

Hit Summary Sheet
SW-846

SDG No.: Q3743

Client: Remington & Vernick

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	TW-1125-1							
Q3743-01	TW-1125-1	Water	Acetone	21.6		1.50	5.00	ug/L
			Total Voc :	21.6				
			Total Concentration:	21.6				
Client ID:	TW-1125-2							
Q3743-02	TW-1125-2	Water	Acetone	19.0		1.50	5.00	ug/L
			Total Voc :	19.0				
			Total Concentration:	19.0				



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: TW-1125-1
Lab Sample ID: Q3743-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3743
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:20	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 18:20	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 18:20	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 18:20	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 18:20	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 18:20	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 18:20	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:20	VN120125
67-64-1	Acetone	21.6		1	1.50	5.00	ug/L	12/01/25 18:20	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 18:20	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:20	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 18:20	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 18:20	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:20	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:20	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 18:20	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 18:20	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 18:20	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 18:20	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:20	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 18:20	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:20	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:20	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 18:20	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:20	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 18:20	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:20	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:20	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 18:20	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 18:20	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 18:20	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:20	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 18:20	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 18:20	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 18:20	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 18:20	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:20	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 18:20	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 18:20	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 18:20	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 18:20	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 18:20	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 18:20	VN120125



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Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/26/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	TW-1125-1	SDG No.:	Q3743
Lab Sample ID:	Q3743-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 18:20	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 18:20	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:20	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 18:20	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:20	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 18:20	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:20	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:20	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.7			74 - 125	123%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8			75 - 124	108%	SPK: 50
2037-26-5	Toluene-d8	50.2			86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4			77 - 121	107%	SPK: 50

INTERNAL STANDARDS

Area Count

363-72-4	Pentafluorobenzene	151000
540-36-3	1,4-Difluorobenzene	354000
3114-55-4	Chlorobenzene-d5	347000
3855-82-1	1,4-Dichlorobenzene-d4	164000

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

Report of Analysis

Client: Remington & Vernick
 Project: Saddler Property
 Client Sample ID: TW-1125-2
 Lab Sample ID: Q3743-02
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 11/26/25
 Date Received: 11/26/25
 SDG No.: Q3743
 Matrix: Water
 % Solid: 0
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:41	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 18:41	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 18:41	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 18:41	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 18:41	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 18:41	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 18:41	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:41	VN120125
67-64-1	Acetone	19.0		1	1.50	5.00	ug/L	12/01/25 18:41	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 18:41	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:41	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 18:41	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 18:41	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:41	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:41	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 18:41	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 18:41	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 18:41	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 18:41	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:41	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 18:41	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:41	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:41	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 18:41	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:41	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 18:41	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:41	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 18:41	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 18:41	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 18:41	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 18:41	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:41	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 18:41	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 18:41	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 18:41	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 18:41	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 18:41	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 18:41	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 18:41	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 18:41	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 18:41	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 18:41	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 18:41	VN120125

Report of Analysis

Client: Remington & Vernick
 Project: Saddler Property
 Client Sample ID: TW-1125-2
 Lab Sample ID: Q3743-02
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 11/26/25
 Date Received: 11/26/25
 SDG No.: Q3743
 Matrix: Water
 % Solid: 0
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 18:41	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 18:41	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:41	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 18:41	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 18:41	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 18:41	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:41	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 18:41	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.2			74 - 125	122%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0			75 - 124	106%	SPK: 50
2037-26-5	Toluene-d8	50.1			86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5			77 - 121	107%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	204000
540-36-3	1,4-Difluorobenzene	472000
3114-55-4	Chlorobenzene-d5	461000
3855-82-1	1,4-Dichlorobenzene-d4	216000

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

Report of Analysis

Client: Remington & Vernick
 Project: Saddler Property
 Client Sample ID: TB
 Lab Sample ID: Q3743-03
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 11/26/25
 Date Received: 11/26/25
 SDG No.: Q3743
 Matrix: Water
 % Solid: 0
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:18	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 17:18	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 17:18	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 17:18	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 17:18	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 17:18	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 17:18	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:18	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 17:18	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 17:18	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:18	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 17:18	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 17:18	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:18	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:18	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 17:18	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 17:18	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 17:18	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 17:18	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:18	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 17:18	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:18	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:18	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 17:18	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:18	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 17:18	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:18	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:18	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 17:18	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 17:18	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 17:18	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:18	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 17:18	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 17:18	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 17:18	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 17:18	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:18	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 17:18	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 17:18	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 17:18	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 17:18	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 17:18	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 17:18	VN120125

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/26/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	TB	SDG No.:	Q3743
Lab Sample ID:	Q3743-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 17:18	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 17:18	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:18	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 17:18	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:18	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 17:18	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:18	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:18	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.1			74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4			75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.2			86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5			77 - 121	107%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	178000
540-36-3	1,4-Difluorobenzene	408000
3114-55-4	Chlorobenzene-d5	395000
3855-82-1	1,4-Dichlorobenzene-d4	183000

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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: TB
Lab Sample ID: Q3743-04
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3743
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:39	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 17:39	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 17:39	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 17:39	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 17:39	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 17:39	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 17:39	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:39	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 17:39	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 17:39	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:39	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 17:39	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 17:39	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:39	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:39	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 17:39	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 17:39	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 17:39	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 17:39	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:39	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 17:39	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:39	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:39	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 17:39	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:39	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 17:39	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:39	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 17:39	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 17:39	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 17:39	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 17:39	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:39	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 17:39	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 17:39	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 17:39	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 17:39	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 17:39	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 17:39	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 17:39	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 17:39	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 17:39	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 17:39	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 17:39	VN120125

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: TB
Lab Sample ID: Q3743-04
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3743
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 17:39	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 17:39	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:39	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 17:39	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 17:39	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 17:39	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:39	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 17:39	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.9			74 - 125	122%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0			75 - 124	106%	SPK: 50
2037-26-5	Toluene-d8	49.8			86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2			77 - 121	106%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	168000
540-36-3	1,4-Difluorobenzene	387000
3114-55-4	Chlorobenzene-d5	373000
3855-82-1	1,4-Dichlorobenzene-d4	176000

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

Surrogate Summary

SDG No.: **Q3743**

Client: **Remington & Vernick**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3743-01	TW-1125-1	1,2-Dichloroethane-d4	50	61.7	123		74	125
		Dibromofluoromethane	50	53.8	108		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	53.4	107		77	121
Q3743-02	TW-1125-2	1,2-Dichloroethane-d4	50	61.2	122		74	125
		Dibromofluoromethane	50	53.0	106		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	53.5	107		77	121
Q3743-03	TB	1,2-Dichloroethane-d4	50	60.1	120		74	125
		Dibromofluoromethane	50	52.4	105		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	53.5	107		77	121
Q3743-04	TB	1,2-Dichloroethane-d4	50	60.9	122		74	125
		Dibromofluoromethane	50	53.0	106		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	53.2	106		77	121
VN1201WBL01	VN1201WBL01	1,2-Dichloroethane-d4	50	57.8	116		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	52.4	105		77	121
VN1201WBS01	VN1201WBS01	1,2-Dichloroethane-d4	50	56.0	112		74	125
		Dibromofluoromethane	50	55.1	110		75	124
		Toluene-d8	50	54.9	110		86	113
		4-Bromofluorobenzene	50	53.3	107		77	121
VN1201WBSD0	VN1201WBSD01	1,2-Dichloroethane-d4	50	52.2	104		74	125
		Dibromofluoromethane	50	52.3	105		75	124
		Toluene-d8	50	53.2	106		86	113
		4-Bromofluorobenzene	50	51.1	102		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3743</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VN088373.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBS01	Dichlorodifluoromethane	20	18.2	ug/L	91			69	116	
	Chloromethane	20	19.4	ug/L	97			65	116	
	Vinyl chloride	20	18.9	ug/L	95			65	117	
	Bromomethane	20	19.7	ug/L	99			58	125	
	Chloroethane	20	19.5	ug/L	98			56	128	
	Trichlorofluoromethane	20	18.6	ug/L	93			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			80	112	
	1,1-Dichloroethene	20	19.0	ug/L	95			74	110	
	Acetone	100	87.9	ug/L	88			60	125	
	Carbon disulfide	20	19.4	ug/L	97			64	112	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			78	114	
	Methyl Acetate	20	19.1	ug/L	96			57	150	
	Methylene Chloride	20	20.0	ug/L	100			72	114	
	trans-1,2-Dichloroethene	20	19.6	ug/L	98			75	108	
	1,1-Dichloroethane	20	19.8	ug/L	99			78	112	
	Cyclohexane	20	17.9	ug/L	90			75	110	
	2-Butanone	100	96.0	ug/L	96			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			77	110	
	Bromochloromethane	20	19.3	ug/L	97			70	124	
	Chloroform	20	20.3	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			80	108	
	Methylcyclohexane	20	17.1	ug/L	86			72	115	
	Benzene	20	19.4	ug/L	97			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	18.8	ug/L	94			77	113	
	1,2-Dichloropropane	20	19.8	ug/L	99			83	111	
	Bromodichloromethane	20	19.5	ug/L	98			83	110	
	4-Methyl-2-Pentanone	100	98.3	ug/L	98			74	118	
	Toluene	20	19.5	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	20.2	ug/L	101			83	112	
	2-Hexanone	100	93.5	ug/L	94			73	117	
	Dibromochloromethane	20	20.1	ug/L	101			82	110	
	1,2-Dibromoethane	20	20.6	ug/L	103			81	110	
	Tetrachloroethene	20	17.9	ug/L	90			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	
	Ethyl Benzene	20	18.6	ug/L	93			83	109	
	m/p-Xylenes	40	37.0	ug/L	93			82	110	
	o-Xylene	20	18.3	ug/L	92			83	109	
	Styrene	20	19.6	ug/L	98			80	111	
	Bromoform	20	20.0	ug/L	100			79	109	
	Isopropylbenzene	20	18.6	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101			76	118	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			82	107	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3743</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VN088373.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBS01	1,2-Dibromo-3-Chloropropane	20	18.2	ug/L	91			68	112	
	1,2,4-Trichlorobenzene	20	18.5	ug/L	93			75	113	
	1,2,3-Trichlorobenzene	20	18.3	ug/L	92			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3743</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VN088374.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBSD01	Dichlorodifluoromethane	20	18.9	ug/L	95	4		69	116	19
	Chloromethane	20	19.4	ug/L	97	0		65	116	21
	Vinyl chloride	20	18.7	ug/L	94	1		65	117	19
	Bromomethane	20	20.2	ug/L	101	2		58	125	30
	Chloroethane	20	19.3	ug/L	97	1		56	128	20
	Trichlorofluoromethane	20	18.7	ug/L	94	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	0		80	112	20
	1,1-Dichloroethene	20	18.8	ug/L	94	1		74	110	20
	Acetone	100	87.0	ug/L	87	1		60	125	27
	Carbon disulfide	20	18.8	ug/L	94	3		64	112	17
	Methyl tert-butyl Ether	20	19.4	ug/L	97	3		78	114	20
	Methyl Acetate	20	19.0	ug/L	95	1		57	150	20
	Methylene Chloride	20	20.2	ug/L	101	1		72	114	20
	trans-1,2-Dichloroethene	20	19.6	ug/L	98	0		75	108	16
	1,1-Dichloroethane	20	19.1	ug/L	96	3		78	112	20
	Cyclohexane	20	18.5	ug/L	93	3		75	110	20
	2-Butanone	100	96.2	ug/L	96	0		65	122	26
	Carbon Tetrachloride	20	18.8	ug/L	94	2		77	113	15
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	4		77	110	20
	Bromochloromethane	20	18.5	ug/L	93	4		70	124	20
	Chloroform	20	19.6	ug/L	98	4		79	113	20
	1,1,1-Trichloroethane	20	19.0	ug/L	95	1		80	108	20
	Methylcyclohexane	20	18.5	ug/L	93	8		72	115	20
	Benzene	20	19.1	ug/L	96	1		82	109	15
	1,2-Dichloroethane	20	19.4	ug/L	97	1		80	115	20
	Trichloroethene	20	19.1	ug/L	96	2		77	113	15
	1,2-Dichloropropane	20	19.2	ug/L	96	3		83	111	21
	Bromodichloromethane	20	19.3	ug/L	97	1		83	110	21
	4-Methyl-2-Pentanone	100	98.5	ug/L	99	1		74	118	25
	Toluene	20	19.8	ug/L	99	1		82	110	16
	t-1,3-Dichloropropene	20	19.1	ug/L	96	4		79	110	20
	cis-1,3-Dichloropropene	20	19.5	ug/L	98	3		82	110	16
	1,1,2-Trichloroethane	20	20.0	ug/L	100	1		83	112	20
	2-Hexanone	100	94.4	ug/L	94	0		73	117	25
	Dibromochloromethane	20	20.3	ug/L	102	1		82	110	20
	1,2-Dibromoethane	20	19.9	ug/L	100	3		81	110	20
	Tetrachloroethene	20	19.0	ug/L	95	5		67	123	15
	Chlorobenzene	20	19.8	ug/L	99	1		82	109	15
	Ethyl Benzene	20	18.9	ug/L	95	2		83	109	16
	m/p-Xylenes	40	37.8	ug/L	95	2		82	110	20
	o-Xylene	20	19.2	ug/L	96	4		83	109	20
	Styrene	20	19.4	ug/L	97	1		80	111	17
	Bromoform	20	20.1	ug/L	101	1		79	109	20
	Isopropylbenzene	20	19.3	ug/L	97	4		83	112	22
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98	3		76	118	20
	1,3-Dichlorobenzene	20	19.5	ug/L	98	3		82	108	20
	1,4-Dichlorobenzene	20	19.0	ug/L	95	2		82	107	20
	1,2-Dichlorobenzene	20	19.0	ug/L	95	2		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3743</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VN088374.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBSD01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93	2		68	112	26
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90	3		75	113	21
	1,2,3-Trichlorobenzene	20	19.1	ug/L	96	4		76	114	22

VOLATILE METHOD BLANK SUMMARY

Client ID

VN1201WBL01

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3743

Lab File ID: VN088372.D

Lab Sample ID: VN1201WBL01

Date Analyzed: 12/01/2025

Time Analyzed: 10:53

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
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025
TB	Q3743-03	VN088389.D	12/01/2025
TB	Q3743-04	VN088390.D	12/01/2025
TW-1125-1	Q3743-01	VN088392.D	12/01/2025
TW-1125-2	Q3743-02	VN088393.D	12/01/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3743

Lab File ID: VN088343.D

BFB Injection Date: 11/24/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:17

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	56.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.8
175	5.0 - 9.0% of mass 174	6 (8.4) 1
176	95.0 - 101.0% of mass 174	68.3 (96.4) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VN088344.D	11/24/2025	12:38
VSTDIC005	VSTDIC005	VN088345.D	11/24/2025	13:11
VSTDIC020	VSTDIC020	VN088346.D	11/24/2025	13:32
VSTDIC050	VSTDIC050	VN088347.D	11/24/2025	13:53
VSTDIC100	VSTDIC100	VN088348.D	11/24/2025	14:14
VSTDIC150	VSTDIC150	VN088349.D	11/24/2025	14:35

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3743

Lab File ID: VN088369.D

BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:49

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.9
75	30.0 - 60.0% of mass 95	59.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71
175	5.0 - 9.0% of mass 174	5.7 (8) 1
176	95.0 - 101.0% of mass 174	68.9 (97.1) 1
177	5.0 - 9.0% of mass 176	5.2 (7.5) 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	VN088370.D	12/01/2025	09:58
VN1201WBL01	VN1201WBL01	VN088372.D	12/01/2025	10:53
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025	11:27
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025	12:10
TB	Q3743-03	VN088389.D	12/01/2025	17:18
TB	Q3743-04	VN088390.D	12/01/2025	17:39
TW-1125-1	Q3743-01	VN088392.D	12/01/2025	18:20
TW-1125-2	Q3743-02	VN088393.D	12/01/2025	18:41

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
Lab Code: ACE SDG NO.: Q3743
Lab File ID: VN088370.D Date Analyzed: 12/01/2025
Instrument ID: MSVOA_N Time Analyzed: 09:58
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	262500	8.20	457607	9.08	408098	11.84
UPPER LIMIT	525000	8.7	915214	9.582	816196	12.341
LOWER LIMIT	131250	7.7	228804	8.582	204049	11.341
EPA SAMPLE NO.						
TW-1125-1	150985	8.21	353552	9.08	347429	11.84
TW-1125-2	203666	8.21	472280	9.08	460828	11.84
TB	177560	8.21	408212	9.08	395290	11.84
TB	168109	8.21	386817	9.08	372510	11.84
VN1201WBL01	188076	8.20	435319	9.08	418422	11.84
VN1201WBS01	256678	8.21	487472	9.08	435019	11.84
VN1201WBSD01	257123	8.21	472668	9.08	413438	11.84

IS1 = Pentafluorobenzene

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3743</u>
Lab File ID:	<u>VN088370.D</u>	Date Analyzed:	<u>12/01/2025</u>
Instrument ID:	<u>MSVOA_N</u>	Time Analyzed:	<u>09:58</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	197460	13.765				
UPPER LIMIT	394920	14.265				
LOWER LIMIT	98730	13.265				
EPA SAMPLE NO.						
TW-1125-1	164080	13.77				
TW-1125-2	215787	13.77				
TB	183327	13.77				
TB	175948	13.77				
VN1201WBL01	198799	13.77				
VN1201WBS01	207303	13.77				
VN1201WBSD01	196888	13.77				

IS4 = 1,4-Dichlorobenzene-d4

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

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



QC SAMPLE DATA

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VN1201WBL01
Lab Sample ID: VN1201WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3743
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 10:53	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 10:53	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 10:53	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 10:53	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 10:53	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 10:53	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 10:53	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 10:53	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 10:53	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 10:53	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 10:53	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 10:53	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 10:53	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 10:53	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 10:53	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	VN1201WBL01	SDG No.:	Q3743
Lab Sample ID:	VN1201WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 10:53	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.8			74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2			75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4			77 - 121	105%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	188000
540-36-3	1,4-Difluorobenzene	435000
3114-55-4	Chlorobenzene-d5	418000
3855-82-1	1,4-Dichlorobenzene-d4	199000

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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VN1201WBS01
Lab Sample ID: VN1201WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3743
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.2		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 11:27	VN120125
75-01-4	Vinyl Chloride	18.9		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
74-83-9	Bromomethane	19.7		1	1.40	5.00	ug/L	12/01/25 11:27	VN120125
75-00-3	Chloroethane	19.5		1	0.47	1.00	ug/L	12/01/25 11:27	VN120125
75-69-4	Trichlorofluoromethane	18.6		1	0.33	1.00	ug/L	12/01/25 11:27	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
75-35-4	1,1-Dichloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
67-64-1	Acetone	87.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
75-15-0	Carbon Disulfide	19.4		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
1634-04-4	Methyl tert-butyl Ether	19.9		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-20-9	Methyl Acetate	19.1		1	0.27	1.00	ug/L	12/01/25 11:27	VN120125
75-09-2	Methylene Chloride	20.0		1	0.28	1.00	ug/L	12/01/25 11:27	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
75-34-3	1,1-Dichloroethane	19.8		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
110-82-7	Cyclohexane	17.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
78-93-3	2-Butanone	96.0		1	0.98	5.00	ug/L	12/01/25 11:27	VN120125
56-23-5	Carbon Tetrachloride	18.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
156-59-2	cis-1,2-Dichloroethene	20.1		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
74-97-5	Bromochloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
67-66-3	Chloroform	20.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
71-55-6	1,1,1-Trichloroethane	18.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
108-87-2	Methylcyclohexane	17.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
71-43-2	Benzene	19.4		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
107-06-2	1,2-Dichloroethane	19.6		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
79-01-6	Trichloroethene	18.8		1	0.090	1.00	ug/L	12/01/25 11:27	VN120125
78-87-5	1,2-Dichloropropane	19.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
75-27-4	Bromodichloromethane	19.5		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
108-10-1	4-Methyl-2-Pentanone	98.3		1	0.68	5.00	ug/L	12/01/25 11:27	VN120125
108-88-3	Toluene	19.5		1	0.14	1.00	ug/L	12/01/25 11:27	VN120125
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.17	1.00	ug/L	12/01/25 11:27	VN120125
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-00-5	1,1,2-Trichloroethane	20.2		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
591-78-6	2-Hexanone	93.5		1	0.89	5.00	ug/L	12/01/25 11:27	VN120125
124-48-1	Dibromochloromethane	20.1		1	0.18	1.00	ug/L	12/01/25 11:27	VN120125
106-93-4	1,2-Dibromoethane	20.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
127-18-4	Tetrachloroethene	17.9		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
108-90-7	Chlorobenzene	19.5		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-41-4	Ethyl Benzene	18.6		1	0.13	1.00	ug/L	12/01/25 11:27	VN120125
179601-23-1	m/p-Xylenes	37.0		1	0.24	2.00	ug/L	12/01/25 11:27	VN120125
95-47-6	o-Xylene	18.3		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-42-5	Styrene	19.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
75-25-2	Bromoform	20.0		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125

Report of Analysis

Client: Remington & Vernick
 Project: Saddler Property
 Client Sample ID: VN1201WBS01
 Lab Sample ID: VN1201WBS01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3743
 Matrix: Water
 % Solid: 0
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.6		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
541-73-1	1,3-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
106-46-7	1,4-Dichlorobenzene	18.5		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
95-50-1	1,2-Dichlorobenzene	19.4		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1	0.53	1.00	ug/L	12/01/25 11:27	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.5		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
87-61-6	1,2,3-Trichlorobenzene	18.3		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	56.0			74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1			75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	54.9			86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3			77 - 121	107%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	257000
540-36-3	1,4-Difluorobenzene	487000
3114-55-4	Chlorobenzene-d5	435000
3855-82-1	1,4-Dichlorobenzene-d4	207000

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

Report of Analysis

Client: Remington & Vernick
 Project: Saddler Property
 Client Sample ID: VN1201WBSD01
 Lab Sample ID: VN1201WBSD01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3743
 Matrix: Water
 % Solid: 0
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.9		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 12:10	VN120125
75-01-4	Vinyl Chloride	18.7		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
74-83-9	Bromomethane	20.2		1	1.40	5.00	ug/L	12/01/25 12:10	VN120125
75-00-3	Chloroethane	19.3		1	0.47	1.00	ug/L	12/01/25 12:10	VN120125
75-69-4	Trichlorofluoromethane	18.7		1	0.33	1.00	ug/L	12/01/25 12:10	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
75-35-4	1,1-Dichloroethene	18.8		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
67-64-1	Acetone	87.0		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
75-15-0	Carbon Disulfide	18.8		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
1634-04-4	Methyl tert-butyl Ether	19.4		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-20-9	Methyl Acetate	19.0		1	0.27	1.00	ug/L	12/01/25 12:10	VN120125
75-09-2	Methylene Chloride	20.2		1	0.28	1.00	ug/L	12/01/25 12:10	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
75-34-3	1,1-Dichloroethane	19.1		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
110-82-7	Cyclohexane	18.5		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
78-93-3	2-Butanone	96.2		1	0.98	5.00	ug/L	12/01/25 12:10	VN120125
56-23-5	Carbon Tetrachloride	18.8		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
156-59-2	cis-1,2-Dichloroethene	19.4		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
74-97-5	Bromochloromethane	18.5		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
67-66-3	Chloroform	19.6		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
71-55-6	1,1,1-Trichloroethane	19.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
108-87-2	Methylcyclohexane	18.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
107-06-2	1,2-Dichloroethane	19.4		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
79-01-6	Trichloroethene	19.1		1	0.090	1.00	ug/L	12/01/25 12:10	VN120125
78-87-5	1,2-Dichloropropane	19.2		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
75-27-4	Bromodichloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
108-10-1	4-Methyl-2-Pentanone	98.5		1	0.68	5.00	ug/L	12/01/25 12:10	VN120125
108-88-3	Toluene	19.8		1	0.14	1.00	ug/L	12/01/25 12:10	VN120125
10061-02-6	t-1,3-Dichloropropene	19.1		1	0.17	1.00	ug/L	12/01/25 12:10	VN120125
10061-01-5	cis-1,3-Dichloropropene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-00-5	1,1,2-Trichloroethane	20.0		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
591-78-6	2-Hexanone	94.4		1	0.89	5.00	ug/L	12/01/25 12:10	VN120125
124-48-1	Dibromochloromethane	20.3		1	0.18	1.00	ug/L	12/01/25 12:10	VN120125
106-93-4	1,2-Dibromoethane	19.9		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
127-18-4	Tetrachloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
108-90-7	Chlorobenzene	19.8		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-41-4	Ethyl Benzene	18.9		1	0.13	1.00	ug/L	12/01/25 12:10	VN120125
179601-23-1	m/p-Xylenes	37.8		1	0.24	2.00	ug/L	12/01/25 12:10	VN120125
95-47-6	o-Xylene	19.2		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-42-5	Styrene	19.4		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
75-25-2	Bromoform	20.1		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125

Report of Analysis

Client: Remington & Vernick	Date Collected:	
Project: Saddler Property	Date Received:	
Client Sample ID: VN1201WBSD01	SDG No.:	Q3743
Lab Sample ID: VN1201WBSD01	Matrix:	Water
Analytical Method: 8260D	% Solid:	0
Sample Wt/Vol: 5 mL	Test:	VOC-TCLVOA-10
Level: LOW		
Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.3		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
541-73-1	1,3-Dichlorobenzene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
106-46-7	1,4-Dichlorobenzene	19.0		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
95-50-1	1,2-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1	0.53	1.00	ug/L	12/01/25 12:10	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
87-61-6	1,2,3-Trichlorobenzene	19.1		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.2			74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3			75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	53.2			86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1			77 - 121	102%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	257000
540-36-3	1,4-Difluorobenzene	473000
3114-55-4	Chlorobenzene-d5	413000
3855-82-1	1,4-Dichlorobenzene-d4	197000

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3743</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>11/24/2025</u> <u>11/24/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>12:38</u> <u>14:35</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF001 = VN088344.D		RRF005 = VN088345.D		RRF020 = VN088346.D			
		RRF050 = VN088347.D		RRF100 = VN088348.D		RRF150 = VN088349.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.719	0.676	0.796	0.741	0.838	0.736	0.751	7.7	
Chloromethane	0.911	0.800	0.805	0.801	0.759	0.764	0.807	6.8	
Vinyl Chloride	0.804	0.844	0.856	0.812	0.837	0.772	0.821	3.8	
Bromomethane		0.407	0.392	0.396	0.387	0.392	0.395	1.9	
Chloroethane	0.555	0.503	0.496	0.505	0.502	0.485	0.508	4.8	
Trichlorofluoromethane	1.234	1.170	1.168	1.092	1.201	1.055	1.153	5.8	
1,1,2-Trichlorotrifluoroethane	0.660	0.635	0.639	0.564	0.633	0.553	0.614	7.2	
1,1-Dichloroethene	0.722	0.620	0.601	0.568	0.595	0.554	0.610	9.8	
Acetone	0.412	0.355	0.322	0.335	0.305	0.314	0.341	11.5	
Carbon Disulfide	2.061	2.043	2.043	1.983	1.996	1.833	1.993	4.2	
Methyl tert-butyl Ether	2.126	2.239	2.245	2.504	2.265	2.333	2.285	5.5	
Methyl Acetate	1.072	1.048	0.957	1.049	0.972	0.985	1.014	4.7	
Methylene Chloride	0.797	0.752	0.704	0.756	0.686	0.678	0.729	6.4	
trans-1,2-Dichloroethene	0.752	0.668	0.676	0.686	0.647	0.626	0.676	6.4	
1,1-Dichloroethane	1.389	1.431	1.348	1.427	1.321	1.286	1.367	4.3	
Cyclohexane		1.450	1.264	1.133	1.237	1.109	1.239	10.9	
2-Butanone	0.509	0.538	0.548	0.596	0.540	0.556	0.548	5.2	
Carbon Tetrachloride	0.565	0.504	0.548	0.499	0.570	0.509	0.532	6	
cis-1,2-Dichloroethene	0.797	0.801	0.794	0.829	0.747	0.744	0.785	4.2	
Bromochloromethane	0.724	0.722	0.684	0.735	0.624	0.597	0.681	8.5	
Chloroform	1.377	1.362	1.351	1.392	1.291	1.285	1.343	3.3	
1,1,1-Trichloroethane	1.247	1.219	1.192	1.158	1.166	1.104	1.181	4.3	
Methylcyclohexane	0.534	0.542	0.606	0.527	0.662	0.561	0.572	9.1	
Benzene	1.658	1.555	1.609	1.559	1.559	1.477	1.570	3.9	
1,2-Dichloroethane	0.583	0.614	0.596	0.615	0.597	0.587	0.599	2.3	
Trichloroethene	0.382	0.385	0.383	0.357	0.371	0.348	0.371	4.1	
1,2-Dichloropropane	0.426	0.402	0.402	0.406	0.396	0.381	0.402	3.6	
Bromodichloromethane	0.602	0.586	0.586	0.589	0.583	0.566	0.586	2	
4-Methyl-2-Pentanone	0.540	0.616	0.661	0.673	0.658	0.651	0.633	7.8	
Toluene	0.829	0.885	0.940	0.913	0.960	0.911	0.906	5.1	

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3743</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>11/24/2025</u> <u>11/24/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>12:38</u> <u>14:35</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF001 = VN088344.D		RRF005 = VN088345.D		RRF020 = VN088346.D		
		RRF050 = VN088347.D		RRF100 = VN088348.D		RRF150 = VN088349.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.567	0.553	0.598	0.631	0.631	0.625	0.601	5.7
cis-1,3-Dichloropropene	0.590	0.618	0.628	0.662	0.654	0.640	0.632	4.2
1,1,2-Trichloroethane	0.350	0.359	0.364	0.353	0.341	0.336	0.351	3
2-Hexanone	0.359	0.301	0.406	0.436	0.442	0.450	0.399	14.7
Dibromochloromethane	0.384	0.386	0.406	0.409	0.410	0.404	0.400	2.9
1,2-Dibromoethane	0.304	0.367	0.364	0.369	0.367	0.359	0.355	7.2
Tetrachloroethene	0.426	0.388	0.413	0.377	0.407	0.367	0.396	5.7
Chlorobenzene	1.114	1.142	1.161	1.106	1.145	1.070	1.123	3
Ethyl Benzene	1.881	1.860	2.014	1.938	2.133	1.952	1.963	5.1
m/p-Xylenes	0.658	0.690	0.769	0.733	0.788	0.728	0.728	6.6
o-Xylene	0.670	0.619	0.722	0.696	0.749	0.708	0.694	6.5
Styrene	0.884	1.025	1.163	1.193	1.284	1.210	1.127	12.9
Bromoform	0.224	0.273	0.285	0.285	0.302	0.295	0.277	10.1
Isopropylbenzene	3.339	3.528	3.944	3.624	4.040	3.706	3.697	7.1
1,1,2,2-Tetrachloroethane	1.377	1.218	1.231	1.127	1.135	1.082	1.195	8.9
1,3-Dichlorobenzene	1.730	1.573	1.720	1.606	1.676	1.574	1.647	4.3
1,4-Dichlorobenzene	1.747	1.825	1.786	1.681	1.702	1.608	1.725	4.5
1,2-Dichlorobenzene	1.518	1.574	1.583	1.521	1.595	1.505	1.550	2.5
1,2-Dibromo-3-Chloropropane	0.284	0.284	0.284	0.288	0.300	0.300	0.290	2.8
1,2,4-Trichlorobenzene	0.998	0.864	0.901	0.889	0.955	0.917	0.921	5.3
1,2,3-Trichlorobenzene	0.942	0.850	0.888	0.875	0.930	0.891	0.896	3.8
1,2-Dichloroethane-d4		0.954	0.916	0.999	0.882	0.960	0.942	4.7
Dibromofluoromethane		0.361	0.350	0.350	0.334	0.337	0.346	3.2
Toluene-d8		1.249	1.292	1.285	1.308	1.313	1.289	2
4-Bromofluorobenzene		0.402	0.413	0.448	0.466	0.482	0.442	7.7

* 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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3743</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>12/01/2025 09:58</u>
Lab File ID:	<u>VN088370.D</u>	Init. Calib. Date(s):	<u>11/24/2025 11/24/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:38 14:35</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.751	0.815		8.52	20
Chloromethane	0.807	0.858	0.1	6.32	20
Vinyl Chloride	0.821	0.851		3.65	20
Bromomethane	0.395	0.408		3.29	20
Chloroethane	0.508	0.525		3.35	20
Trichlorofluoromethane	1.153	1.195		3.64	20
1,1,2-Trichlorotrifluoroethane	0.614	0.636		3.58	20
1,1-Dichloroethene	0.610	0.607		-0.49	20
Acetone	0.341	0.269		-21.11	20
Carbon Disulfide	1.993	2.083		4.52	20
Methyl tert-butyl Ether	2.285	2.626		14.92	20
Methyl Acetate	1.014	1.108		9.27	20
Methylene Chloride	0.729	0.791		8.51	20
trans-1,2-Dichloroethene	0.676	0.724		7.1	20
1,1-Dichloroethane	1.367	1.456	0.1	6.51	20
Cyclohexane	1.239	1.285		3.71	20
2-Butanone	0.548	0.541		-1.28	20
Carbon Tetrachloride	0.532	0.584		9.77	20
cis-1,2-Dichloroethene	0.785	0.861		9.68	20
Bromochloromethane	0.681	0.672		-1.32	20
Chloroform	1.343	1.443		7.45	20
1,1,1-Trichloroethane	1.181	1.220		3.3	20
Methylcyclohexane	0.572	0.664		16.08	20
Benzene	1.570	1.738		10.7	20
1,2-Dichloroethane	0.599	0.676		12.85	20
Trichloroethene	0.371	0.415		11.86	20
1,2-Dichloropropane	0.402	0.453		12.69	20
Bromodichloromethane	0.586	0.670		14.33	20
4-Methyl-2-Pentanone	0.633	0.747		18.01	20
Toluene	0.906	1.034		14.13	20
t-1,3-Dichloropropene	0.601	0.701		16.64	20
cis-1,3-Dichloropropene	0.632	0.748		18.35	20
1,1,2-Trichloroethane	0.351	0.400		13.96	20
2-Hexanone	0.399	0.458		14.79	20
Dibromochloromethane	0.400	0.464		16	20
1,2-Dibromoethane	0.355	0.413		16.34	20
Tetrachloroethene	0.396	0.425		7.32	20
Chlorobenzene	1.123	1.242	0.3	10.6	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3743</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>12/01/2025</u> <u>09:58</u>
Lab File ID:	<u>VN088370.D</u>	Init. Calib. Date(s):	<u>11/24/2025</u> <u>11/24/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:38</u> <u>14:35</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.963	2.187		11.41	20
m/p-Xylenes	0.728	0.816		12.09	20
o-Xylene	0.694	0.778		12.1	20
Styrene	1.127	1.336		18.55	20
Bromoform	0.277	0.337	0.1	21.66	20
Isopropylbenzene	3.697	4.179		13.04	20
1,1,2,2-Tetrachloroethane	1.195	1.313	0.3	9.87	20
1,3-Dichlorobenzene	1.647	1.852		12.45	20
1,4-Dichlorobenzene	1.725	1.901		10.2	20
1,2-Dichlorobenzene	1.550	1.757		13.35	20
1,2-Dibromo-3-Chloropropane	0.290	0.317		9.31	20
1,2,4-Trichlorobenzene	0.921	1.042		13.14	20
1,2,3-Trichlorobenzene	0.896	0.989		10.38	20
1,2-Dichloroethane-d4	0.942	0.958		1.7	20
Dibromofluoromethane	0.346	0.377		8.96	20
Toluene-d8	1.289	1.356		5.2	20
4-Bromofluorobenzene	0.442	0.472		6.79	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\VN120125\
 Data File : VN088392.D
 Acq On : 01 Dec 2025 18:20
 Operator : JC\MD
 Sample : Q3743-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1125-1

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 02 00:18:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

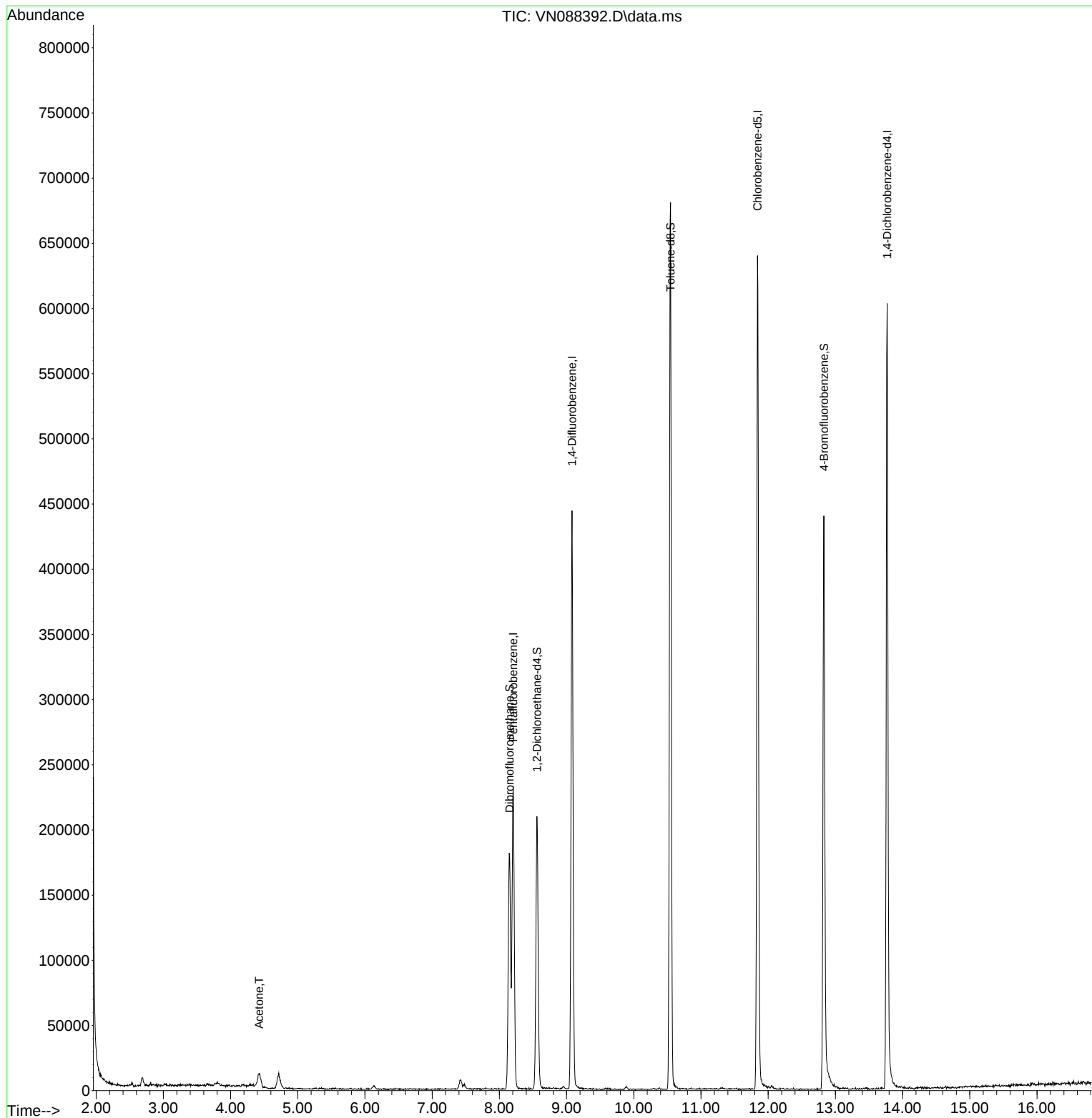
Internal Standards						
1) Pentafluorobenzene	8.206	168	150985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	353552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	347429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	164080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	175368	61.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.320%			
35) Dibromofluoromethane	8.153	113	131731	53.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.540%			
50) Toluene-d8	10.547	98	458002	50.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.829	95	166885	53.353	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.700%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	22262	21.642	ug/l	97

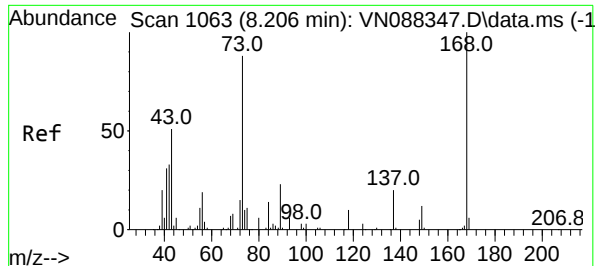
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088392.D
Acq On : 01 Dec 2025 18:20
Operator : JC\MD
Sample : Q3743-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

Quant Time: Dec 02 00:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

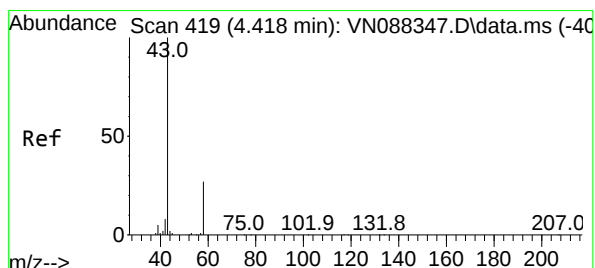
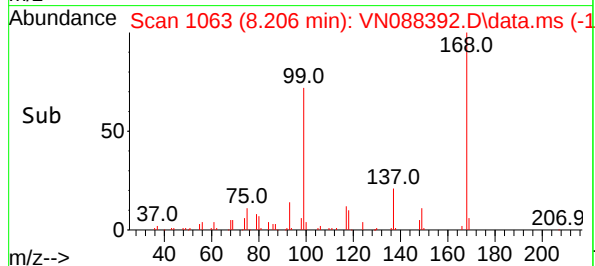
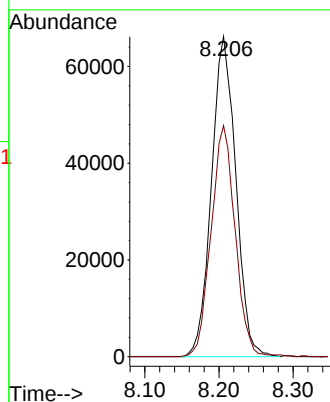
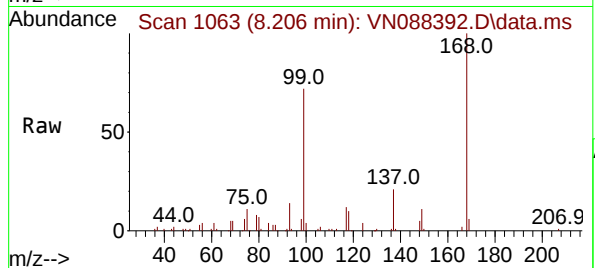




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

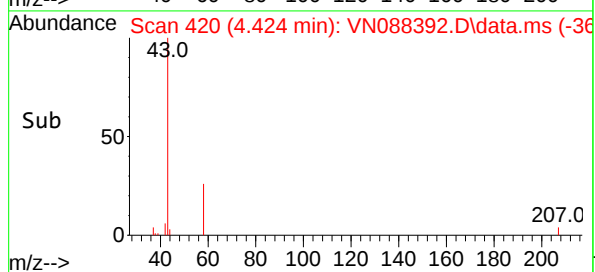
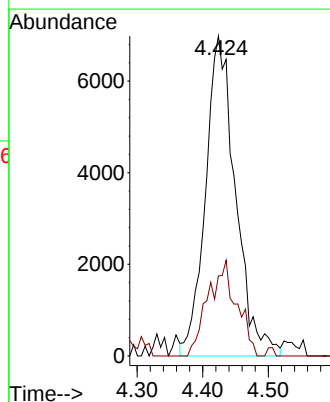
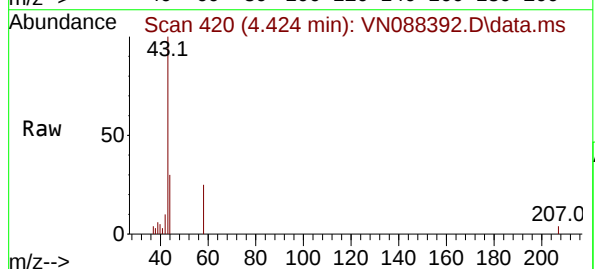
Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

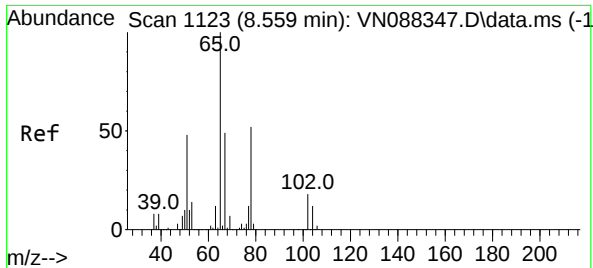
Tgt Ion:168 Resp: 150985
Ion Ratio Lower Upper
168 100
99 72.2 57.1 85.7



#16
Acetone
Concen: 21.642 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

Tgt Ion: 43 Resp: 22262
Ion Ratio Lower Upper
43 100
58 25.6 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 61.657 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088392.D

Acq: 01 Dec 2025 18:20

Instrument :

MSVOA_N

ClientSampleId :

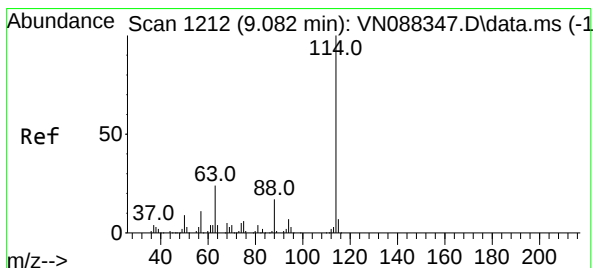
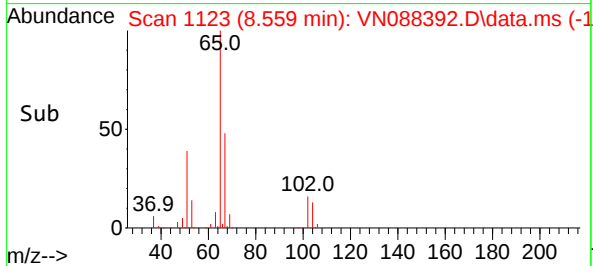
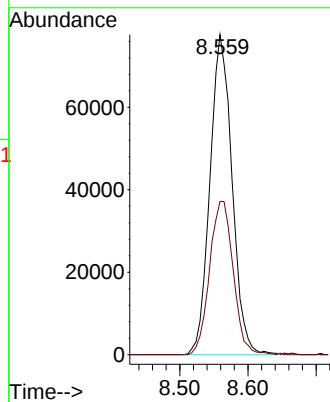
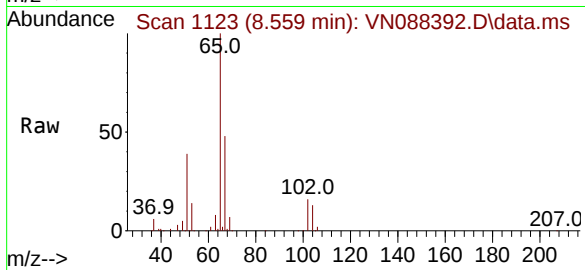
TW-1125-1

Tgt Ion: 65 Resp: 175368

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088392.D

Acq: 01 Dec 2025 18:20

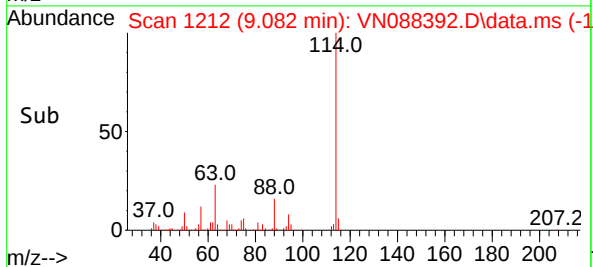
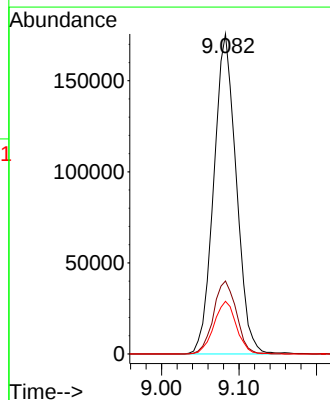
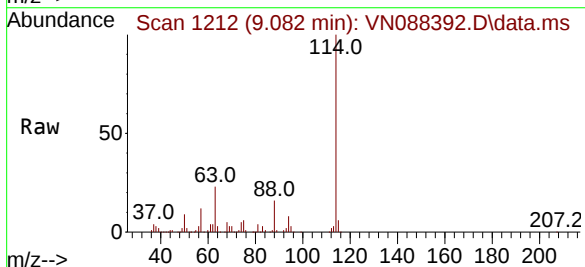
Tgt Ion: 114 Resp: 353552

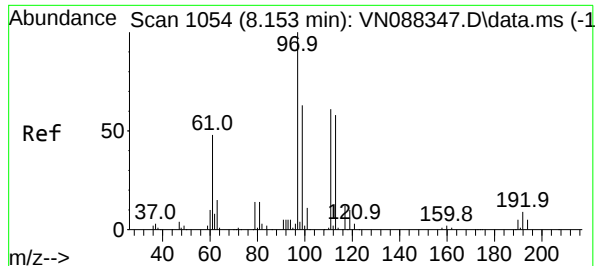
Ion Ratio Lower Upper

114 100

63 22.8 0.0 49.0

88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 53.766 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN088392.D

Acq: 01 Dec 2025 18:20

Instrument :

MSVOA_N

ClientSampleId :

TW-1125-1

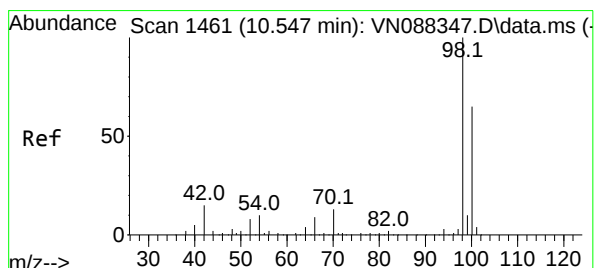
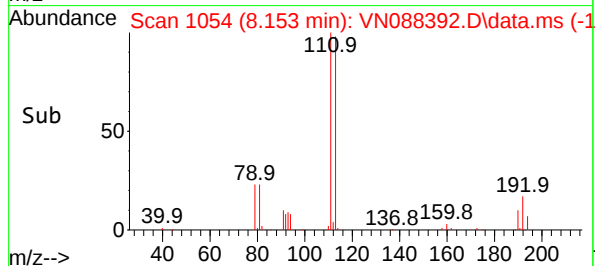
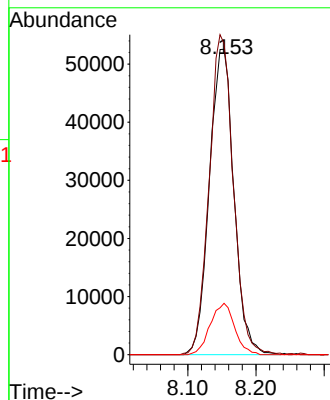
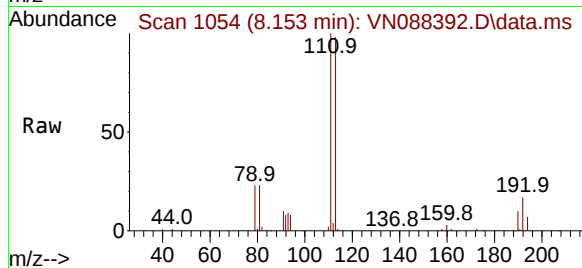
Tgt Ion:113 Resp: 131731

Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

192 16.7 12.8 19.2



#50

Toluene-d8

Concen: 50.240 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088392.D

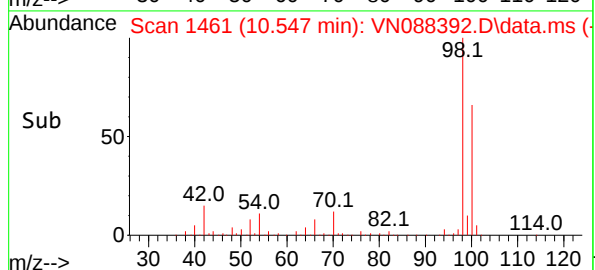
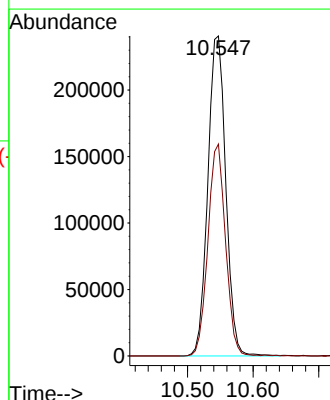
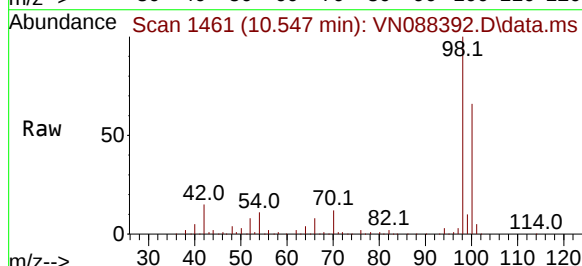
Acq: 01 Dec 2025 18:20

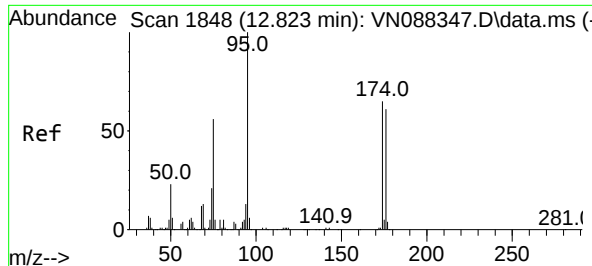
Tgt Ion: 98 Resp: 458002

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 53.353 ug/l

RT: 12.829 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088392.D

Acq: 01 Dec 2025 18:20

Instrument :

MSVOA_N

ClientSampleId :

TW-1125-1

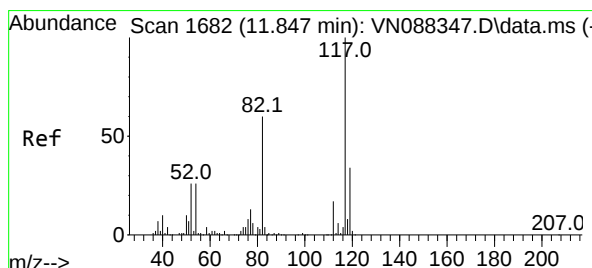
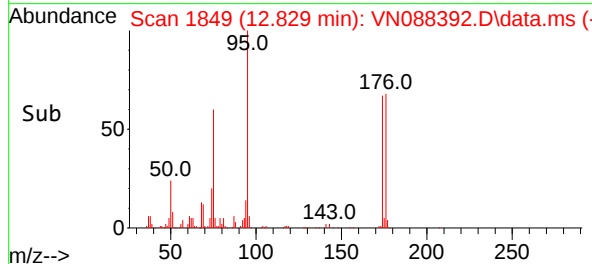
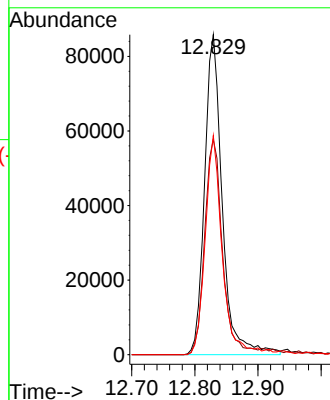
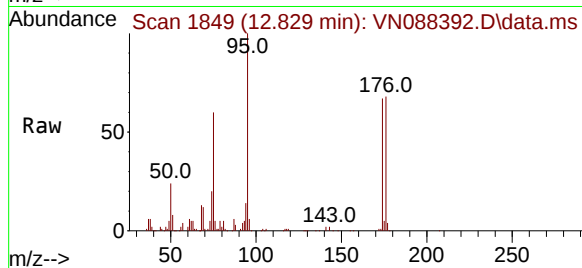
Tgt Ion: 95 Resp: 166885

Ion Ratio Lower Upper

95 100

174 67.7 0.0 139.0

176 66.4 0.0 132.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN088392.D

Acq: 01 Dec 2025 18:20

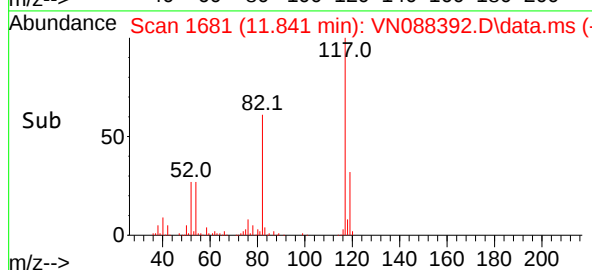
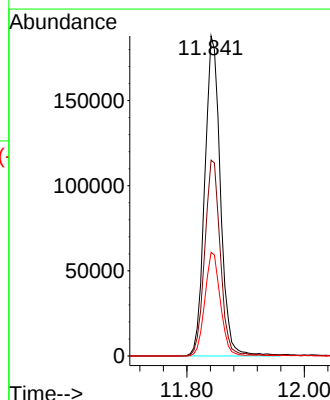
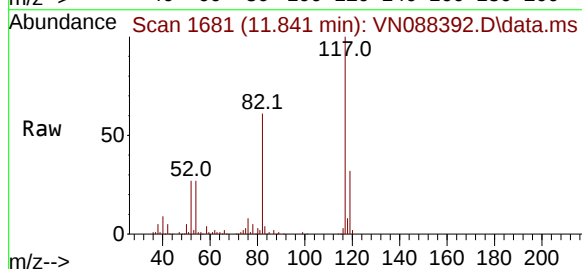
Tgt Ion: 117 Resp: 347429

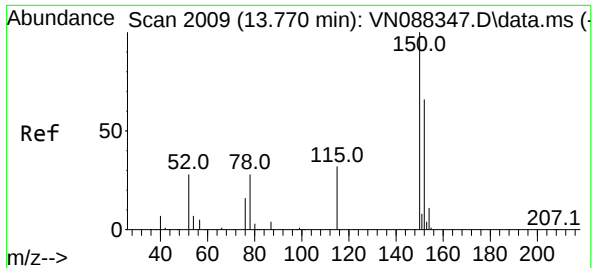
Ion Ratio Lower Upper

117 100

82 61.2 47.8 71.8

119 32.4 26.9 40.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN088392.D

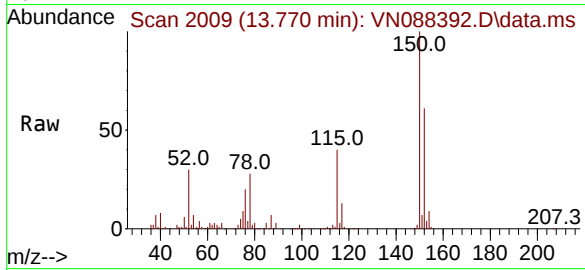
Acq: 01 Dec 2025 18:20

Instrument :

MSVOA_N

ClientSampleId :

TW-1125-1



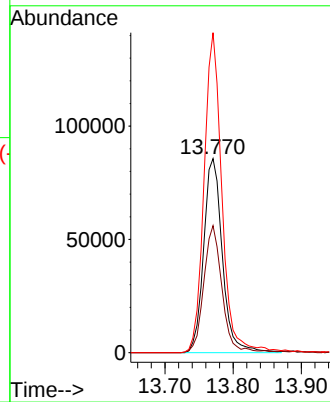
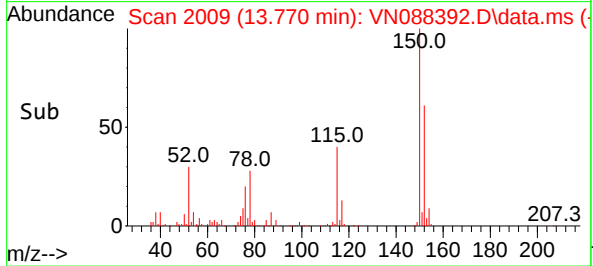
Tgt Ion:152 Resp: 164080

Ion Ratio Lower Upper

152 100

115 63.8 33.0 98.9

150 158.0 0.0 349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088392.D
Acq On : 01 Dec 2025 18:20
Operator : JC\MD
Sample : Q3743-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

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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\82N112425W.M

Title : SW846 8260

Signal : TIC: VN088392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.683	120	124	132	rVB4	6295	14703	1.14%	0.213%
2	4.424	407	420	430	rVB3	10964	41128	3.20%	0.595%
3	4.718	460	470	483	rVB	11836	37976	2.96%	0.549%
4	7.424	921	930	935	rBV4	7022	18649	1.45%	0.270%
5	8.147	1042	1053	1058	rBV2	181041	453358	35.28%	6.556%
6	8.206	1058	1063	1077	rVB	232302	524149	40.79%	7.579%
7	8.559	1111	1123	1136	rBV2	209530	485377	37.78%	7.019%
8	9.082	1203	1212	1222	rBV	443172	905804	70.50%	13.098%
9	10.547	1452	1461	1470	rBV	680195	1284877	100.00%	18.580%
10	11.841	1673	1681	1694	rBV	639512	1180712	91.89%	17.073%
11	12.829	1841	1849	1862	rBV	439887	847908	65.99%	12.261%
12	13.770	2001	2009	2025	rBV	602142	1120846	87.23%	16.208%

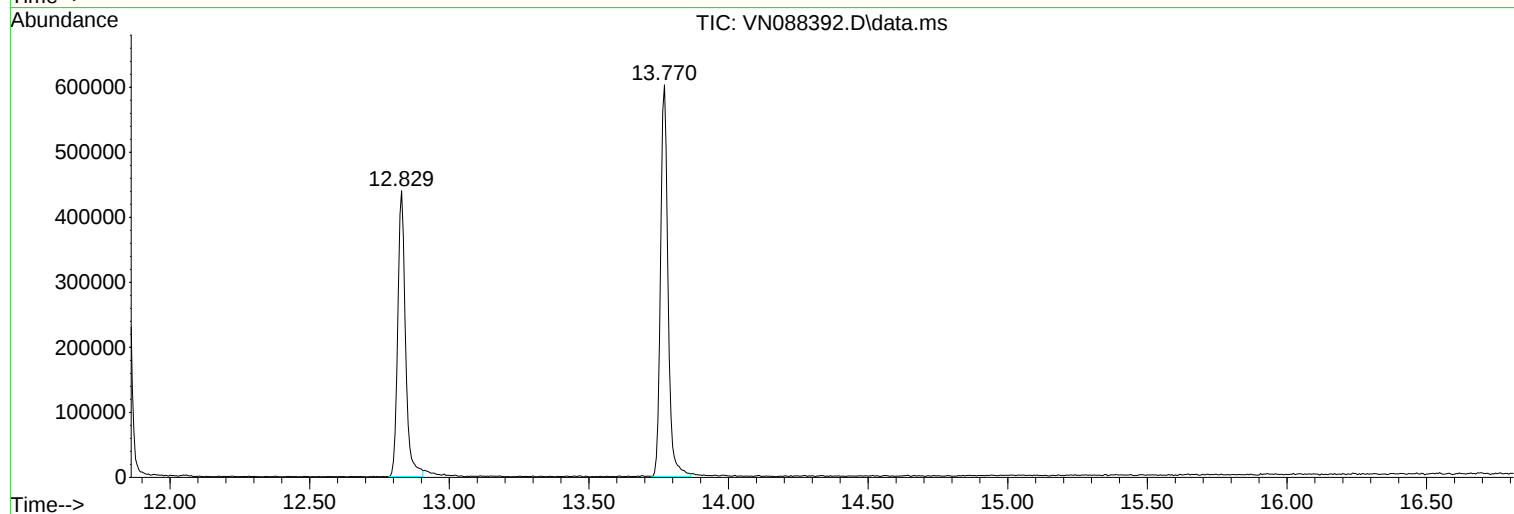
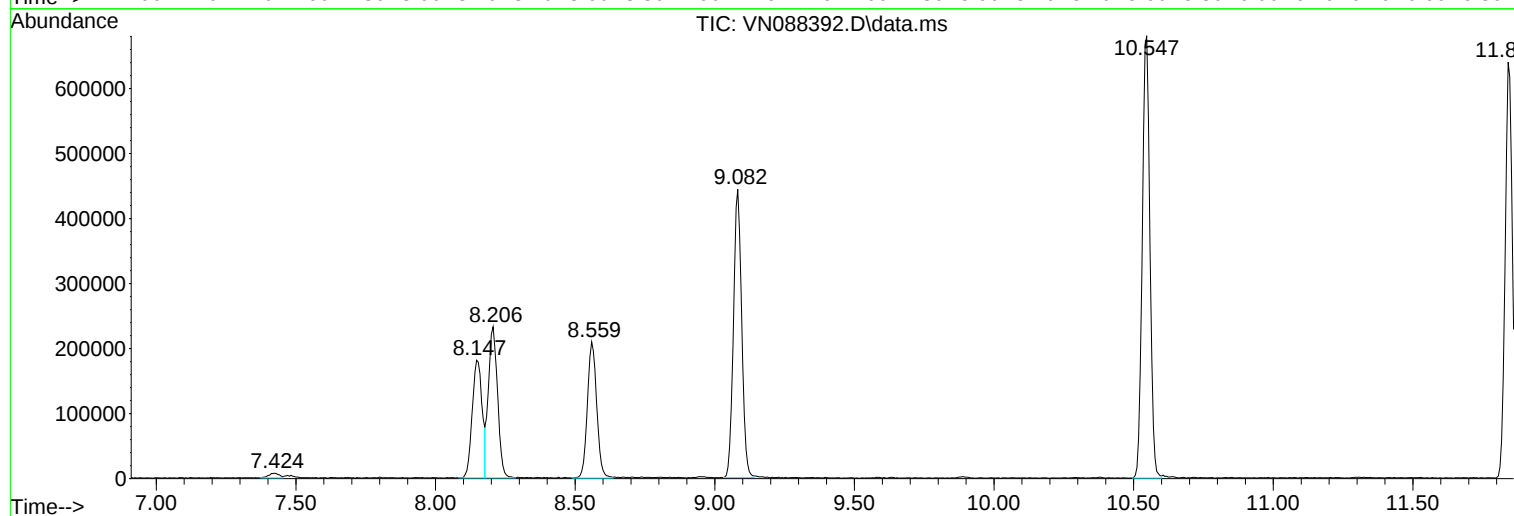
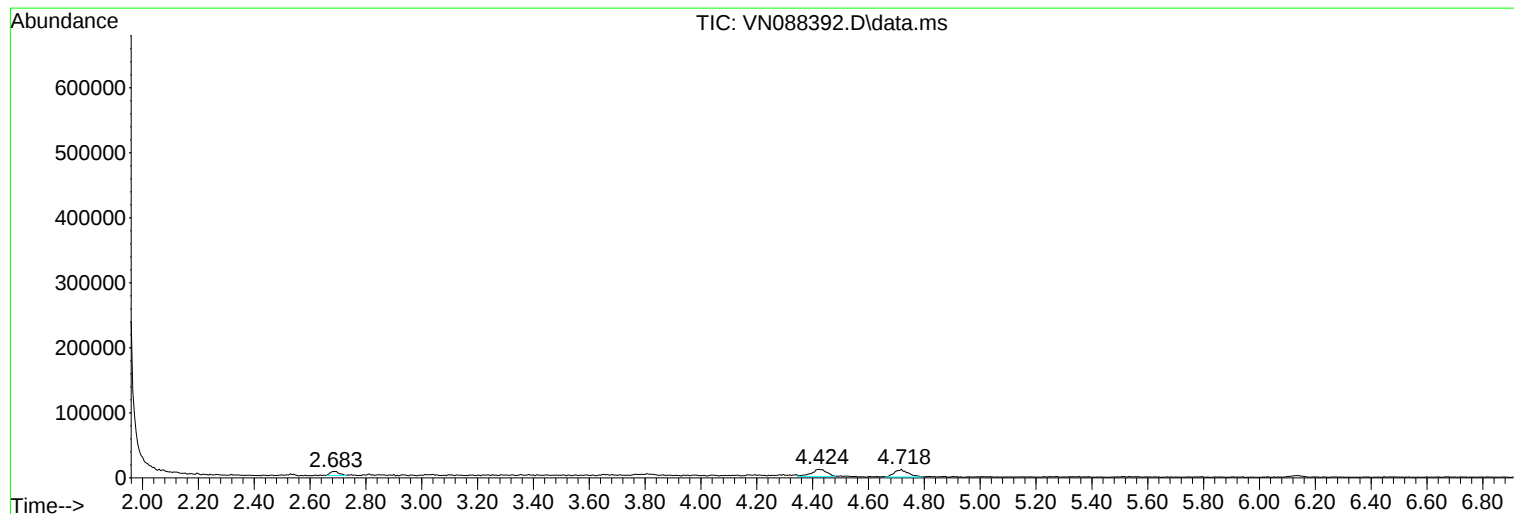
Sum of corrected areas: 6915487

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088392.D
Acq On : 01 Dec 2025 18:20
Operator : JC\MD
Sample : Q3743-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088392.D
Acq On : 01 Dec 2025 18:20
Operator : JC\MD
Sample : Q3743-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

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J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088392.D
Acq On : 01 Dec 2025 18:20
Operator : JC\MD
Sample : Q3743-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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A
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J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088393.D
 Acq On : 01 Dec 2025 18:41
 Operator : JC\MD
 Sample : Q3743-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1125-2

A
B
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J

Quant Time: Dec 02 00:19:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

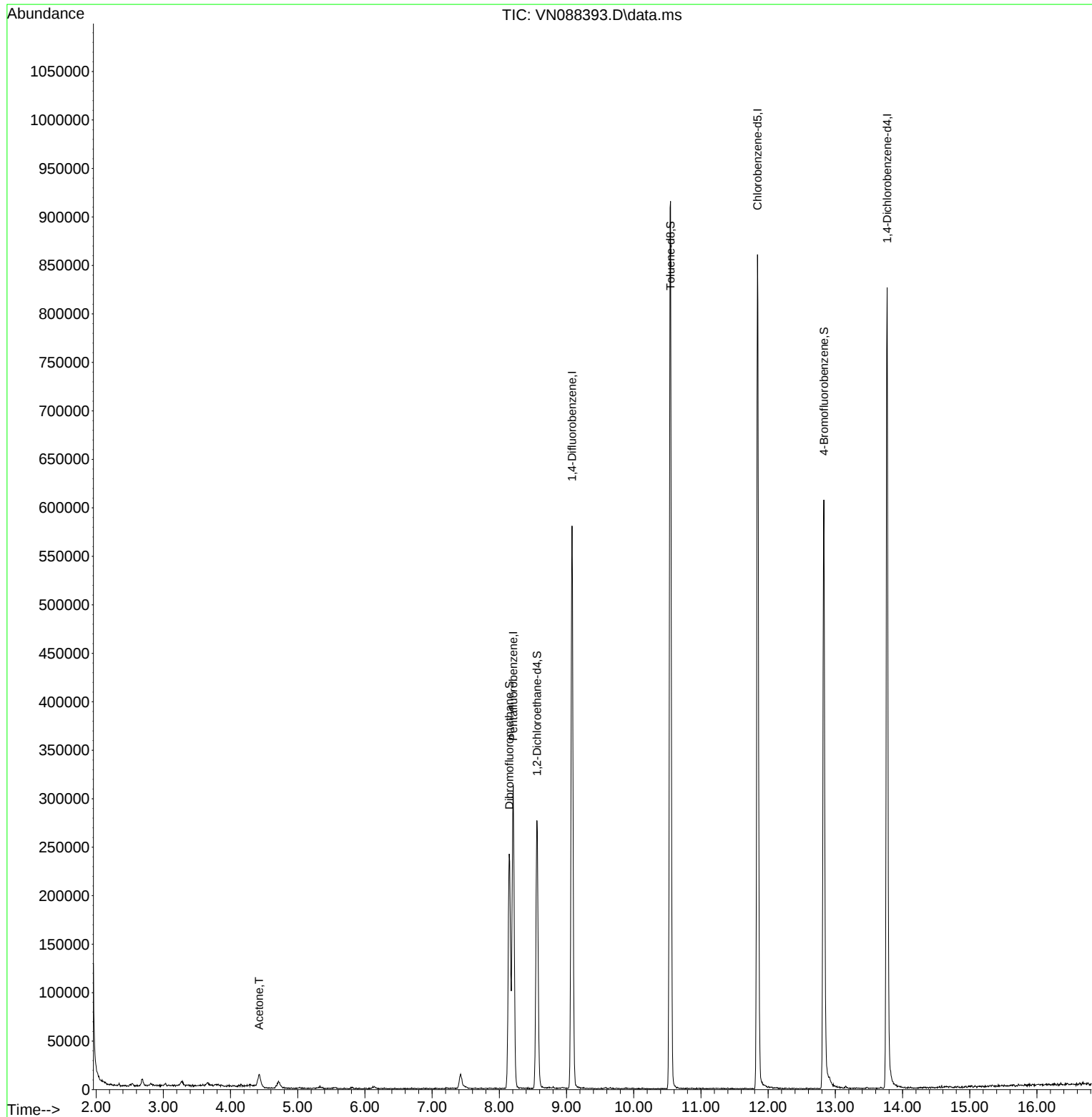
Internal Standards						
1) Pentafluorobenzene	8.206	168	203666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	472280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	460828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	215787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234894	61.224	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 122.440%		
35) Dibromofluoromethane	8.147	113	173373	52.973	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.940%		
50) Toluene-d8	10.547	98	610228	50.110	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.220%		
62) 4-Bromofluorobenzene	12.829	95	223615	53.517	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 107.040%		
Target Compounds						
16) Acetone	4.424	43	26336	18.980	ug/l	Qvalue 96

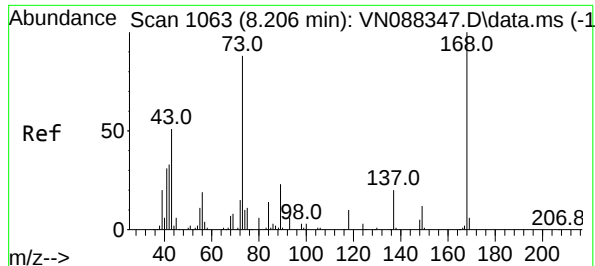
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088393.D
Acq On : 01 Dec 2025 18:41
Operator : JC\MD
Sample : Q3743-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2

Quant Time: Dec 02 00:19:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

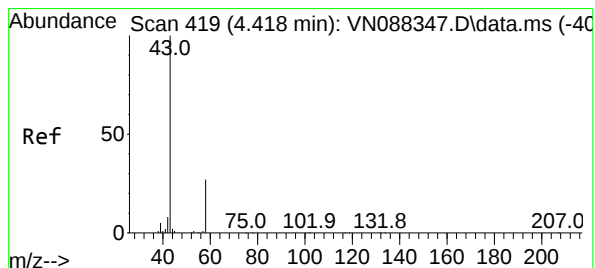
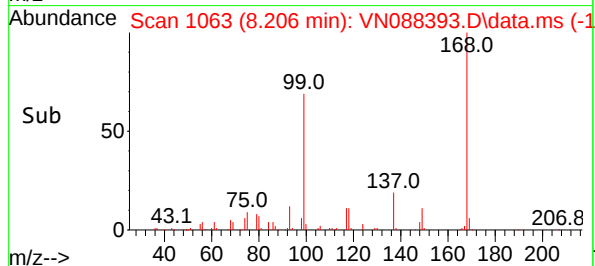
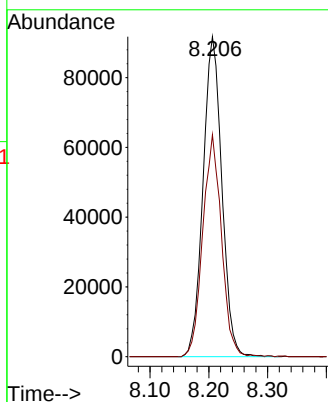
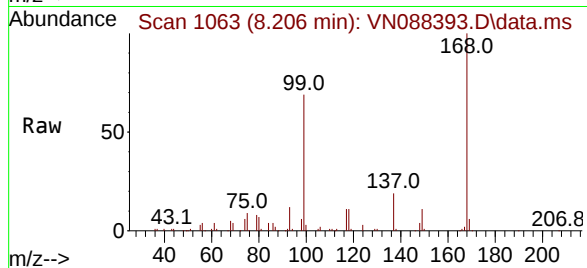




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088393.D
Acq: 01 Dec 2025 18:41

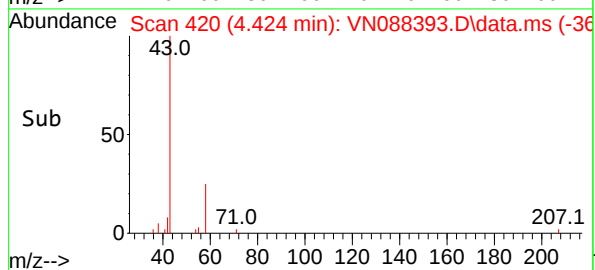
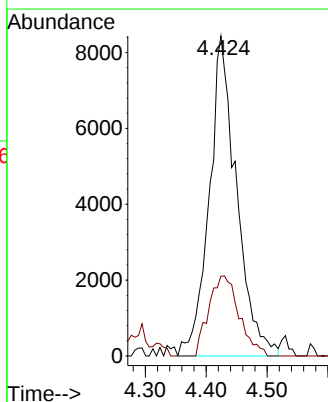
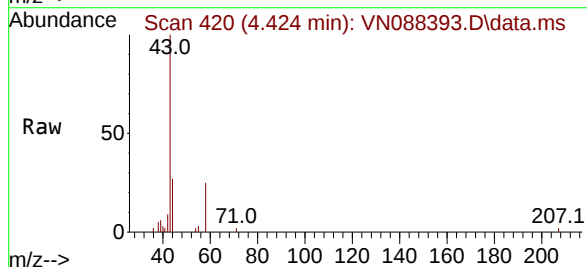
Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2

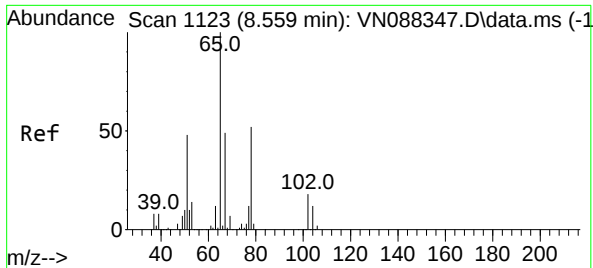
Tgt Ion:168 Resp: 203666
Ion Ratio Lower Upper
168 100
99 69.4 57.1 85.7



#16
Acetone
Concen: 18.980 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088393.D
Acq: 01 Dec 2025 18:41

Tgt Ion: 43 Resp: 26336
Ion Ratio Lower Upper
43 100
58 24.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 61.224 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

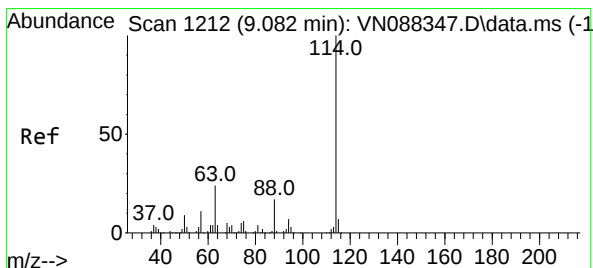
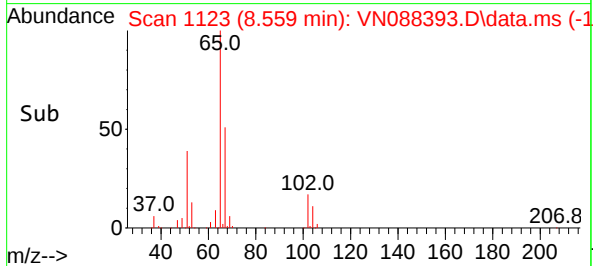
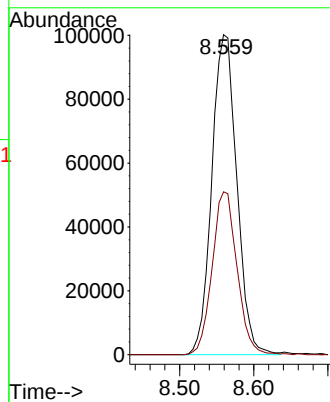
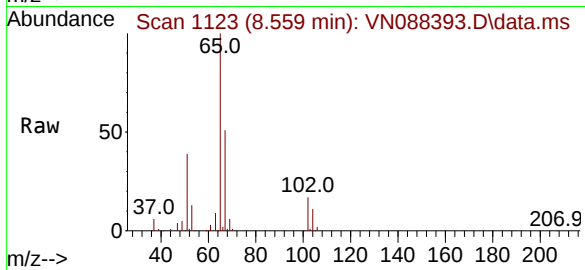
TW-1125-2

Tgt Ion: 65 Resp: 234894

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

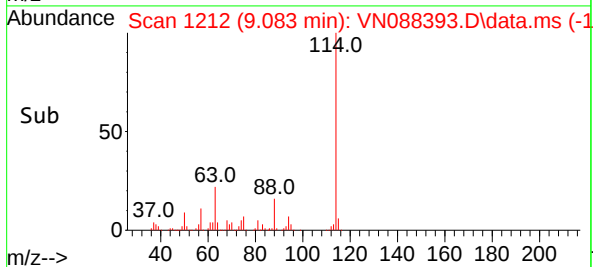
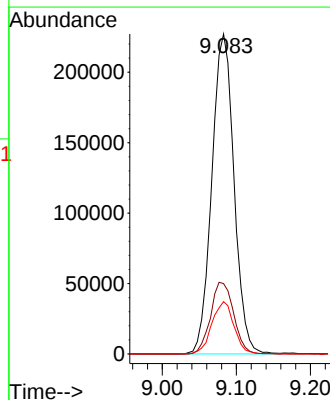
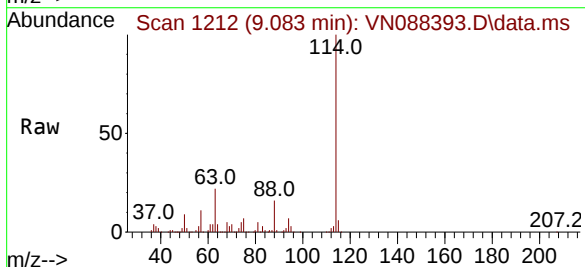
Tgt Ion: 114 Resp: 472280

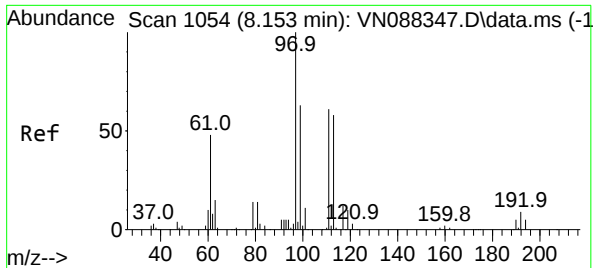
Ion Ratio Lower Upper

114 100

63 22.0 0.0 49.0

88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.973 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

TW-1125-2

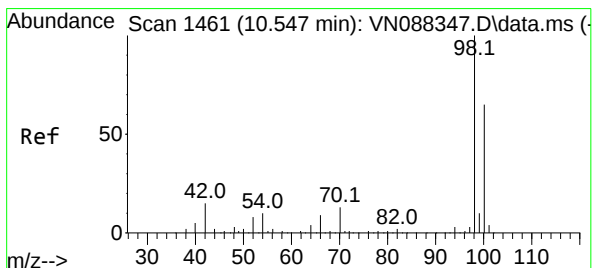
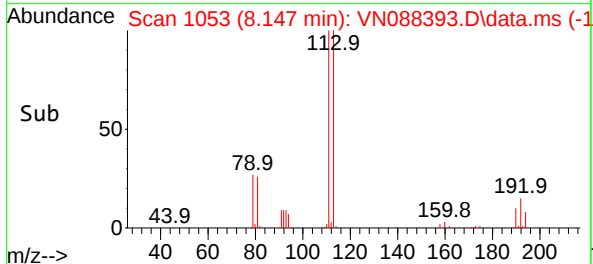
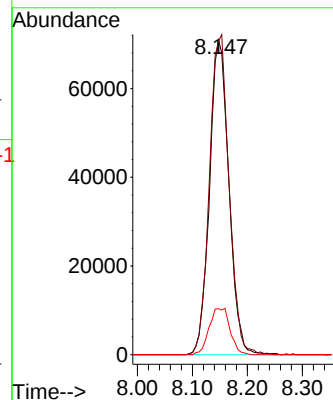
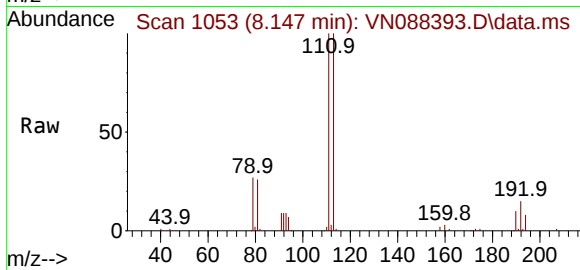
Tgt Ion:113 Resp: 173373

Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 15.9 12.8 19.2



#50

Toluene-d8

Concen: 50.110 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088393.D

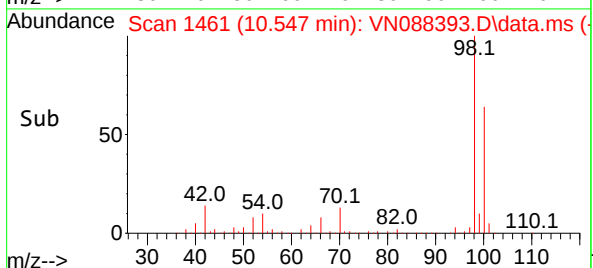
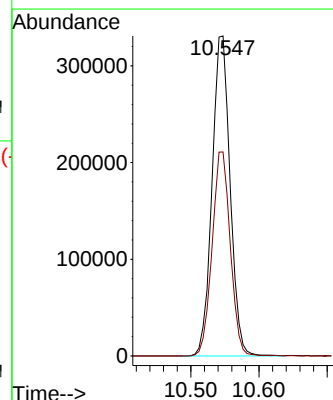
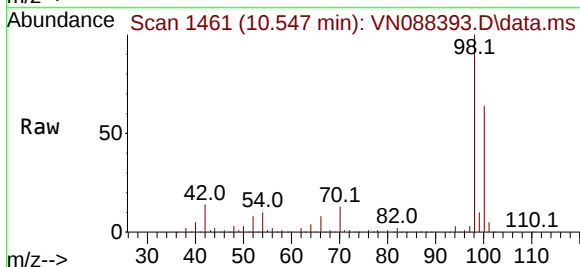
Acq: 01 Dec 2025 18:41

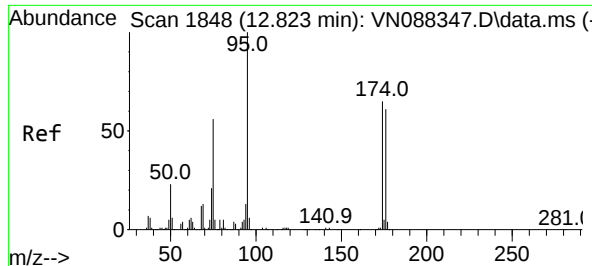
Tgt Ion: 98 Resp: 610228

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 53.517 ug/l

RT: 12.829 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

TW-1125-2

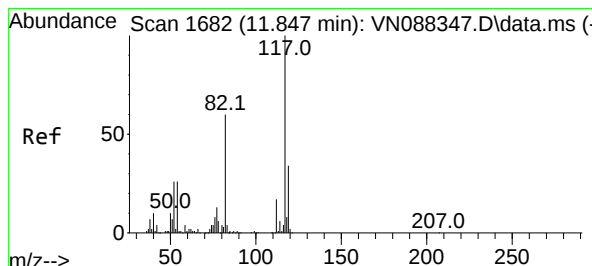
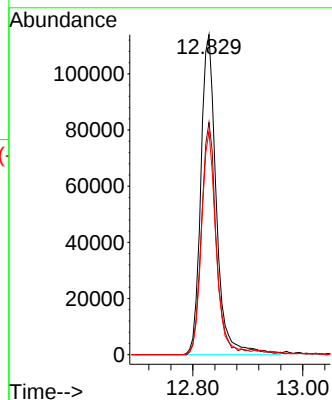
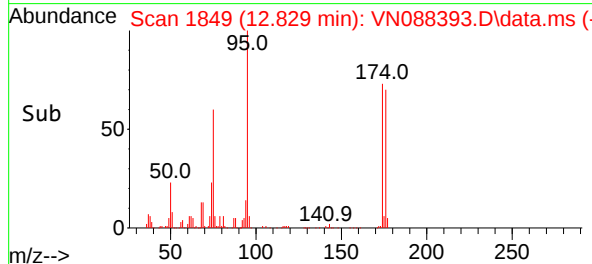
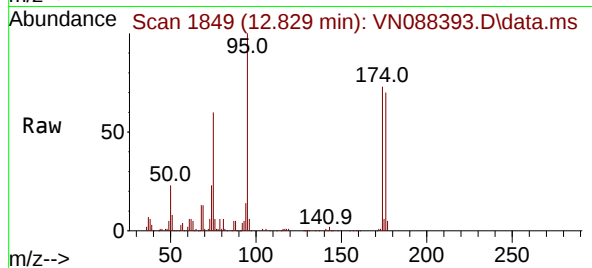
Tgt Ion: 95 Resp: 223615

Ion Ratio Lower Upper

95 100

174 69.2 0.0 139.0

176 66.0 0.0 132.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

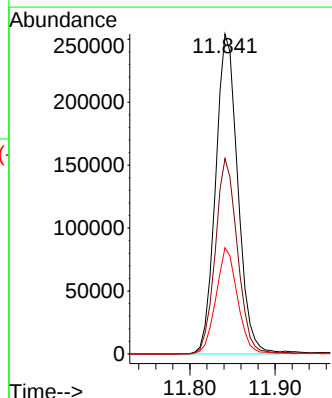
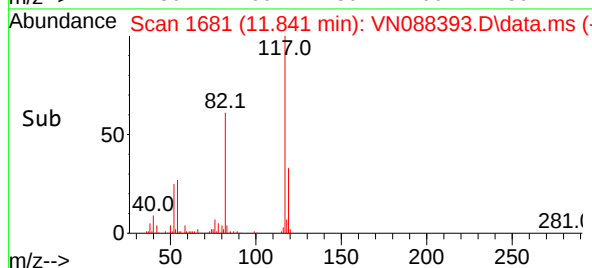
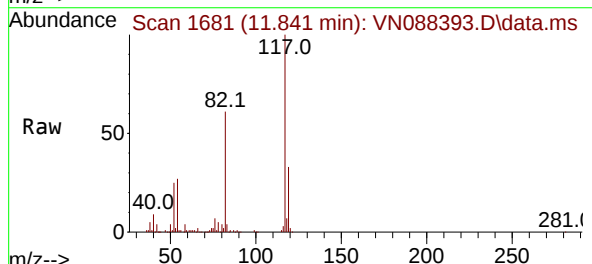
Tgt Ion: 117 Resp: 460828

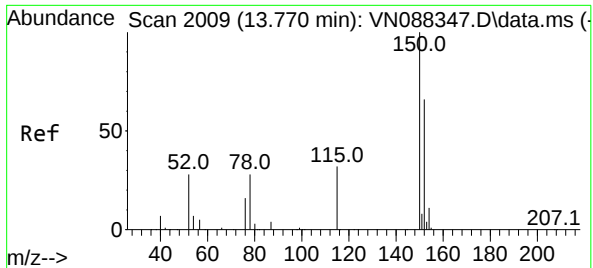
Ion Ratio Lower Upper

117 100

82 61.0 47.8 71.8

119 33.2 26.9 40.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN088393.D

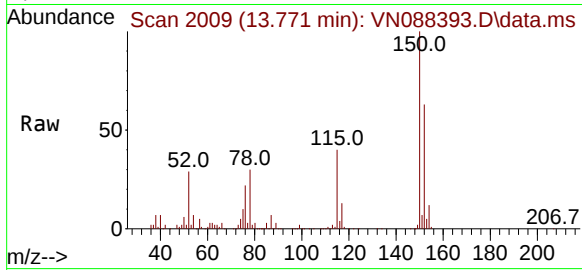
Acq: 01 Dec 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

TW-1125-2



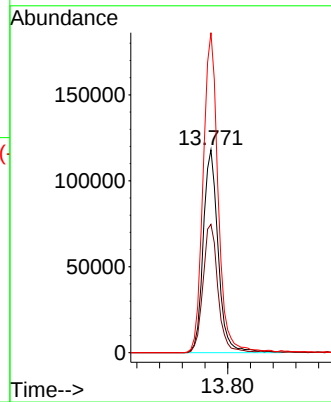
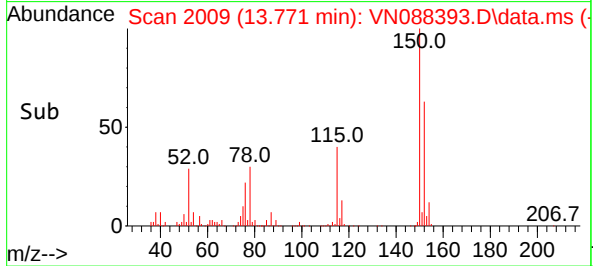
Tgt Ion:152 Resp: 215787

Ion Ratio Lower Upper

152 100

115 63.2 33.0 98.9

150 158.4 0.0 349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088393.D
Acq On : 01 Dec 2025 18:41
Operator : JC\MD
Sample : Q3743-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M

Title : SW846 8260

Signal : TIC: VN088393.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.424	412	420	429	rVB2	12381	36002	2.10%	0.394%
2	7.424	921	930	942	rBV	14473	43216	2.53%	0.473%
3	8.147	1043	1053	1058	rBV2	241953	595850	34.82%	6.522%
4	8.206	1058	1063	1075	rVB	312188	686641	40.12%	7.515%
5	8.559	1112	1123	1135	rBV2	276489	640974	37.45%	7.016%
6	9.083	1203	1212	1225	rBV	579905	1212927	70.88%	13.276%
7	10.547	1452	1461	1472	rBV	915592	1711321	100.00%	18.731%
8	11.841	1673	1681	1695	rBV	860279	1575906	92.09%	17.249%
9	12.829	1839	1849	1861	rBV	607453	1144635	66.89%	12.528%
10	13.771	2001	2009	2023	rBV	825295	1488997	87.01%	16.297%

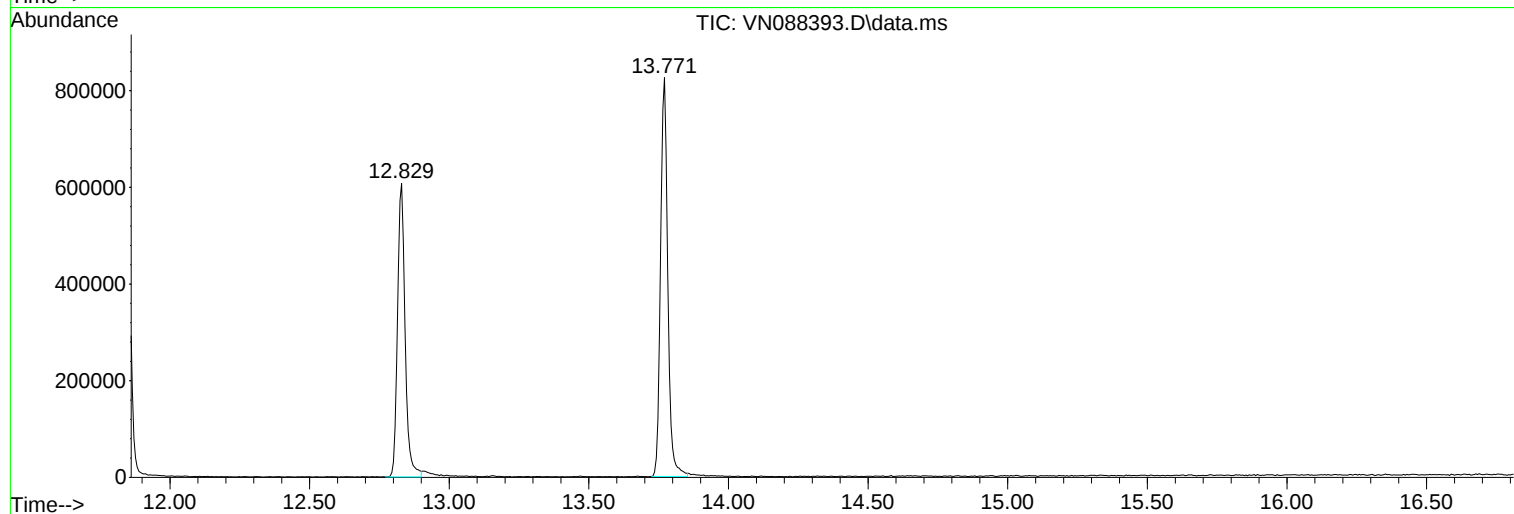
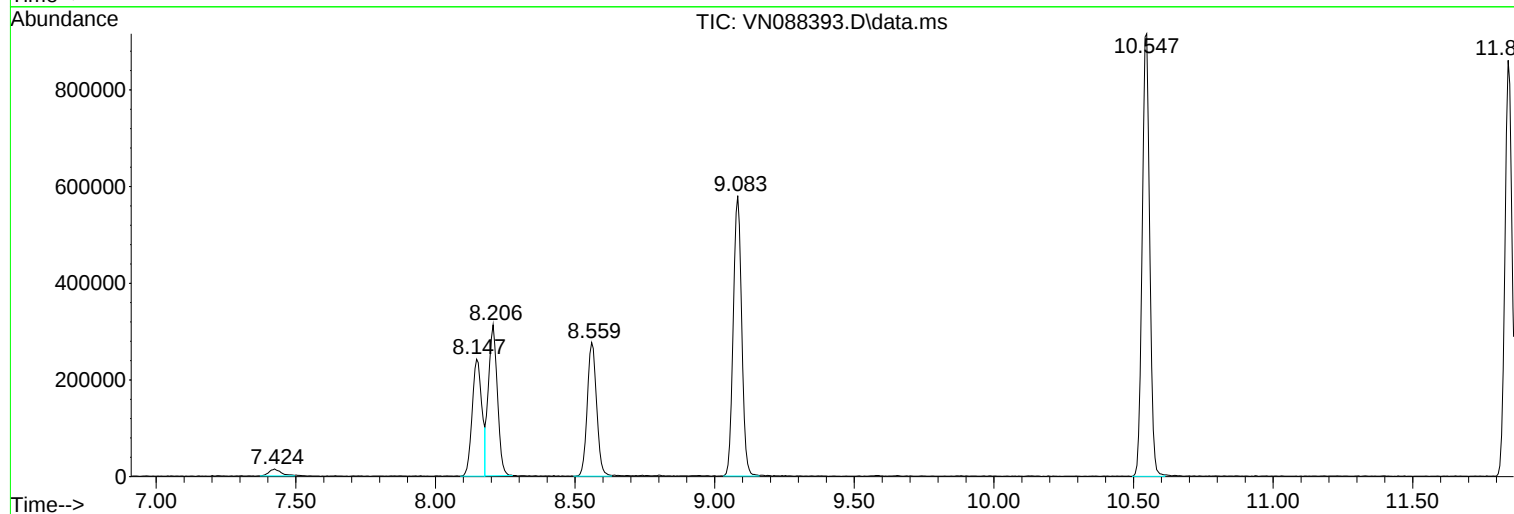
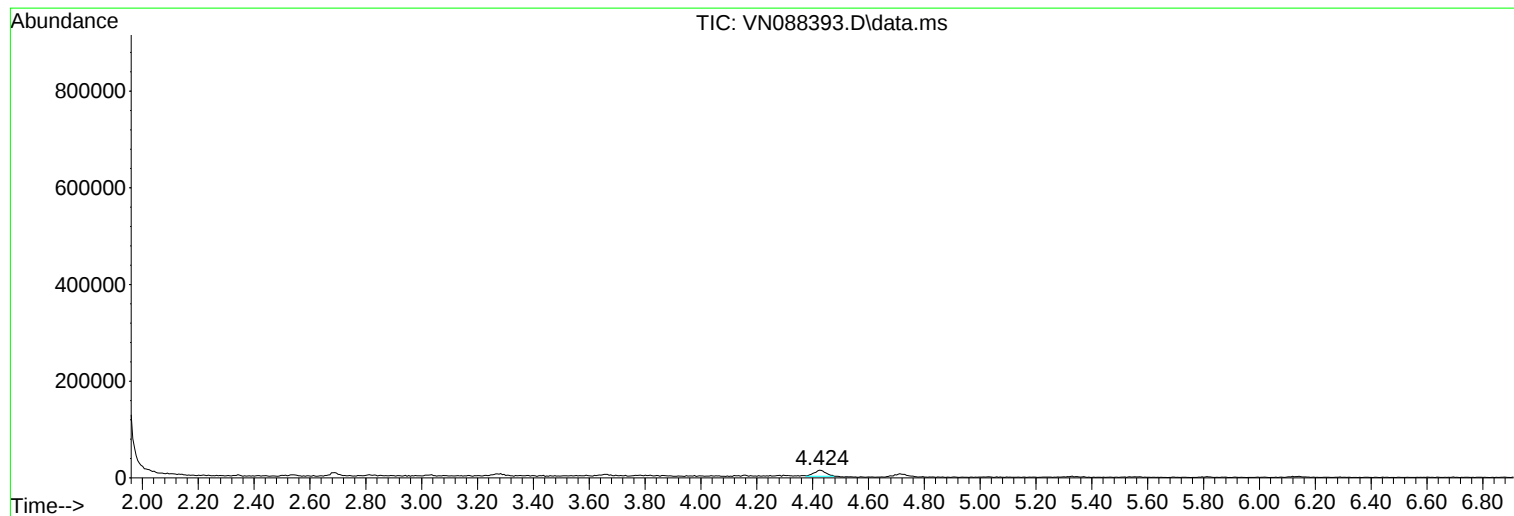
Sum of corrected areas: 9136469

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088393.D
Acq On : 01 Dec 2025 18:41
Operator : JC\MD
Sample : Q3743-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088393.D
Acq On : 01 Dec 2025 18:41
Operator : JC\MD
Sample : Q3743-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088393.D
Acq On : 01 Dec 2025 18:41
Operator : JC\MD
Sample : Q3743-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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A
B
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J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088389.D
 Acq On : 01 Dec 2025 17:18
 Operator : JC\MD
 Sample : Q3743-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

A
B
C
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J

Quant Time: Dec 02 00:17:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	177560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	408212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	395290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	183327	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200978	60.085	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.180%
35) Dibromofluoromethane	8.147	113	148235	52.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.800%
50) Toluene-d8	10.541	98	527906	50.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.829	95	193240	53.506	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.020%

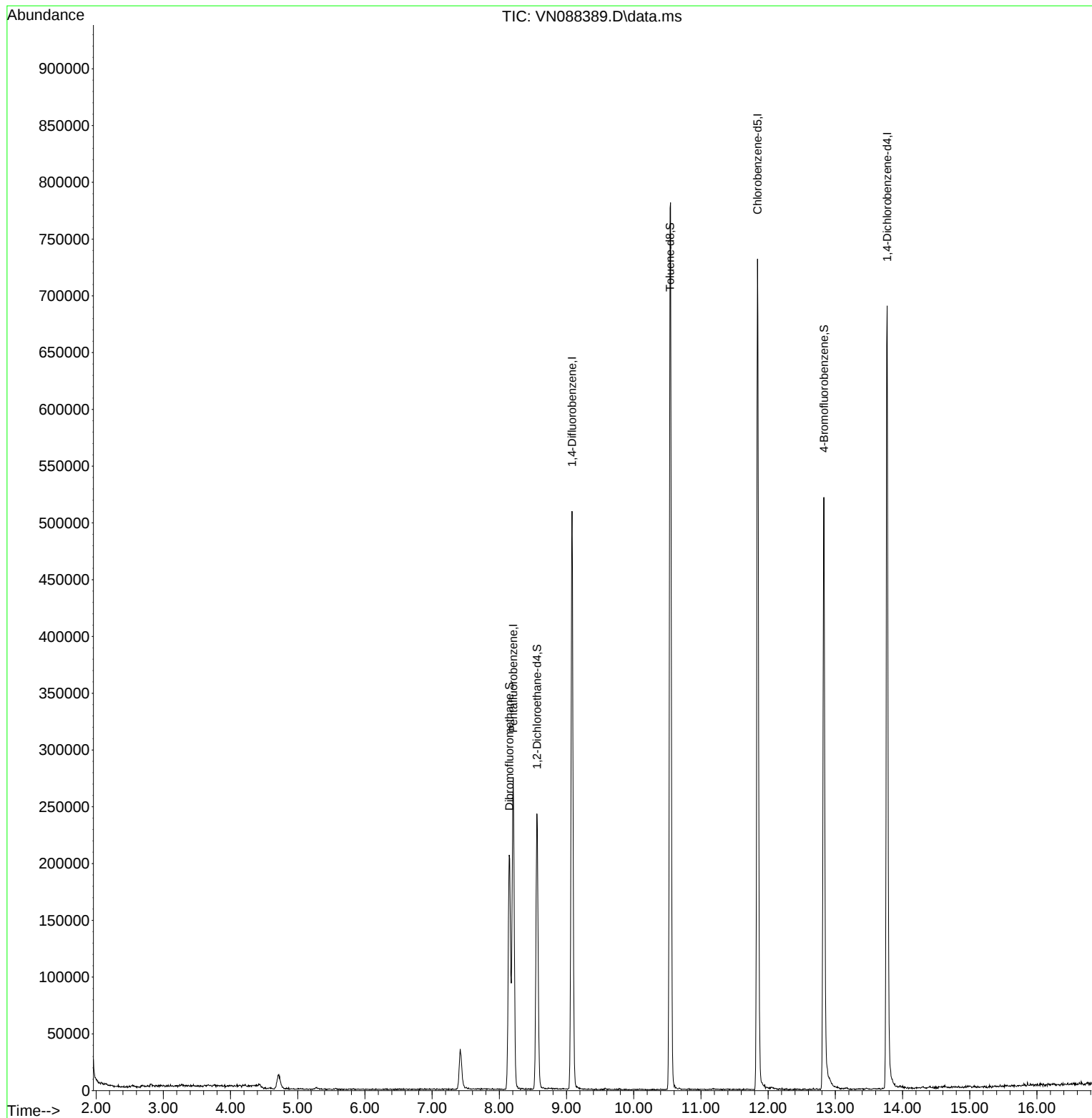
Target Compounds	Qvalue

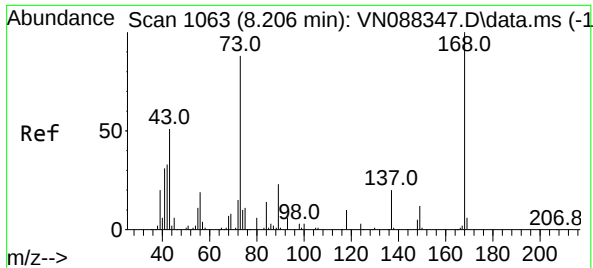
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088389.D
Acq On : 01 Dec 2025 17:18
Operator : JC\MD
Sample : Q3743-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Time: Dec 02 00:17:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

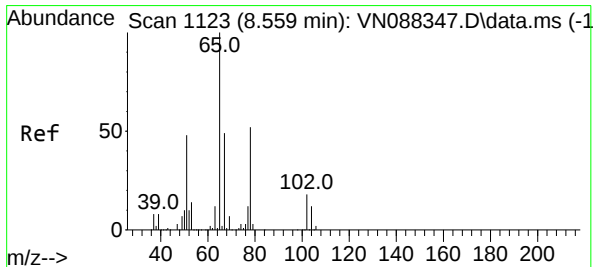
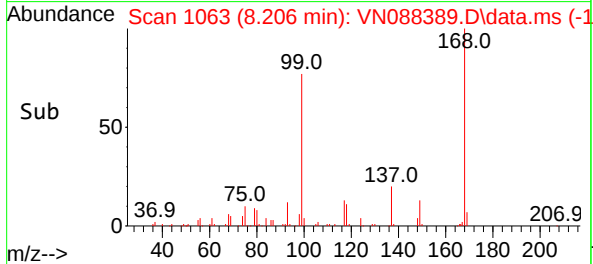
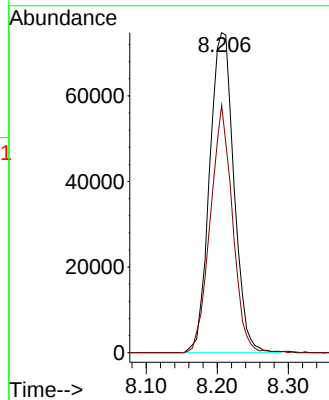
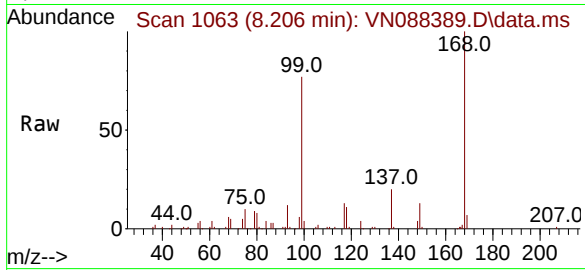




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088389.D
Acq: 01 Dec 2025 17:18

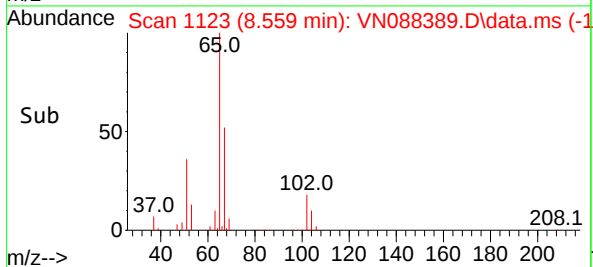
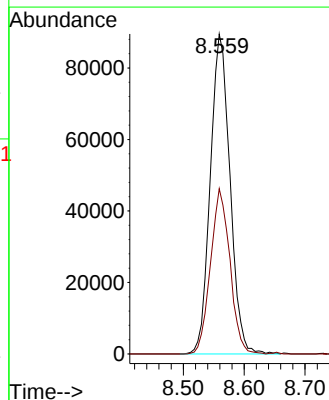
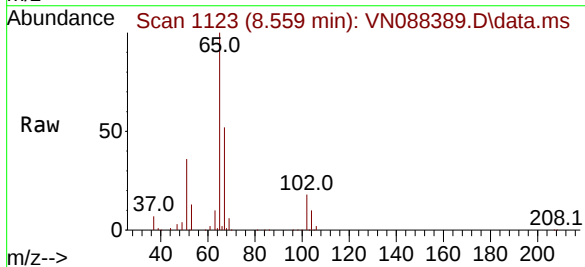
Instrument :
MSVOA_N
ClientSampleId :
TB

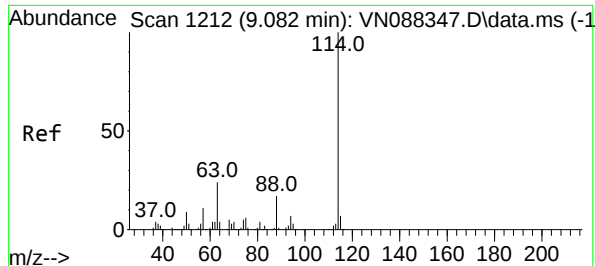
Tgt Ion:168 Resp: 177560
Ion Ratio Lower Upper
168 100
99 77.3 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 60.085 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088389.D
Acq: 01 Dec 2025 17:18

Tgt Ion: 65 Resp: 200978
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088389.D

Acq: 01 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

TB

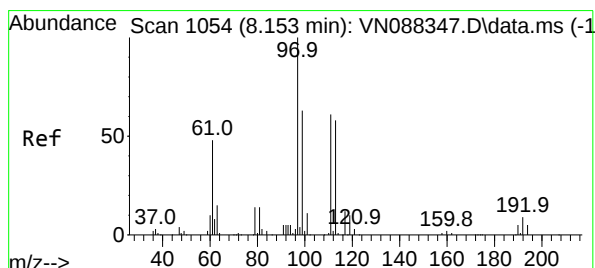
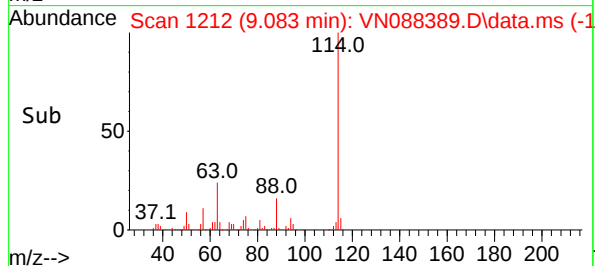
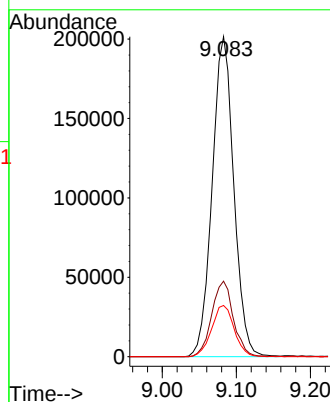
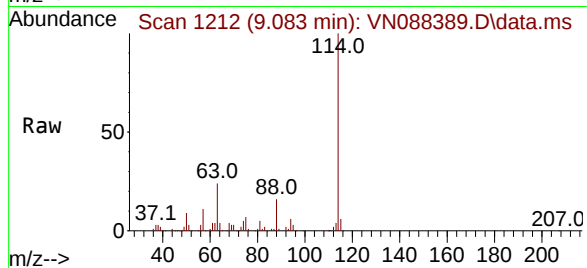
Tgt Ion:114 Resp: 408212

Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.0

88 16.0 0.0 34.0



#35

Dibromofluoromethane

Concen: 52.400 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088389.D

Acq: 01 Dec 2025 17:18

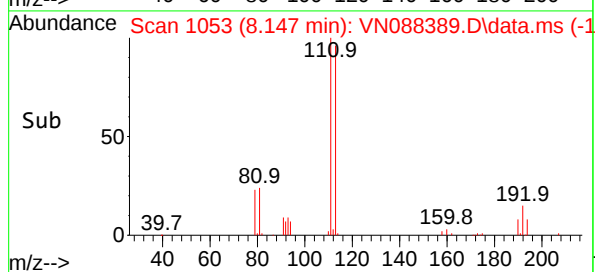
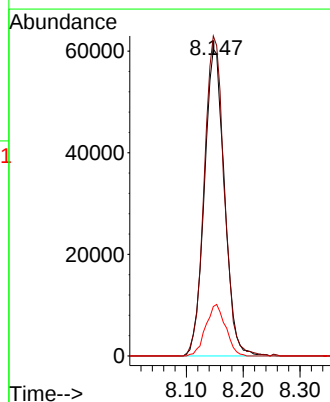
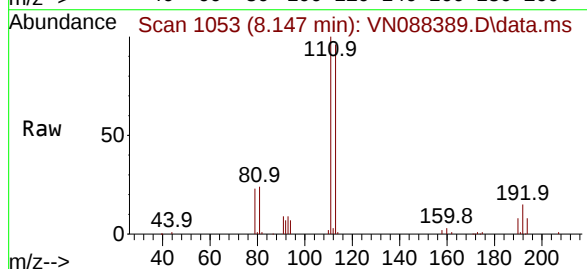
Tgt Ion:113 Resp: 148235

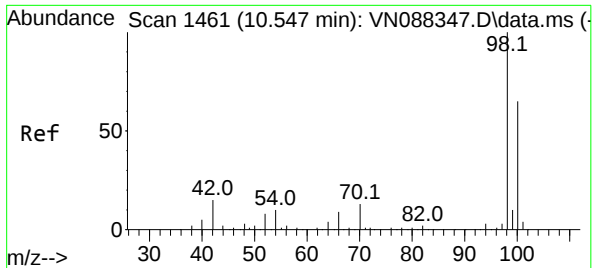
Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 16.6 12.8 19.2

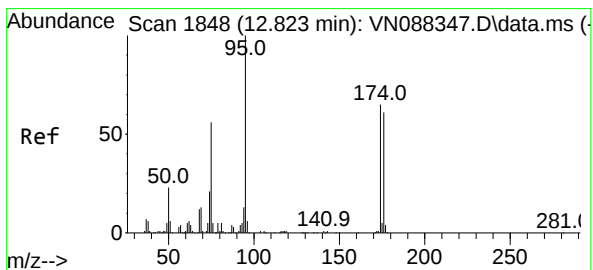
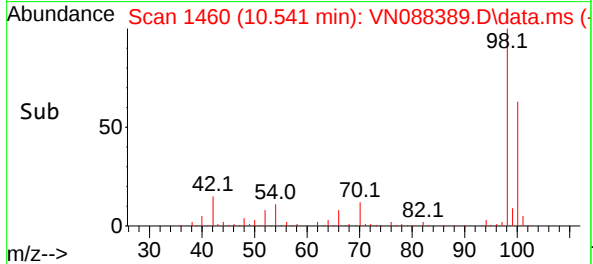
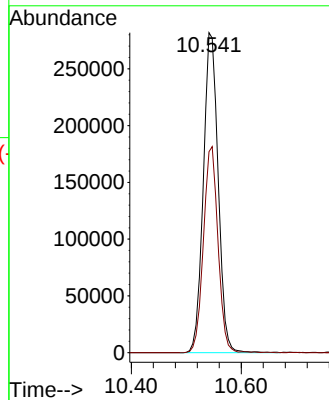
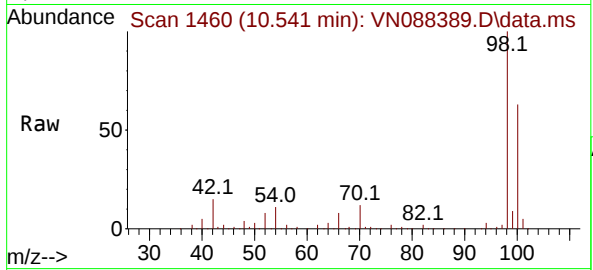




#50
Toluene-d8
Concen: 50.154 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088389.D
Acq: 01 Dec 2025 17:18

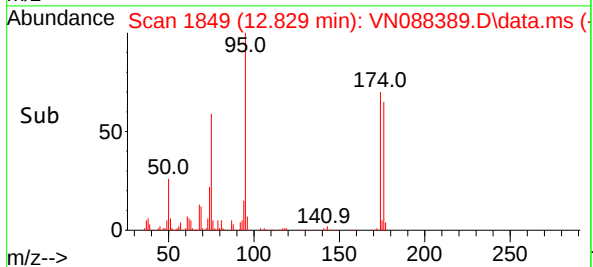
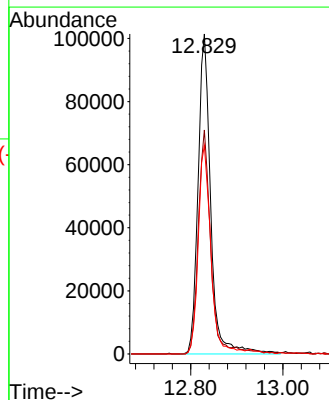
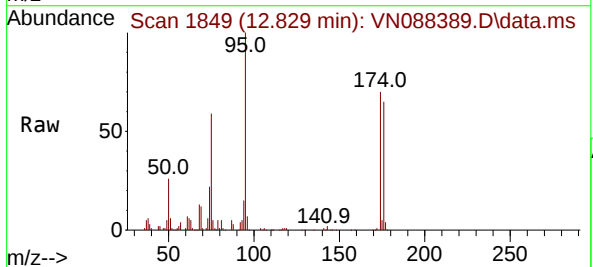
Instrument :
MSVOA_N
ClientSampleId :
TB

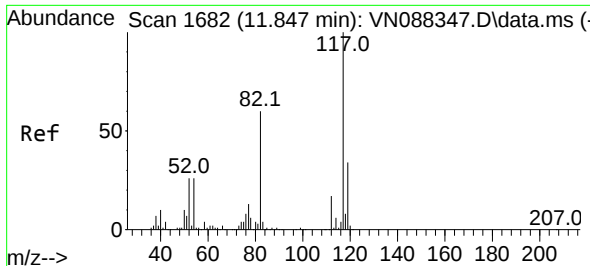
Tgt Ion: 98 Resp: 527906
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.506 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088389.D
Acq: 01 Dec 2025 17:18

Tgt Ion: 95 Resp: 193240
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.0
176 64.8 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088389.D

Acq: 01 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

TB

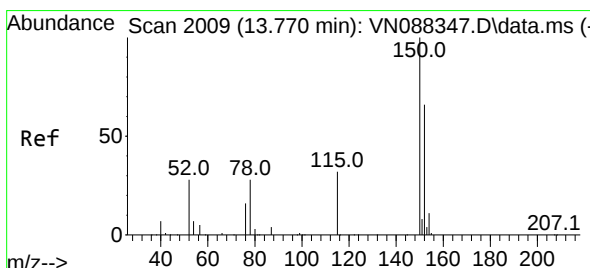
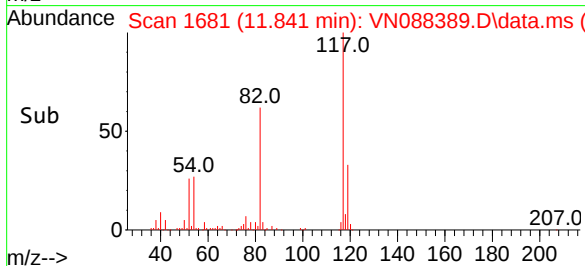
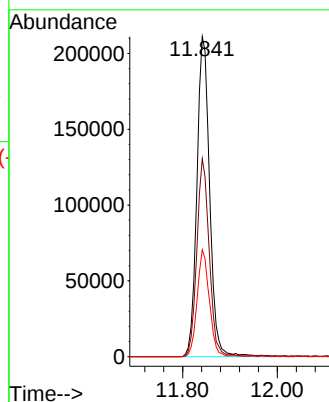
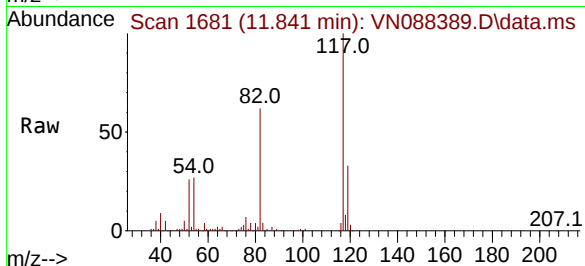
Tgt Ion:117 Resp: 395290

Ion Ratio Lower Upper

117 100

82 61.9 47.8 71.8

119 33.4 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088389.D

Acq: 01 Dec 2025 17:18

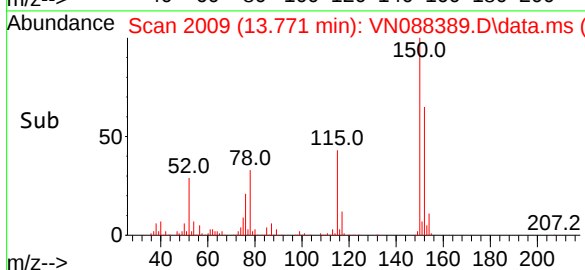
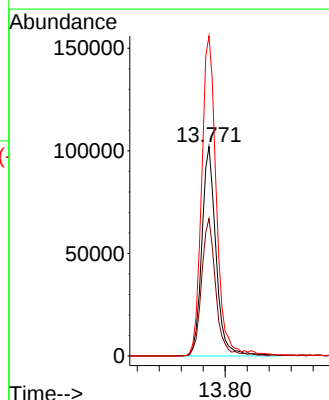
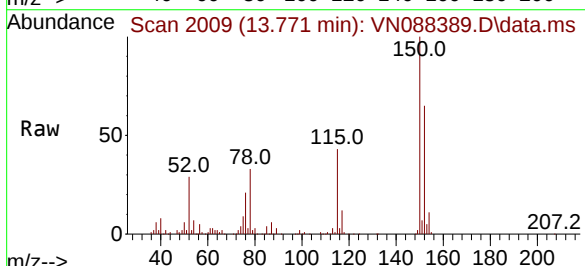
Tgt Ion:152 Resp: 183327

Ion Ratio Lower Upper

152 100

115 65.9 33.0 98.9

150 159.1 0.0 349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088389.D
 Acq On : 01 Dec 2025 17:18
 Operator : JC\MD
 Sample : Q3743-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

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\82N112425W.M

Title : SW846 8260

Signal : TIC: VN088389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.718	458	470	479	rBV	12890	45484	3.09%	0.571%
2	7.418	920	929	941	rBV2	35362	97376	6.61%	1.222%
3	8.147	1043	1053	1058	rBV2	206507	512012	34.77%	6.426%
4	8.206	1058	1063	1075	rVB	274076	612264	41.57%	7.684%
5	8.559	1112	1123	1136	rBV	242657	552351	37.51%	6.932%
6	9.083	1203	1212	1224	rBV	508503	1054940	71.63%	13.240%
7	10.547	1452	1461	1470	rBV	781085	1472728	100.00%	18.483%
8	11.841	1673	1681	1698	rBV	731892	1349431	91.63%	16.936%
9	12.829	1840	1849	1868	rBV	521868	998953	67.83%	12.537%
10	13.771	2001	2009	2027	rBV	689035	1272385	86.40%	15.969%

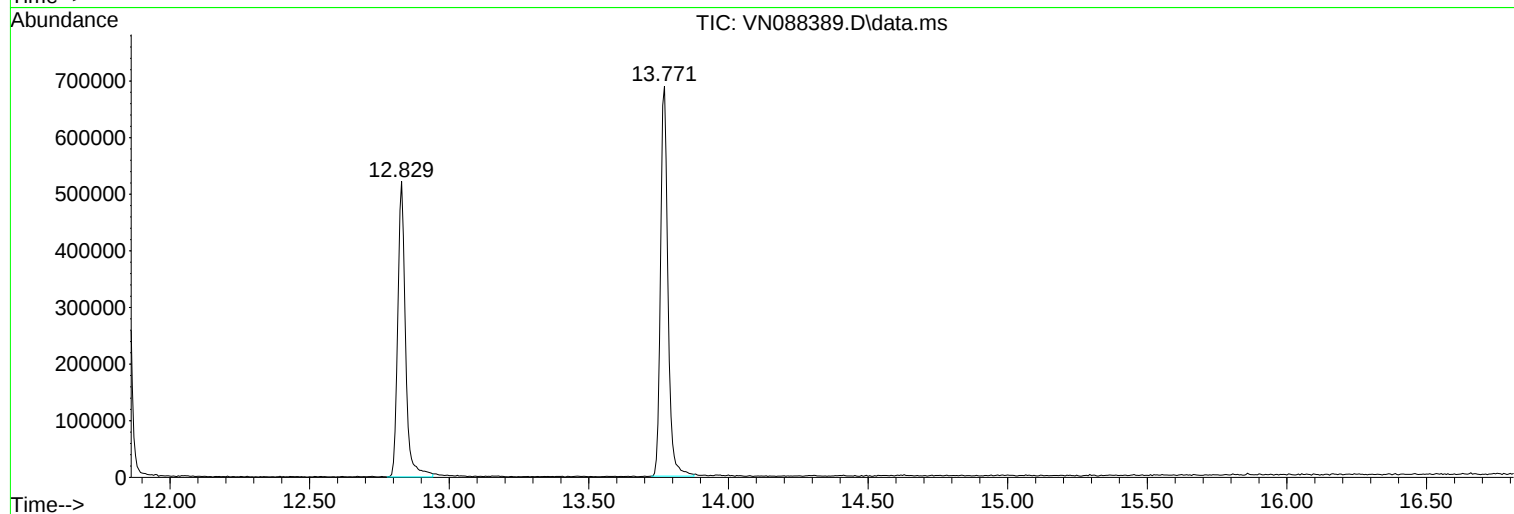
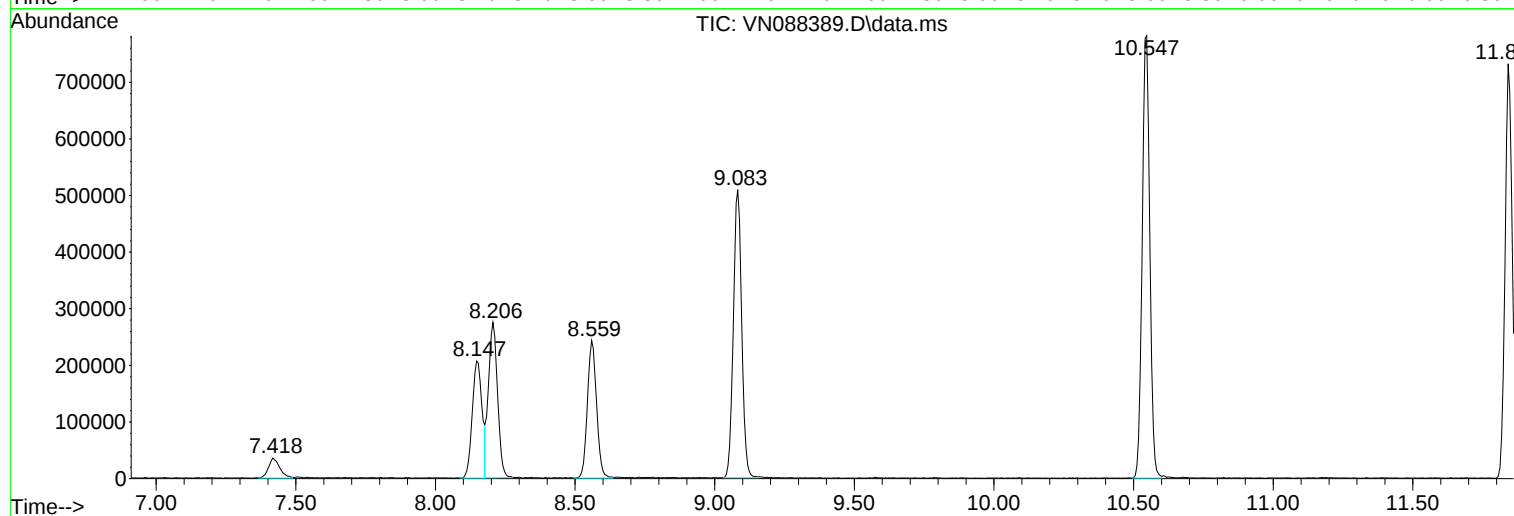
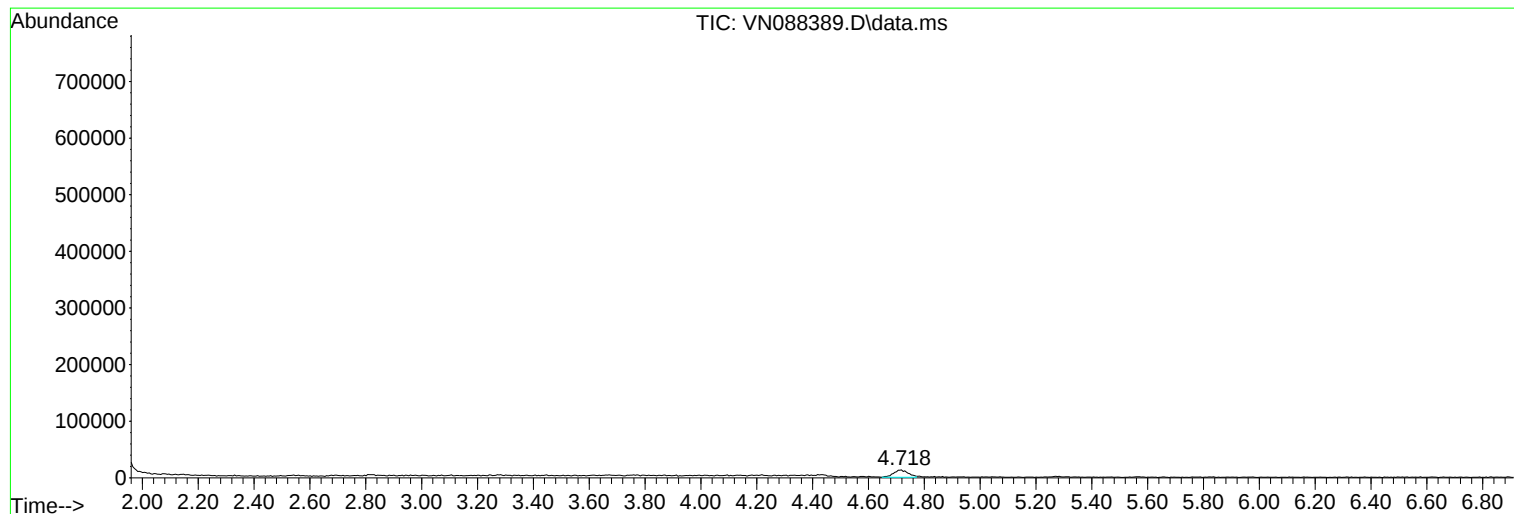
Sum of corrected areas: 7967924

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088389.D
Acq On : 01 Dec 2025 17:18
Operator : JC\MD
Sample : Q3743-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088389.D
Acq On : 01 Dec 2025 17:18
Operator : JC\MD
Sample : Q3743-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088389.D
Acq On : 01 Dec 2025 17:18
Operator : JC\MD
Sample : Q3743-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
------------------	----	---------	-------	----------	---	----	------	------

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088390.D
 Acq On : 01 Dec 2025 17:39
 Operator : JC\MD
 Sample : Q3743-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 02 00:18:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	168109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	386817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	372510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	175948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	192789	60.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.760%
35) Dibromofluoromethane	8.147	113	142167	53.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.080%
50) Toluene-d8	10.547	98	497084	49.838	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.829	95	182162	53.228	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.460%

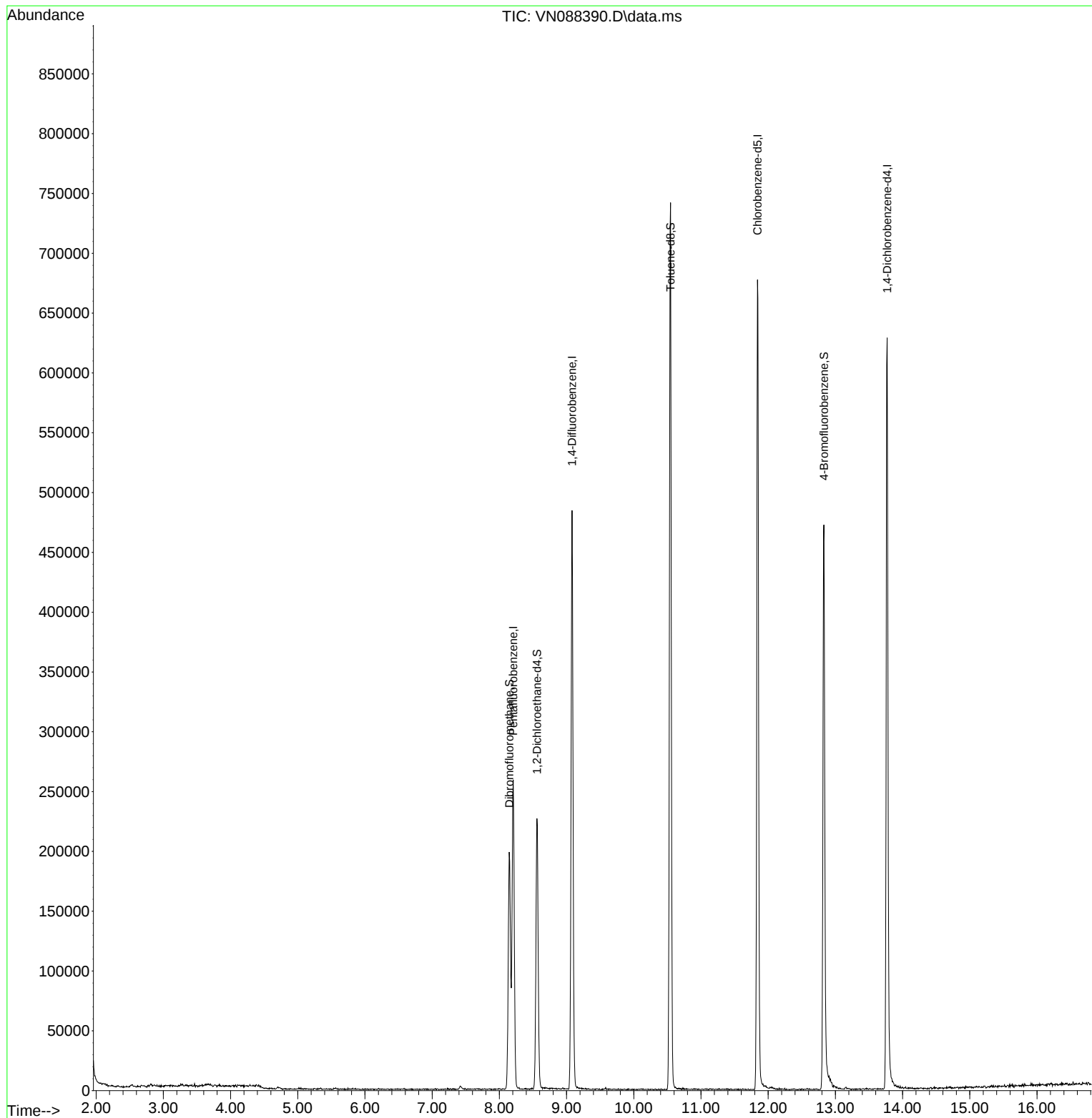
Target Compounds	Qvalue

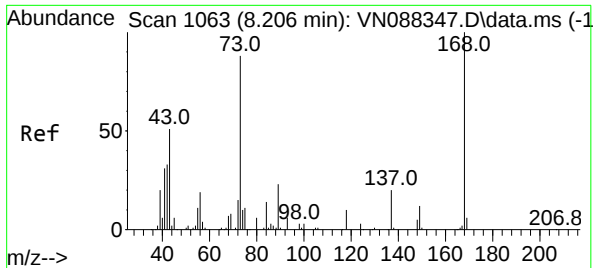
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088390.D
Acq On : 01 Dec 2025 17:39
Operator : JC\MD
Sample : Q3743-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Time: Dec 02 00:18:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

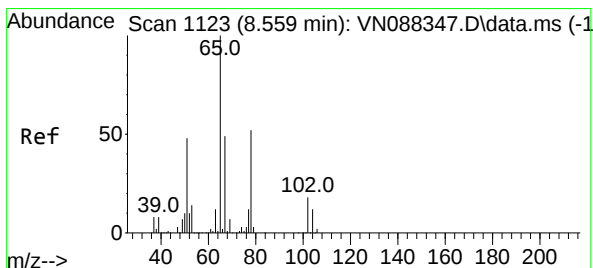
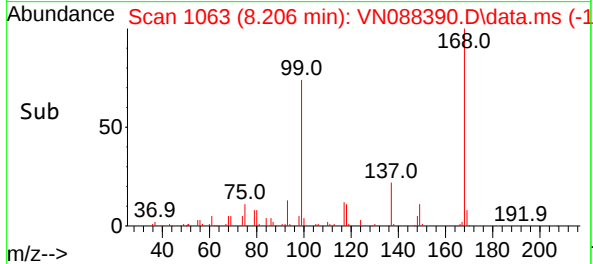
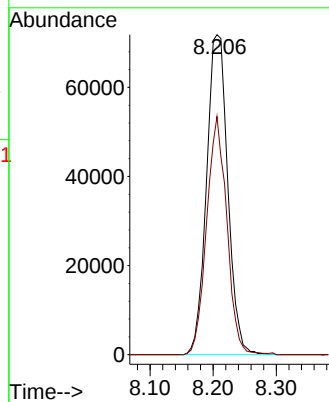
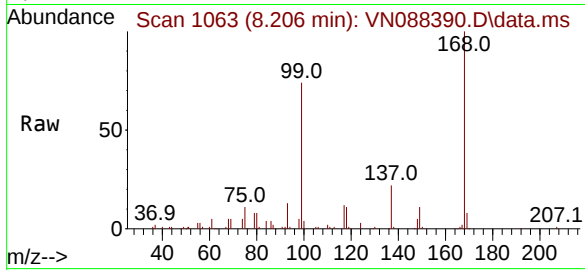




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

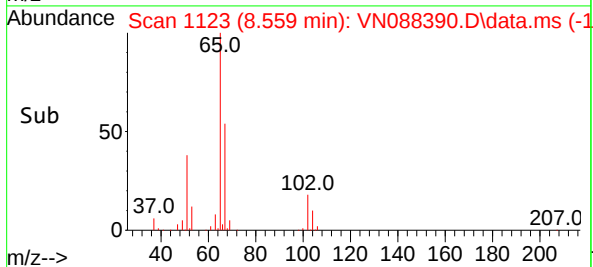
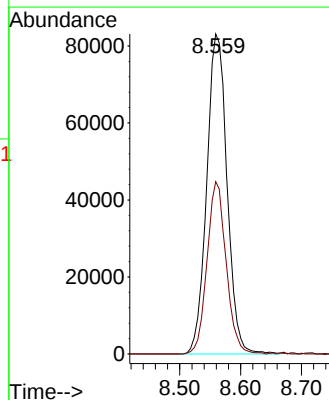
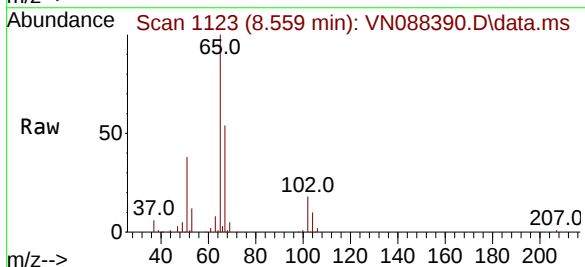
Instrument :
MSVOA_N
ClientSampleId :
TB

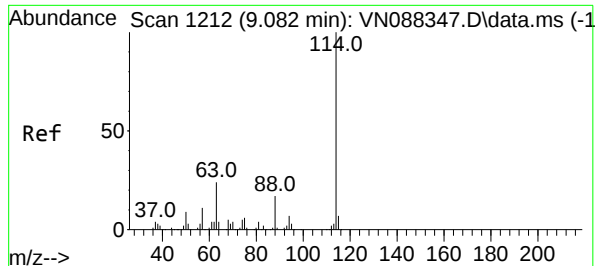
Tgt Ion:168 Resp: 168109
Ion Ratio Lower Upper
168 100
99 74.5 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 60.877 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

Tgt Ion: 65 Resp: 192789
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088390.D

Acq: 01 Dec 2025 17:39

Instrument :

MSVOA_N

ClientSampleId :

TB

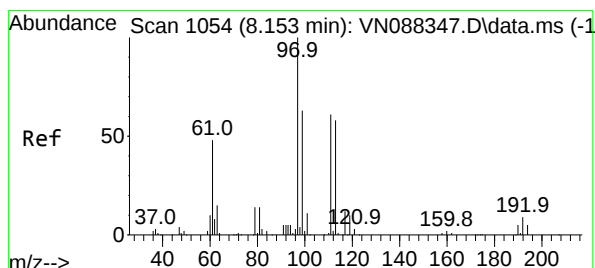
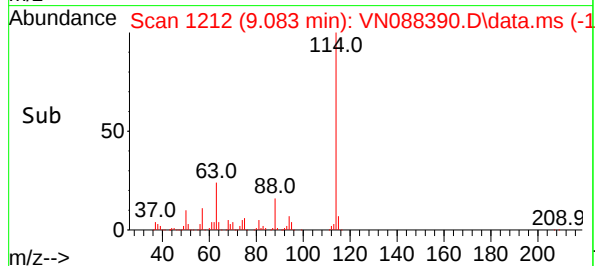
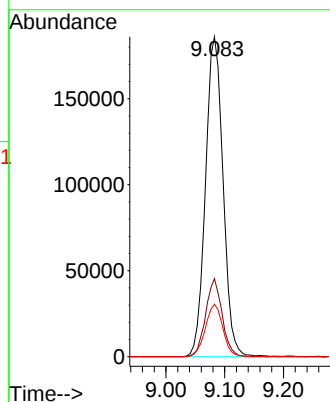
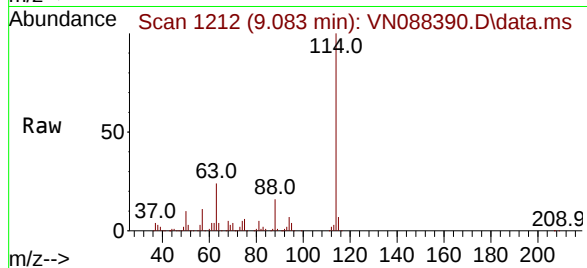
Tgt Ion:114 Resp: 386817

Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.0

88 16.4 0.0 34.0



#35

Dibromofluoromethane

Concen: 53.035 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088390.D

Acq: 01 Dec 2025 17:39

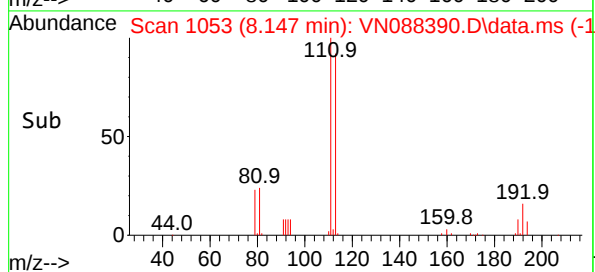
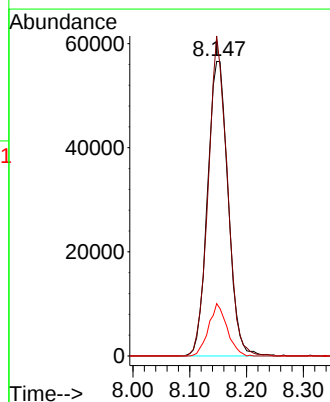
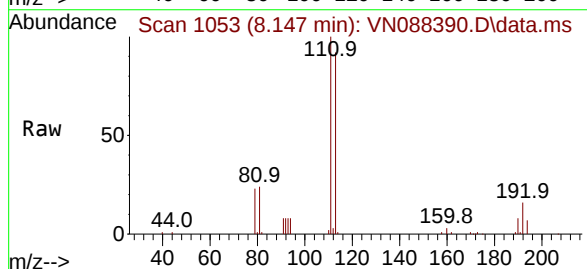
Tgt Ion:113 Resp: 142167

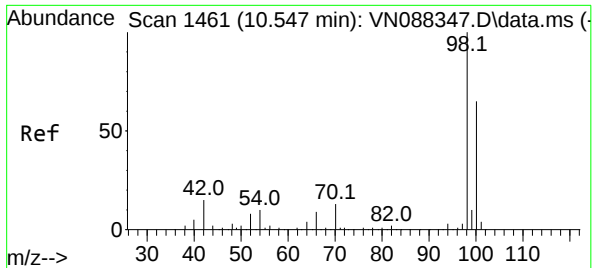
Ion Ratio Lower Upper

113 100

111 100.6 82.5 123.7

192 16.0 12.8 19.2

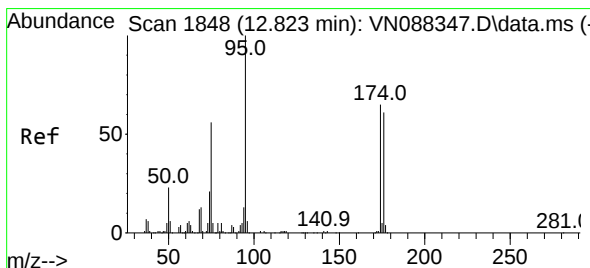
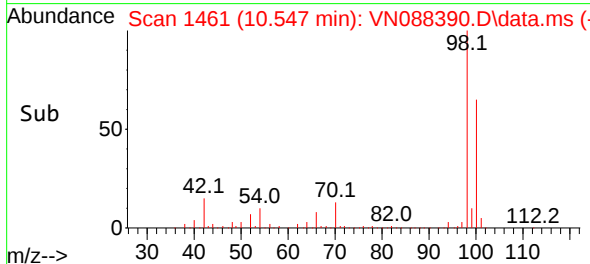
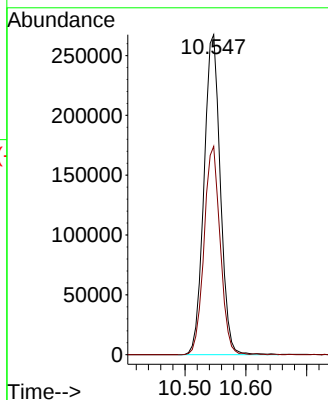
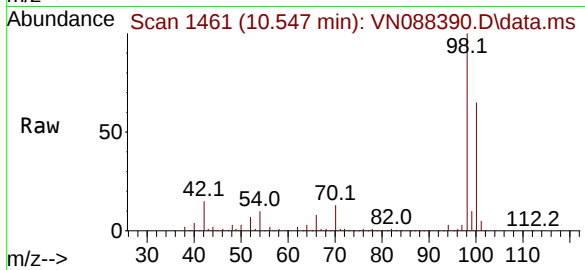




#50
Toluene-d8
Concen: 49.838 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

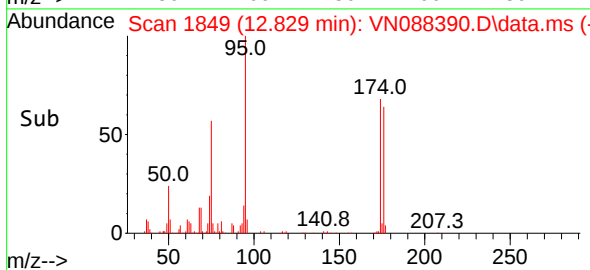
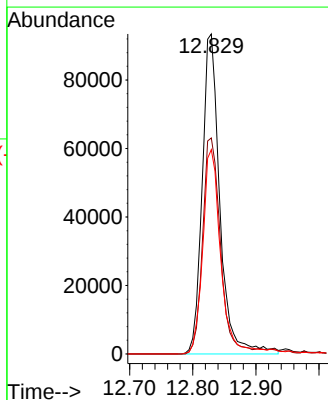
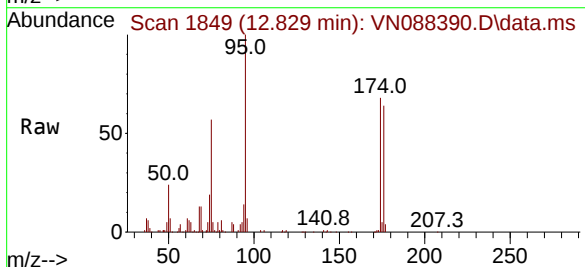
Instrument :
MSVOA_N
ClientSampleId :
TB

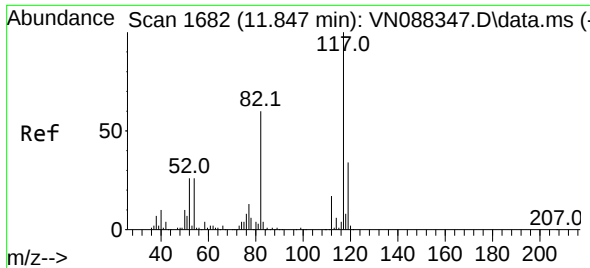
Tgt Ion: 98 Resp: 497084
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.228 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

Tgt Ion: 95 Resp: 182162
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.0
176 64.8 0.0 132.4

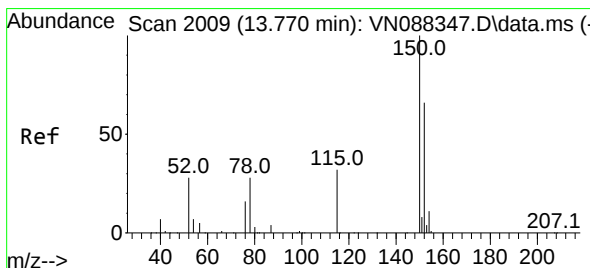
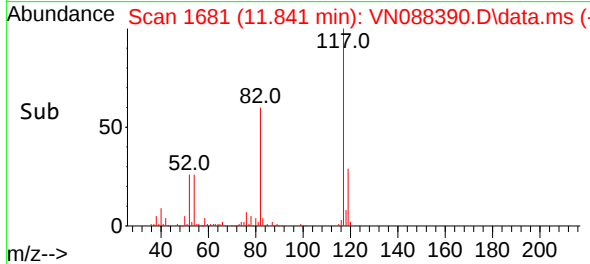
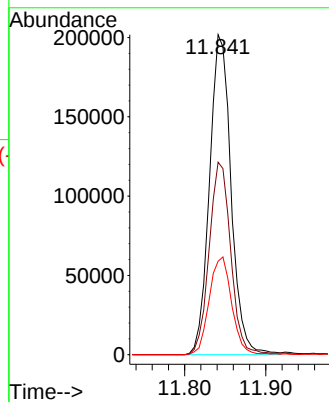
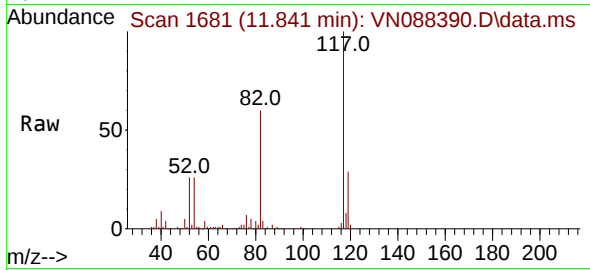




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

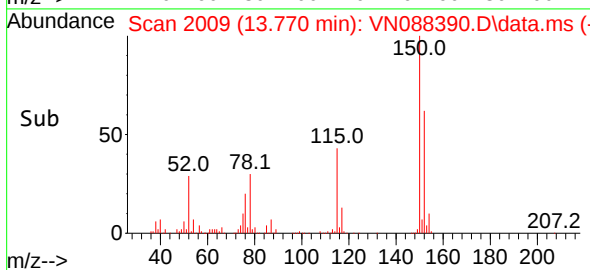
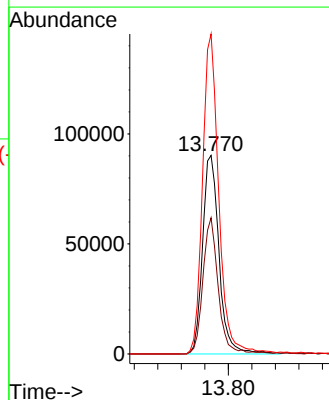
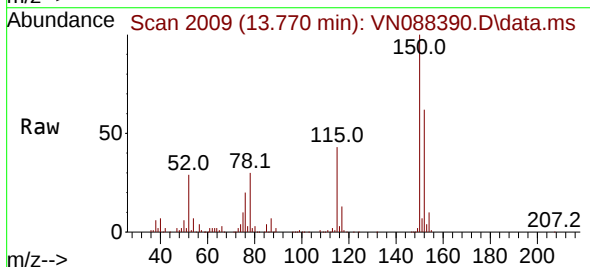
Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 372510
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 29.2 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

Tgt Ion:152 Resp: 175948
Ion Ratio Lower Upper
152 100
115 63.9 33.0 98.9
150 158.2 0.0 349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088390.D
Acq On : 01 Dec 2025 17:39
Operator : JC\MD
Sample : Q3743-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

A

B

C

D

E

F

G

H

I

J

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\82N112425W.M

Title : SW846 8260

Signal : TIC: VN088390.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	1041	1053	1058	rBV	198377	478562	34.38%	6.522%
2	8.206	1058	1063	1075	rVB	257933	574139	41.25%	7.824%
3	8.559	1114	1123	1135	rBV	226331	521824	37.49%	7.111%
4	9.083	1203	1212	1224	rBV	483945	990791	71.18%	13.503%
5	10.547	1452	1461	1472	rBV	741514	1391998	100.00%	18.970%
6	11.841	1673	1681	1694	rBV	677076	1270448	91.27%	17.314%
7	12.829	1836	1849	1861	rBV	472178	913206	65.60%	12.445%
8	13.770	1999	2009	2022	rBV	628243	1196831	85.98%	16.310%

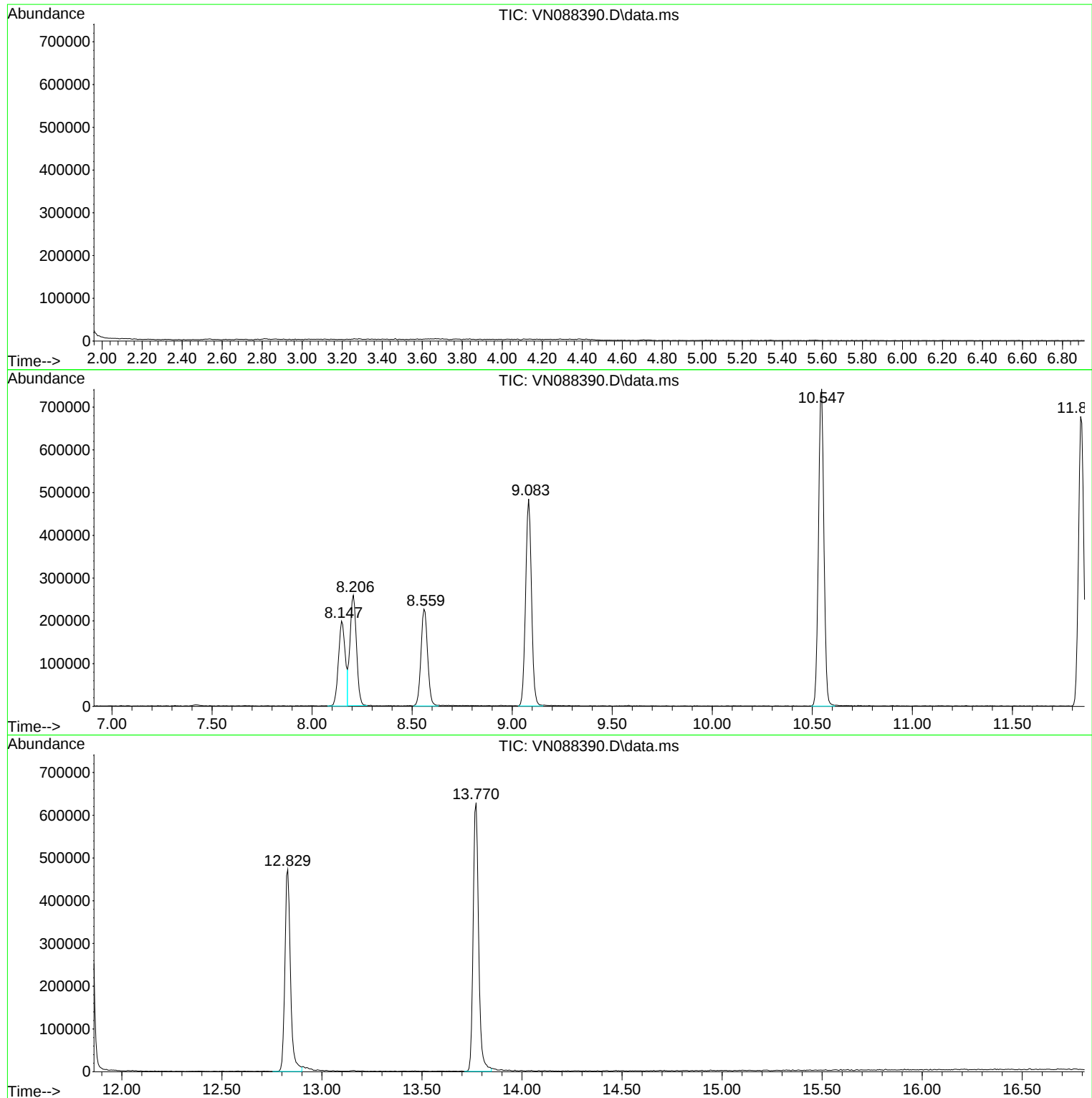
Sum of corrected areas: 7337799

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088390.D
Acq On : 01 Dec 2025 17:39
Operator : JC\MD
Sample : Q3743-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088390.D
Acq On : 01 Dec 2025 17:39
Operator : JC\MD
Sample : Q3743-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088390.D
Acq On : 01 Dec 2025 17:39
Operator : JC\MD
Sample : Q3743-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
------------------	----	---------	-------	----------	---	----	------	------

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 02 00:09:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	188076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	435319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	418422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	198799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	204928	57.841	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.680%
35) Dibromofluoromethane	8.147	113	157356	52.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.320%
50) Toluene-d8	10.541	98	561082	49.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.829	95	201912	52.426	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.860%

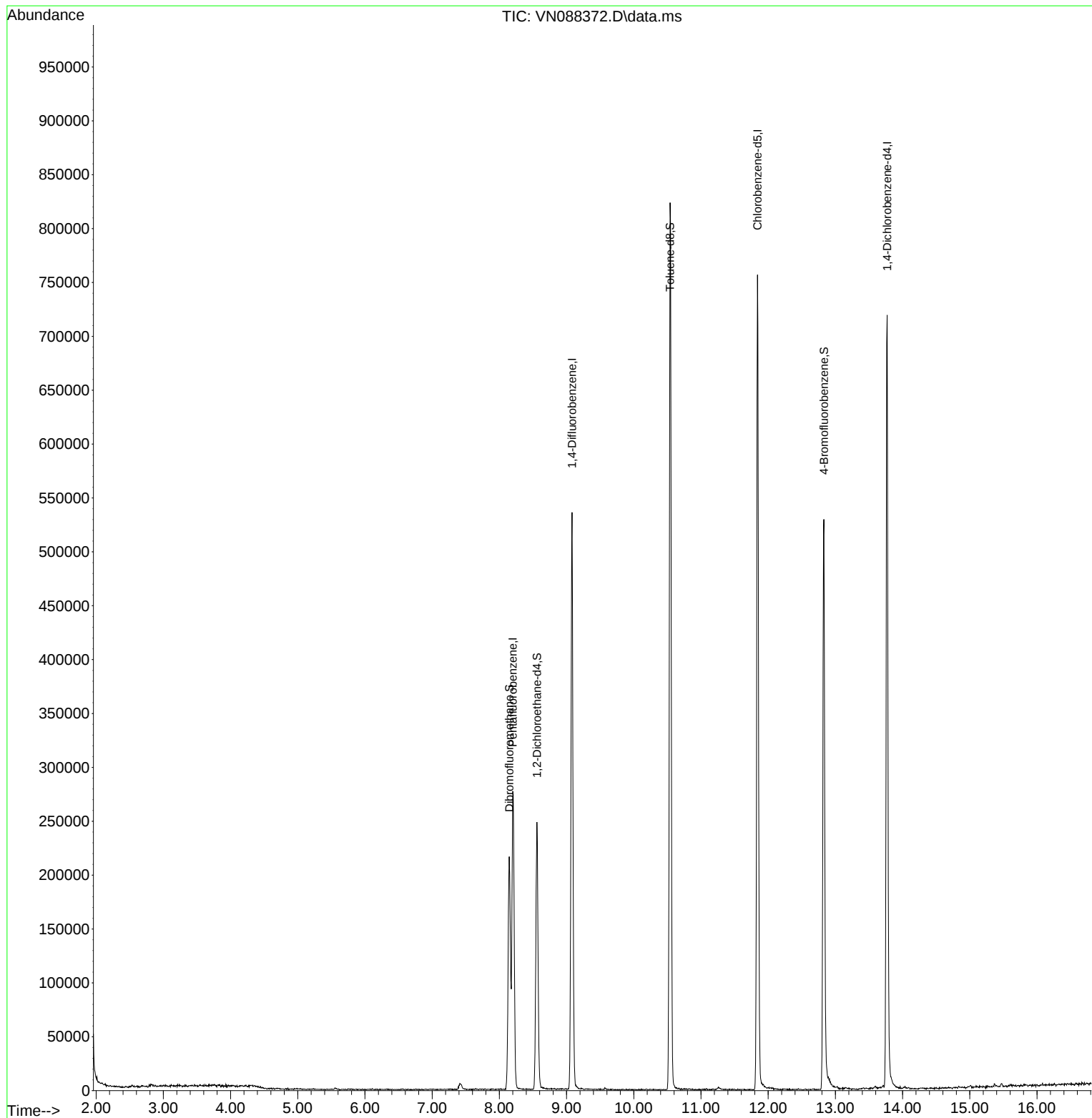
Target Compounds	Qvalue

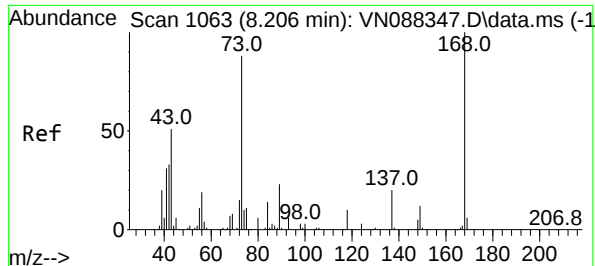
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Time: Dec 02 00:09:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

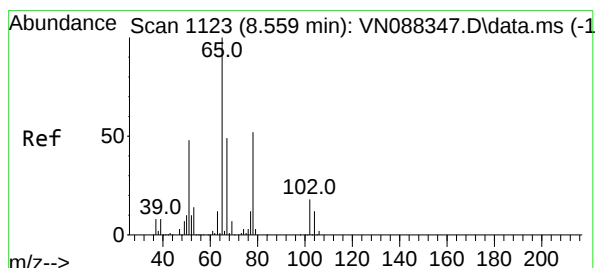
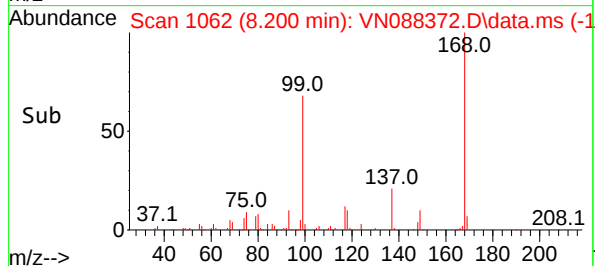
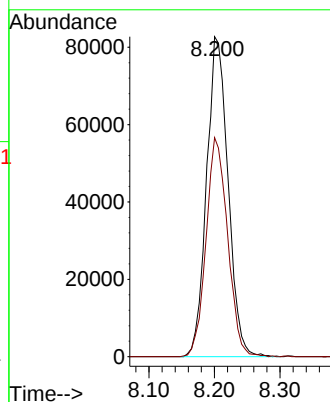
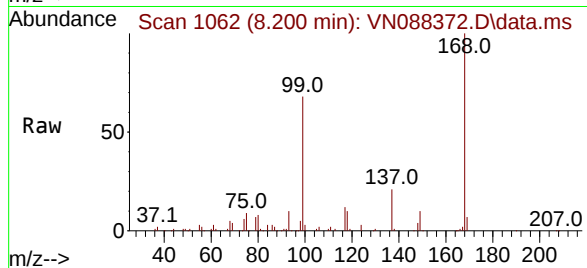




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

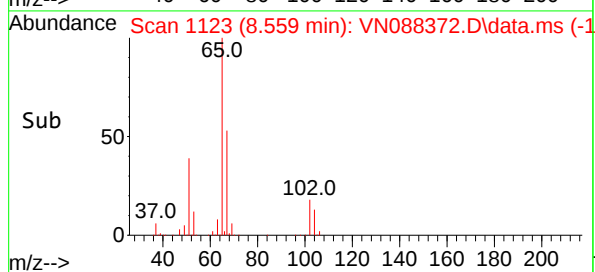
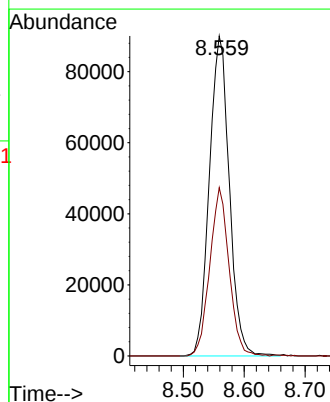
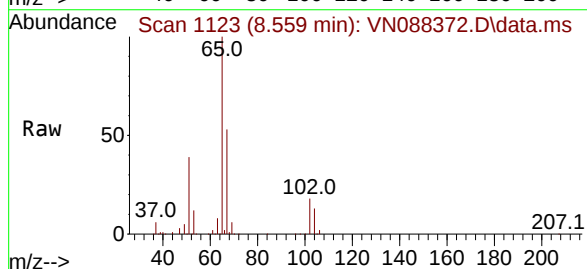
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

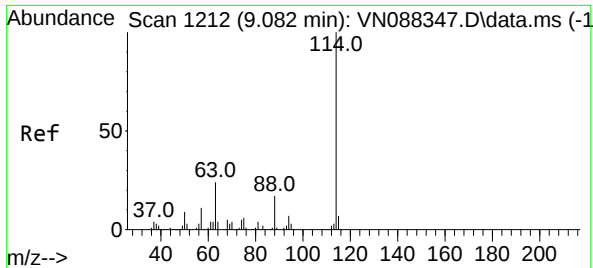
Tgt Ion:168 Resp: 188076
Ion Ratio Lower Upper
168 100
99 68.5 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 57.841 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion: 65 Resp: 204928
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088372.D

Acq: 01 Dec 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBL01

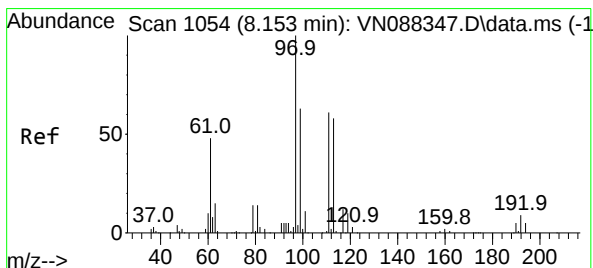
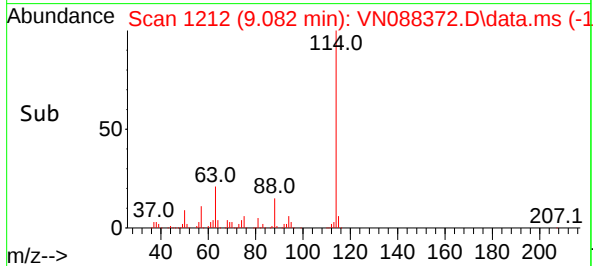
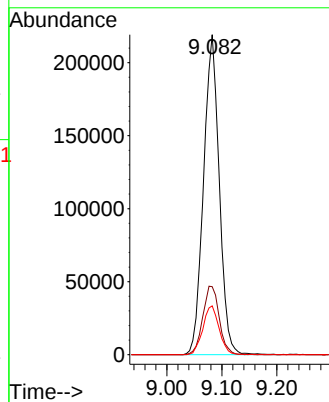
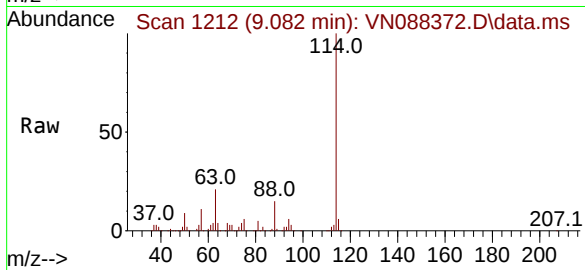
Tgt Ion:114 Resp: 435319

Ion Ratio Lower Upper

114 100

63 21.3 0.0 49.0

88 15.3 0.0 34.0



#35

Dibromofluoromethane

Concen: 52.161 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088372.D

Acq: 01 Dec 2025 10:53

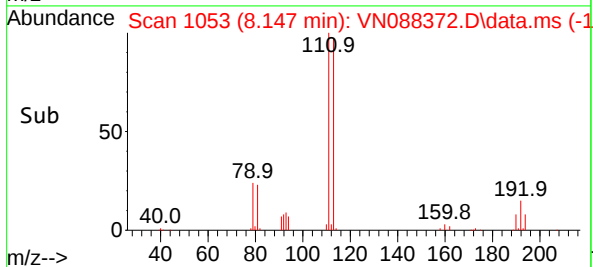
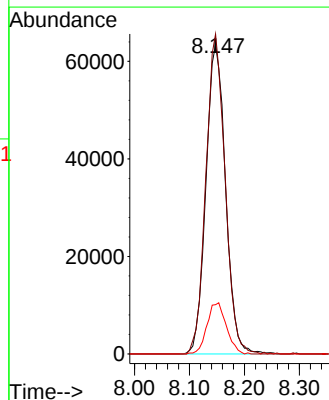
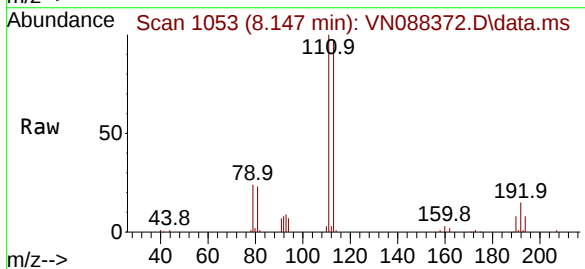
Tgt Ion:113 Resp: 157356

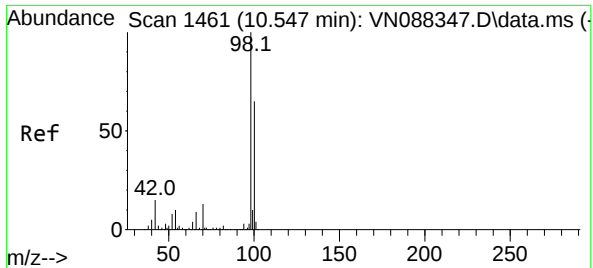
Ion Ratio Lower Upper

113 100

111 101.1 82.5 123.7

192 16.3 12.8 19.2

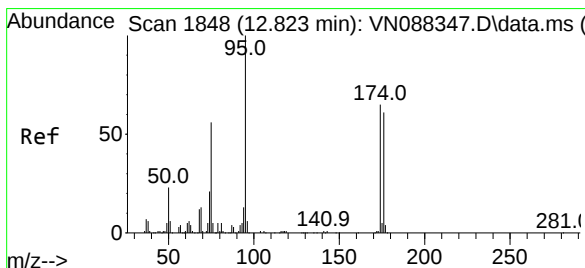
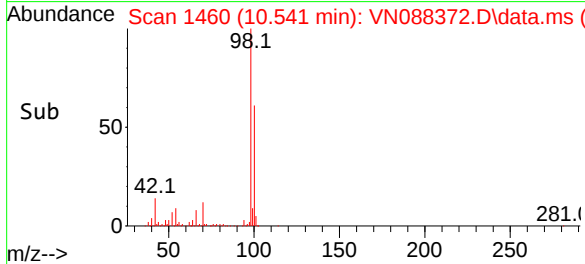
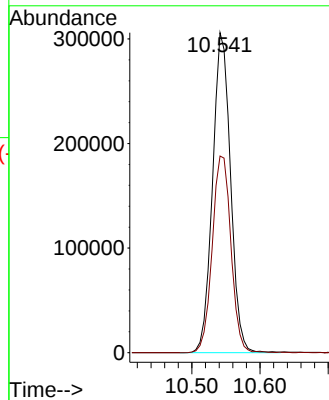
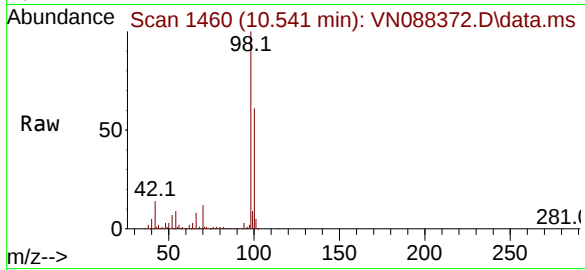




#50
Toluene-d8
Concen: 49.987 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

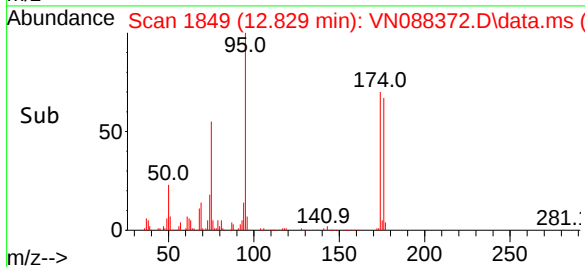
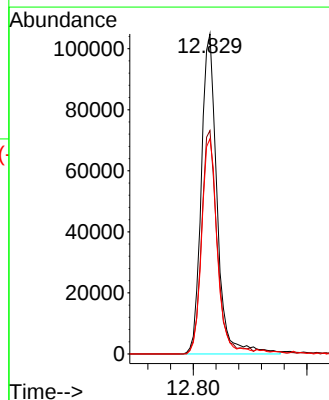
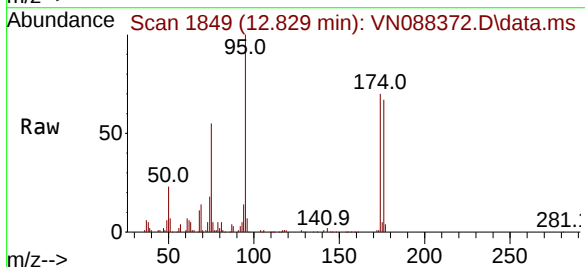
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

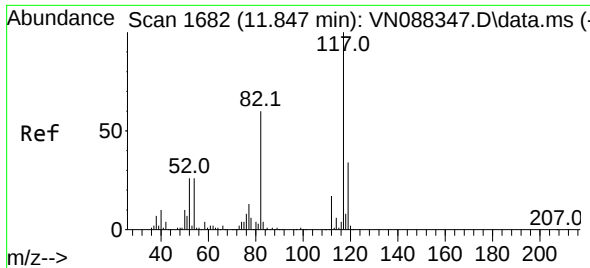
Tgt Ion: 98 Resp: 561082
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.426 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion: 95 Resp: 201912
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.0
176 67.0 0.0 132.4

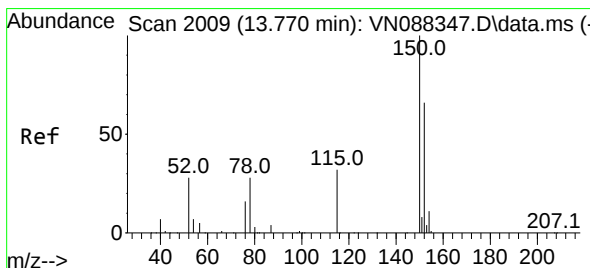
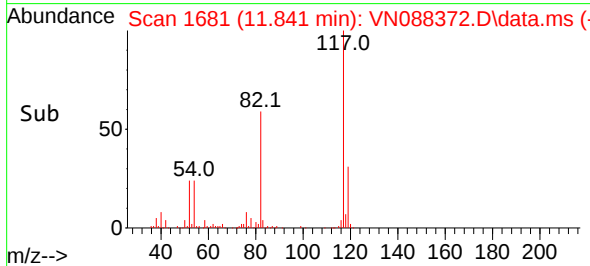
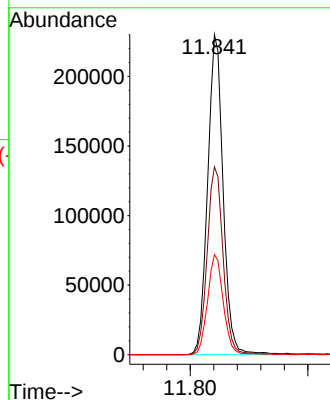
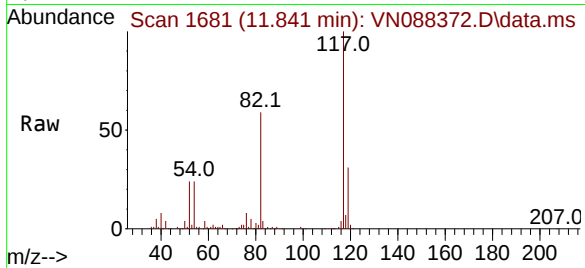




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

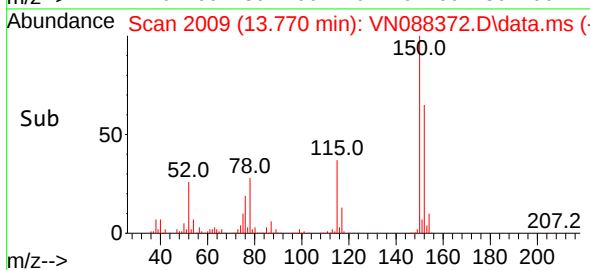
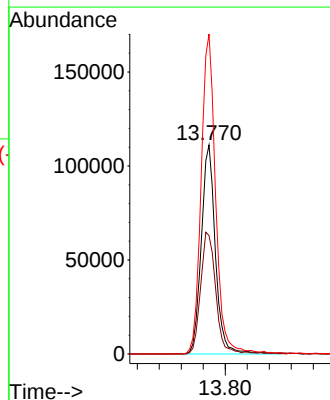
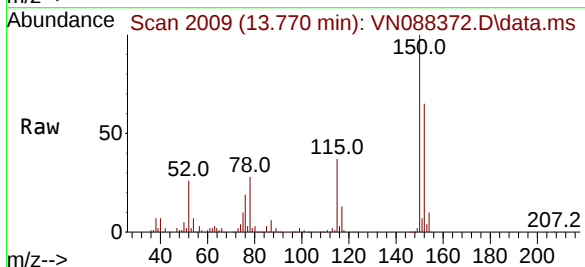
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	31.3	26.9	40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	33.0	98.9
150	156.8	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

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\82N112425W.M

Title : SW846 8260

Signal : TIC: VN088372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.412	921	928	937	rBV3	5682	16399	1.06%	0.202%
2	8.147	1042	1053	1058	rBV2	216362	540527	34.79%	6.646%
3	8.200	1058	1062	1077	rVB	276320	627960	40.42%	7.721%
4	8.559	1114	1123	1133	rBV	247884	561166	36.12%	6.900%
5	9.082	1203	1212	1228	rBV	535181	1099272	70.76%	13.516%
6	10.541	1452	1460	1475	rBV	822937	1553554	100.00%	19.101%
7	11.841	1672	1681	1694	rBV	756205	1399467	90.08%	17.207%
8	12.829	1841	1849	1859	rBV	529059	1004686	64.67%	12.353%
9	13.770	2001	2009	2027	rBV	716850	1330258	85.63%	16.356%

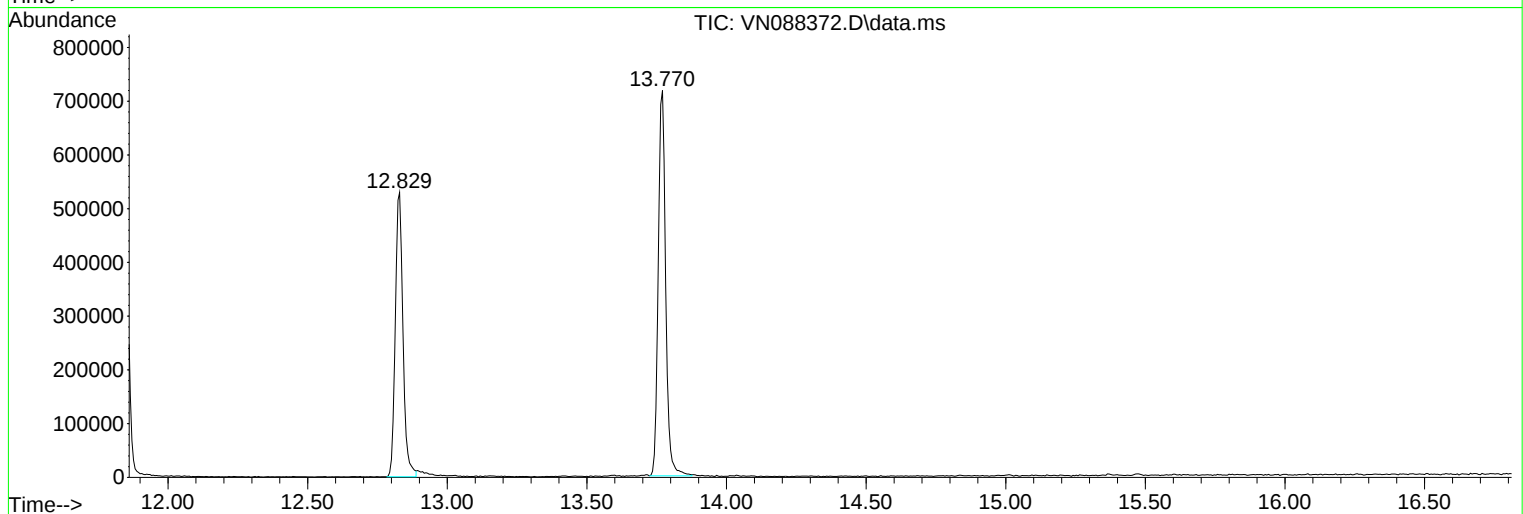
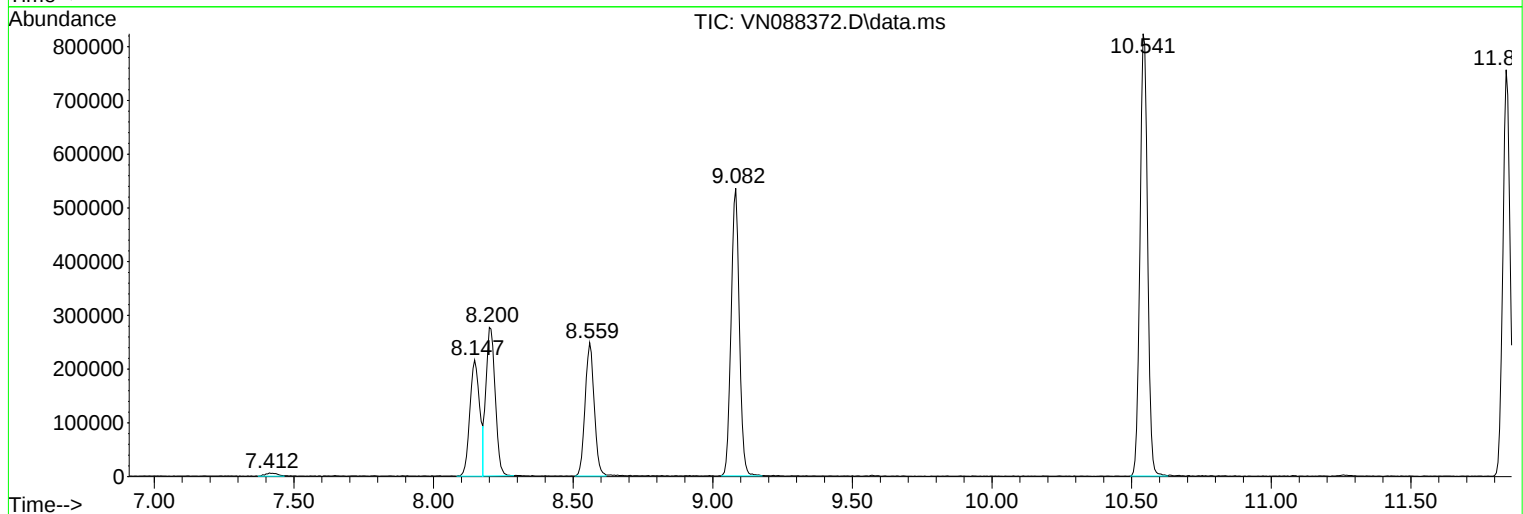
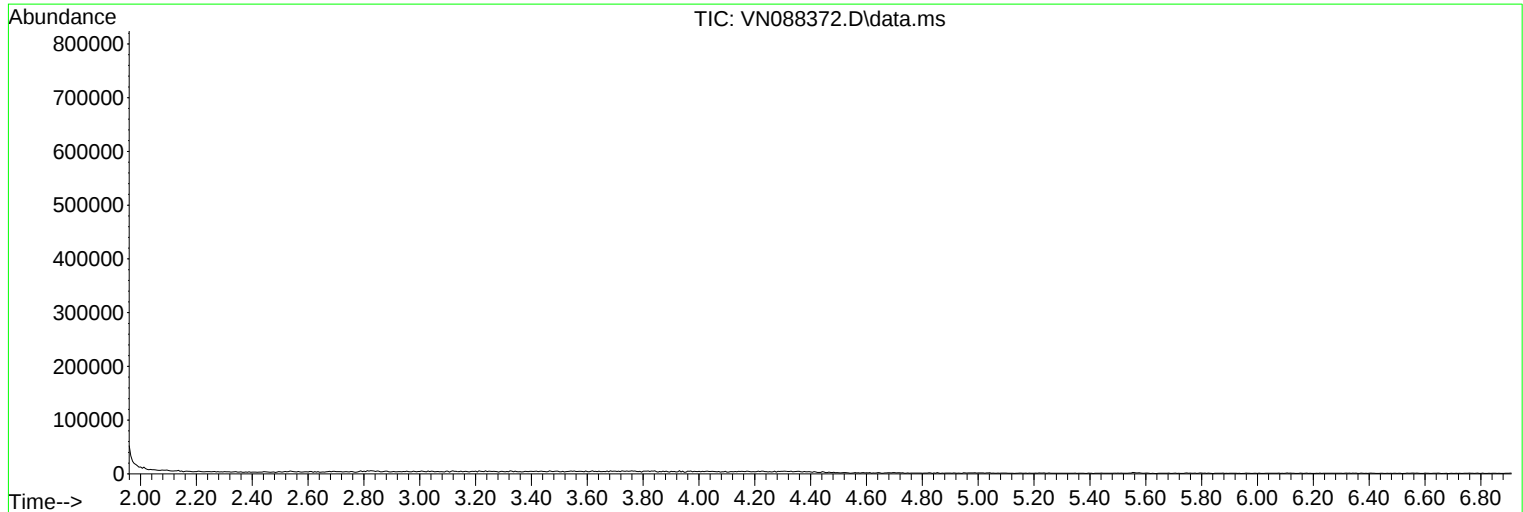
Sum of corrected areas: 8133289

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

A

B

C

D

E

F

G

H

I

J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088373.D
 Acq On : 01 Dec 2025 11:27
 Operator : JC\MD
 Sample : VN1201WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:10:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	256678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	487472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	435019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	207303	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	271013	56.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.100%	
35) Dibromofluoromethane	8.147	113	186190	55.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.240%	
50) Toluene-d8	10.541	98	690335	54.922	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.829	95	230018	53.334	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.660%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	70210	18.211	ug/l	99
3) Chloromethane	2.383	50	80214	19.372	ug/l	94
4) Vinyl Chloride	2.536	62	79487	18.870	ug/l	99
5) Bromomethane	2.989	94	39940	19.700	ug/l	96
6) Chloroethane	3.142	64	50911	19.530	ug/l	99
7) Trichlorofluoromethane	3.512	101	109953	18.572	ug/l	94
8) Diethyl Ether	3.965	74	43004	19.352	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	58508	18.563	ug/l	97
10) Methyl Iodide	4.583	142	59901	19.198	ug/l	98
11) Tert butyl alcohol	5.512	59	67525	87.469	ug/l	97
12) 1,1-Dichloroethene	4.336	96	59547	19.015	ug/l	87
13) Acrolein	4.177	56	88765	120.102	ug/l	97
14) Allyl chloride	5.018	41	108153	18.633	ug/l	98
15) Acrylonitrile	5.706	53	218028	97.888	ug/l	98
16) Acetone	4.418	43	153779	87.939	ug/l	94
17) Carbon Disulfide	4.706	76	198994	19.446	ug/l	100
18) Methyl Acetate	5.018	43	99423	19.100	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	233707	19.919	ug/l	100
20) Methylene Chloride	5.271	84	74861	20.009	ug/l	83
21) trans-1,2-Dichloroethene	5.771	96	68123	19.638	ug/l	89
22) Diisopropyl ether	6.653	45	255505	20.619	ug/l	93
23) Vinyl Acetate	6.589	43	1003026m	100.465	ug/l	
24) 1,1-Dichloroethane	6.547	63	139057	19.816	ug/l	100
25) 2-Butanone	7.465	43	269940	96.022	ug/l	97
26) 2,2-Dichloropropane	7.471	77	115800	19.118	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	80954	20.080	ug/l	98
28) Bromochloromethane	7.789	49	67630	19.346	ug/l #	98
29) Tetrahydrofuran	7.818	42	200576	99.471	ug/l	99
30) Chloroform	7.941	83	140173	20.329	ug/l	100
31) Cyclohexane	8.241	56	114116	17.945	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	114251	18.845	ug/l	96
36) 1,1-Dichloropropene	8.353	75	93124	17.862	ug/l	99
37) Ethyl Acetate	7.547	43	129007	18.819	ug/l	100
38) Carbon Tetrachloride	8.341	117	94912	18.287	ug/l	96
39) Methylcyclohexane	9.583	83	95473	17.120	ug/l	97
40) Benzene	8.588	78	296136	19.353	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088373.D
 Acq On : 01 Dec 2025 11:27
 Operator : JC\MD
 Sample : VN1201WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:10:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	63234	18.624	ug/l	98
42) 1,2-Dichloroethane	8.653	62	114468	19.607	ug/l	98
43) Isopropyl Acetate	8.671	43	195071	18.624	ug/l	98
44) Trichloroethene	9.330	130	67826	18.759	ug/l	95
45) 1,2-Dichloropropane	9.600	63	77770	19.837	ug/l	93
46) Dibromomethane	9.688	93	55251	19.747	ug/l	98
47) Bromodichloromethane	9.871	83	111551	19.540	ug/l	92
48) Methyl methacrylate	9.659	41	87729	18.357	ug/l	97
49) 1,4-Dioxane	9.683	88	21595	355.324	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	606997	98.320	ug/l	100
52) Toluene	10.606	92	172323	19.503	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	116655	19.908	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	123675	20.070	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	68939	20.166	ug/l	96
56) Ethyl methacrylate	10.859	69	106640	19.749	ug/l	96
57) 1,3-Dichloropropane	11.141	76	122169	19.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.135	63	278967	89.610	ug/l	97
59) 2-Hexanone	11.177	43	363554	93.479	ug/l	98
60) Dibromochloromethane	11.335	129	78151	20.054	ug/l	97
61) 1,2-Dibromoethane	11.447	107	71254	20.583	ug/l	98
64) Tetrachloroethene	11.082	164	61757	17.907	ug/l	96
65) Chlorobenzene	11.871	112	190129	19.458	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65977	20.020	ug/l	98
67) Ethyl Benzene	11.941	91	316848	18.553	ug/l	99
68) m/p-Xylenes	12.047	106	234320	37.005	ug/l	97
69) o-Xylene	12.376	106	110515	18.307	ug/l	100
70) Styrene	12.388	104	191890	19.577	ug/l	99
71) Bromoform	12.559	173	48189	19.963	ug/l #	99
73) Isopropylbenzene	12.676	105	285585	18.632	ug/l	99
74) N-amyl acetate	12.682	43	103450m	19.818	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	99427	20.065	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	95762m	19.723	ug/l	
77) Bromobenzene	12.959	156	70858	20.205	ug/l	97
78) n-propylbenzene	13.012	91	349255	18.625	ug/l	100
79) 2-Chlorotoluene	13.100	91	213346	18.631	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	239698	18.872	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	31603	18.465	ug/l #	98
82) 4-Chlorotoluene	13.200	91	222136	19.531	ug/l	99
83) tert-Butylbenzene	13.412	119	195850	18.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	244186	19.342	ug/l	99
85) sec-Butylbenzene	13.594	105	282563	18.217	ug/l	100
86) p-Isopropyltoluene	13.706	119	237355	18.661	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	129958	19.036	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	131944	18.451	ug/l	97
89) n-Butylbenzene	14.029	91	220480	17.853	ug/l	100
90) Hexachloroethane	14.306	117	42679	18.368	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	124887	19.439	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	21886	18.204	ug/l	99
93) 1,2,4-Trichlorobenzene	15.365	180	70611	18.498	ug/l	98
94) Hexachlorobutadiene	15.470	225	24611	17.942	ug/l	99
95) Naphthalene	15.612	128	234599	17.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	68004	18.306	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

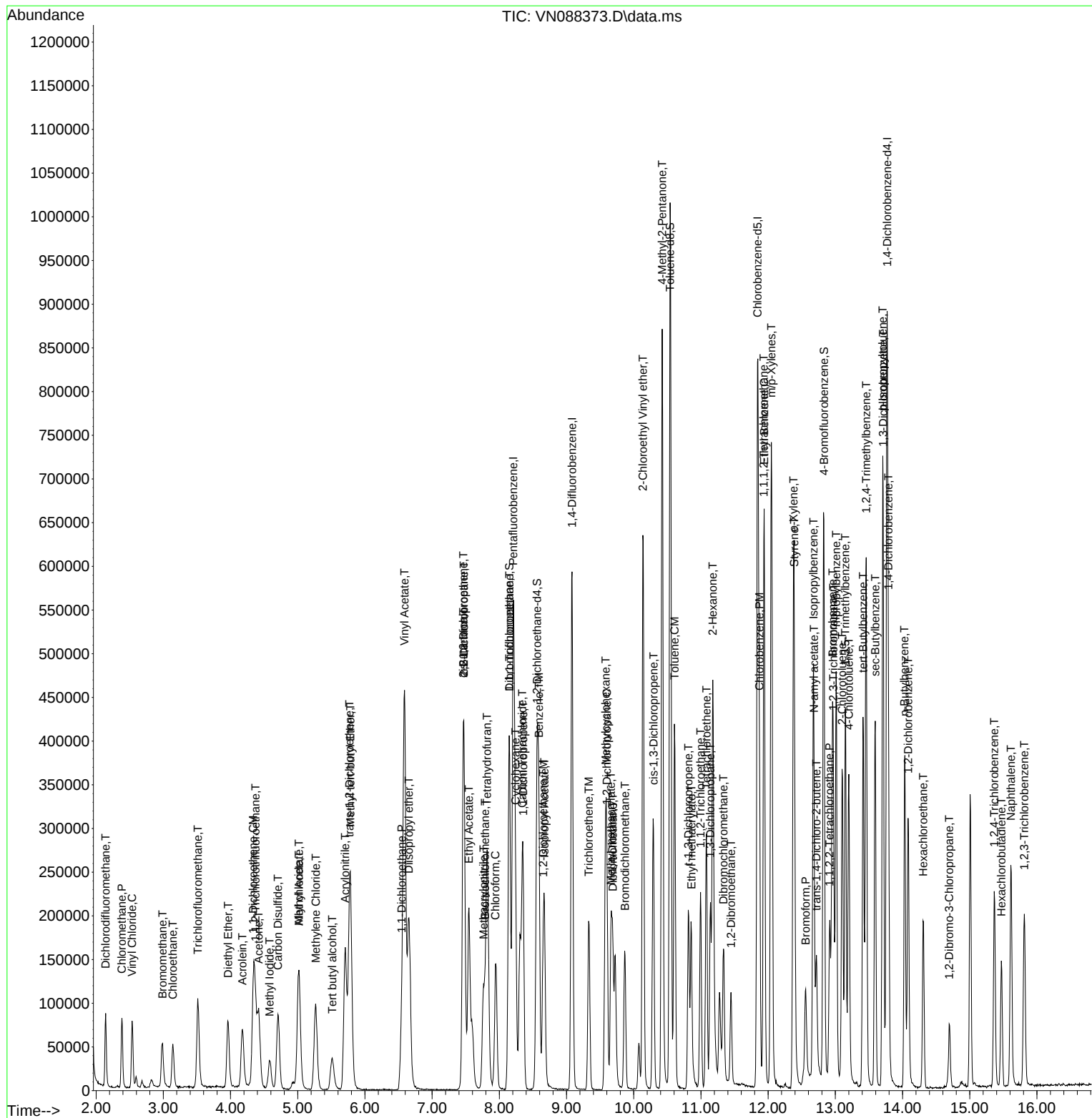
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088374.D
 Acq On : 01 Dec 2025 12:10
 Operator : JC\MD
 Sample : VN1201WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:11:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	257123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	472668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	413438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	196888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	252803	52.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	8.147	113	171251	52.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.541	98	648629	53.220	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.829	95	213607	51.080	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72877	18.870	ug/l	98
3) Chloromethane	2.383	50	80587	19.429	ug/l	94
4) Vinyl Chloride	2.536	62	79060	18.736	ug/l	99
5) Bromomethane	2.989	94	40980	20.178	ug/l	99
6) Chloroethane	3.148	64	50269	19.250	ug/l	90
7) Trichlorofluoromethane	3.512	101	110683	18.663	ug/l	99
8) Diethyl Ether	3.965	74	42809	19.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	58334	18.476	ug/l	98
10) Methyl Iodide	4.583	142	60569	19.379	ug/l	96
11) Tert butyl alcohol	5.512	59	68039	87.983	ug/l #	81
12) 1,1-Dichloroethene	4.347	96	58831	18.754	ug/l	84
13) Acrolein	4.177	56	87619	118.346	ug/l	97
14) Allyl chloride	5.012	41	104505	17.974	ug/l	98
15) Acrylonitrile	5.706	53	213646	95.755	ug/l	98
16) Acetone	4.418	43	152332	86.961	ug/l	98
17) Carbon Disulfide	4.706	76	192813	18.810	ug/l	100
18) Methyl Acetate	5.018	43	99171	19.019	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	228498	19.442	ug/l	95
20) Methylene Chloride	5.259	84	75693	20.196	ug/l	83
21) trans-1,2-Dichloroethene	5.771	96	68139	19.608	ug/l	92
22) Diisopropyl ether	6.653	45	244953	19.733	ug/l	96
23) Vinyl Acetate	6.588	43	972820m	97.271	ug/l	
24) 1,1-Dichloroethane	6.553	63	134006	19.063	ug/l	95
25) 2-Butanone	7.465	43	270811	96.165	ug/l	97
26) 2,2-Dichloropropane	7.477	77	112288	18.506	ug/l	95
27) cis-1,2-Dichloroethene	7.465	96	78314	19.392	ug/l	96
28) Bromochloromethane	7.794	49	64631	18.456	ug/l	99
29) Tetrahydrofuran	7.824	42	193749	95.919	ug/l	99
30) Chloroform	7.947	83	135282	19.585	ug/l	96
31) Cyclohexane	8.235	56	117687	18.475	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	115347	18.992	ug/l	95
36) 1,1-Dichloropropene	8.353	75	89956	17.794	ug/l	98
37) Ethyl Acetate	7.547	43	123427	18.569	ug/l	98
38) Carbon Tetrachloride	8.347	117	94617	18.801	ug/l	96
39) Methylcyclohexane	9.576	83	99985	18.491	ug/l	93
40) Benzene	8.588	78	284116	19.149	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088374.D
 Acq On : 01 Dec 2025 12:10
 Operator : JC\MD
 Sample : VN1201WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:11:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	63105	19.168	ug/l	98
42) 1,2-Dichloroethane	8.647	62	109703	19.380	ug/l	98
43) Isopropyl Acetate	8.671	43	192472	18.952	ug/l	99
44) Trichloroethene	9.329	130	66801	19.054	ug/l	90
45) 1,2-Dichloropropane	9.600	63	72843	19.162	ug/l	100
46) Dibromomethane	9.688	93	54401	20.053	ug/l	98
47) Bromodichloromethane	9.865	83	106876	19.308	ug/l #	93
48) Methyl methacrylate	9.659	41	84615	18.260	ug/l	99
49) 1,4-Dioxane	9.676	88	22017	373.614	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	589357	98.453	ug/l	99
52) Toluene	10.606	92	170024	19.846	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	108520	19.099	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	116758	19.541	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	66233	19.982	ug/l	95
56) Ethyl methacrylate	10.853	69	104863	20.028	ug/l	97
57) 1,3-Dichloropropane	11.141	76	120668	20.179	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	276569	91.622	ug/l	99
59) 2-Hexanone	11.176	43	355826	94.358	ug/l	98
60) Dibromochloromethane	11.335	129	76699	20.298	ug/l	98
61) 1,2-Dibromoethane	11.447	107	66826	19.909	ug/l	97
64) Tetrachloroethene	11.076	164	62208	18.980	ug/l	95
65) Chlorobenzene	11.870	112	183680	19.779	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	61851	19.747	ug/l	99
67) Ethyl Benzene	11.941	91	306102	18.859	ug/l	97
68) m/p-Xylenes	12.053	106	227659	37.830	ug/l	99
69) o-Xylene	12.376	106	109896	19.155	ug/l	95
70) Styrene	12.388	104	181083	19.438	ug/l	99
71) Bromoform	12.559	173	46125	20.106	ug/l #	99
73) Isopropylbenzene	12.670	105	280946	19.299	ug/l	100
74) N-amyl acetate	12.682	43	97186m	19.603	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	91931	19.534	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	93113m	20.192	ug/l	
77) Bromobenzene	12.959	156	65049	19.529	ug/l	96
78) n-propylbenzene	13.012	91	348515	19.569	ug/l	100
79) 2-Chlorotoluene	13.100	91	204279	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	234071	19.404	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	28199	17.348	ug/l #	96
82) 4-Chlorotoluene	13.200	91	211139	19.546	ug/l	97
83) tert-Butylbenzene	13.412	119	192736	18.795	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	235984	19.682	ug/l	100
85) sec-Butylbenzene	13.594	105	283289	19.230	ug/l	100
86) p-Isopropyltoluene	13.706	119	228290	18.898	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	126657	19.534	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	129333	19.042	ug/l	98
89) n-Butylbenzene	14.029	91	219415	18.707	ug/l	99
90) Hexachloroethane	14.306	117	41810	18.946	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	115702	18.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21103	18.481	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	65316	18.016	ug/l	95
94) Hexachlorobutadiene	15.470	225	24556	18.849	ug/l	94
95) Naphthalene	15.611	128	231154	18.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	67438	19.114	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

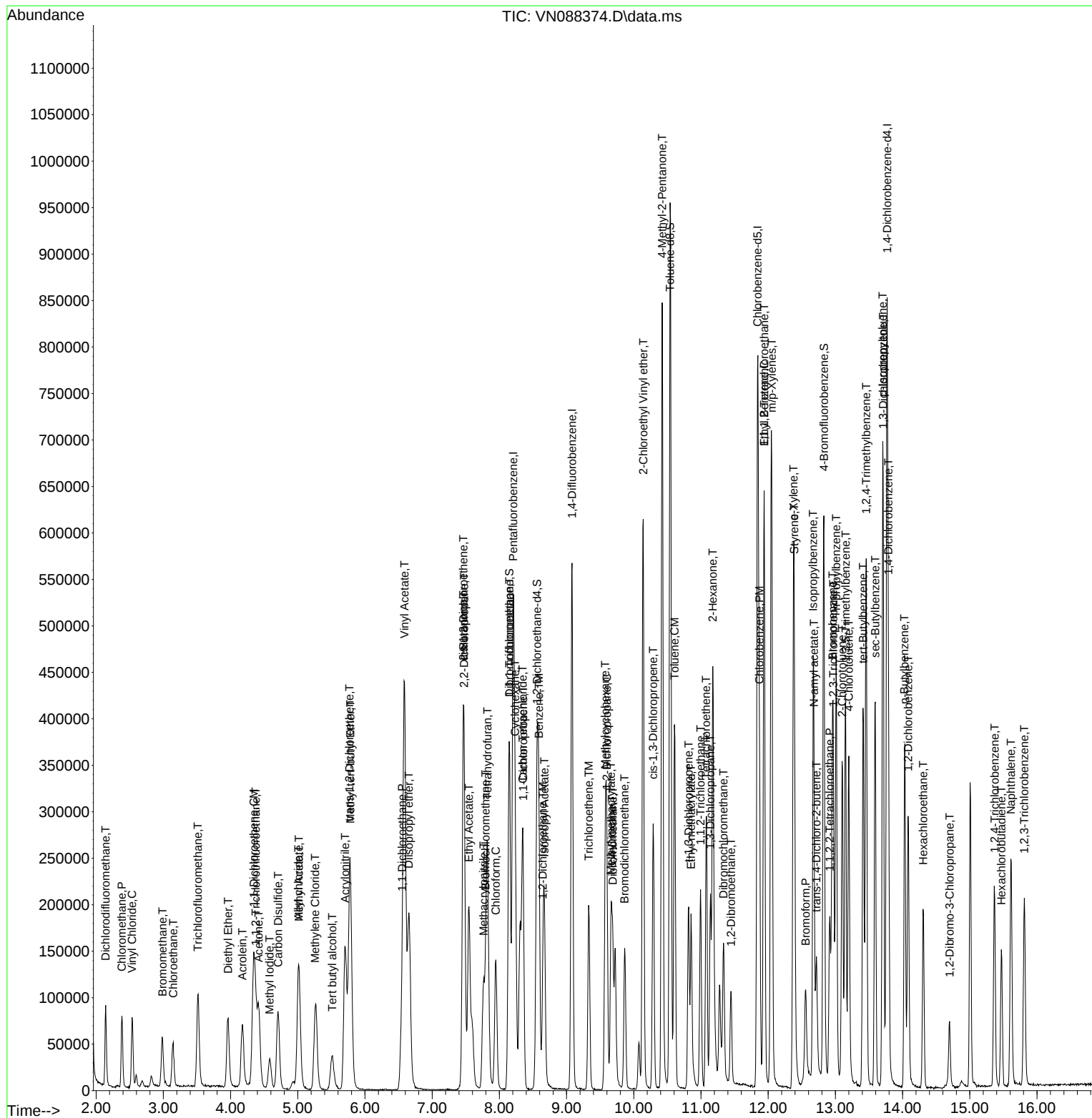
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



Manual Integration Report

Sequence:	VN112425	Instrument	MSVOA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN088344.D	1,1-Dichloroethene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	1,4-Dichlorobenzene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	2-Hexanone	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	cis-1,2-Dichloroethene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	Diisopropyl ether	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC005	VN088345.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:00 AM	MMDadoda	11/26/2025 1:51:51 PM	Peak Integrated by Software
VSTDICC005	VN088345.D	Vinyl Acetate	JOHN	11/25/2025 9:36:00 AM	MMDadoda	11/26/2025 1:51:51 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	N-amyl acetate	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	Vinyl Acetate	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICCC050	VN088347.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:10 AM	MMDadoda	11/26/2025 1:51:58 PM	Peak Integrated by Software
VSTDICCC050	VN088347.D	Vinyl Acetate	JOHN	11/25/2025 9:36:10 AM	MMDadoda	11/26/2025 1:51:58 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	VN112425	Instrument	MSVOA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN088348.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC100	VN088348.D	Allyl chloride	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC100	VN088348.D	Vinyl Acetate	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	Allyl chloride	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	Vinyl Acetate	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	N-amyl acetate	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	Vinyl Acetate	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	VN120125	Instrument	MSVOA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088370.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VSTDCCC050	VN088370.D	Methacrylonitrile	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VSTDCCC050	VN088370.D	N-amyl acetate	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VSTDCCC050	VN088370.D	Vinyl Acetate	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VN1201WBS01	VN088373.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:05 AM	MMDadoda	12/2/2025 1:11:32 PM	Peak Integrated by Software
VN1201WBS01	VN088373.D	N-amyl acetate	JOHN	12/2/2025 7:49:05 AM	MMDadoda	12/2/2025 1:11:32 PM	Peak Integrated by Software
VN1201WBS01	VN088373.D	Vinyl Acetate	JOHN	12/2/2025 7:49:05 AM	MMDadoda	12/2/2025 1:11:32 PM	Peak Integrated by Software
VN1201WBSD01	VN088374.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:10 AM	MMDadoda	12/2/2025 1:11:38 PM	Peak Integrated by Software
VN1201WBSD01	VN088374.D	N-amyl acetate	JOHN	12/2/2025 7:49:10 AM	MMDadoda	12/2/2025 1:11:38 PM	Peak Integrated by Software
VN1201WBSD01	VN088374.D	Vinyl Acetate	JOHN	12/2/2025 7:49:10 AM	MMDadoda	12/2/2025 1:11:38 PM	Peak Integrated by Software
VSTDCCC050	VN088394.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:42 AM	MMDadoda	12/2/2025 1:12:07 PM	Peak Integrated by Software
VSTDCCC050	VN088394.D	N-amyl acetate	JOHN	12/2/2025 7:49:42 AM	MMDadoda	12/2/2025 1:12:07 PM	Peak Integrated by Software
VSTDCCC050	VN088394.D	Vinyl Acetate	JOHN	12/2/2025 7:49:42 AM	MMDadoda	12/2/2025 1:12:07 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VN120125

Instrument

MSVOA_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # VN112425

Review By	John Carlone	Review On	11/25/2025 9:36:43 AM		
Supervise By	Maresh Dadoda	Supervise On	11/26/2025 1:52:19 PM		
SubDirectory	VN112425	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M
STD. NAME		STD REF.#			
Tune/Reschk		VP136378			
Initial Calibration Stds		VP136444,VP136445,VP136446,VP136447,VP136448,VP136449			
CCC					
Internal Standard/PEM					
ICV/I.BLK		VP136450			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088343.D	24 Nov 2025 08:17	JC\MD	Ok
2	VSTDIC001	VN088344.D	24 Nov 2025 12:38	JC\MD	Ok,M
3	VSTDIC005	VN088345.D	24 Nov 2025 13:11	JC\MD	Ok,M
4	VSTDIC020	VN088346.D	24 Nov 2025 13:32	JC\MD	Ok,M
5	VSTDIC050	VN088347.D	24 Nov 2025 13:53	JC\MD	Ok,M
6	VSTDIC100	VN088348.D	24 Nov 2025 14:14	JC\MD	Ok,M
7	VSTDIC150	VN088349.D	24 Nov 2025 14:35	JC\MD	Ok,M
8	IBLK	VN088350.D	24 Nov 2025 14:56	JC\MD	Ok
9	VSTDICV050	VN088351.D	24 Nov 2025 15:18	JC\MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM		
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM		
SubDirectory	VN120125	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136451			
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		VP136452,VP136453			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088369.D	01 Dec 2025 08:49	JC\MD	Ok
2	VSTDCCC050	VN088370.D	01 Dec 2025 09:58	JC\MD	Ok,M
3	VN1201MBL01	VN088371.D	01 Dec 2025 10:33	JC\MD	Ok
4	VN1201WBL01	VN088372.D	01 Dec 2025 10:53	JC\MD	Ok
5	VN1201WBS01	VN088373.D	01 Dec 2025 11:27	JC\MD	Ok,M
6	VN1201WBSD01	VN088374.D	01 Dec 2025 12:10	JC\MD	Ok,M
7	Q3715-02	VN088375.D	01 Dec 2025 12:30	JC\MD	Ok,M
8	Q3741-07	VN088376.D	01 Dec 2025 12:51	JC\MD	Ok
9	Q3716-01	VN088377.D	01 Dec 2025 13:11	JC\MD	Dilution
10	Q3716-03	VN088378.D	01 Dec 2025 13:32	JC\MD	Not Ok
11	Q3716-04	VN088379.D	01 Dec 2025 13:52	JC\MD	Dilution
12	Q3715-01	VN088380.D	01 Dec 2025 14:13	JC\MD	ReRun
13	Q3716-02	VN088381.D	01 Dec 2025 14:33	JC\MD	Ok
14	Q3738-01	VN088382.D	01 Dec 2025 14:54	JC\MD	Not Ok
15	Q3738-03	VN088383.D	01 Dec 2025 15:15	JC\MD	Ok
16	Q3738-02	VN088384.D	01 Dec 2025 15:35	JC\MD	Ok,M
17	Q3745-01	VN088385.D	01 Dec 2025 15:56	JC\MD	ReRun
18	Q3745-02	VN088386.D	01 Dec 2025 16:16	JC\MD	Ok
19	Q3745-03	VN088387.D	01 Dec 2025 16:37	JC\MD	Ok
20	Q3745-04	VN088388.D	01 Dec 2025 16:58	JC\MD	Ok
21	Q3743-03	VN088389.D	01 Dec 2025 17:18	JC\MD	Ok

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM		
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM		
SubDirectory	VN120125	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136451			
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		VP136452,VP136453			

22	Q3743-04	VN088390.D	01 Dec 2025 17:39	JC\MD	Ok
23	Q3743-05	VN088391.D	01 Dec 2025 18:00	JC\MD	Not Ok
24	Q3743-01	VN088392.D	01 Dec 2025 18:20	JC\MD	Ok
25	Q3743-02	VN088393.D	01 Dec 2025 18:41	JC\MD	Ok
26	VSTDCCC050	VN088394.D	01 Dec 2025 19:01	JC\MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN112425

Review By	John Carlone	Review On	11/25/2025 9:36:43 AM
Supervise By	Maresh Dadoda	Supervise On	11/26/2025 1:52:19 PM
SubDirectory	VN112425	HP Acquire Method	MSVOA_N HP Processing Method 82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136378
Initial Calibration Stds	VP136444,VP136445,VP136446,VP136447,VP136448,VP136449
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136450
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampled	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088343.D	24 Nov 2025 08:17		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN088344.D	24 Nov 2025 12:38		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN088345.D	24 Nov 2025 13:11	COM.#74 Peak not detected in 1 and 5 PPB	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN088346.D	24 Nov 2025 13:32		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN088347.D	24 Nov 2025 13:53	Method failed for Comp. #74	JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN088348.D	24 Nov 2025 14:14		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN088349.D	24 Nov 2025 14:35		JC\MD	Ok,M
8	IBLK	IBLK	VN088350.D	24 Nov 2025 14:56		JC\MD	Ok
9	VSTDICV050	ICVVN112425	VN088351.D	24 Nov 2025 15:18		JC\MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM
SubDirectory	VN120125	HP Acquire Method	MSVOA_N HP Processing Method 82N112425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136451		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136452,VP136453		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088369.D	01 Dec 2025 08:49		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN088370.D	01 Dec 2025 09:58	pH#Lot#V12668	JC\MD	Ok,M
3	VN1201MBL01	VN1201MBL01	VN088371.D	01 Dec 2025 10:33		JC\MD	Ok
4	VN1201WBL01	VN1201WBL01	VN088372.D	01 Dec 2025 10:53		JC\MD	Ok
5	VN1201WBS01	VN1201WBS01	VN088373.D	01 Dec 2025 11:27		JC\MD	Ok,M
6	VN1201WBSD01	VN1201WBSD01	VN088374.D	01 Dec 2025 12:10		JC\MD	Ok,M
7	Q3715-02	MW6	VN088375.D	01 Dec 2025 12:30	vial A pH<2	JC\MD	Ok,M
8	Q3741-07	TB-1	VN088376.D	01 Dec 2025 12:51	vial A pH<2 TB	JC\MD	Ok
9	Q3716-01	MW5	VN088377.D	01 Dec 2025 13:11	vial A pH<2 Need 20X	JC\MD	Dilution
10	Q3716-03	MW4	VN088378.D	01 Dec 2025 13:32	Need Straight Run	JC\MD	Not Ok
11	Q3716-04	MW7	VN088379.D	01 Dec 2025 13:52	Need 200X	JC\MD	Dilution
12	Q3715-01	MW2	VN088380.D	01 Dec 2025 14:13	E flag of previous sample	JC\MD	ReRun
13	Q3716-02	MW3	VN088381.D	01 Dec 2025 14:33	vial A pH<2	JC\MD	Ok
14	Q3738-01	MW4	VN088382.D	01 Dec 2025 14:54	Run @ Lower Dilution	JC\MD	Not Ok
15	Q3738-03	Field	VN088383.D	01 Dec 2025 15:15	vial A pH<2 FB	JC\MD	Ok
16	Q3738-02	MW5	VN088384.D	01 Dec 2025 15:35	vial A pH<2	JC\MD	Ok,M
17	Q3745-01	STORAGE-BLANK-SO	VN088385.D	01 Dec 2025 15:56	vial A pH<2 Tics Contamination	JC\MD	ReRun
18	Q3745-02	STORAGE-BLANK-WA	VN088386.D	01 Dec 2025 16:16	vial A pH<2	JC\MD	Ok

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM		
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM		
SubDirectory	VN120125	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	VP136451				
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136452,VP136453				

19	Q3745-03	STORAGE-BLANK-WA	VN088387.D	01 Dec 2025 16:37	vial A pH<2	JC\MD	Ok
20	Q3745-04	STORAGE-BLANK-SAM	VN088388.D	01 Dec 2025 16:58	vial A pH<2	JC\MD	Ok
21	Q3743-03	TB	VN088389.D	01 Dec 2025 17:18	vial A pH<2 TB	JC\MD	Ok
22	Q3743-04	TB	VN088390.D	01 Dec 2025 17:39	vial A pH<2 TB	JC\MD	Ok
23	Q3743-05	TB	VN088391.D	01 Dec 2025 18:00	SIM Method on login	JC\MD	Not Ok
24	Q3743-01	TW-1125-1	VN088392.D	01 Dec 2025 18:20	vial A pH<2	JC\MD	Ok
25	Q3743-02	TW-1125-2	VN088393.D	01 Dec 2025 18:41	vial A pH<2	JC\MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VN088394.D	01 Dec 2025 19:01		JC\MD	Ok,M

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3743	OrderDate:	12/1/2025 9:45:00 AM
Client:	Remington & Vernick	Project:	Saddler Property
Contact:	Justin Zarzecki	Location:	A12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3743-01	TW-1125-1	Water	VOC-SIM	SFAM_VOCSI M	11/26/25		12/03/25	11/26/25
			VOC-TCLVOA-10	8260-Low			12/01/25	
Q3743-02	TW-1125-2	Water	VOC-SIM	SFAM_VOCSI M	11/26/25		12/03/25	11/26/25
			VOC-TCLVOA-10	8260-Low			12/01/25	
Q3743-03	TB	Water	VOC-SIM	SFAM_VOCSI M	11/26/25		12/03/25	11/26/25
			VOC-TCLVOA-10	8260-Low			12/01/25	
Q3743-04	TB	Water	VOC-SIM	SFAM_VOCSI M	11/26/25		12/03/25	11/26/25
			VOC-TCLVOA-10	8260-Low			12/01/25	
Q3743-05	TB	Water	VOC-SIM	SFAM_VOCSI M	11/26/25		12/03/25	11/26/25
			VOC-TCLVOA-10	8260-Low			12/01/25	