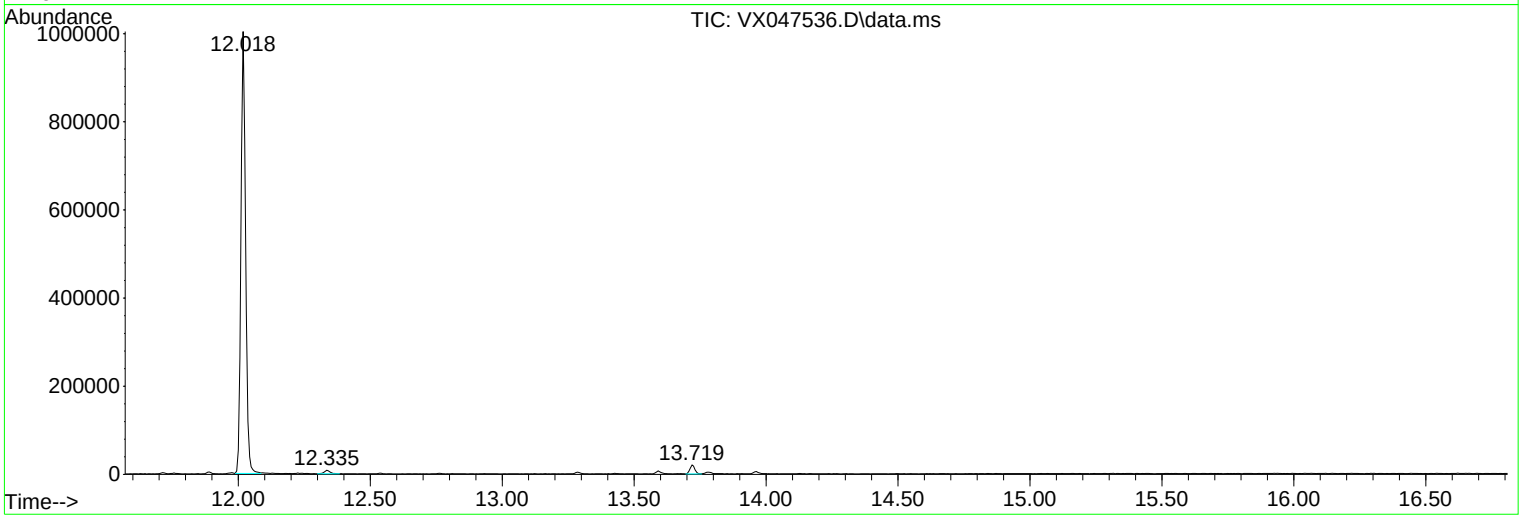
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047536.D
Acq On : 27 Aug 2025 13:14
Operator : JC/MD
Sample : VX0827WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047536.D
Acq On : 27 Aug 2025 13:14
Operator : JC/MD
Sample : VX0827WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.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\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 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 :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	198008	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.083	114	395232	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.841	117	367348	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	187839	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.559	65	194545	47.953	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.900%			
35) Dibromofluoromethane	8.153	113	132713	46.508	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.020%			
50) Toluene-d8	10.547	98	494001	46.253	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.500%			
62) 4-Bromofluorobenzene	12.829	95	179531	47.266	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.540%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	64302	22.865	ug/l		95
3) Chloromethane	2.383	50	60661	20.989	ug/l		95
4) Vinyl Chloride	2.536	62	70831	21.137	ug/l		99
5) Bromomethane	2.983	94	37311	21.579	ug/l		94
6) Chloroethane	3.142	64	49018	20.813	ug/l		97
7) Trichlorofluoromethane	3.512	101	100429	20.456	ug/l		98
8) Diethyl Ether	3.959	74	43133	20.173	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.371	101	54481	19.612	ug/l		97
10) Methyl Iodide	4.589	142	27208	18.131	ug/l	#	94
11) Tert butyl alcohol	5.518	59	69286	98.375	ug/l		99
12) 1,1-Dichloroethene	4.342	96	58926	20.641	ug/l		95
13) Acrolein	4.177	56	82354	95.114	ug/l		96
14) Allyl chloride	5.018	41	96106	18.577	ug/l		97
15) Acrylonitrile	5.712	53	197682	99.522	ug/l		100
16) Acetone	4.424	43	218652	99.006	ug/l		98
17) Carbon Disulfide	4.700	76	150572	19.159	ug/l		99
18) Methyl Acetate	5.012	43	100414	21.715	ug/l		98
19) Methyl tert-butyl Ether	5.795	73	213246	19.912	ug/l		96
20) Methylene Chloride	5.265	84	65338	19.702	ug/l	#	91
21) trans-1,2-Dichloroethene	5.777	96	57570	18.607	ug/l		95
22) Diisopropyl ether	6.659	45	227072	20.340	ug/l		99
23) Vinyl Acetate	6.589	43	1030511	101.460	ug/l		98
24) 1,1-Dichloroethane	6.559	63	121076	19.780	ug/l		98
25) 2-Butanone	7.471	43	297325	102.331	ug/l		97
26) 2,2-Dichloropropane	7.471	77	106826	20.334	ug/l		100
27) cis-1,2-Dichloroethene	7.477	96	73710	19.928	ug/l		100
28) Bromochloromethane	7.800	49	57372	19.388	ug/l		96
29) Tetrahydrofuran	7.824	42	185311	99.103	ug/l		99
30) Chloroform	7.947	83	129537	20.733	ug/l		100
31) Cyclohexane	8.241	56	98298	19.263	ug/l		95
32) 1,1,1-Trichloroethane	8.153	97	106125	20.043	ug/l		98
36) 1,1-Dichloropropene	8.347	75	81229	18.555	ug/l		98
37) Ethyl Acetate	7.547	43	112790	18.855	ug/l		98
38) Carbon Tetrachloride	8.347	117	85891	19.872	ug/l		91
39) Methylcyclohexane	9.583	83	88363	18.334	ug/l		99
40) Benzene	8.588	78	268597	20.004	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 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 :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	62721	20.241	ug/l		98
42) 1,2-Dichloroethane	8.653	62	105520	20.450	ug/l		99
43) Isopropyl Acetate	8.677	43	187397	20.065	ug/l		99
44) Trichloroethene	9.335	130	57485	18.752	ug/l		96
45) 1,2-Dichloropropane	9.600	63	70684	19.971	ug/l		98
46) Dibromomethane	9.694	93	50887	20.205	ug/l		97
47) Bromodichloromethane	9.865	83	104723	20.288	ug/l		94
48) Methyl methacrylate	9.665	41	87645	19.840	ug/l		99
49) 1,4-Dioxane	9.683	88	21896	382.402	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.424	43	589467	104.609	ug/l		99
52) Toluene	10.606	92	163594	19.653	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	106373	19.909	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	113361	20.434	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	66428	20.629	ug/l		95
56) Ethyl methacrylate	10.859	69	102385	19.895	ug/l		96
57) 1,3-Dichloropropane	11.141	76	115683	20.299	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	271042	97.309	ug/l		99
59) 2-Hexanone	11.177	43	384182	107.877	ug/l		100
60) Dibromochloromethane	11.341	129	75653	20.276	ug/l		99
61) 1,2-Dibromoethane	11.447	107	67879	19.991	ug/l		98
64) Tetrachloroethene	11.082	164	48062	18.858	ug/l		96
65) Chlorobenzene	11.871	112	178321	19.512	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.935	131	61618	20.309	ug/l		99
67) Ethyl Benzene	11.941	91	306841	19.391	ug/l		98
68) m/p-Xylenes	12.053	106	225688	38.890	ug/l		98
69) o-Xylene	12.376	106	111207	19.554	ug/l		98
70) Styrene	12.394	104	193273	20.285	ug/l		99
71) Bromoform	12.559	173	47543	20.432	ug/l	#	96
73) Isopropylbenzene	12.676	105	283161	18.655	ug/l		98
74) N-amyl acetate	12.529	43	103721m	18.032	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	106716	20.421	ug/l		98
76) 1,2,3-Trichloropropane	12.971	75	80460m	18.266	ug/l		
77) Bromobenzene	12.959	156	67613	18.892	ug/l		96
78) n-propylbenzene	13.012	91	355090	18.993	ug/l		100
79) 2-Chlorotoluene	13.100	91	210108	18.674	ug/l		99
80) 1,3,5-Trimethylbenzene	13.147	105	244526	18.990	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	31562	18.969	ug/l		88
82) 4-Chlorotoluene	13.200	91	227537	19.235	ug/l		100
83) tert-Butylbenzene	13.418	119	205289	19.132	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	256617	19.908	ug/l		96
85) sec-Butylbenzene	13.594	105	304060	19.095	ug/l		98
86) p-Isopropyltoluene	13.706	119	247190	18.800	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	133973	19.009	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	139016	18.954	ug/l		99
89) n-Butylbenzene	14.035	91	245461	18.797	ug/l		99
90) Hexachloroethane	14.306	117	47221	18.850	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	132259	19.781	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22925	18.467	ug/l		95
93) 1,2,4-Trichlorobenzene	15.370	180	77500	19.302	ug/l		98
94) Hexachlorobutadiene	15.470	225	27103	18.935	ug/l		97
95) Naphthalene	15.612	128	263572	18.533	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	72189	18.391	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 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 :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

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

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

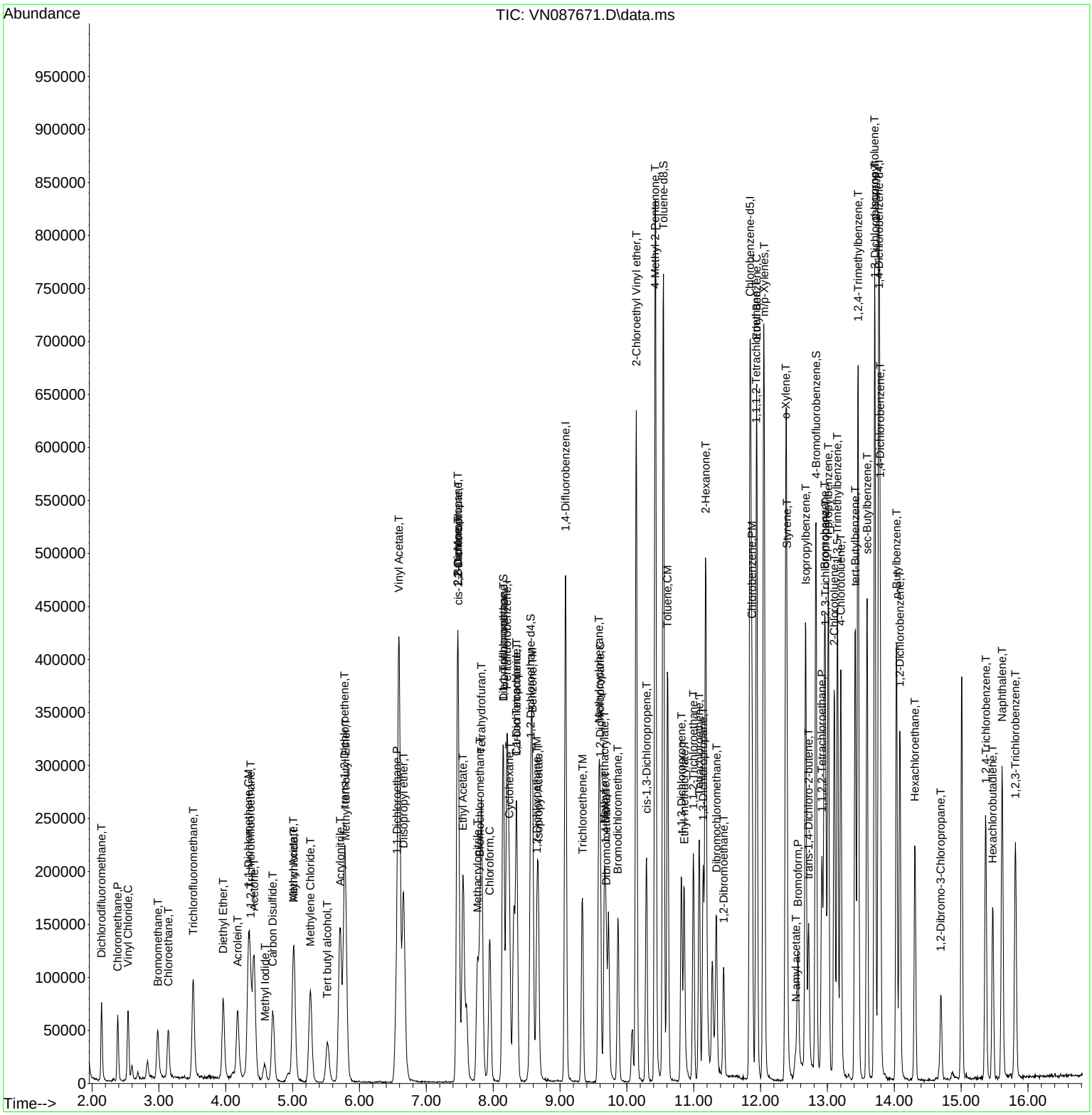
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 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 :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047537.D
Acq On : 27 Aug 2025 13:41
Operator : JC/MD
Sample : VX0827WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 28 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	218139	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	392410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178549	58.485	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.960%			
35) Dibromofluoromethane	5.391	113	137709	54.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.140%			
50) Toluene-d8	8.647	98	466188	51.213	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	189576	56.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	44695	16.073	ug/l	100
3) Chloromethane	1.313	50	43009	17.193	ug/l	99
4) Vinyl Chloride	1.392	62	52001	16.562	ug/l	98
5) Bromomethane	1.624	94	25348	19.987	ug/l	99
6) Chloroethane	1.703	64	32776	17.061	ug/l	95
7) Trichlorofluoromethane	1.904	101	79216	17.057	ug/l	99
8) Diethyl Ether	2.148	74	32851	20.088	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	46933	17.421	ug/l	99
10) Methyl Iodide	2.471	142	58486	12.668	ug/l	97
11) Tert butyl alcohol	2.959	59	31549	118.790	ug/l	96
12) 1,1-Dichloroethene	2.337	96	48588	17.691	ug/l	99
13) Acrolein	2.246	56	48727	86.913	ug/l	100
14) Allyl chloride	2.678	41	92238	19.336	ug/l	96
15) Acrylonitrile	3.081	53	133496	104.020	ug/l	100
16) Acetone	2.392	43	109278	95.228	ug/l	98
17) Carbon Disulfide	2.526	76	124366	15.006	ug/l	99
18) Methyl Acetate	2.715	43	70814	23.813	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	174127	20.840	ug/l	100
20) Methylene Chloride	2.800	84	59045	19.431	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	53594	18.385	ug/l	94
22) Diisopropyl ether	3.770	45	198297	21.029	ug/l	95
23) Vinyl Acetate	3.733	43	772606	99.964	ug/l	99
24) 1,1-Dichloroethane	3.623	63	104969	19.695	ug/l	99
25) 2-Butanone	4.568	43	164162	109.230	ug/l	99
26) 2,2-Dichloropropane	4.483	77	71363	17.740	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	66750	19.660	ug/l	97
28) Bromochloromethane	4.910	49	52618	23.724	ug/l	99
29) Tetrahydrofuran	5.019	42	104663	107.746	ug/l	97
30) Chloroform	5.099	83	110695	20.350	ug/l	100
31) Cyclohexane	5.483	56	78628	16.003	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	87674	18.726	ug/l	98
36) 1,1-Dichloropropene	5.702	75	67693	16.838	ug/l	99
37) Ethyl Acetate	4.727	43	73144	17.525	ug/l	99
38) Carbon Tetrachloride	5.684	117	74829	17.033	ug/l	94
39) Methylcyclohexane	7.385	83	68058	13.572	ug/l	91
40) Benzene	6.044	78	223797	18.598	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047537.D
Acq On : 27 Aug 2025 13:41
Operator : JC/MD
Sample : VX0827WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 28 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	34540	19.625	ug/l		98
42) 1,2-Dichloroethane	6.092	62	82469	19.348	ug/l		98
43) Isopropyl Acetate	6.342	43	118814	19.816	ug/l		99
44) Trichloroethene	7.129	130	53187	17.262	ug/l		98
45) 1,2-Dichloropropane	7.434	63	58052	19.257	ug/l		98
46) Dibromomethane	7.586	93	42228	19.295	ug/l		98
47) Bromodichloromethane	7.824	83	87142	19.206	ug/l		97
48) Methyl methacrylate	7.696	41	58947	18.940	ug/l		99
49) 1,4-Dioxane	7.684	88	14127	466.933	ug/l		93
51) 4-Methyl-2-Pentanone	8.574	43	352612	102.196	ug/l		97
52) Toluene	8.720	92	138385	18.611	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	76981	19.440	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	88286	19.697	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	57173	20.251	ug/l		94
56) Ethyl methacrylate	9.116	69	81349	19.544	ug/l		97
57) 1,3-Dichloropropane	9.305	76	94781	19.702	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	194539	102.961	ug/l		98
59) 2-Hexanone	9.433	43	235255	98.569	ug/l		99
60) Dibromochloromethane	9.519	129	66326	19.768	ug/l		100
61) 1,2-Dibromoethane	9.610	107	56333	19.350	ug/l		99
64) Tetrachloroethene	9.275	164	44127	16.641	ug/l		99
65) Chlorobenzene	10.080	112	156136	17.922	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54825	18.616	ug/l		99
67) Ethyl Benzene	10.189	91	263204	17.553	ug/l		100
68) m/p-Xylenes	10.299	106	198960	35.585	ug/l		99
69) o-Xylene	10.640	106	97985	18.211	ug/l		96
70) Styrene	10.653	104	172999	19.029	ug/l		99
71) Bromoform	10.799	173	43131	19.494	ug/l	#	99
73) Isopropylbenzene	10.957	105	246776	16.151	ug/l		99
74) N-amyl acetate	10.842	43	101989	17.578	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	80428	17.929	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	63182m	17.644	ug/l		
77) Bromobenzene	11.195	156	65376	17.523	ug/l		98
78) n-propylbenzene	11.305	91	295153	16.175	ug/l		100
79) 2-Chlorotoluene	11.360	91	185904	16.853	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	204537	16.270	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	11378	19.504	ug/l		98
82) 4-Chlorotoluene	11.451	91	215079	16.541	ug/l		100
83) tert-Butylbenzene	11.713	119	199164	15.880	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	208354	16.573	ug/l		99
85) sec-Butylbenzene	11.890	105	238005	15.310	ug/l		100
86) p-Isopropyltoluene	12.006	119	199010	15.129	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	117664	16.508	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	122868	16.761	ug/l		100
89) n-Butylbenzene	12.329	91	178902	14.622	ug/l		99
90) Hexachloroethane	12.536	117	35952	15.579	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	117043	17.300	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14123	16.279	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	67390	14.859	ug/l		99
94) Hexachlorobutadiene	13.725	225	20217	12.523	ug/l		99
95) Naphthalene	13.774	128	202191	15.600	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	63335	14.815	ug/l		99

Sample Results: **VX047537.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047537.D
Acq On : 27 Aug 2025 13:41
Operator : JC/MD
Sample : VX0827WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 28 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

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

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

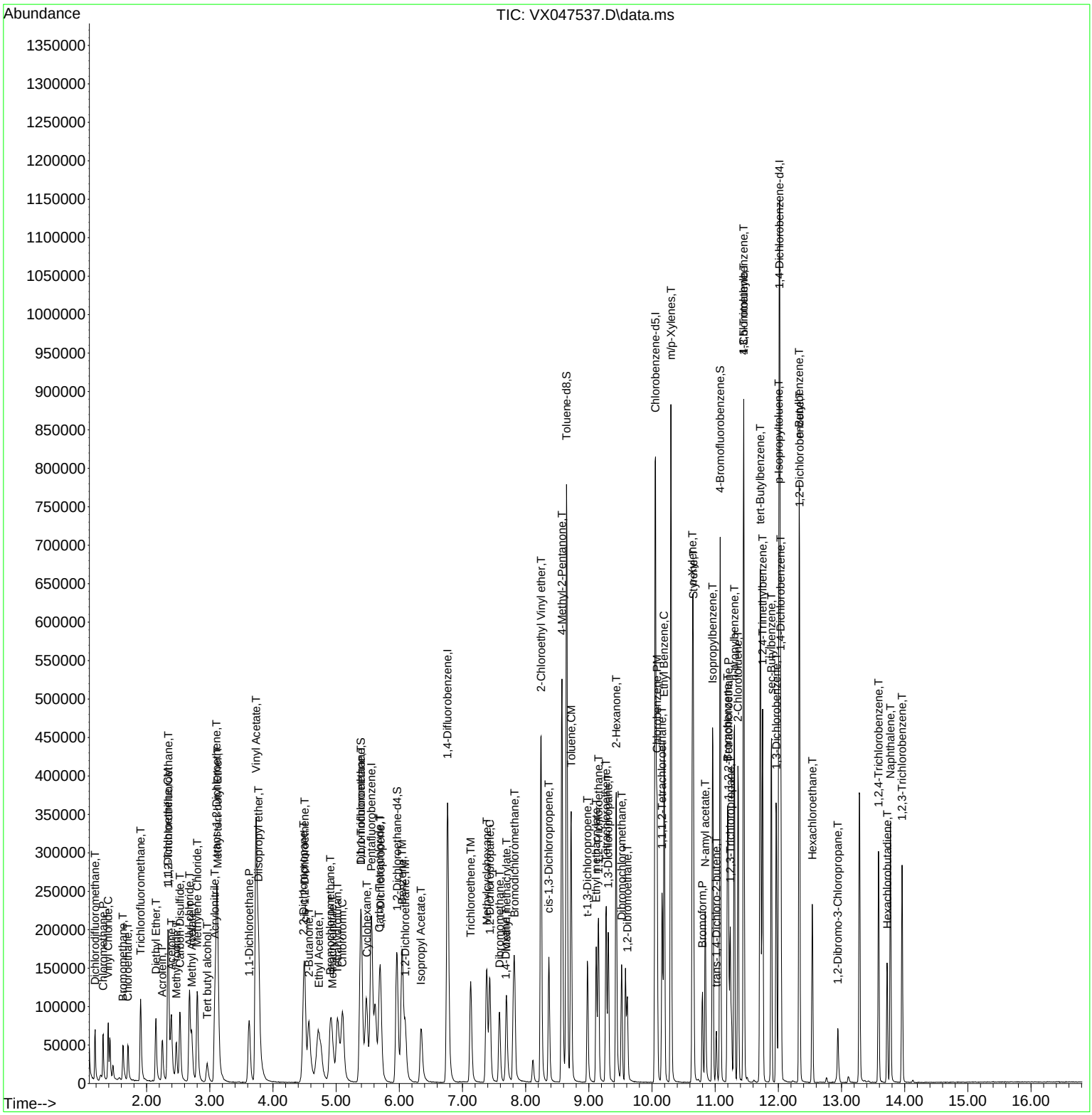
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047537.D
Acq On : 27 Aug 2025 13:41
Operator : JC/MD
Sample : VX0827WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 28 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 01:49:22 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 :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	206976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	396217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	359977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	184782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	193535	45.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.280%			
35) Dibromofluoromethane	8.147	113	136733	47.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	10.547	98	500993	46.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.580%			
62) 4-Bromofluorobenzene	12.829	95	179059	47.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	67759	23.050	ug/l	99
3) Chloromethane	2.383	50	64475	21.342	ug/l	93
4) Vinyl Chloride	2.542	62	75068	21.431	ug/l	100
5) Bromomethane	2.983	94	39732	21.984	ug/l	100
6) Chloroethane	3.136	64	49343	20.043	ug/l	99
7) Trichlorofluoromethane	3.512	101	111231	21.675	ug/l	90
8) Diethyl Ether	3.959	74	44352	19.844	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	62830	21.637	ug/l	99
10) Methyl Iodide	4.577	142	29443	18.530	ug/l	98
11) Tert butyl alcohol	5.530	59	72173	98.034	ug/l	98
12) 1,1-Dichloroethene	4.342	96	60685	20.336	ug/l	93
13) Acrolein	4.177	56	85491	94.459	ug/l	98
14) Allyl chloride	5.018	41	98170	18.154	ug/l	96
15) Acrylonitrile	5.706	53	206499	99.457	ug/l	97
16) Acetone	4.424	43	211003	91.403	ug/l	97
17) Carbon Disulfide	4.700	76	153252	18.655	ug/l	100
18) Methyl Acetate	5.012	43	101791	21.059	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	223051	19.925	ug/l	98
20) Methylene Chloride	5.259	84	68454	19.750	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	61371	18.976	ug/l	95
22) Diisopropyl ether	6.659	45	232176	19.896	ug/l	94
23) Vinyl Acetate	6.589	43	962474	90.655	ug/l	99
24) 1,1-Dichloroethane	6.547	63	126126	19.712	ug/l	97
25) 2-Butanone	7.471	43	289526	95.329	ug/l	96
26) 2,2-Dichloropropane	7.477	77	103139	18.782	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	74996	19.397	ug/l	100
28) Bromochloromethane	7.794	49	56986	18.423	ug/l	99
29) Tetrahydrofuran	7.830	42	193504	99.001	ug/l	98
30) Chloroform	7.947	83	130682	20.010	ug/l	98
31) Cyclohexane	8.241	56	110045	20.631	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	108230	19.555	ug/l	99
36) 1,1-Dichloropropene	8.353	75	88312	20.123	ug/l	98
37) Ethyl Acetate	7.547	43	114643	19.117	ug/l	97
38) Carbon Tetrachloride	8.341	117	90066	20.786	ug/l	91
39) Methylcyclohexane	9.582	83	95782	19.824	ug/l	96
40) Benzene	8.588	78	270802	20.118	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 01:49:22 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 :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	62695	20.182	ug/l		99
42) 1,2-Dichloroethane	8.653	62	105520	20.400	ug/l		99
43) Isopropyl Acetate	8.677	43	195246	20.853	ug/l		99
44) Trichloroethene	9.330	130	59652	19.411	ug/l		94
45) 1,2-Dichloropropane	9.600	63	69537	19.599	ug/l		97
46) Dibromomethane	9.694	93	51853	20.537	ug/l		99
47) Bromodichloromethane	9.871	83	102379	19.785	ug/l		96
48) Methyl methacrylate	9.665	41	87071	19.661	ug/l		99
49) 1,4-Dioxane	9.682	88	23605	411.224	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	594306	105.205	ug/l		99
52) Toluene	10.612	92	165592	19.844	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	108215	20.204	ug/l		98
54) cis-1,3-Dichloropropene	10.294	75	114549	20.597	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	68489	21.216	ug/l		92
56) Ethyl methacrylate	10.859	69	106749	20.692	ug/l		96
57) 1,3-Dichloropropane	11.147	76	115068	20.141	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	277913	99.528	ug/l		98
59) 2-Hexanone	11.176	43	383755	107.489	ug/l		98
60) Dibromochloromethane	11.335	129	72855	19.478	ug/l		99
61) 1,2-Dibromoethane	11.447	107	68327	20.073	ug/l		100
64) Tetrachloroethene	11.082	164	50073	20.049	ug/l		93
65) Chlorobenzene	11.871	112	176540	19.713	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	63838	21.471	ug/l		96
67) Ethyl Benzene	11.941	91	315866	20.370	ug/l		97
68) m/p-Xylenes	12.053	106	231713	40.746	ug/l		99
69) o-Xylene	12.376	106	112208	20.134	ug/l		100
70) Styrene	12.388	104	189044	20.248	ug/l		98
71) Bromoform	12.559	173	46074	20.206	ug/l	#	97
73) Isopropylbenzene	12.676	105	289737	19.404	ug/l		99
74) N-amyl acetate	12.535	43	96147m	16.991	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	106247	20.668	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	86445m	19.949	ug/l		
77) Bromobenzene	12.965	156	68239	19.383	ug/l		97
78) n-propylbenzene	13.018	91	369770	20.105	ug/l		100
79) 2-Chlorotoluene	13.106	91	213667	19.305	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	247355	19.528	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	30139	18.413	ug/l		87
82) 4-Chlorotoluene	13.200	91	228263	19.616	ug/l		99
83) tert-Butylbenzene	13.418	119	210808	19.971	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	254840	20.098	ug/l		100
85) sec-Butylbenzene	13.594	105	317754	20.285	ug/l		100
86) p-Isopropyltoluene	13.706	119	262003	20.256	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	136873	19.742	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	138615	19.212	ug/l		98
89) n-Butylbenzene	14.035	91	258480	20.121	ug/l		98
90) Hexachloroethane	14.312	117	50150	20.351	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	131763	20.032	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	24883	20.376	ug/l		94
93) 1,2,4-Trichlorobenzene	15.370	180	76342	19.329	ug/l		97
94) Hexachlorobutadiene	15.476	225	29207	20.742	ug/l		99
95) Naphthalene	15.617	128	270597	19.342	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	74991	19.421	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 01:49:22 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 :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

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\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
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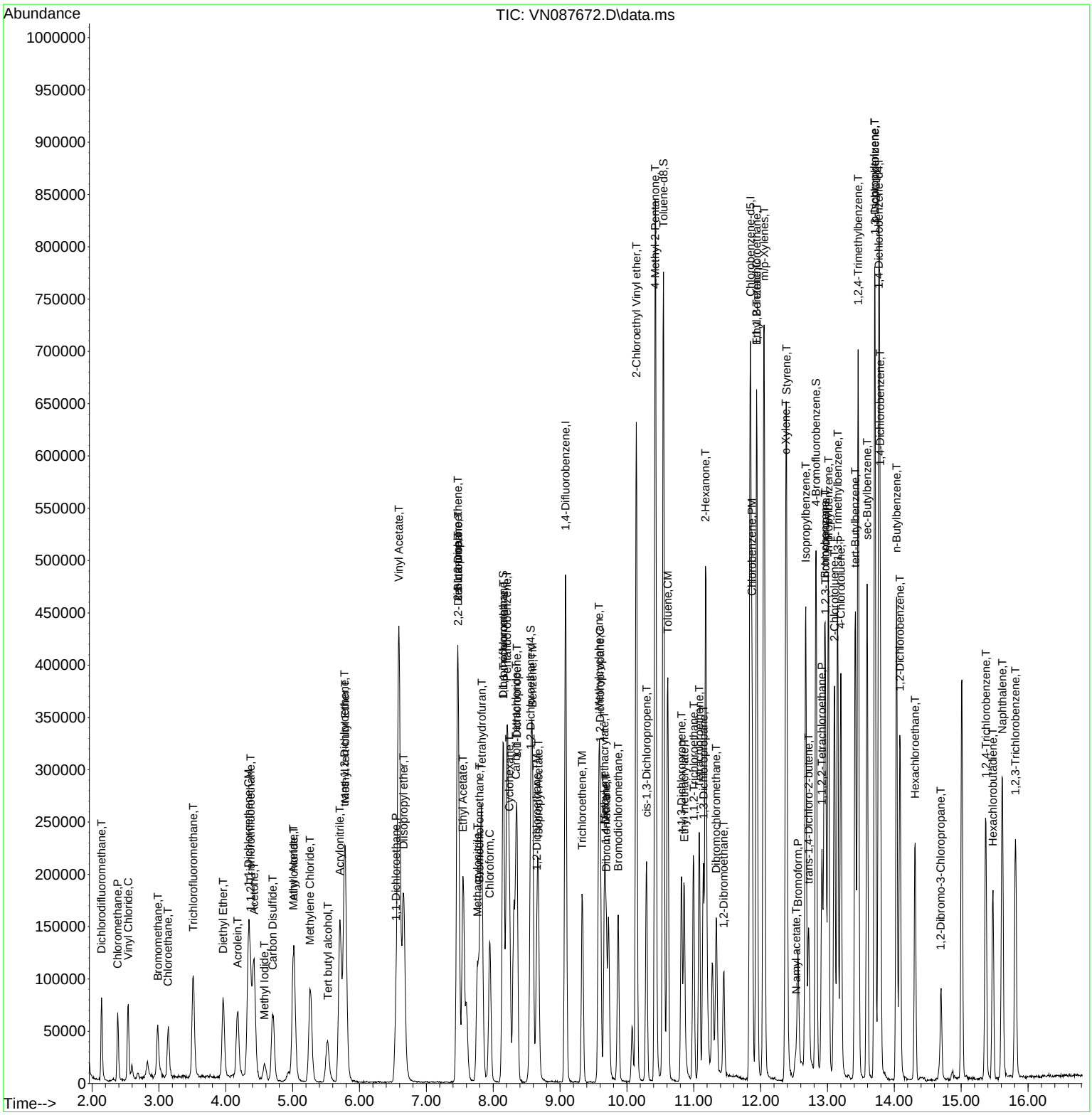
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



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:	VN082625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087668.D	1,2,3-Trichloropropane	JOHN	8/27/2025 11:38:56 AM	MMDadoda	8/27/2025 3:10:56 PM	Peak Integrated by Software
VSTDCCC050	VN087668.D	N-amyl acetate	JOHN	8/27/2025 11:38:56 AM	MMDadoda	8/27/2025 3:10:56 PM	Peak Integrated by Software
VN0826WBS01	VN087671.D	1,2,3-Trichloropropane	JOHN	8/27/2025 11:39:01 AM	MMDadoda	8/27/2025 3:10:54 PM	Peak Integrated by Software
VN0826WBS01	VN087671.D	N-amyl acetate	JOHN	8/27/2025 11:39:01 AM	MMDadoda	8/27/2025 3:10:54 PM	Peak Integrated by Software
VN0826WBSD01	VN087672.D	1,2,3-Trichloropropane	JOHN	8/27/2025 11:39:07 AM	MMDadoda	8/27/2025 3:10:58 PM	Peak Integrated by Software
VN0826WBSD01	VN087672.D	N-amyl acetate	JOHN	8/27/2025 11:39:07 AM	MMDadoda	8/27/2025 3:10:58 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX081525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX047349.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC005	VX047349.D	1,4-Dioxane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC005	VX047349.D	Tetrahydrofuran	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC020	VX047350.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDICC020	VX047350.D	1,4-Dioxane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDICCC050	VX047351.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:42:59 AM	MMDadoda	8/19/2025 1:41:07 AM	Peak Integrated by Software
VSTDICC100	VX047352.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:03 AM	MMDadoda	8/19/2025 1:41:08 AM	Peak Integrated by Software
VSTDICC150	VX047353.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:07 AM	MMDadoda	8/19/2025 1:41:10 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,4-Dichlorobenzene	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,4-Dioxane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Allyl chloride	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Ethyl Acetate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX081525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047356.D	Methacrylonitrile	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Methyl methacrylate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Tetrahydrofuran	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,4-Dioxane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VSTDCCC050	VX047369.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:44 AM	MMDadoda	8/19/2025 1:41:35 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX082725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047534.D	1,2,3-Trichloropropane	JOHN	8/28/2025 8:34:44 AM	MMDadoda	8/28/2025 12:29:07 PM	Peak Integrated by Software
VX0827WBS01	VX047537.D	1,2,3-Trichloropropane	JOHN	8/28/2025 8:34:50 AM	MMDadoda	8/28/2025 12:29:11 PM	Peak Integrated by Software

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

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082625

Review By	John Carlone	Review On	8/27/2025 11:39:51 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/27/2025 3:18:48 PM		
SubDirectory	VN082625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135303
Initial Calibration Stds	
CCC	VP135304,VP135305
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087667.D	26 Aug 2025 12:36	JC\MD	Ok
2	VSTDCCC050	VN087668.D	26 Aug 2025 13:38	JC\MD	Ok,M
3	VN0826MBL01	VN087669.D	26 Aug 2025 14:48	JC\MD	Ok
4	VN0826WBL01	VN087670.D	26 Aug 2025 15:08	JC\MD	Ok
5	VN0826WBS01	VN087671.D	26 Aug 2025 15:29	JC\MD	Ok,M
6	VN0826WBSD01	VN087672.D	26 Aug 2025 16:02	JC\MD	Ok,M
7	Q2963-01	VN087673.D	26 Aug 2025 16:24	JC\MD	Ok
8	Q2964-02	VN087674.D	26 Aug 2025 16:45	JC\MD	Dilution

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047347.D	15 Aug 2025 08:28	JC/MD	Ok
2	VSTDICC001	VX047348.D	15 Aug 2025 09:18	JC/MD	Not Ok
3	VSTDICC005	VX047349.D	15 Aug 2025 09:40	JC/MD	Ok,M
4	VSTDICC020	VX047350.D	15 Aug 2025 10:01	JC/MD	Ok,M
5	VSTDICCC050	VX047351.D	15 Aug 2025 10:22	JC/MD	Ok,M
6	VSTDICC100	VX047352.D	15 Aug 2025 10:43	JC/MD	Ok,M
7	VSTDICC150	VX047353.D	15 Aug 2025 11:05	JC/MD	Ok,M
8	IBLK	VX047354.D	15 Aug 2025 11:26	JC/MD	Ok
9	VSTDICC001	VX047355.D	15 Aug 2025 12:08	JC/MD	Not Ok
10	VSTDICC001	VX047356.D	15 Aug 2025 12:30	JC/MD	Ok,M
11	VSTDICV050	VX047357.D	15 Aug 2025 13:11	JC/MD	Ok,M
12	VX0815WBL01	VX047358.D	15 Aug 2025 13:39	JC/MD	Ok
13	VX0815MBL01	VX047359.D	15 Aug 2025 14:00	JC/MD	Ok
14	VX0815WBS01	VX047360.D	15 Aug 2025 14:21	JC/MD	Ok,M
15	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49	JC/MD	Ok,M
16	Q2880-01	VX047362.D	15 Aug 2025 15:10	JC/MD	Ok
17	Q2880-02	VX047363.D	15 Aug 2025 15:32	JC/MD	Ok
18	Q2880-03	VX047364.D	15 Aug 2025 15:53	JC/MD	Ok
19	Q2880-04	VX047365.D	15 Aug 2025 16:15	JC/MD	Ok
20	Q2886-01	VX047366.D	15 Aug 2025 16:36	JC/MD	Ok
21	Q2886-02	VX047367.D	15 Aug 2025 16:58	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2837-01	VX047368.D	15 Aug 2025 17:19	JC/MD	Ok,M
23	VSTDCCC050	VX047369.D	15 Aug 2025 17:41	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX082725

Review By	John Carlone	Review On	8/28/2025 8:36:03 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/28/2025 12:29:17 PM		
SubDirectory	VX082725	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135314
Initial Calibration Stds	
CCC	VP135315,VP135316
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047533.D	27 Aug 2025 08:01	JC/MD	Ok
2	VSTDCCC050	VX047534.D	27 Aug 2025 12:23	JC/MD	Ok,M
3	VX0827MBL01	VX047535.D	27 Aug 2025 12:53	JC/MD	Ok
4	VX0827WBL01	VX047536.D	27 Aug 2025 13:14	JC/MD	Ok
5	VX0827WBS01	VX047537.D	27 Aug 2025 13:41	JC/MD	Ok,M
6	VX0827WBSD01	VX047538.D	27 Aug 2025 14:10	JC/MD	Ok,M
7	Q2964-02DL	VX047539.D	27 Aug 2025 14:44	JC/MD	Ok
8	Q2971-37	VX047540.D	27 Aug 2025 16:48	JC/MD	ReRun

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 # VN082625

Review By	John Carlone	Review On	8/27/2025 11:39:51 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/27/2025 3:18:48 PM		
SubDirectory	VN082625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135303
Initial Calibration Stds	
CCC	VP135304,VP135305
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087667.D	26 Aug 2025 12:36		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087668.D	26 Aug 2025 13:38	pH#Lot#V12668	JC\MD	Ok,M
3	VN0826MBL01	VN0826MBL01	VN087669.D	26 Aug 2025 14:48		JC\MD	Ok
4	VN0826WBL01	VN0826WBL01	VN087670.D	26 Aug 2025 15:08		JC\MD	Ok
5	VN0826WBS01	VN0826WBS01	VN087671.D	26 Aug 2025 15:29		JC\MD	Ok,M
6	VN0826WBSD01	VN0826WBSD01	VN087672.D	26 Aug 2025 16:02		JC\MD	Ok,M
7	Q2963-01	MW1	VN087673.D	26 Aug 2025 16:24	vial A pH<2	JC\MD	Ok
8	Q2964-02	MW3	VN087674.D	26 Aug 2025 16:45	vial A pH<2 Need 5X	JC\MD	Dilution

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047347.D	15 Aug 2025 08:28		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047348.D	15 Aug 2025 09:18	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX047349.D	15 Aug 2025 09:40	LR-58,81	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047350.D	15 Aug 2025 10:01		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047351.D	15 Aug 2025 10:22		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047352.D	15 Aug 2025 10:43		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047353.D	15 Aug 2025 11:05		JC/MD	Ok,M
8	IBLK	IBLK	VX047354.D	15 Aug 2025 11:26		JC/MD	Ok
9	VSTDICC001	VSTDICC001	VX047355.D	15 Aug 2025 12:08	Not used	JC/MD	Not Ok
10	VSTDICC001	VSTDICC001	VX047356.D	15 Aug 2025 12:30		JC/MD	Ok,M
11	VSTDICV050	ICVVX081525	VX047357.D	15 Aug 2025 13:11		JC/MD	Ok,M
12	VX0815WBL01	VX0815WBL01	VX047358.D	15 Aug 2025 13:39		JC/MD	Ok
13	VX0815MBL01	VX0815MBL01	VX047359.D	15 Aug 2025 14:00		JC/MD	Ok
14	VX0815WBS01	VX0815WBS01	VX047360.D	15 Aug 2025 14:21		JC/MD	Ok,M
15	VX0815WBSD01	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49		JC/MD	Ok,M
16	Q2880-01	STORAGE-BLANK-SO	VX047362.D	15 Aug 2025 15:10	vial A pH<2	JC/MD	Ok
17	Q2880-02	STORAGE-BLANK-WA	VX047363.D	15 Aug 2025 15:32	vial A pH<2	JC/MD	Ok
18	Q2880-03	STORAGE-BLANK-WA	VX047364.D	15 Aug 2025 15:53	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2880-04	STORAGE-BLANK-SAI	VX047365.D	15 Aug 2025 16:15	vial A pH<2	JC/MD	Ok
20	Q2886-01	BP-TT182D-TB-202508	VX047366.D	15 Aug 2025 16:36	vial A pH<2	JC/MD	Ok
21	Q2886-02	BP-TT182D-GW-20250	VX047367.D	15 Aug 2025 16:58	vial A pH<2 Surrogate Fail	JC/MD	ReRun
22	Q2837-01	TW-WTS-13	VX047368.D	15 Aug 2025 17:19	vial B pH<2	JC/MD	Ok,M
23	VSTDCCC050	VSTDCCC050EC	VX047369.D	15 Aug 2025 17:41		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX082725

Review By	John Carlone	Review On	8/28/2025 8:36:03 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/28/2025 12:29:17 PM		
SubDirectory	VX082725	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135314
Initial Calibration Stds	
CCC	VP135315,VP135316
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047533.D	27 Aug 2025 08:01		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047534.D	27 Aug 2025 12:23	pH#Lot#V12668	JC/MD	Ok,M
3	VX0827MBL01	VX0827MBL01	VX047535.D	27 Aug 2025 12:53		JC/MD	Ok
4	VX0827WBL01	VX0827WBL01	VX047536.D	27 Aug 2025 13:14		JC/MD	Ok
5	VX0827WBS01	VX0827WBS01	VX047537.D	27 Aug 2025 13:41		JC/MD	Ok,M
6	VX0827WBSD01	VX0827WBSD01	VX047538.D	27 Aug 2025 14:10		JC/MD	Ok,M
7	Q2964-02DL	MW3DL	VX047539.D	27 Aug 2025 14:44	vial B pH<2	JC/MD	Ok
8	Q2971-37	GROUNDWATER	VX047540.D	27 Aug 2025 16:48	vial A pH<2 Surrogate fail	JC/MD	ReRun

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2964	**OrderDate:**	8/26/2025 2:35:00 PM
Client:	G Environmental	**Project:**	Buff
Contact:	Gary Landis	**Location:**	D41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2964-02	**MW3**	**Water**			**08/25/25**			**08/26/25**
			VOCMS Group1	8260-Low			08/26/25	
Q2964-02DL	**MW3DL**	**Water**			**08/25/25**			**08/26/25**
			VOCMS Group1	8260-Low			08/27/25	