

Hit Summary Sheet
SW-846

SDG No.: Q3787

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW-15B-42.5-120425							
Q3787-01	MW-15B-42.5-1204	Water	Vinyl Chloride	1.30		0.26	1.00	ug/L
Q3787-01	MW-15B-42.5-1204	Water	cis-1,2-Dichloroethene	3.30		0.19	1.00	ug/L
Q3787-01	MW-15B-42.5-1204	Water	Trichloroethene	6.20		0.090	1.00	ug/L
			Total Voc :		10.8			
			Total Concentration:		10.8			



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: MW-15B-42.5-120425
 Lab Sample ID: Q3787-01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 12/04/25
 Date Received: 12/04/25
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	1.30		1	0.26	1.00	ug/L	12/08/25 13:14	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 13:14	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 13:14	VX120825
156-59-2	cis-1,2-Dichloroethene	3.30		1	0.19	1.00	ug/L	12/08/25 13:14	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 13:14	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 13:14	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 13:14	VX120825
79-01-6	Trichloroethene	6.20		1	0.090	1.00	ug/L	12/08/25 13:14	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 13:14	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 13:14	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.2			70 (74) - 130 (125)	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.0			70 (75) - 130 (124)	110%	SPK: 50		
2037-26-5	Toluene-d8	55.3			70 (86) - 130 (113)	111%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.9			70 (77) - 130 (121)	118%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	121000							
540-36-3	1,4-Difluorobenzene	219000							
3114-55-4	Chlorobenzene-d5	322000							
3855-82-1	1,4-Dichlorobenzene-d4	129000							

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: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: OWBR-02-170-120425
 Lab Sample ID: Q3787-07
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 12/04/25
 Date Received: 12/04/25
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/08/25 14:16	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:16	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:16	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 14:16	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 14:16	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 14:16	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 14:16	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 14:16	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 14:16	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:16	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.0			70 (74) - 130 (125)	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	70.9	*		70 (75) - 130 (124)	142%	SPK: 50		
2037-26-5	Toluene-d8	48.9			70 (86) - 130 (113)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	92.8	*		70 (77) - 130 (121)	186%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	152000							
540-36-3	1,4-Difluorobenzene	235000							
3114-55-4	Chlorobenzene-d5	354000							
3855-82-1	1,4-Dichlorobenzene-d4	192000							

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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OWBR-02-170-120425RE
Lab Sample ID: Q3787-07RE
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 13:49	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 13:49	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 13:49	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 13:49	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 13:49	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 13:49	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 13:49	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 13:49	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 13:49	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 13:49	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.1			70 (74) - 130 (125)	120%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.7			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	47.6			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	62.6			70 (77) - 130 (121)	125%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	161000							
540-36-3	1,4-Difluorobenzene	337000							
3114-55-4	Chlorobenzene-d5	372000							
3855-82-1	1,4-Dichlorobenzene-d4	199000							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OWBR-02-170-120425-FD
Lab Sample ID: Q3787-09
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/08/25 14:36	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:36	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:36	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 14:36	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 14:36	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 14:36	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 14:36	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 14:36	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 14:36	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:36	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	71.0	*		70 (74) - 130 (125)	142%	SPK: 50		
1868-53-7	Dibromofluoromethane	67.0	*		70 (75) - 130 (124)	134%	SPK: 50		
2037-26-5	Toluene-d8	47.6			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	85.6	*		70 (77) - 130 (121)	171%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	130000							
540-36-3	1,4-Difluorobenzene	212000							
3114-55-4	Chlorobenzene-d5	232000							
3855-82-1	1,4-Dichlorobenzene-d4	177000							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OWBR-02-170-120425-FDI
Lab Sample ID: Q3787-09RE
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 14:10	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:10	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:10	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 14:10	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 14:10	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 14:10	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 14:10	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 14:10	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 14:10	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:10	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.5			70 (74) - 130 (125)	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.5			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	47.5			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.2			70 (77) - 130 (121)	122%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	151000							
540-36-3	1,4-Difluorobenzene	314000							
3114-55-4	Chlorobenzene-d5	341000							
3855-82-1	1,4-Dichlorobenzene-d4	185000							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OW-03B-51.5-120425
Lab Sample ID: Q3787-11
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/08/25 14:57	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:57	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:57	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 14:57	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 14:57	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 14:57	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 14:57	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 14:57	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 14:57	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 14:57	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	64.1			70 (74) - 130 (125)	128%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			70 (75) - 130 (124)	97%	SPK: 50		
2037-26-5	Toluene-d8	47.5			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	38.6			70 (77) - 130 (121)	77%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	160000							
540-36-3	1,4-Difluorobenzene	344000							
3114-55-4	Chlorobenzene-d5	353000							
3855-82-1	1,4-Dichlorobenzene-d4	128000							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OW-03B-51.5-120425RE
Lab Sample ID: Q3787-11RE
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 14:30	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:30	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:30	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 14:30	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 14:30	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 14:30	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 14:30	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 14:30	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 14:30	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:30	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.4			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.9			70 (75) - 130 (124)	96%	SPK: 50		
2037-26-5	Toluene-d8	47.4			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.9			70 (77) - 130 (121)	122%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	143000							
540-36-3	1,4-Difluorobenzene	299000							
3114-55-4	Chlorobenzene-d5	326000							
3855-82-1	1,4-Dichlorobenzene-d4	173000							

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: OW-03B-51.5-120425-FD
 Lab Sample ID: Q3787-13
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 12/04/25
 Date Received: 12/04/25
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/08/25 15:18	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:18	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:18	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 15:18	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 15:18	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 15:18	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 15:18	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 15:18	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 15:18	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:18	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	70.1	*		70 (74) - 130 (125)	140%	SPK: 50		
1868-53-7	Dibromofluoromethane	62.4			70 (75) - 130 (124)	125%	SPK: 50		
2037-26-5	Toluene-d8	48.3			70 (86) - 130 (113)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	77.6	*		70 (77) - 130 (121)	155%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	122000							
540-36-3	1,4-Difluorobenzene	204000							
3114-55-4	Chlorobenzene-d5	259000							
3855-82-1	1,4-Dichlorobenzene-d4	118000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OW-03B-51.5-120425-FDR
Lab Sample ID: Q3787-13RE
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 14:51	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:51	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:51	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 14:51	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 14:51	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 14:51	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 14:51	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 14:51	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 14:51	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 14:51	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.7			70 (74) - 130 (125)	123%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			70 (75) - 130 (124)	98%	SPK: 50		
2037-26-5	Toluene-d8	48.6			70 (86) - 130 (113)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	62.6			70 (77) - 130 (121)	125%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	152000							
540-36-3	1,4-Difluorobenzene	320000							
3114-55-4	Chlorobenzene-d5	355000							
3855-82-1	1,4-Dichlorobenzene-d4	185000							

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: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: OW-08B-72.5-120425
 Lab Sample ID: Q3787-15
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 12/04/25
 Date Received: 12/04/25
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/08/25 15:38	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:38	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:38	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 15:38	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 15:38	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 15:38	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 15:38	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 15:38	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 15:38	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:38	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.1			70 (74) - 130 (125)	94%	SPK: 50		
1868-53-7	Dibromofluoromethane	59.8			70 (75) - 130 (124)	120%	SPK: 50		
2037-26-5	Toluene-d8	48.0			70 (86) - 130 (113)	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.0			70 (77) - 130 (121)	118%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	125000							
540-36-3	1,4-Difluorobenzene	211000							
3114-55-4	Chlorobenzene-d5	312000							
3855-82-1	1,4-Dichlorobenzene-d4	120000							

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: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: OW-08B-72.5-120425-FD
 Lab Sample ID: Q3787-17
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 12/04/25
 Date Received: 12/04/25
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/08/25 15:59	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:59	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:59	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 15:59	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 15:59	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 15:59	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 15:59	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 15:59	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 15:59	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 15:59	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.6			70 (74) - 130 (125)	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	68.2	*		70 (75) - 130 (124)	136%	SPK: 50		
2037-26-5	Toluene-d8	47.6			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.0			70 (77) - 130 (121)	118%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	128000							
540-36-3	1,4-Difluorobenzene	199000							
3114-55-4	Chlorobenzene-d5	217000							
3855-82-1	1,4-Dichlorobenzene-d4	172000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OW-08B-72.5-120425-FDR
Lab Sample ID: Q3787-17RE
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 15:11	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:11	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:11	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 15:11	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 15:11	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 15:11	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 15:11	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 15:11	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 15:11	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:11	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.6			70 (74) - 130 (125)	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.4			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	47.0			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.4			70 (77) - 130 (121)	123%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	155000							
540-36-3	1,4-Difluorobenzene	318000							
3114-55-4	Chlorobenzene-d5	343000							
3855-82-1	1,4-Dichlorobenzene-d4	186000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: OW-02B-21.2-120425
Lab Sample ID: Q3787-19
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 15:32	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:32	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:32	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 15:32	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 15:32	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 15:32	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 15:32	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 15:32	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 15:32	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:32	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.7			70 (74) - 130 (125)	107%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.1			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	46.8			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.7			70 (77) - 130 (121)	121%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	138000							
540-36-3	1,4-Difluorobenzene	284000							
3114-55-4	Chlorobenzene-d5	306000							
3855-82-1	1,4-Dichlorobenzene-d4	166000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



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Fax : 908 789 8922

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: TB01-120425
Lab Sample ID: Q3787-21
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 15:53	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:53	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:53	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 15:53	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 15:53	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 15:53	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 15:53	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 15:53	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 15:53	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 15:53	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.8			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.7			70 (75) - 130 (124)	93%	SPK: 50		
2037-26-5	Toluene-d8	46.2			70 (86) - 130 (113)	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.2			70 (77) - 130 (121)	118%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	138000							
540-36-3	1,4-Difluorobenzene	284000							
3114-55-4	Chlorobenzene-d5	308000							
3855-82-1	1,4-Dichlorobenzene-d4	168000							

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.: Q3787

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3787-01	MW-15B-42.5-120425	1,2-Dichloroethane-d4	50	54.2	108		70 (74)	130 (125)
		Dibromofluoromethane	50	55.0	110		70 (75)	130 (124)
		Toluene-d8	50	55.3	111		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.9	118		70 (77)	130 (121)
Q3787-02MS	MW-15B-42.5-120425-MS	1,2-Dichloroethane-d4	50	58.5	117		70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97		70 (75)	130 (124)
		Toluene-d8	50	46.5	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.9	102		70 (77)	130 (121)
Q3787-03MSD	MW-15B-42.5-120425-MSD	1,2-Dichloroethane-d4	50	53.3	106		70 (74)	130 (125)
		Dibromofluoromethane	50	44.0	88		70 (75)	130 (124)
		Toluene-d8	50	43.3	86		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.5	89		70 (77)	130 (121)
Q3787-07	OWBR-02-170-120425	1,2-Dichloroethane-d4	50	46.0	92		70 (74)	130 (125)
		Dibromofluoromethane	50	70.9	142	*	70 (75)	130 (124)
		Toluene-d8	50	48.9	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	92.8	186	*	70 (77)	130 (121)
Q3787-07RE	OWBR-02-170-120425RE	1,2-Dichloroethane-d4	50	60.1	120		70 (74)	130 (125)
		Dibromofluoromethane	50	47.7	95		70 (75)	130 (124)
		Toluene-d8	50	47.6	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	62.6	125		70 (77)	130 (121)
Q3787-09	OWBR-02-170-120425-FD	1,2-Dichloroethane-d4	50	71.0	142	*	70 (74)	130 (125)
		Dibromofluoromethane	50	67.0	134	*	70 (75)	130 (124)
		Toluene-d8	50	47.6	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	85.6	171	*	70 (77)	130 (121)
Q3787-09RE	OWBR-02-170-120425-FDRE	1,2-Dichloroethane-d4	50	59.5	119		70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95		70 (75)	130 (124)
		Toluene-d8	50	47.5	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	61.2	122		70 (77)	130 (121)
Q3787-11	OW-03B-51.5-120425	1,2-Dichloroethane-d4	50	64.1	128		70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97		70 (75)	130 (124)
		Toluene-d8	50	47.5	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	38.6	77		70 (77)	130 (121)
Q3787-11RE	OW-03B-51.5-120425RE	1,2-Dichloroethane-d4	50	57.4	115		70 (74)	130 (125)
		Dibromofluoromethane	50	47.9	96		70 (75)	130 (124)
		Toluene-d8	50	47.4	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	61.0	122		70 (77)	130 (121)
Q3787-13	OW-03B-51.5-120425-FD	1,2-Dichloroethane-d4	50	70.1	140	*	70 (74)	130 (125)
		Dibromofluoromethane	50	62.4	125		70 (75)	130 (124)
		Toluene-d8	50	48.3	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	77.6	155	*	70 (77)	130 (121)
Q3787-13RE	OW-03B-51.5-120425-FDRE	1,2-Dichloroethane-d4	50	61.6	123		70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98		70 (75)	130 (124)
		Toluene-d8	50	48.6	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	62.6	125		70 (77)	130 (121)
Q3787-15	OW-08B-72.5-120425	1,2-Dichloroethane-d4	50	47.1	94		70 (74)	130 (125)
		Dibromofluoromethane	50	59.8	120		70 (75)	130 (124)
		Toluene-d8	50	48.0	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.0	118		70 (77)	130 (121)
Q3787-17	OW-08B-72.5-120425-FD	1,2-Dichloroethane-d4	50	60.6	121		70 (74)	130 (125)
		Dibromofluoromethane	50	68.2	136	*	70 (75)	130 (124)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q3787

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3787-17	OW-08B-72.5-120425-FD	Toluene-d8	50	47.5	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.0	118		70 (77)	130 (121)
Q3787-17RE	OW-08B-72.5-120425-FDRE	1,2-Dichloroethane-d4	50	58.6	117		70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95		70 (75)	130 (124)
		Toluene-d8	50	47.0	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	61.4	123		70 (77)	130 (121)
Q3787-19	OW-02B-21.2-120425	1,2-Dichloroethane-d4	50	53.7	107		70 (74)	130 (125)
		Dibromofluoromethane	50	47.0	94		70 (75)	130 (124)
		Toluene-d8	50	46.8	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.7	121		70 (77)	130 (121)
Q3787-21	TB01-120425	1,2-Dichloroethane-d4	50	55.8	112		70 (74)	130 (125)
		Dibromofluoromethane	50	46.7	93		70 (75)	130 (124)
		Toluene-d8	50	46.2	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.2	118		70 (77)	130 (121)
VX1208WBL01	VX1208WBL01	1,2-Dichloroethane-d4	50	49.5	99		70 (74)	130 (125)
		Dibromofluoromethane	50	46.0	92		70 (75)	130 (124)
		Toluene-d8	50	45.2	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.8	112		70 (77)	130 (121)
VX1208WBS01	VX1208WBS01	1,2-Dichloroethane-d4	50	56.7	113		70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.8	118		70 (77)	130 (121)
VX1210WBL01	VX1210WBL01	1,2-Dichloroethane-d4	50	51.4	103		70 (74)	130 (125)
		Dibromofluoromethane	50	45.2	90		70 (75)	130 (124)
		Toluene-d8	50	46.7	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.2	114		70 (77)	130 (121)
VX1210WBS01	VX1210WBS01	1,2-Dichloroethane-d4	50	54.9	110		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	49.2	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.7	107		70 (77)	130 (121)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3787

Analytical Method: SW8260-Low

Client: JACOBS Engineering Group, Inc

Datafile : VX048764.D

Limits											
Parameter	Spike	Sample Result	Result	Units	Rec	Qual	RPD	RPD Qual	Low	High	RPD
Lab Sample ID : Q3787-02MS		Client Sample ID :		MW-15B-42.5-120425-MS							
Vinyl chloride	50	1.30	51.8	ug/L	101				70 (69)	130 (125)	
1,1-Dichloroethene	50	0	49.2	ug/L	98				70 (80)	130 (124)	
1,1-Dichloroethane	50	0	58.8	ug/L	118				70 (78)	130 (122)	
cis-1,2-Dichloroethene	50	3.30	59.1	ug/L	112				70 (55)	130 (150)	
1,1,1-Trichloroethane	50	0	51.6	ug/L	103				70 (83)	130 (117)	
Benzene	50	0	49.9	ug/L	100				70 (81)	130 (128)	
1,2-Dichloroethane	50	0	52.7	ug/L	105				70 (76)	130 (120)	
Trichloroethene	50	6.20	52.5	ug/L	93				70 (44)	130 (168)	
1,1,2-Trichloroethane	50	0	51.4	ug/L	103				70 (73)	130 (136)	
Tetrachloroethene	50	0	38.7	ug/L	77				70 (63)	130 (122)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3787

Analytical Method: SW8260-Low

Client: JACOBS Engineering Group, Inc

Datafile : VX048765.D

Limits										
Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD	RPD Qual	Low	High	RPD
Lab Sample ID :	Q3787-03MSD	Client Sample ID :	MW-15B-42.5-120425-MSD							
Vinyl chloride	50	1.30	50.9	ug/L	99		2	70 (69)	130 (125)	20 (20)
1,1-Dichloroethene	50	0	49.7	ug/L	99		1	70 (80)	130 (124)	20 (20)
1,1-Dichloroethane	50	0	60.4	ug/L	121		3	70 (78)	130 (122)	20 (20)
cis-1,2-Dichloroethene	50	3.30	60.7	ug/L	115		3	70 (55)	130 (150)	20 (20)
1,1,1-Trichloroethane	50	0	53.2	ug/L	106		3	70 (83)	130 (117)	20 (20)
Benzene	50	0	50.1	ug/L	100		0	70 (81)	130 (128)	20 (20)
1,2-Dichloroethane	50	0	55.2	ug/L	110		5	70 (76)	130 (120)	20 (20)
Trichloroethene	50	6.20	52.7	ug/L	93		0	70 (44)	130 (168)	20 (20)
1,1,2-Trichloroethane	50	0	51.4	ug/L	103		0	70 (73)	130 (136)	20 (20)
Tetrachloroethene	50	0	39.5	ug/L	79		2	70 (63)	130 (122)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3787</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>JACOBS Engineering Group, Inc.</u>	Datafile :	<u>VX048745.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1208WBS01	Vinyl chloride	20	19.8	ug/L	99			70 (65)	130 (117)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	1,1-Dichloroethane	20	20.8	ug/L	104			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.9	ug/L	100			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	20.1	ug/L	101			70 (80)	130 (108)	
	Benzene	20	18.8	ug/L	94			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.4	ug/L	107			70 (80)	130 (115)	
	Trichloroethene	20	17.6	ug/L	88			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	21.7	ug/L	109			70 (83)	130 (112)	
	Tetrachloroethene	20	16.5	ug/L	83			70 (67)	130 (123)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3787</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>JACOBS Engineering Group, Inc.</u>	Datafile :	<u>VX048799.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1210WBS01	Vinyl chloride	20	16.7	ug/L	84			70 (65)	130 (117)	
	1,1-Dichloroethene	20	16.9	ug/L	85			70 (74)	130 (110)	
	1,1-Dichloroethane	20	19.8	ug/L	99			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.7	ug/L	99			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			70 (80)	130 (108)	
	Benzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.9	ug/L	95			70 (80)	130 (115)	
	Trichloroethene	20	17.9	ug/L	90			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			70 (83)	130 (112)	
	Tetrachloroethene	20	16.3	ug/L	81			70 (67)	130 (123)	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1208WBL01

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3787

Lab File ID: VX048744.D

Lab Sample ID: VX1208WBL01

Date Analyzed: 12/08/2025

Time Analyzed: 11:15

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1208WBS01	VX1208WBS01	VX048745.D	12/08/2025
MW-15B-42.5-120425	Q3787-01	VX048749.D	12/08/2025
OWBR-02-170-120425	Q3787-07	VX048752.D	12/08/2025
OWBR-02-170-120425-FD	Q3787-09	VX048753.D	12/08/2025
OW-03B-51.5-120425	Q3787-11	VX048754.D	12/08/2025
OW-03B-51.5-120425-FD	Q3787-13	VX048755.D	12/08/2025
OW-08B-72.5-120425	Q3787-15	VX048756.D	12/08/2025
OW-08B-72.5-120425-FD	Q3787-17	VX048757.D	12/08/2025
MW-15B-42.5-120425-MS	Q3787-02MS	VX048764.D	12/08/2025
MW-15B-42.5-120425-MSD	Q3787-03MSD	VX048765.D	12/08/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1210WBL01

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3787

Lab File ID: VX048797.D

Lab Sample ID: VX1210WBL01

Date Analyzed: 12/10/2025

Time Analyzed: 10:10

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1210WBS01	VX1210WBS01	VX048799.D	12/10/2025
OWBR-02-170-120425RE	Q3787-07RE	VX048807.D	12/10/2025
OWBR-02-170-120425-FDRE	Q3787-09RE	VX048808.D	12/10/2025
OW-03B-51.5-120425RE	Q3787-11RE	VX048809.D	12/10/2025
OW-03B-51.5-120425-FDRE	Q3787-13RE	VX048810.D	12/10/2025
OW-08B-72.5-120425-FDRE	Q3787-17RE	VX048811.D	12/10/2025
OW-02B-21.2-120425	Q3787-19	VX048812.D	12/10/2025
TB01-120425	Q3787-21	VX048813.D	12/10/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3787

Lab File ID: VX048713.D

BFB Injection Date: 12/04/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:15

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.9 (7.8) 1
176	95.0 - 101.0% of mass 174	74.4 (97.7) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX048714.D	12/04/2025	08:47
VSTDIC005	VSTDIC005	VX048715.D	12/04/2025	09:16
VSTDIC020	VSTDIC020	VX048716.D	12/04/2025	09:36
VSTDIC050	VSTDIC050	VX048717.D	12/04/2025	09:57
VSTDIC100	VSTDIC100	VX048718.D	12/04/2025	10:17
VSTDIC150	VSTDIC150	VX048719.D	12/04/2025	10:38

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX048741.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: JACO05
SDG NO.: Q3787
BFB Injection Date: 12/08/2025
BFB Injection Time: 08:17
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.5
75	30.0 - 60.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	80.1
175	5.0 - 9.0% of mass 174	6 (7.5) 1
176	95.0 - 101.0% of mass 174	76.4 (95.3) 1
177	5.0 - 9.0% of mass 176	5.3 (7) 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	VX048742.D	12/08/2025	09:20
VX1208WBL01	VX1208WBL01	VX048744.D	12/08/2025	11:15
VX1208WBS01	VX1208WBS01	VX048745.D	12/08/2025	11:44
MW-15B-42.5-120425	Q3787-01	VX048749.D	12/08/2025	13:14
OWBR-02-170-120425	Q3787-07	VX048752.D	12/08/2025	14:16
OWBR-02-170-120425-FD	Q3787-09	VX048753.D	12/08/2025	14:36
OW-03B-51.5-120425	Q3787-11	VX048754.D	12/08/2025	14:57
OW-03B-51.5-120425-FD	Q3787-13	VX048755.D	12/08/2025	15:18
OW-08B-72.5-120425	Q3787-15	VX048756.D	12/08/2025	15:38
OW-08B-72.5-120425-FD	Q3787-17	VX048757.D	12/08/2025	15:59
MW-15B-42.5-120425-MS	Q3787-02MS	VX048764.D	12/08/2025	18:22
MW-15B-42.5-120425-MSD	Q3787-03MSD	VX048765.D	12/08/2025	18:43

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q3787

Lab File ID: VX048795.D

BFB Injection Date: 12/10/2025

Instrument ID: MSVOA_X

BFB Injection Time: 09:13

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19
75	30.0 - 60.0% of mass 95	50.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	77.6
175	5.0 - 9.0% of mass 174	5.8 (7.4) 1
176	95.0 - 101.0% of mass 174	75.3 (97.1) 1
177	5.0 - 9.0% of mass 176	5 (6.7) 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	VX048796.D	12/10/2025	09:40
VX1210WBL01	VX1210WBL01	VX048797.D	12/10/2025	10:10
VX1210WBS01	VX1210WBS01	VX048799.D	12/10/2025	10:58
OWBR-02-170-120425RE	Q3787-07RE	VX048807.D	12/10/2025	13:49
OWBR-02-170-120425-FDRE	Q3787-09RE	VX048808.D	12/10/2025	14:10
OW-03B-51.5-120425RE	Q3787-11RE	VX048809.D	12/10/2025	14:30
OW-03B-51.5-120425-FDRE	Q3787-13RE	VX048810.D	12/10/2025	14:51
OW-08B-72.5-120425-FDRE	Q3787-17RE	VX048811.D	12/10/2025	15:11
OW-02B-21.2-120425	Q3787-19	VX048812.D	12/10/2025	15:32
TB01-120425	Q3787-21	VX048813.D	12/10/2025	15:53

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05
 Lab Code: ACE SDG NO.: Q3787
 Lab File ID: VX048742.D Date Analyzed: 12/08/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:20
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	174813	5.53	271670	6.74	259893	10.04
UPPER LIMIT	349626	6.031	543340	7.239	519786	10.537
LOWER LIMIT	87406.5	5.031	135835	6.239	129947	9.537
EPA SAMPLE NO.						
MW-15B-42.5-120425	120816	5.54	219416	6.75	321746	10.04
MW-15B-42.5-120425-MS	149218	5.54	267773	6.75	245391	10.04
MW-15B-42.5-120425-MSD	132053	5.54	236459	6.75	210246	10.04
OWBR-02-170-120425	152251	5.54	235496	6.75	353865	10.04
OWBR-02-170-120425-FD	129874	5.54	212277	6.74	232388	10.04
OW-03B-51.5-120425	160355	5.54	343808	6.75	352510	10.04
OW-03B-51.5-120425-FD	121788	5.54	204088	6.75	259488	10.04
OW-08B-72.5-120425	124545	5.54	210799	6.75	312315	10.04
OW-08B-72.5-120425-FD	127845	5.54	199202	6.75	216738	10.04
VX1208WBL01	173343	5.53	340953	6.74	370451	10.04
VX1208WBS01	178446	5.53	298973	6.74	311271	10.04

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>JACO05</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3787</u>
Lab File ID:	<u>VX048742.D</u>	Date Analyzed:	<u>12/08/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>09:20</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	132353	12				
UPPER LIMIT	264706	12.5				
LOWER LIMIT	66176.5	11.5				
EPA SAMPLE NO.						
MW-15B-42.5-120425	129079	12.01				
MW-15B-42.5-120425-MS	125815	12.01				
MW-15B-42.5-120425-MSD	103730	12.01				
OWBR-02-170-120425	191518	12.01				
OWBR-02-170-120425-FD	176527	12.01				
OW-03B-51.5-120425	128068	12.01				
OW-03B-51.5-120425-FD	118375	12.01				
OW-08B-72.5-120425	119855	12.01				
OW-08B-72.5-120425-FD	171945	12.01				
VX1208WBL01	179749	12.01				
VX1208WBS01	157846	12.00				

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05
Lab Code: ACE SDG NO.: Q3787
Lab File ID: VX048796.D Date Analyzed: 12/10/2025
Instrument ID: MSVOA_X Time Analyzed: 09:40
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	164636	5.53	275167	6.74	243543	10.04
UPPER LIMIT	329272	6.031	550334	7.238	487086	10.537
LOWER LIMIT	82318	5.031	137584	6.238	121772	9.537
EPA SAMPLE NO.						
OWBR-02-170-120425RE	160525	5.54	337243	6.75	371573	10.04
OWBR-02-170-120425-FDRE	150728	5.54	313869	6.75	341495	10.04
OW-03B-51.5-120425RE	142606	5.54	299203	6.75	326420	10.04
OW-03B-51.5-120425-FDRE	152091	5.54	320261	6.75	354570	10.04
OW-08B-72.5-120425-FDRE	154804	5.54	318388	6.75	343017	10.04
OW-02B-21.2-120425	138008	5.54	284336	6.75	306079	10.04
TB01-120425	137750	5.54	283821	6.75	308054	10.04
VX1210WBL01	143182	5.53	288257	6.74	306883	10.04
VX1210WBS01	153473	5.53	261026	6.74	236663	10.04

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>JACO05</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3787</u>
Lab File ID:	<u>VX048796.D</u>	Date Analyzed:	<u>12/10/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>09:40</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	117430	12				
UPPER LIMIT	234860	12.5				
LOWER LIMIT	58715	11.5				
EPA SAMPLE NO.						
OWBR-02-170-120425RE	199241	12.01				
OWBR-02-170-120425-FDRE	184829	12.01				
OW-03B-51.5-120425RE	172615	12.01				
OW-03B-51.5-120425-FDRE	184719	12.01				
OW-08B-72.5-120425-FDRE	186375	12.01				
OW-02B-21.2-120425	165546	12.01				
TB01-120425	167960	12.01				
VX1210WBL01	162084	12.00				
VX1210WBS01	123629	12.01				

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: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VX1208WBL01
 Lab Sample ID: VX1208WBL01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/08/25 11:15	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 11:15	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 11:15	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 11:15	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 11:15	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 11:15	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 11:15	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 11:15	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 11:15	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 11:15	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.5			70 (74) - 130 (125)	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.0			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	45.2			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.8			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	173000							
540-36-3	1,4-Difluorobenzene	341000							
3114-55-4	Chlorobenzene-d5	370000							
3855-82-1	1,4-Dichlorobenzene-d4	180000							

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: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VX1210WBL01
 Lab Sample ID: VX1210WBL01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/10/25 10:10	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 10:10	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 10:10	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 10:10	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 10:10	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 10:10	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 10:10	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 10:10	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 10:10	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 10:10	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.4			70 (74) - 130 (125)	103%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.2			70 (75) - 130 (124)	90%	SPK: 50		
2037-26-5	Toluene-d8	46.7			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.2			70 (77) - 130 (121)	114%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	143000							
540-36-3	1,4-Difluorobenzene	288000							
3114-55-4	Chlorobenzene-d5	307000							
3855-82-1	1,4-Dichlorobenzene-d4	162000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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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: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VX1208WBS01
 Lab Sample ID: VX1208WBS01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3787
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	19.8		1	0.26	1.00	ug/L	12/08/25 11:44	VX120825
75-35-4	1,1-Dichloroethene	19.2		1	0.23	1.00	ug/L	12/08/25 11:44	VX120825
75-34-3	1,1-Dichloroethane	20.8		1	0.23	1.00	ug/L	12/08/25 11:44	VX120825
156-59-2	cis-1,2-Dichloroethene	19.9		1	0.19	1.00	ug/L	12/08/25 11:44	VX120825
71-55-6	1,1,1-Trichloroethane	20.1		1	0.20	1.00	ug/L	12/08/25 11:44	VX120825
71-43-2	Benzene	18.8		1	0.15	1.00	ug/L	12/08/25 11:44	VX120825
107-06-2	1,2-Dichloroethane	21.4		1	0.22	1.00	ug/L	12/08/25 11:44	VX120825
79-01-6	Trichloroethene	17.6		1	0.090	1.00	ug/L	12/08/25 11:44	VX120825
79-00-5	1,1,2-Trichloroethane	21.7		1	0.21	1.00	ug/L	12/08/25 11:44	VX120825
127-18-4	Tetrachloroethene	16.5		1	0.23	1.00	ug/L	12/08/25 11:44	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.7			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.4			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	50.6			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.8			70 (77) - 130 (121)	118%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	178000							
540-36-3	1,4-Difluorobenzene	299000							
3114-55-4	Chlorobenzene-d5	311000							
3855-82-1	1,4-Dichlorobenzene-d4	158000							

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



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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: VX1210WBS01
Lab Sample ID: VX1210WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	16.7		1	0.26	1.00	ug/L	12/10/25 10:58	VX121025
75-35-4	1,1-Dichloroethene	16.9		1	0.23	1.00	ug/L	12/10/25 10:58	VX121025
75-34-3	1,1-Dichloroethane	19.8		1	0.23	1.00	ug/L	12/10/25 10:58	VX121025
156-59-2	cis-1,2-Dichloroethene	19.7		1	0.19	1.00	ug/L	12/10/25 10:58	VX121025
71-55-6	1,1,1-Trichloroethane	18.2		1	0.20	1.00	ug/L	12/10/25 10:58	VX121025
71-43-2	Benzene	18.6		1	0.15	1.00	ug/L	12/10/25 10:58	VX121025
107-06-2	1,2-Dichloroethane	18.9		1	0.22	1.00	ug/L	12/10/25 10:58	VX121025
79-01-6	Trichloroethene	17.9		1	0.090	1.00	ug/L	12/10/25 10:58	VX121025
79-00-5	1,1,2-Trichloroethane	19.4		1	0.21	1.00	ug/L	12/10/25 10:58	VX121025
127-18-4	Tetrachloroethene	16.3		1	0.23	1.00	ug/L	12/10/25 10:58	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.9			70 (74) - 130 (125)	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (75) - 130 (124)	102%	SPK: 50		
2037-26-5	Toluene-d8	49.2			70 (86) - 130 (113)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.7			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	153000							
540-36-3	1,4-Difluorobenzene	261000							
3114-55-4	Chlorobenzene-d5	237000							
3855-82-1	1,4-Dichlorobenzene-d4	124000							

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



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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-15B-42.5-120425-MS
Lab Sample ID: Q3787-02MS
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	51.8		1	0.26	1.00	ug/L	12/08/25 18:22	VX120825
75-35-4	1,1-Dichloroethene	49.2		1	0.23	1.00	ug/L	12/08/25 18:22	VX120825
75-34-3	1,1-Dichloroethane	58.8		1	0.23	1.00	ug/L	12/08/25 18:22	VX120825
156-59-2	cis-1,2-Dichloroethene	59.1		1	0.19	1.00	ug/L	12/08/25 18:22	VX120825
71-55-6	1,1,1-Trichloroethane	51.6		1	0.20	1.00	ug/L	12/08/25 18:22	VX120825
71-43-2	Benzene	49.9		1	0.15	1.00	ug/L	12/08/25 18:22	VX120825
107-06-2	1,2-Dichloroethane	52.7		1	0.22	1.00	ug/L	12/08/25 18:22	VX120825
79-01-6	Trichloroethene	52.5		1	0.090	1.00	ug/L	12/08/25 18:22	VX120825
79-00-5	1,1,2-Trichloroethane	51.4		1	0.21	1.00	ug/L	12/08/25 18:22	VX120825
127-18-4	Tetrachloroethene	38.7		1	0.23	1.00	ug/L	12/08/25 18:22	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.5			70 (74) - 130 (125)	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			70 (75) - 130 (124)	97%	SPK: 50		
2037-26-5	Toluene-d8	46.5			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.9			70 (77) - 130 (121)	102%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	149000							
540-36-3	1,4-Difluorobenzene	268000							
3114-55-4	Chlorobenzene-d5	245000							
3855-82-1	1,4-Dichlorobenzene-d4	126000							

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



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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-15B-42.5-120425-MSI
Lab Sample ID: Q3787-03MSD
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	50.9		1	0.26	1.00	ug/L	12/08/25 18:43	VX120825
75-35-4	1,1-Dichloroethene	49.7		1	0.23	1.00	ug/L	12/08/25 18:43	VX120825
75-34-3	1,1-Dichloroethane	60.4		1	0.23	1.00	ug/L	12/08/25 18:43	VX120825
156-59-2	cis-1,2-Dichloroethene	60.7		1	0.19	1.00	ug/L	12/08/25 18:43	VX120825
71-55-6	1,1,1-Trichloroethane	53.2		1	0.20	1.00	ug/L	12/08/25 18:43	VX120825
71-43-2	Benzene	50.1		1	0.15	1.00	ug/L	12/08/25 18:43	VX120825
107-06-2	1,2-Dichloroethane	55.2		1	0.22	1.00	ug/L	12/08/25 18:43	VX120825
79-01-6	Trichloroethene	52.7		1	0.090	1.00	ug/L	12/08/25 18:43	VX120825
79-00-5	1,1,2-Trichloroethane	51.4		1	0.21	1.00	ug/L	12/08/25 18:43	VX120825
127-18-4	Tetrachloroethene	39.5		1	0.23	1.00	ug/L	12/08/25 18:43	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			70 (74) - 130 (125)	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.0			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	43.2			70 (86) - 130 (113)	86%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.5			70 (77) - 130 (121)	89%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	132000							
540-36-3	1,4-Difluorobenzene	236000							
3114-55-4	Chlorobenzene-d5	210000							
3855-82-1	1,4-Dichlorobenzene-d4	104000							

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>JAC005</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3787</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>12/04/2025</u> <u>12/04/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>08:47</u> <u>10:38</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF001 = VX048714.D		RRF005 = VX048715.D		RRF020 = VX048716.D		
		RRF050 = VX048717.D		RRF100 = VX048718.D		RRF150 = VX048719.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Vinyl Chloride	0.704	0.624	0.667	0.709	0.700	0.704	0.685	4.9
1,1-Dichloroethene	0.607	0.533	0.560	0.601	0.584	0.598	0.581	4.9
1,1-Dichloroethane	1.208	0.803	1.038	0.910	1.223	0.914	1.016	16.9
cis-1,2-Dichloroethene	0.776	0.559	0.634	0.629	0.785	0.630	0.669	13.6
1,1,1-Trichloroethane	1.091	0.859	0.955	0.912	1.013	1.023	0.975	8.6
Benzene	1.508	1.396	1.314	1.323	1.402	1.444	1.398	5.2
1,2-Dichloroethane	0.554	0.497	0.439	0.452	0.525	0.502	0.495	8.7
Trichloroethene	0.387	0.340	0.363	0.367	0.345	0.387	0.365	5.4
1,1,2-Trichloroethane	0.359	0.316	0.325	0.378	0.310	0.347	0.339	7.9
Tetrachloroethene	0.383	0.367	0.358	0.353	0.315	0.410	0.364	8.8
1,2-Dichloroethane-d4		0.677	0.618	0.578	0.787	0.695	0.671	11.9
Dibromofluoromethane		0.316	0.359	0.334	0.355	0.357	0.344	5.4
Toluene-d8		1.281	1.161	1.312	1.051	1.228	1.207	8.6
4-Bromofluorobenzene		0.416	0.418	0.459	0.397	0.391	0.416	6.4

* 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>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3787</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>12/08/2025</u> <u>09:20</u>
Lab File ID:	<u>VX048742.D</u>	Init. Calib. Date(s):	<u>12/04/2025</u> <u>12/04/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>08:47</u> <u>10:38</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.685	0.671		-2.04	20
1,1-Dichloroethene	0.581	0.547		-5.85	20
1,1-Dichloroethane	1.016	1.086	0.1	6.89	20
cis-1,2-Dichloroethene	0.669	0.701		4.78	20
1,1,1-Trichloroethane	0.975	0.976		0.1	20
Benzene	1.398	1.441		3.08	20
1,2-Dichloroethane	0.495	0.558		12.73	20
Trichloroethene	0.365	0.370		1.37	20
1,1,2-Trichloroethane	0.339	0.389		14.75	20
Tetrachloroethene	0.364	0.345		-5.22	20
1,2-Dichloroethane-d4	0.671	0.665		-0.89	20
Dibromofluoromethane	0.344	0.346		0.58	20
Toluene-d8	1.207	1.218		0.91	20
4-Bromofluorobenzene	0.416	0.450		8.17	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>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3787</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>12/10/2025</u> <u>09:40</u>
Lab File ID:	<u>VX048796.D</u>	Init. Calib. Date(s):	<u>12/04/2025</u> <u>12/04/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>08:47</u> <u>10:38</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.685	0.681		-0.58	20
1,1-Dichloroethene	0.581	0.572		-1.55	20
1,1-Dichloroethane	1.016	1.144	0.1	12.6	20
cis-1,2-Dichloroethene	0.669	0.730		9.12	20
1,1,1-Trichloroethane	0.975	0.987		1.23	20
Benzene	1.398	1.437		2.79	20
1,2-Dichloroethane	0.495	0.519		4.85	20
Trichloroethene	0.365	0.361		-1.1	20
1,1,2-Trichloroethane	0.339	0.360		6.2	20
Tetrachloroethene	0.364	0.330		-9.34	20
1,2-Dichloroethane-d4	0.671	0.723		7.75	20
Dibromofluoromethane	0.344	0.350		1.74	20
Toluene-d8	1.207	1.174		-2.73	20
4-Bromofluorobenzene	0.416	0.429		3.13	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_X\Data\VX120825\
 Data File : VX048749.D
 Acq On : 08 Dec 2025 13:14
 Operator : JC/MD
 Sample : Q3787-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-120425

Quant Time: Dec 09 04:09:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

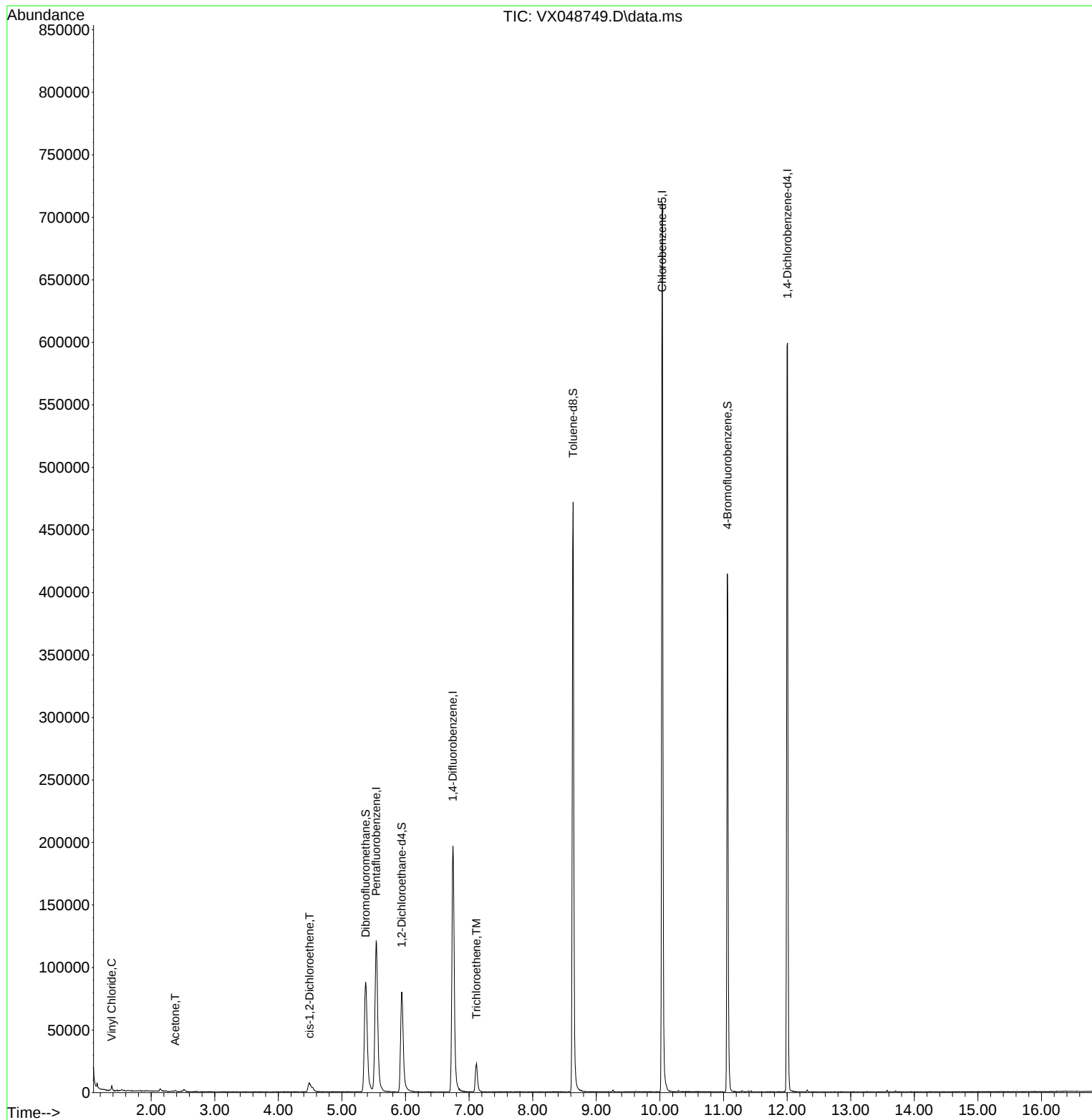
Internal Standards						
1) Pentafluorobenzene	5.537	168	120816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	219416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	87950	54.237	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.480%	
35) Dibromofluoromethane	5.373	113	83126	55.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.040%	
50) Toluene-d8	8.634	98	292656	55.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.520%	
62) 4-Bromofluorobenzene	11.061	95	107576	58.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.820%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	2144	1.296	ug/l	94
16) Acetone	2.379	43	1674	2.697	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	5339	3.304	ug/l	96
44) Trichloroethene	7.116	130	9908	6.190	ug/l	94

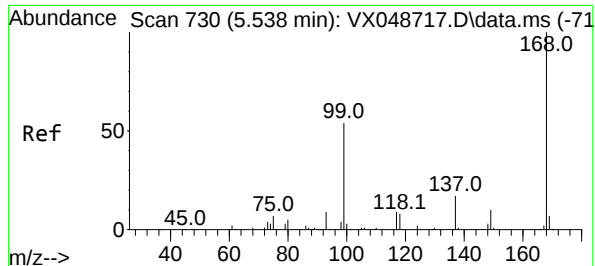
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048749.D
Acq On : 08 Dec 2025 13:14
Operator : JC/MD
Sample : Q3787-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425

Quant Time: Dec 09 04:09:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

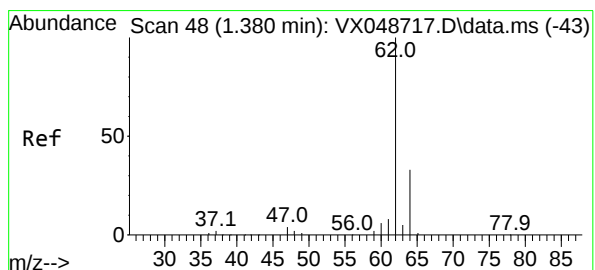
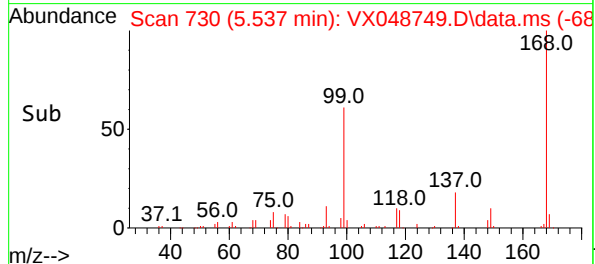
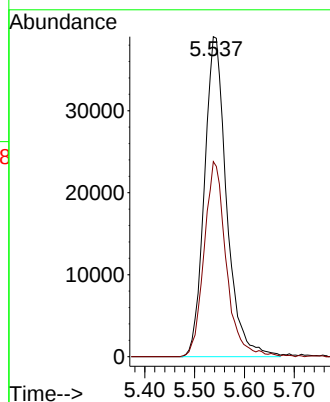
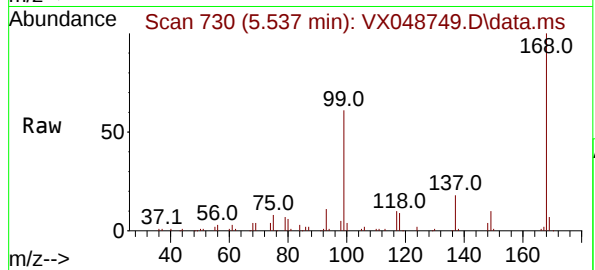




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048749.D
Acq: 08 Dec 2025 13:14

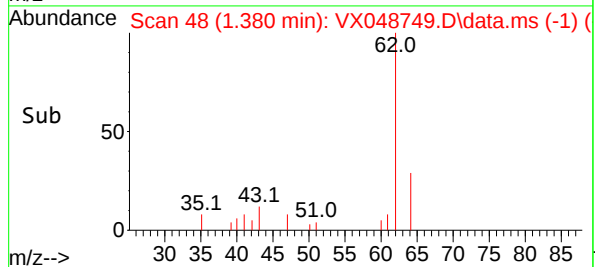
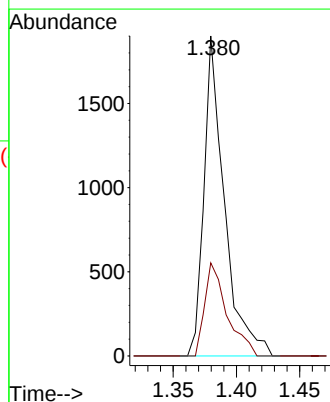
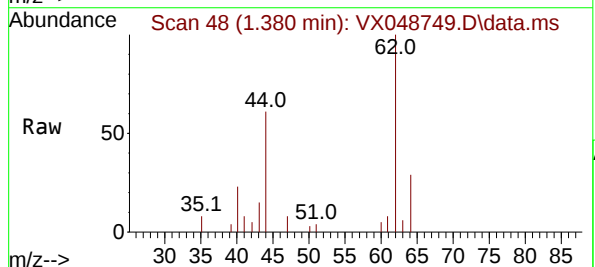
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425

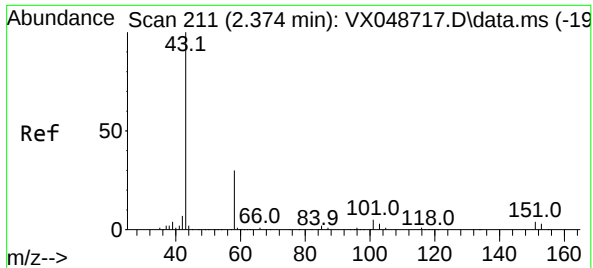
Tgt Ion:168 Resp: 120816
Ion Ratio Lower Upper
168 100
99 61.0 44.2 66.4



#4
Vinyl Chloride
Concen: 1.296 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048749.D
Acq: 08 Dec 2025 13:14

Tgt Ion: 62 Resp: 2144
Ion Ratio Lower Upper
62 100
64 29.1 26.0 39.0

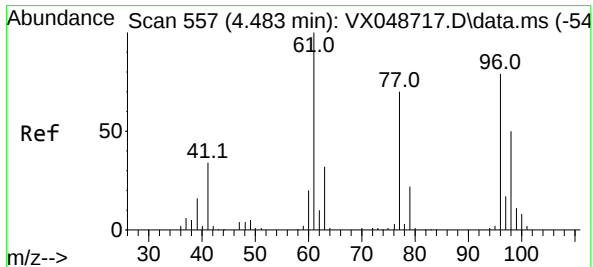
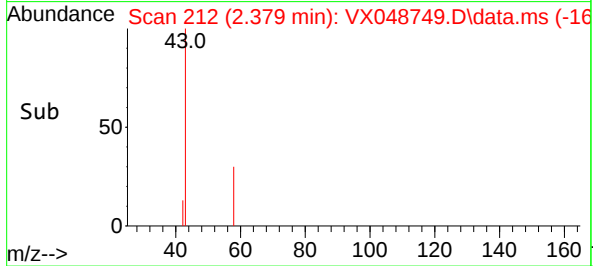
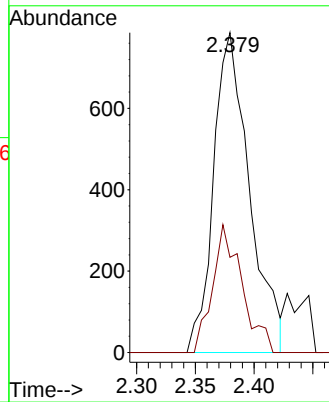
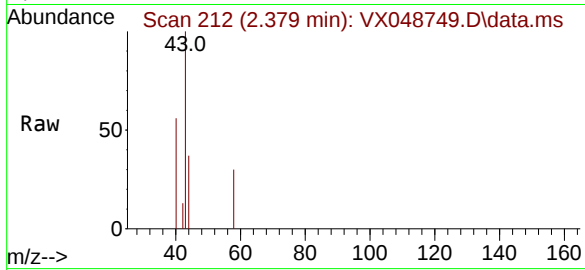




#16
Acetone
Concen: 2.697 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048749.D
Acq: 08 Dec 2025 13:14

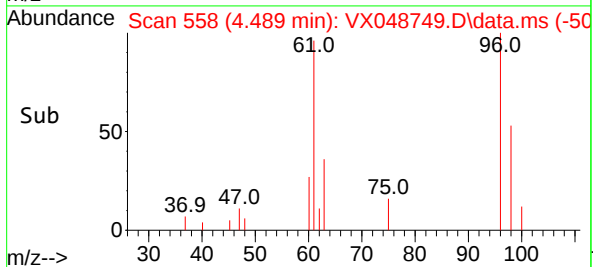
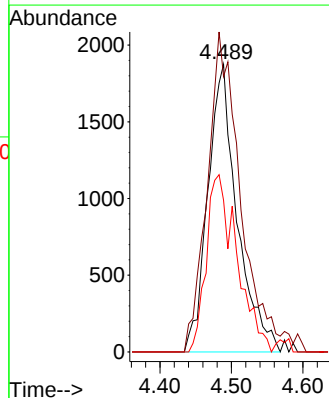
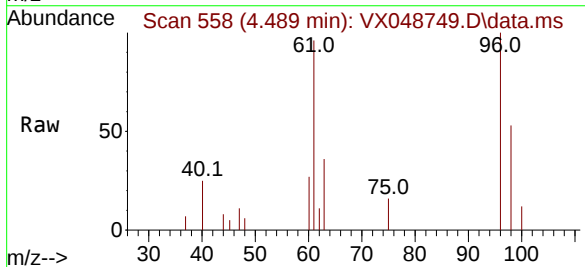
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425

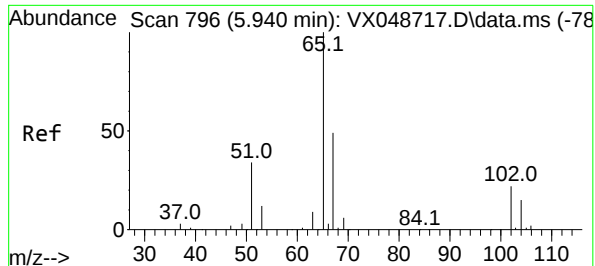
Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
58 29.8 25.0 37.4



#27
cis-1,2-Dichloroethene
Concen: 3.304 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX048749.D
Acq: 08 Dec 2025 13:14

Tgt Ion: 96 Resp: 5339
Ion Ratio Lower Upper
96 100
61 128.1 0.0 271.0
98 64.4 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 54.237 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048749.D

Acq: 08 Dec 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

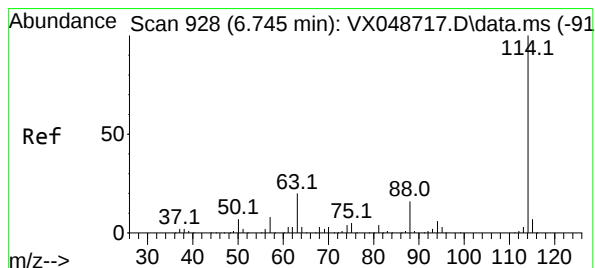
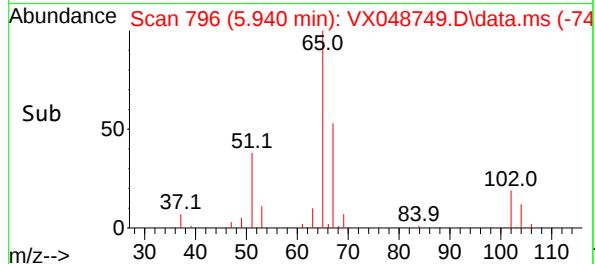
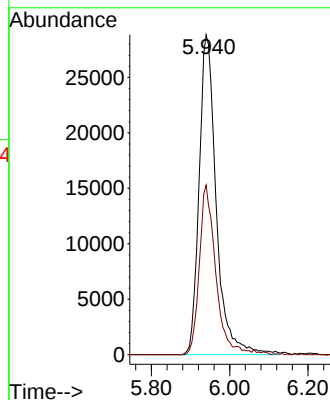
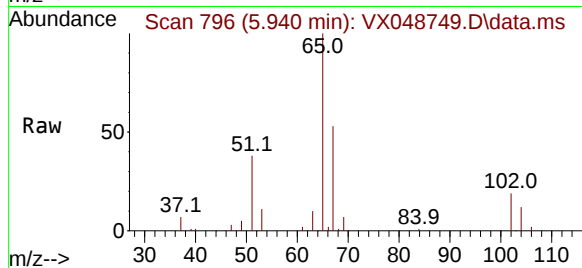
MW-15B-42.5-120425

Tgt Ion: 65 Resp: 87950

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048749.D

Acq: 08 Dec 2025 13:14

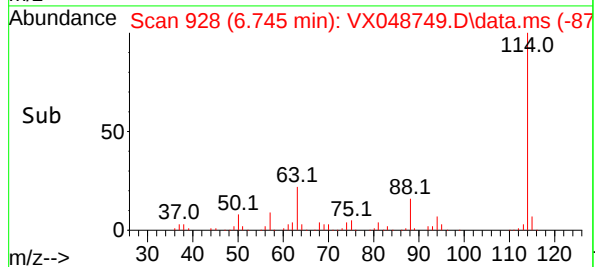
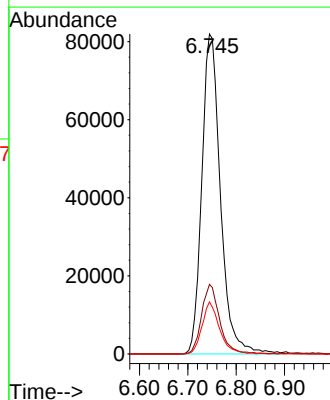
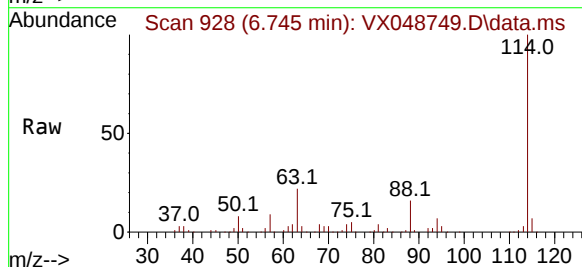
Tgt Ion: 114 Resp: 219416

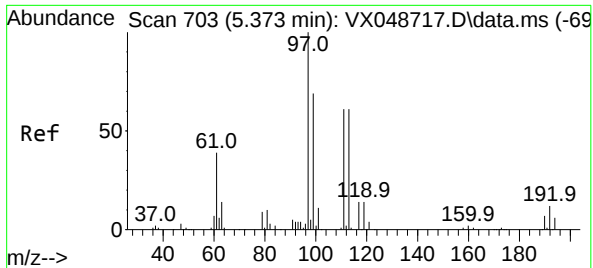
Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.0

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.022 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048749.D

Acq: 08 Dec 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15B-42.5-120425

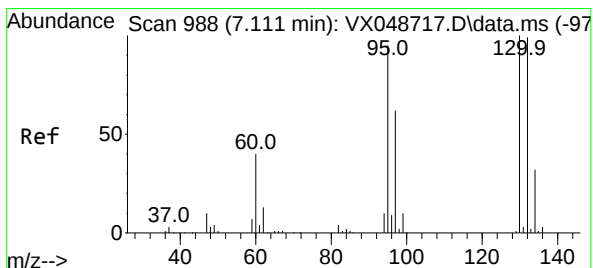
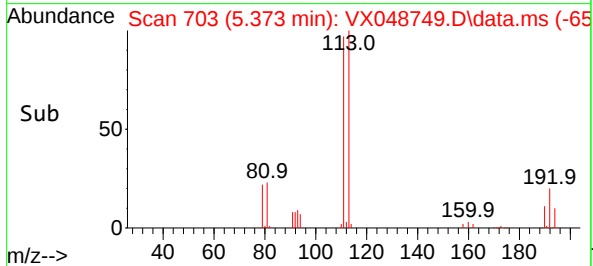
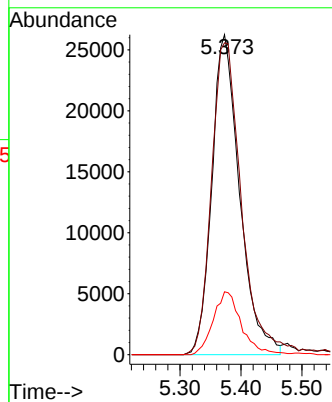
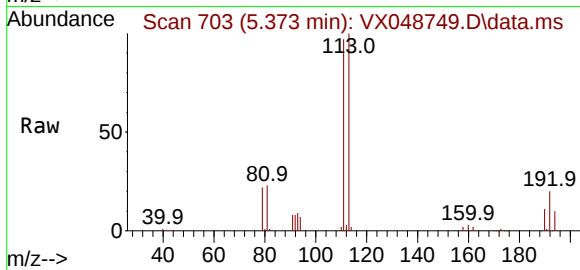
Tgt Ion:113 Resp: 83126

Ion Ratio Lower Upper

113 100

111 105.4 79.5 119.3

192 19.9 16.1 24.1



#44

Trichloroethene

Concen: 6.190 ug/l

RT: 7.116 min Scan# 989

Delta R.T. 0.006 min

Lab File: VX048749.D

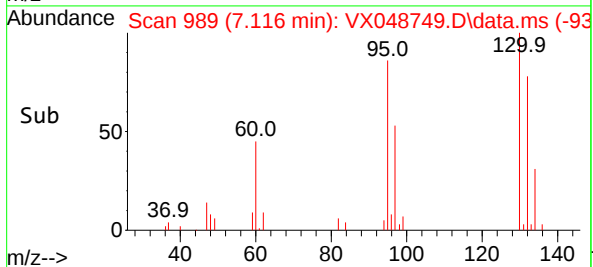
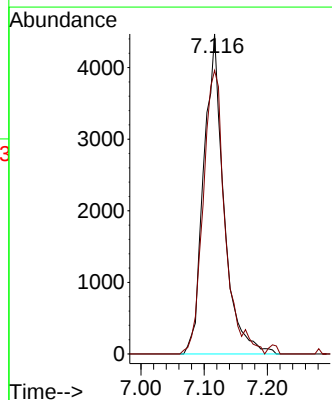
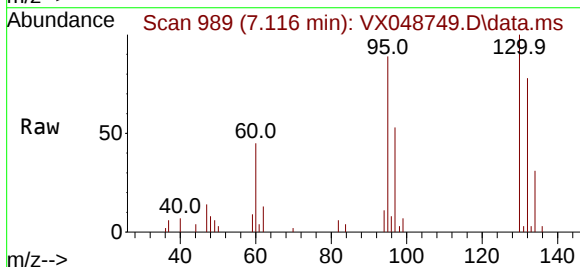
Acq: 08 Dec 2025 13:14

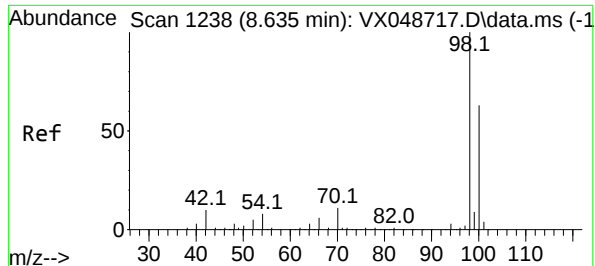
Tgt Ion:130 Resp: 9908

Ion Ratio Lower Upper

130 100

95 88.6 0.0 189.6





#50

Toluene-d8

Concen: 55.263 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048749.D

Acq: 08 Dec 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

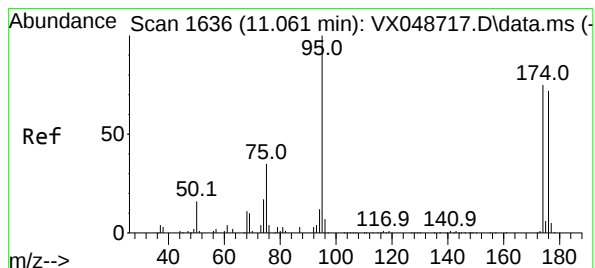
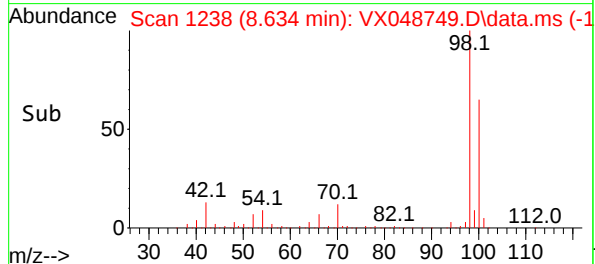
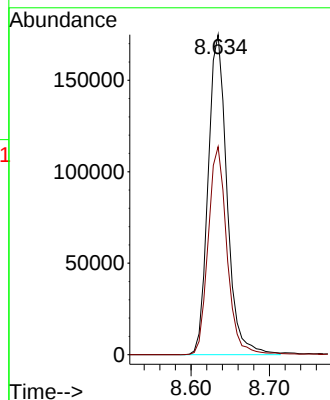
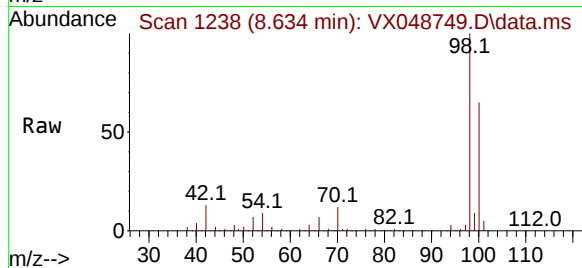
MW-15B-42.5-120425

Tgt Ion: 98 Resp: 292656

Ion Ratio Lower Upper

98 100

100 64.8 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 58.909 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048749.D

Acq: 08 Dec 2025 13:14

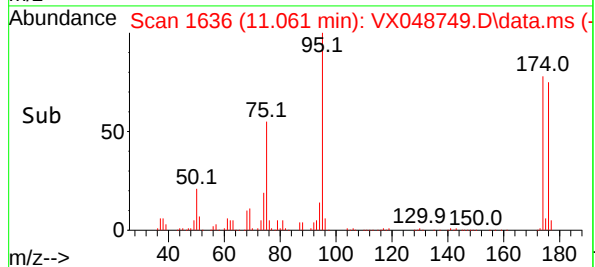
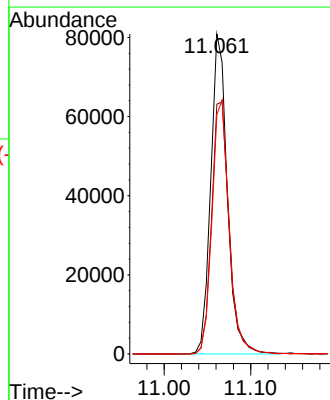
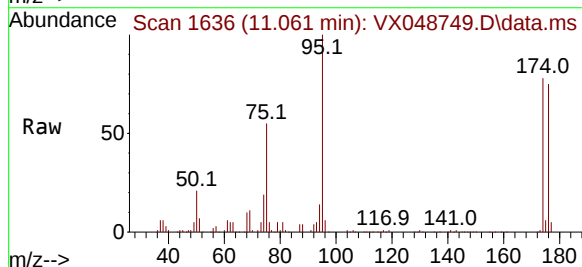
Tgt Ion: 95 Resp: 107576

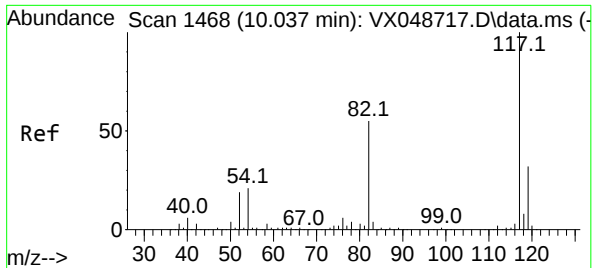
Ion Ratio Lower Upper

95 100

174 83.8 0.0 157.8

176 81.6 0.0 154.0

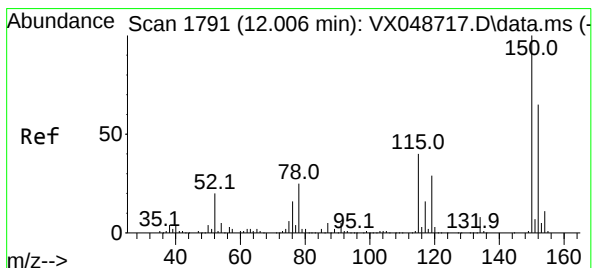
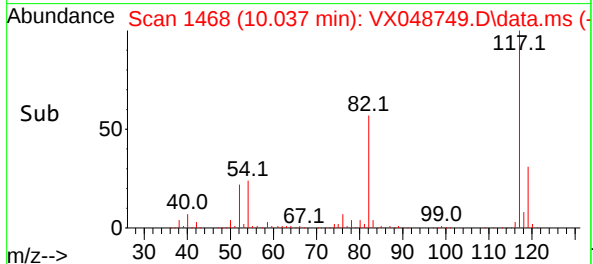
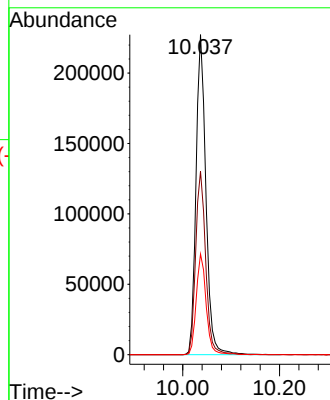
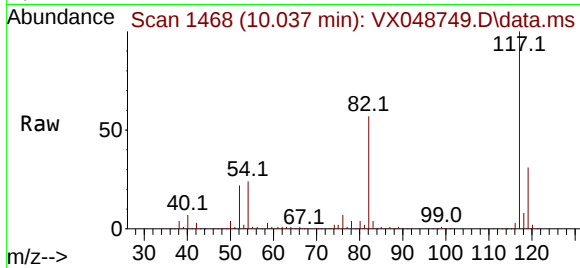




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048749.D
Acq: 08 Dec 2025 13:14

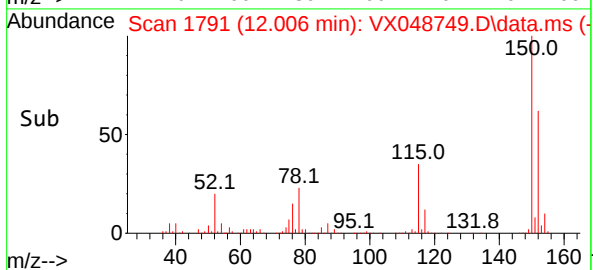
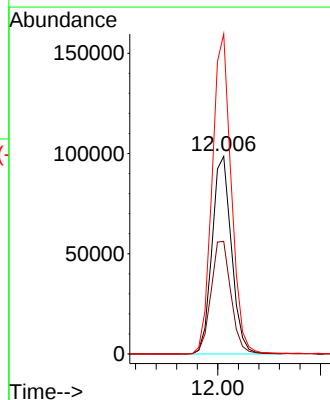
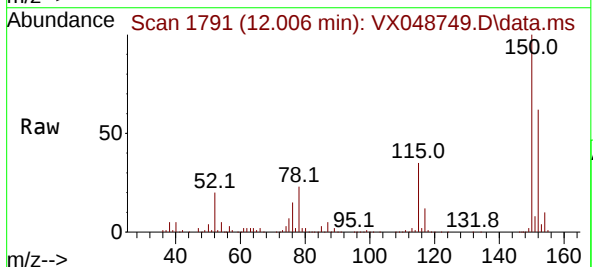
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425

Tgt Ion:117 Resp: 321746
Ion Ratio Lower Upper
117 100
82 57.3 44.1 66.1
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048749.D
Acq: 08 Dec 2025 13:14

Tgt Ion:152 Resp: 129079
Ion Ratio Lower Upper
152 100
115 58.7 42.1 126.4
150 159.6 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048752.D
Acq On : 08 Dec 2025 14:16
Operator : JC/MD
Sample : Q3787-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 09 04:10:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

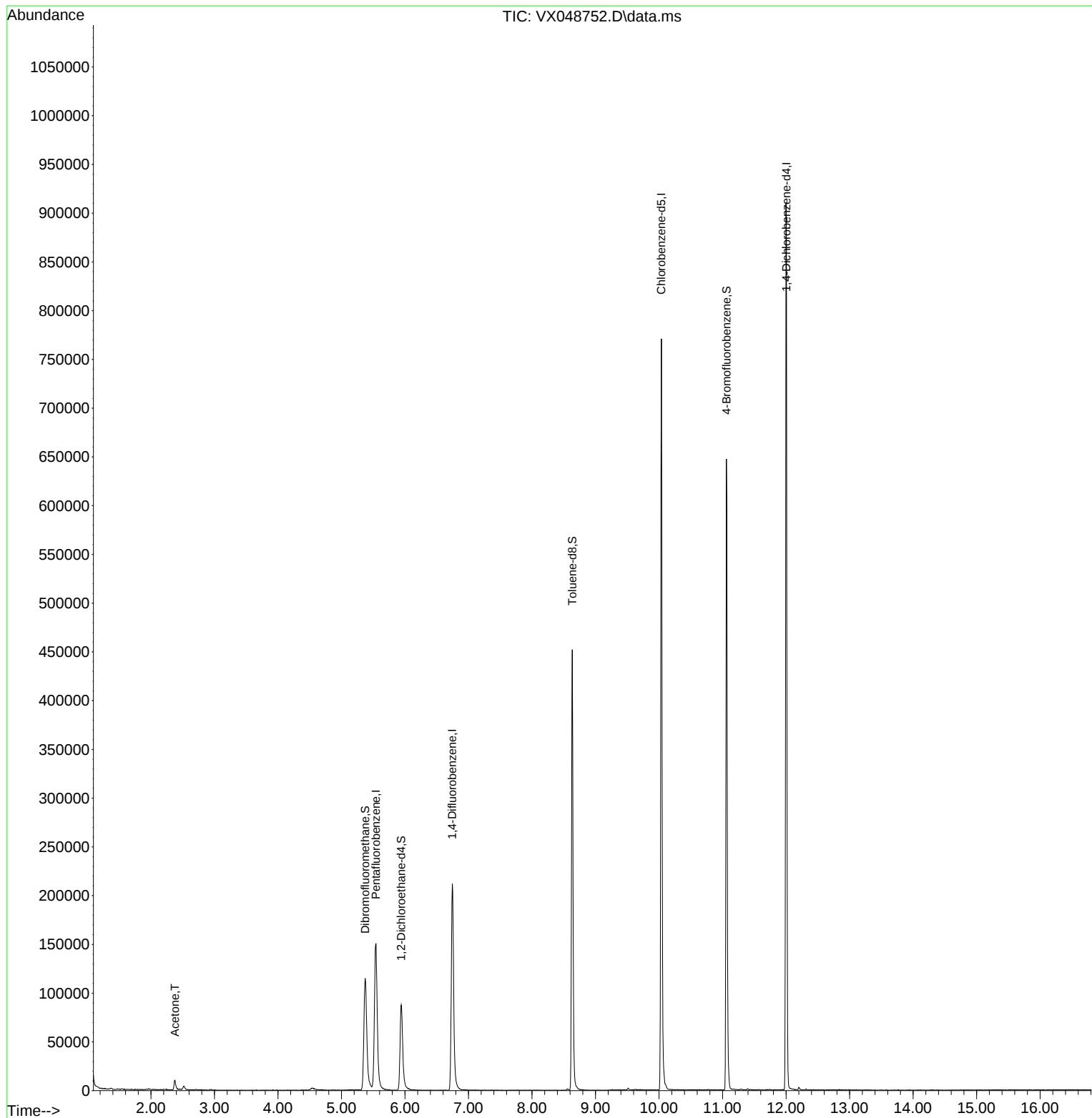
Internal Standards						
1) Pentafluorobenzene	5.544	168	152251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	235496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	353865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	191518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94036	46.017	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.373	113	115004	70.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	141.860%#
50) Toluene-d8	8.635	98	277928	48.898	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.061	95	181933	92.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	185.660%#
Target Compounds						
16) Acetone	2.380	43	13237	16.921	ug/l	Qvalue 98

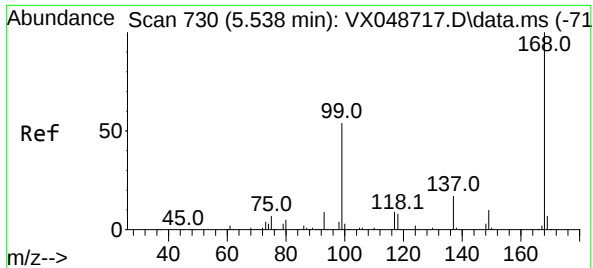
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048752.D
Acq On : 08 Dec 2025 14:16
Operator : JC/MD
Sample : Q3787-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425

Quant Time: Dec 09 04:10:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

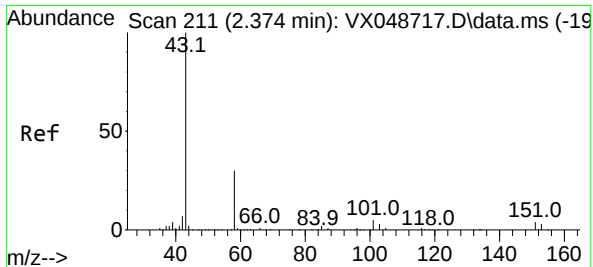
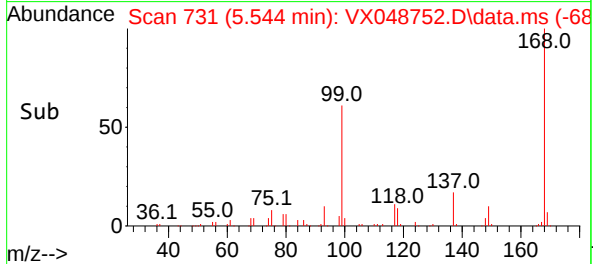
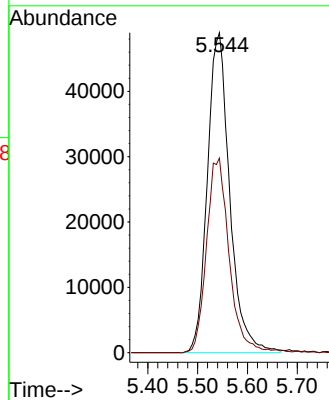
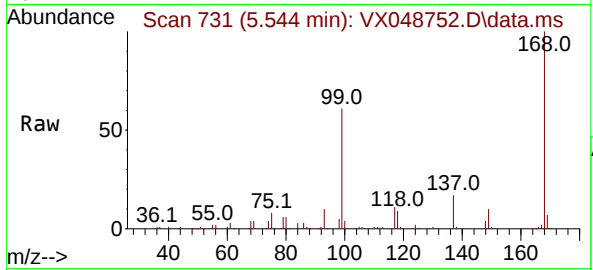




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048752.D
Acq: 08 Dec 2025 14:16

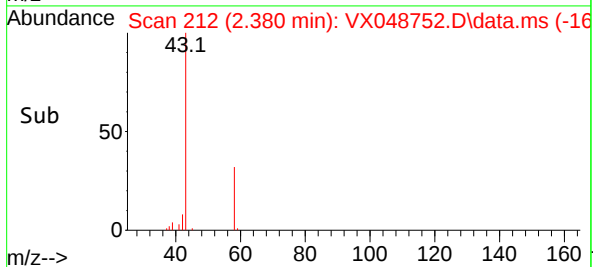
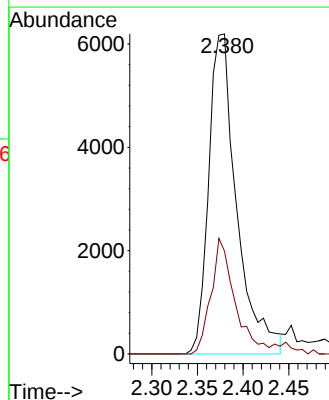
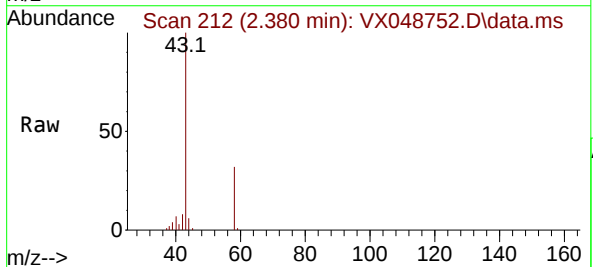
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425

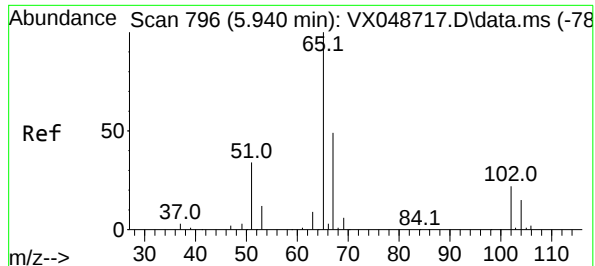
Tgt Ion:168 Resp: 152251
Ion Ratio Lower Upper
168 100
99 60.8 44.2 66.4



#16
Acetone
Concen: 16.921 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048752.D
Acq: 08 Dec 2025 14:16

Tgt Ion: 43 Resp: 13237
Ion Ratio Lower Upper
43 100
58 32.1 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 46.017 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048752.D

Acq: 08 Dec 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

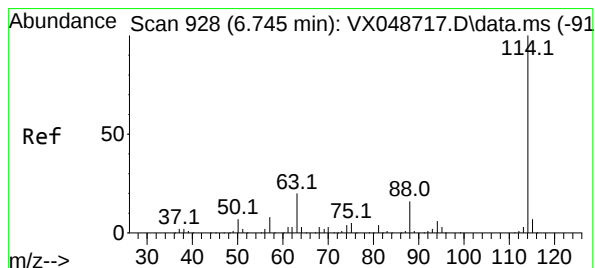
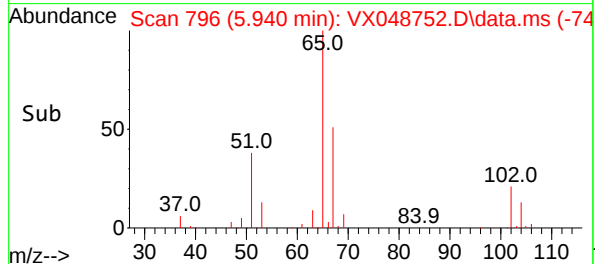
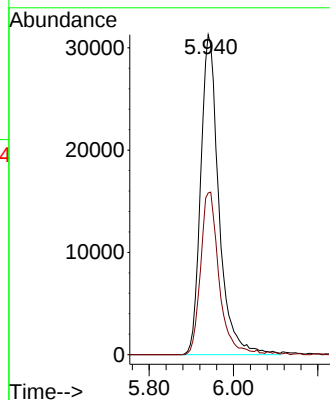
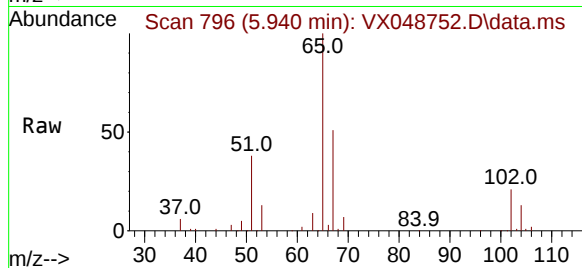
OWBR-02-170-120425

Tgt Ion: 65 Resp: 94036

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048752.D

Acq: 08 Dec 2025 14:16

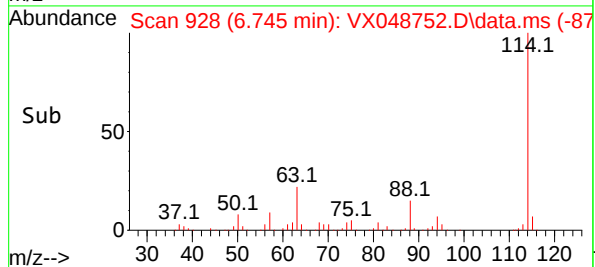
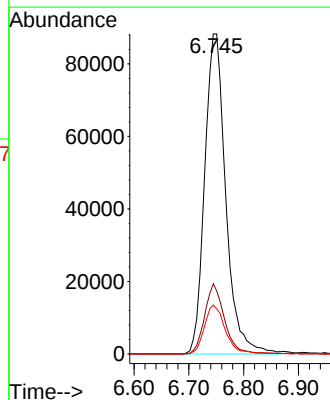
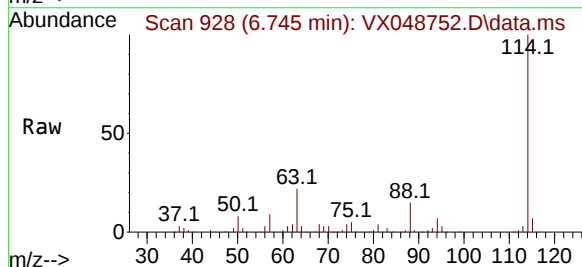
Tgt Ion: 114 Resp: 235496

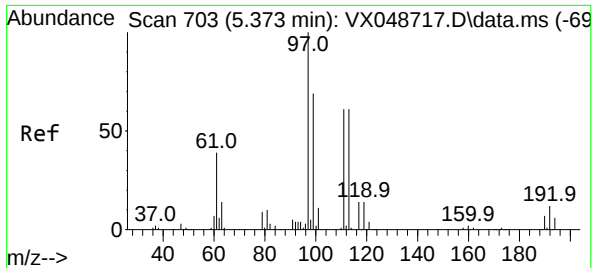
Ion Ratio Lower Upper

114 100

63 22.0 0.0 39.0

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 70.925 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048752.D

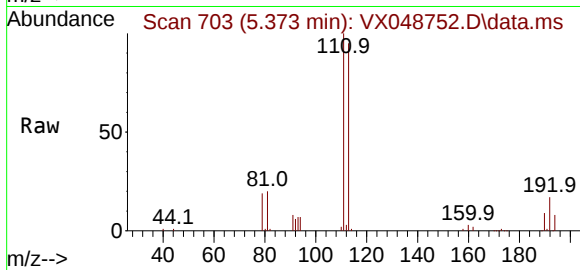
Acq: 08 Dec 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425



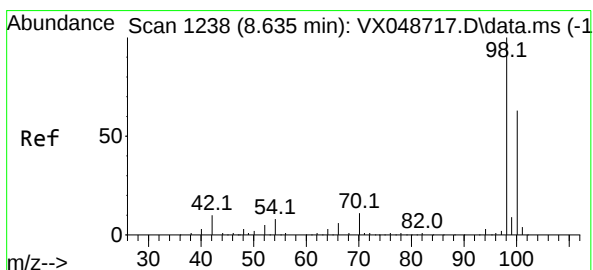
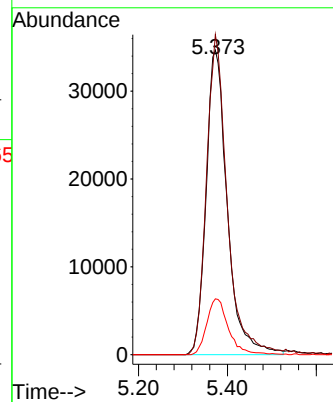
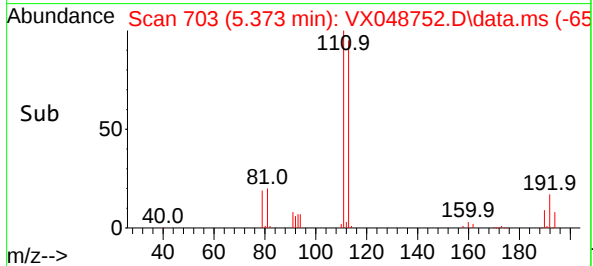
Tgt Ion:113 Resp: 115004

Ion Ratio Lower Upper

113 100

111 103.6 79.5 119.3

192 18.7 16.1 24.1



#50

Toluene-d8

Concen: 48.898 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048752.D

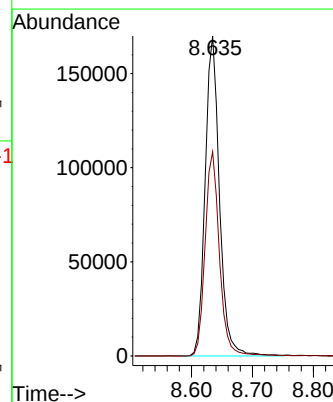
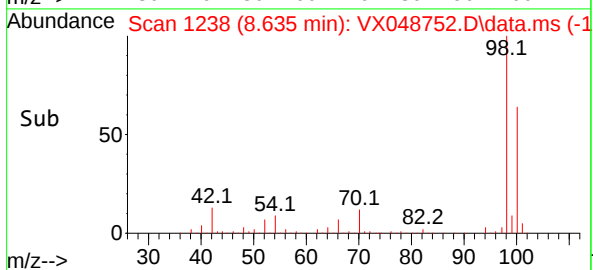
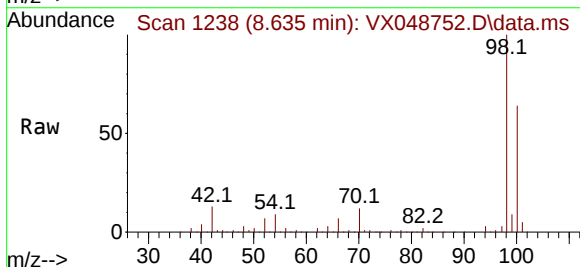
Acq: 08 Dec 2025 14:16

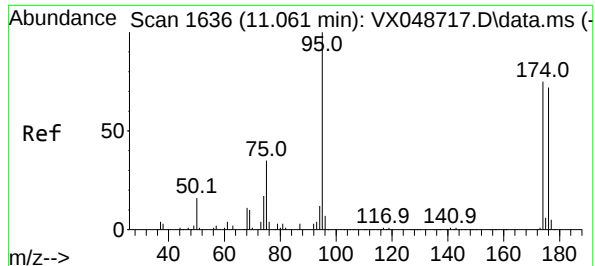
Tgt Ion: 98 Resp: 277928

Ion Ratio Lower Upper

98 100

100 63.8 53.4 80.0

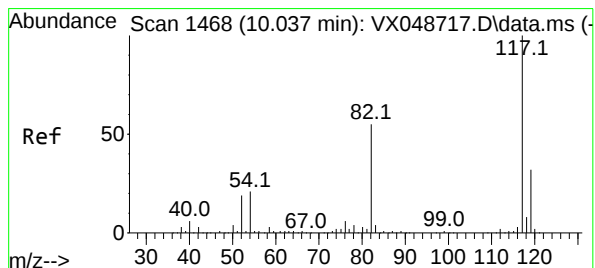
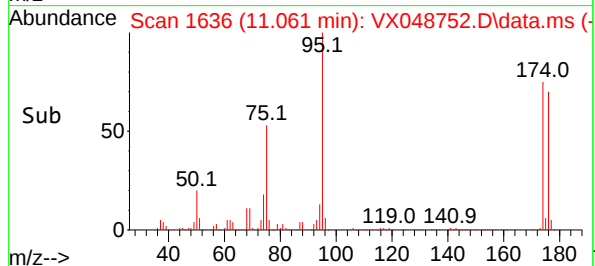
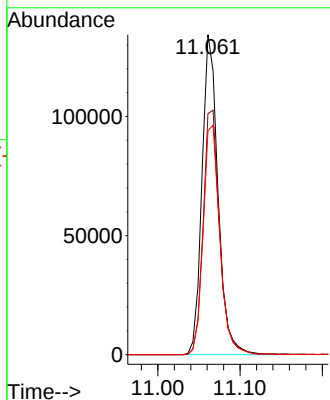
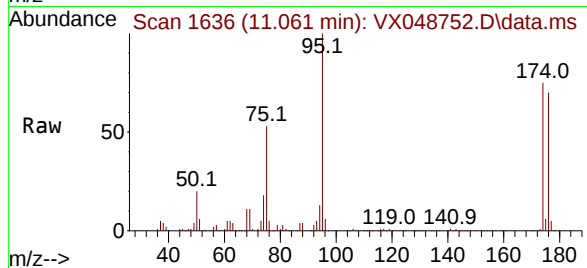




#62
4-Bromofluorobenzene
Concen: 92.825 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048752.D
Acq: 08 Dec 2025 14:16

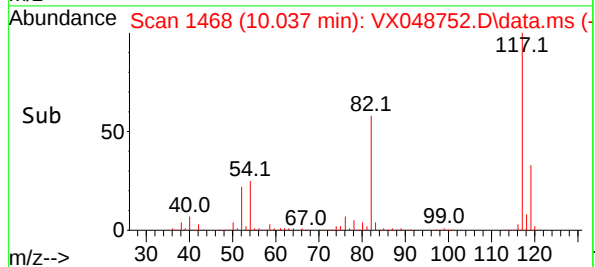
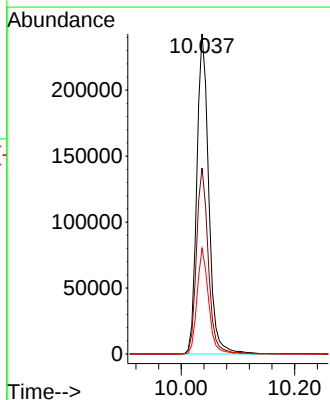
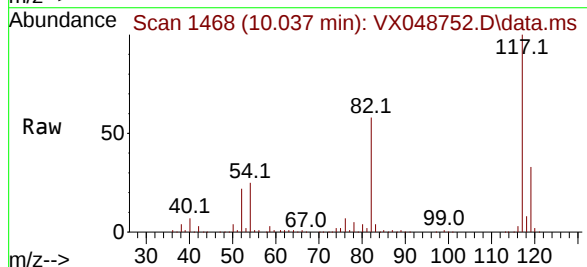
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425

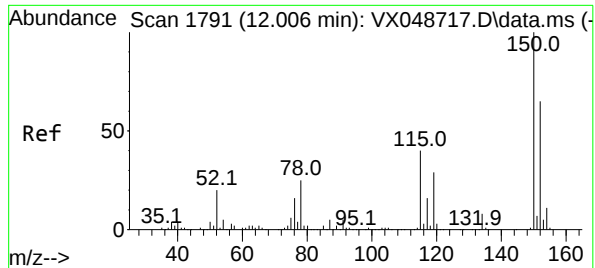
Tgt Ion: 95 Resp: 181933
Ion Ratio Lower Upper
95 100
174 78.6 0.0 157.8
176 74.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048752.D
Acq: 08 Dec 2025 14:16

Tgt Ion: 117 Resp: 353865
Ion Ratio Lower Upper
117 100
82 58.1 44.1 66.1
119 33.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048752.D

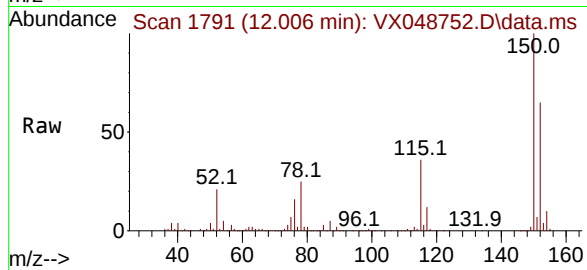
Acq: 08 Dec 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425



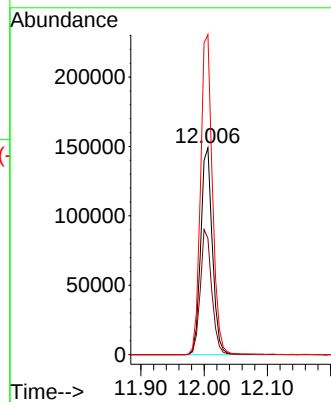
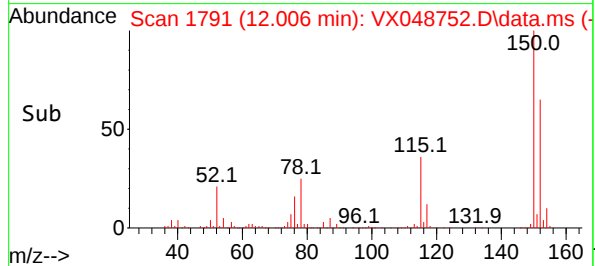
Tgt Ion:152 Resp: 191518

Ion Ratio Lower Upper

152 100

115 59.6 42.1 126.4

150 157.4 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048807.D
 Acq On : 10 Dec 2025 13:49
 Operator : JC/MD
 Sample : Q3787-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425RE

Quant Time: Dec 11 00:21:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

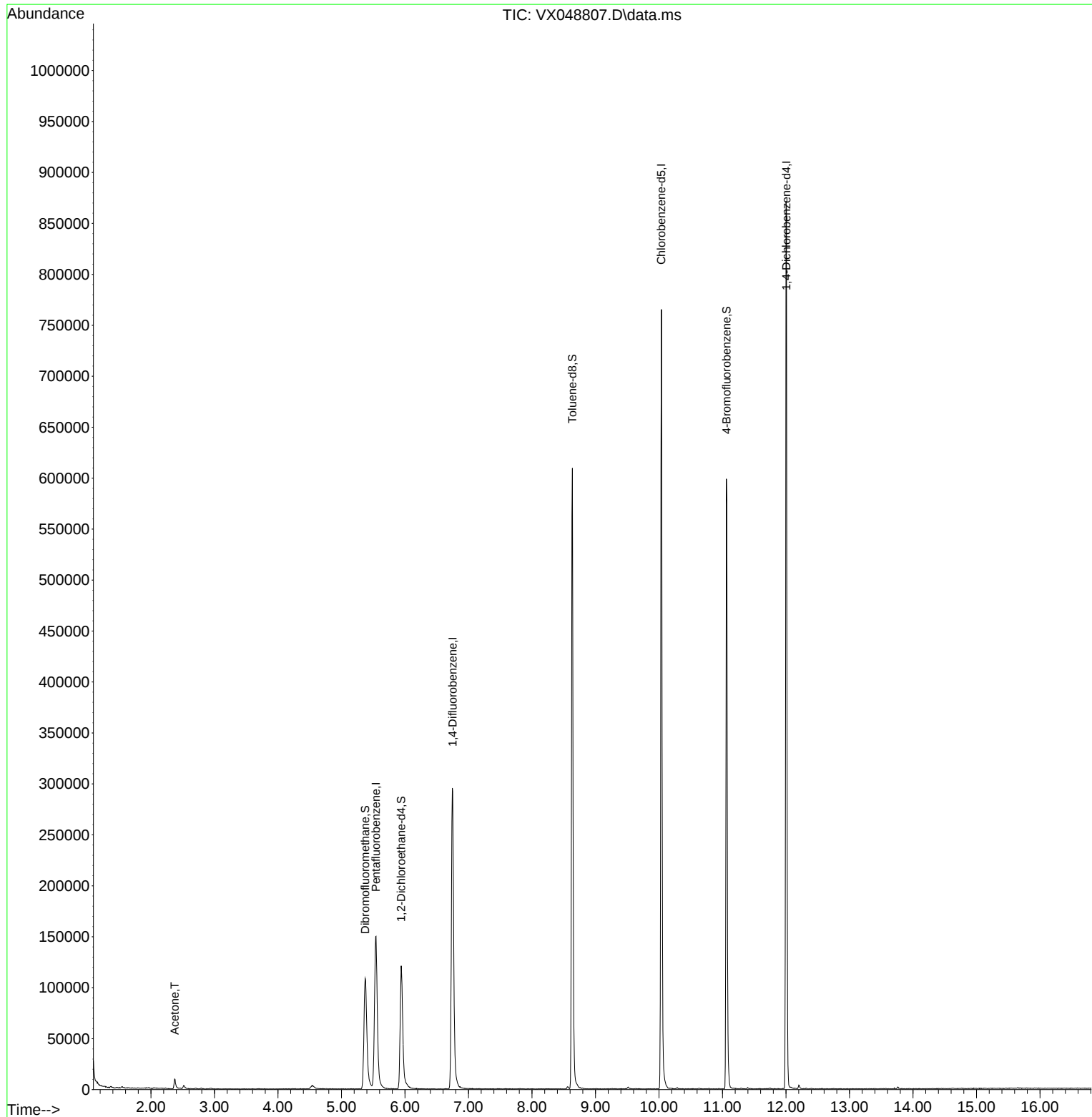
Internal Standards						
1) Pentafluorobenzene	5.544	168	160525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	337243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	371573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	199241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129478	60.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	120.200%#
35) Dibromofluoromethane	5.373	113	110759	47.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	8.635	98	387316	47.585	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.061	95	175644	62.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	125.160%#
Target Compounds						
16) Acetone	2.374	43	12860	15.592	ug/l	Qvalue 96

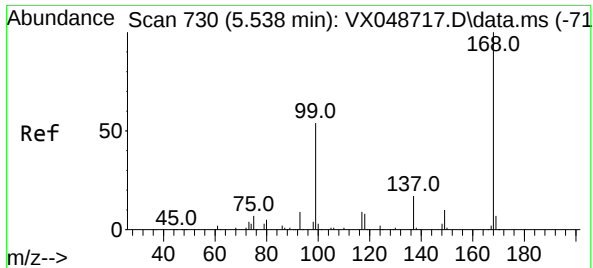
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048807.D
Acq On : 10 Dec 2025 13:49
Operator : JC/MD
Sample : Q3787-07RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

Quant Time: Dec 11 00:21:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

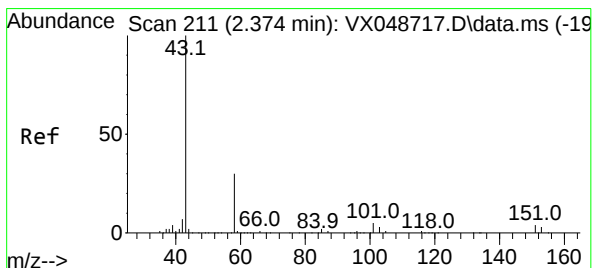
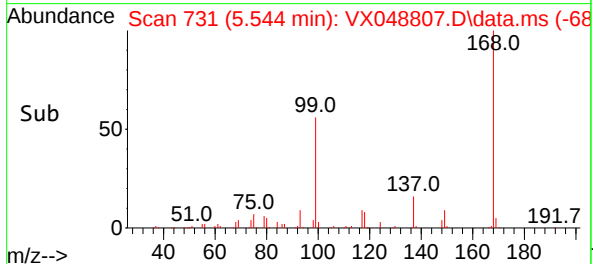
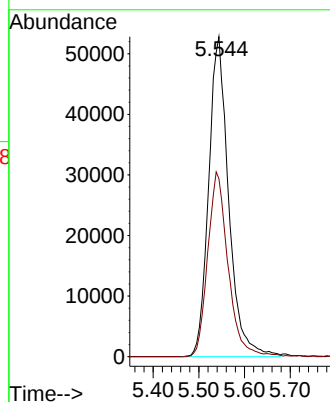
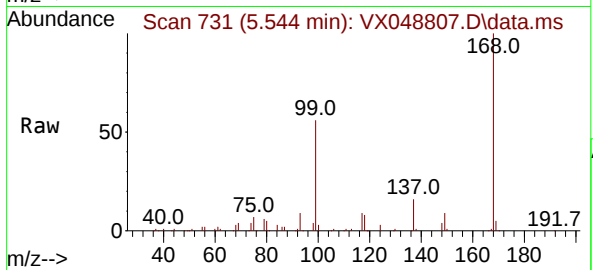




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

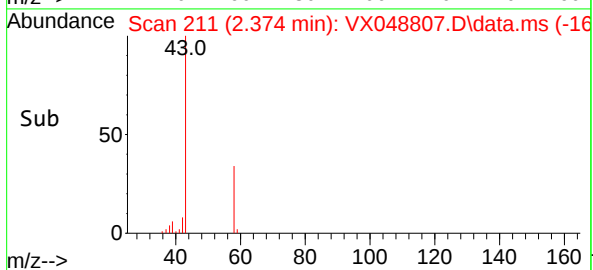
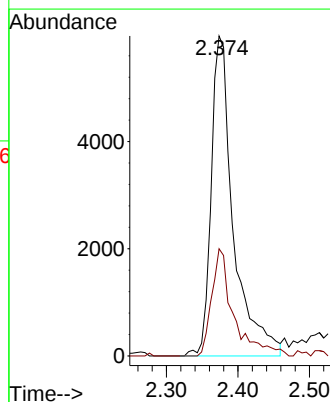
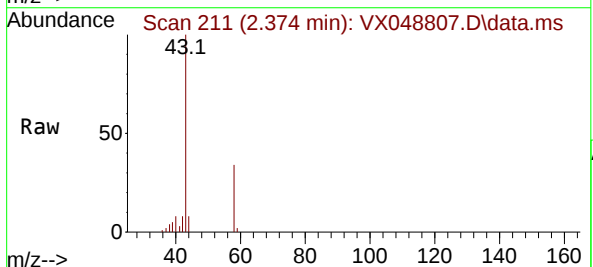
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

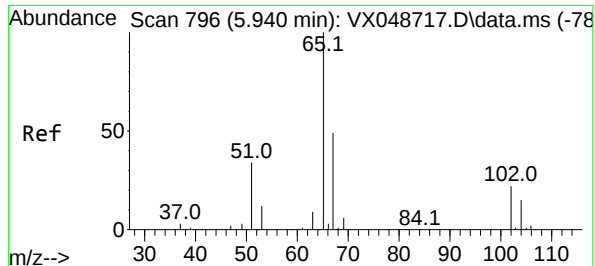
Tgt Ion:168 Resp: 160525
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#16
Acetone
Concen: 15.592 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 43 Resp: 12860
Ion Ratio Lower Upper
43 100
58 33.5 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 60.095 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048807.D

Acq: 10 Dec 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

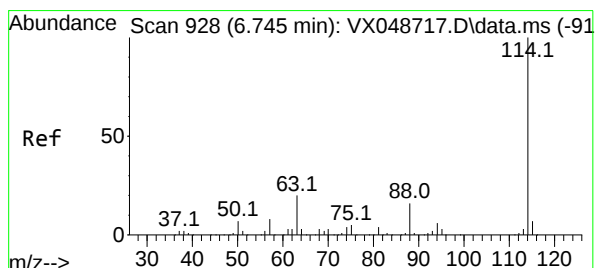
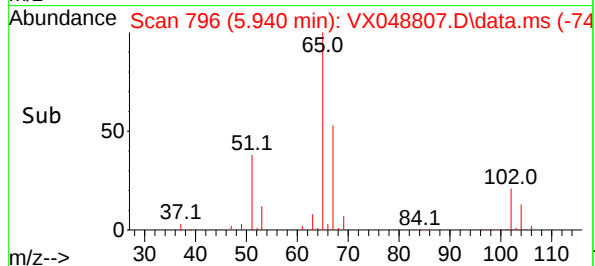
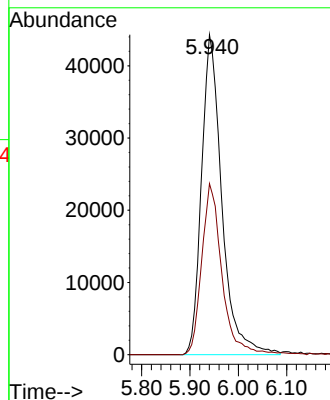
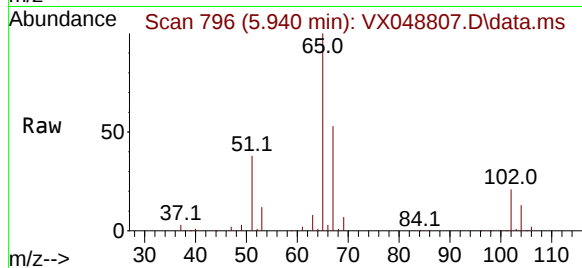
OWBR-02-170-120425RE

Tgt Ion: 65 Resp: 129478

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048807.D

Acq: 10 Dec 2025 13:49

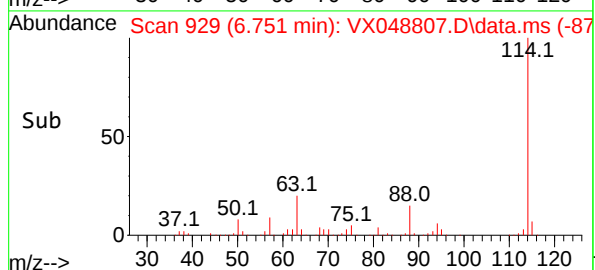
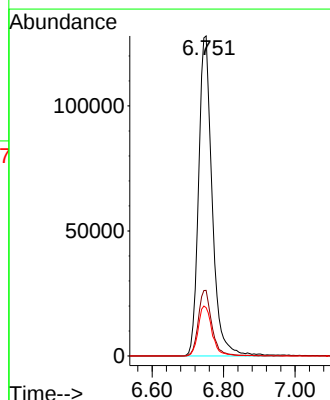
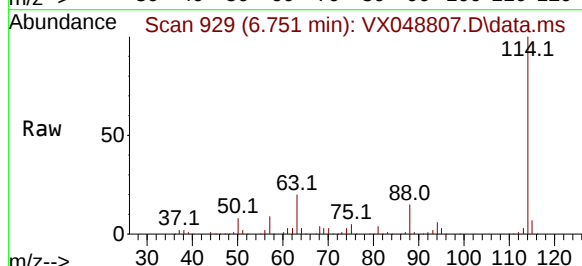
Tgt Ion: 114 Resp: 337243

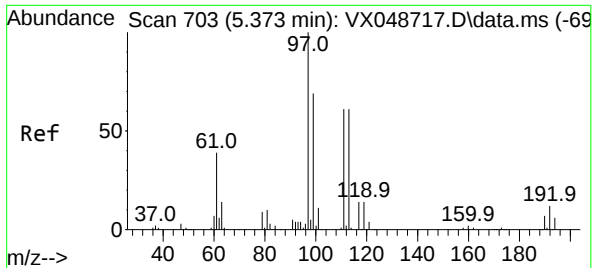
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.699 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048807.D

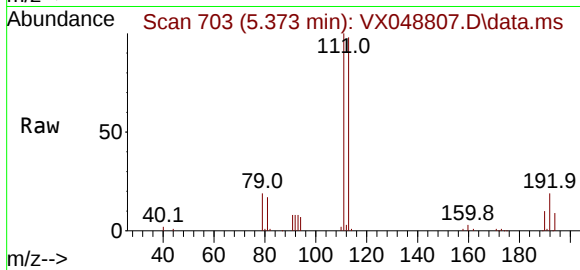
Acq: 10 Dec 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425RE



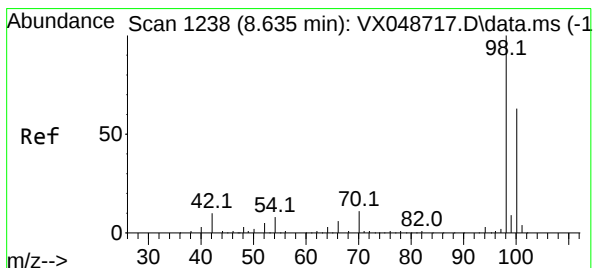
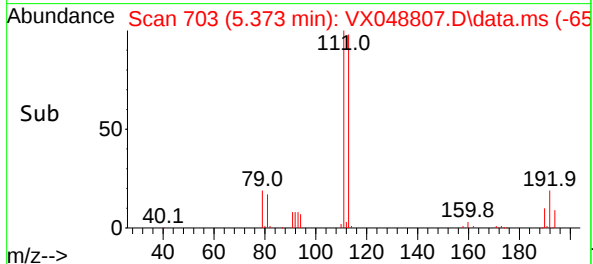
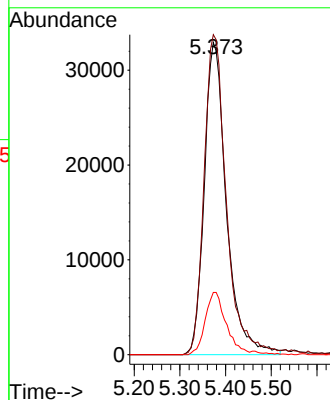
Tgt Ion:113 Resp: 110759

Ion Ratio Lower Upper

113 100

111 103.0 79.5 119.3

192 18.8 16.1 24.1



#50

Toluene-d8

Concen: 47.585 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048807.D

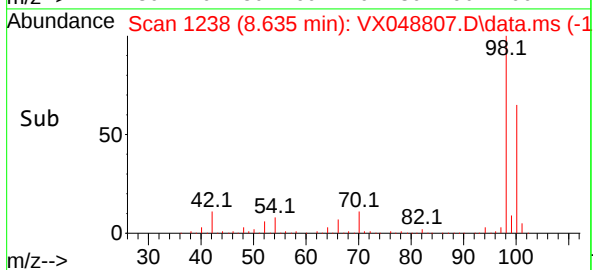
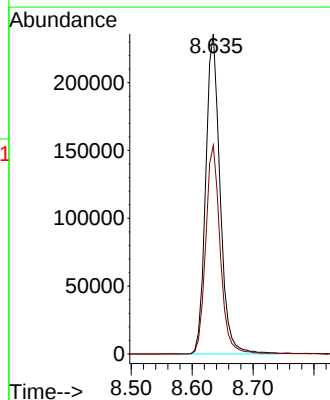
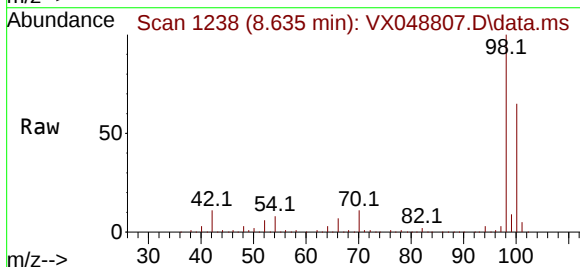
Acq: 10 Dec 2025 13:49

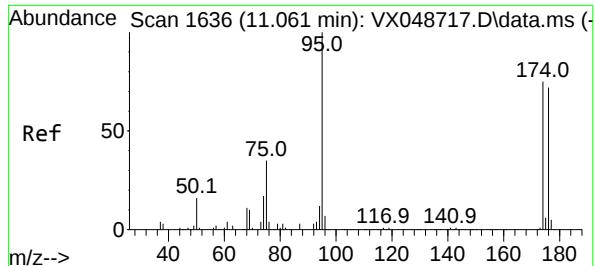
Tgt Ion: 98 Resp: 387316

Ion Ratio Lower Upper

98 100

100 65.8 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 62.579 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048807.D

Acq: 10 Dec 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425RE

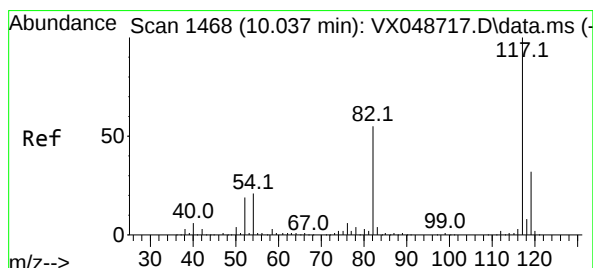
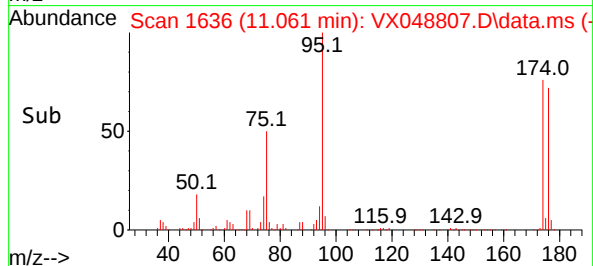
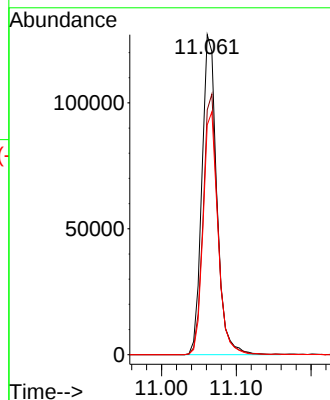
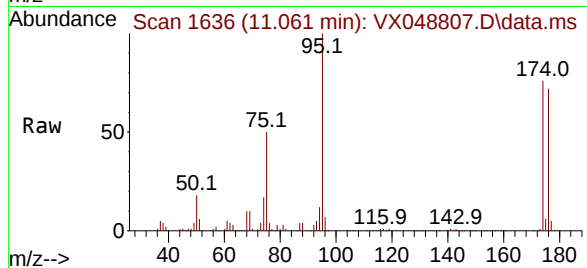
Tgt Ion: 95 Resp: 175644

Ion Ratio Lower Upper

95 100

174 80.6 0.0 157.8

176 76.1 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048807.D

Acq: 10 Dec 2025 13:49

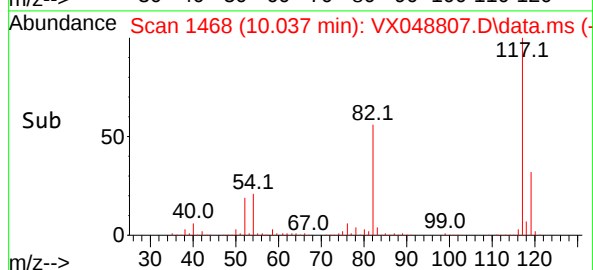
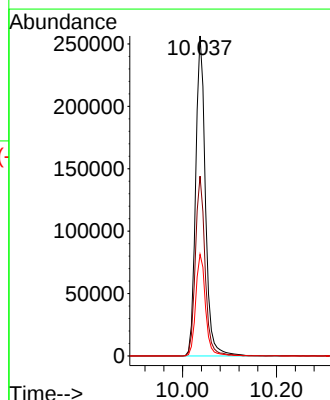
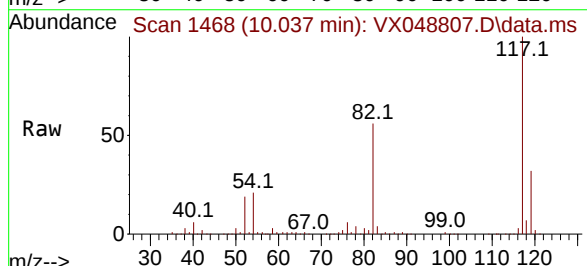
Tgt Ion: 117 Resp: 371573

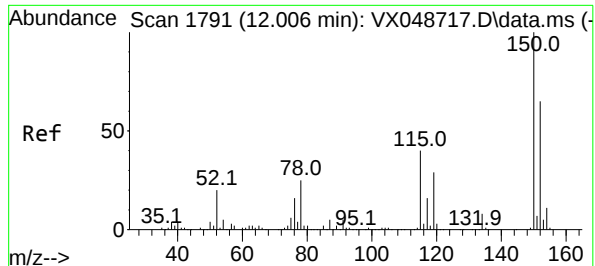
Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

119 31.8 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048807.D

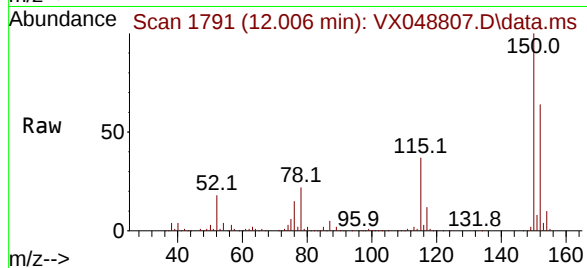
Acq: 10 Dec 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425RE



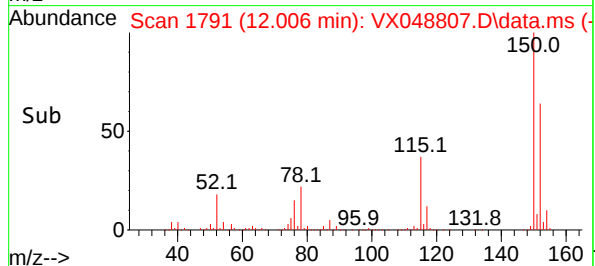
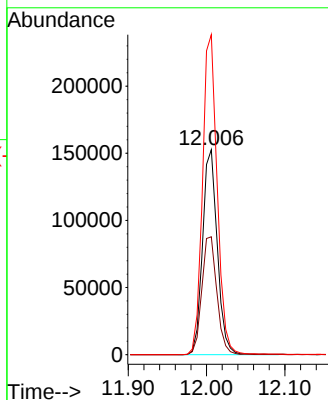
Tgt Ion:152 Resp: 199241

Ion Ratio Lower Upper

152 100

115 58.9 42.1 126.4

150 155.7 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048753.D
 Acq On : 08 Dec 2025 14:36
 Operator : JC/MD
 Sample : Q3787-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425-FD

Quant Time: Dec 09 04:10:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

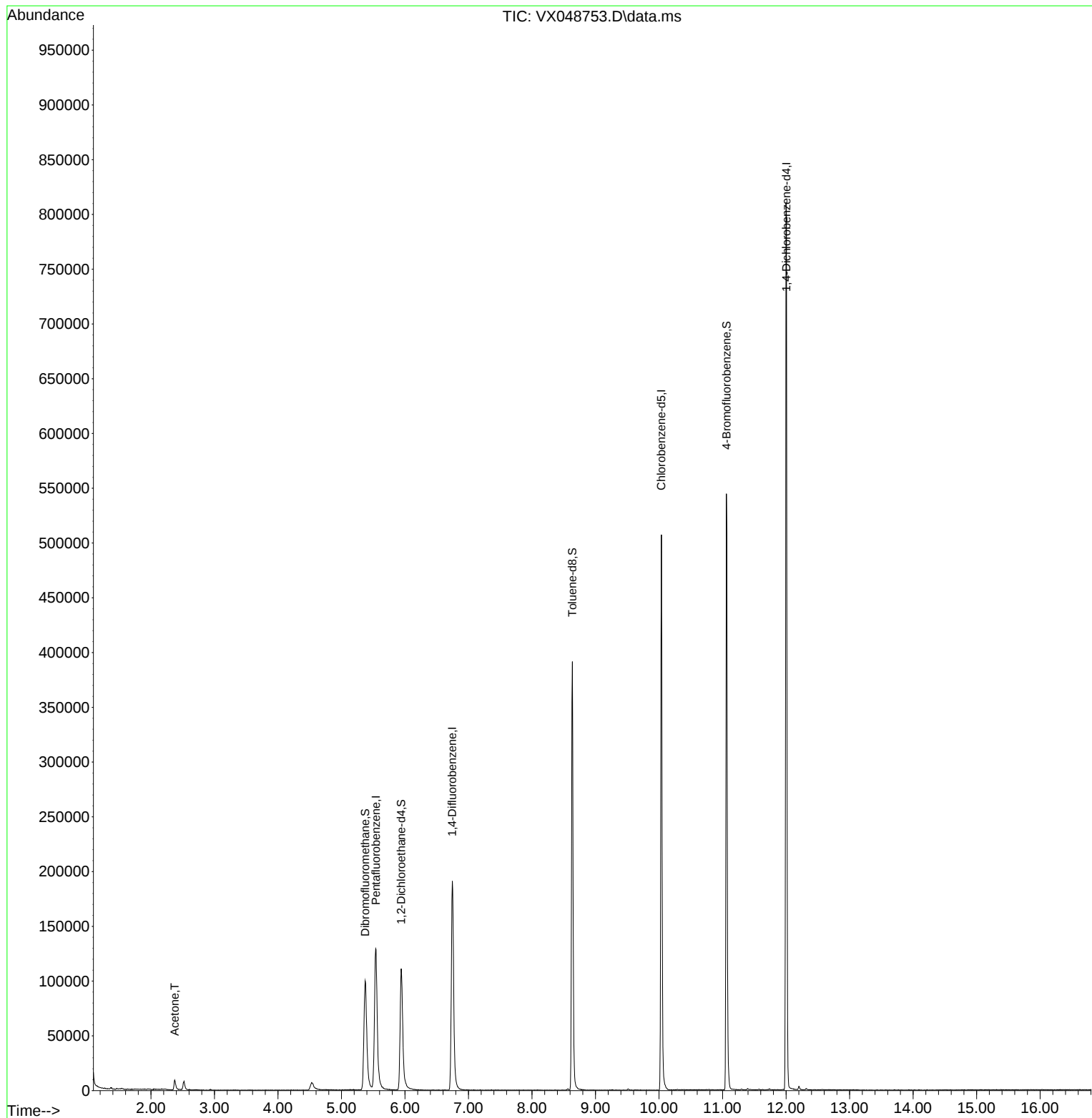
Internal Standards						
1) Pentafluorobenzene	5.543	168	129874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	212277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	232388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	176527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	123816	71.030	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	142.060%#
35) Dibromofluoromethane	5.373	113	97967	67.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	134.060%#
50) Toluene-d8	8.634	98	243890	47.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.200%
62) 4-Bromofluorobenzene	11.061	95	151305	85.642	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	171.280%#
Target Compounds						
16) Acetone	2.373	43	12145	18.200	ug/l	Qvalue # 84

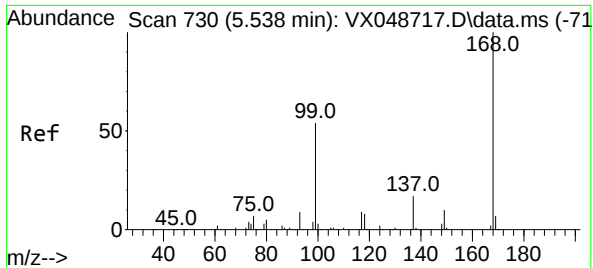
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048753.D
Acq On : 08 Dec 2025 14:36
Operator : JC/MD
Sample : Q3787-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FD

Quant Time: Dec 09 04:10:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

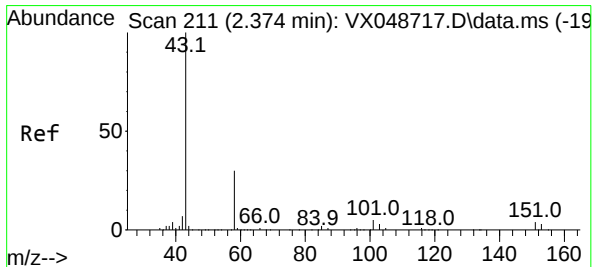
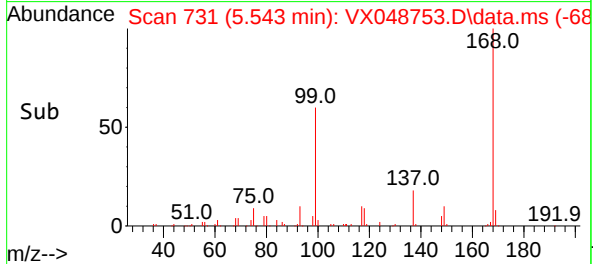
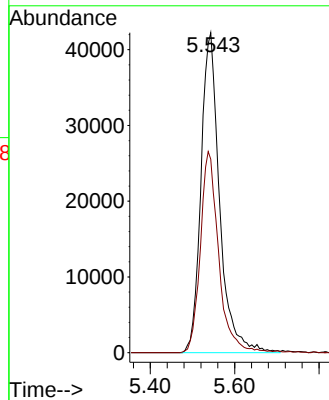
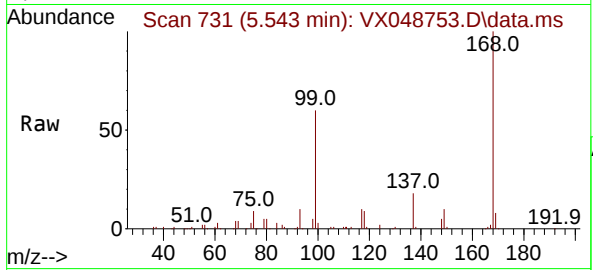




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX048753.D
Acq: 08 Dec 2025 14:36

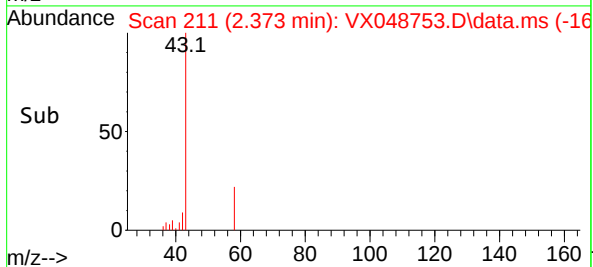
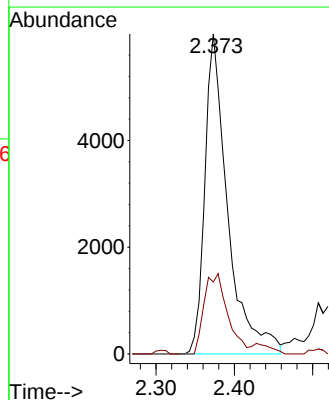
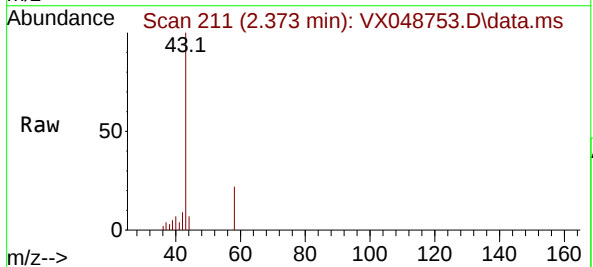
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FD

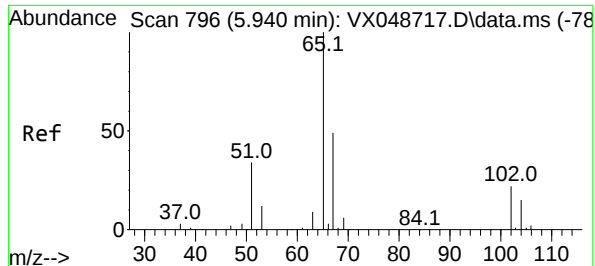
Tgt Ion:168 Resp: 129874
Ion Ratio Lower Upper
168 100
99 60.5 44.2 66.4



#16
Acetone
Concen: 18.200 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048753.D
Acq: 08 Dec 2025 14:36

Tgt Ion: 43 Resp: 12145
Ion Ratio Lower Upper
43 100
58 22.5 25.0 37.4#





#33

1,2-Dichloroethane-d4

Concen: 71.030 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048753.D

Acq: 08 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

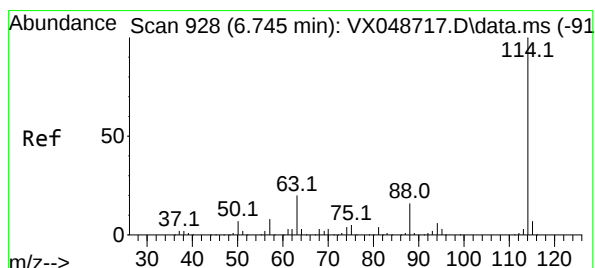
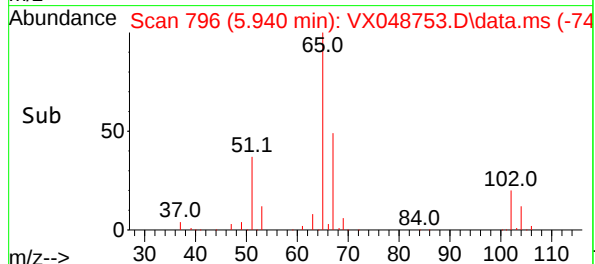
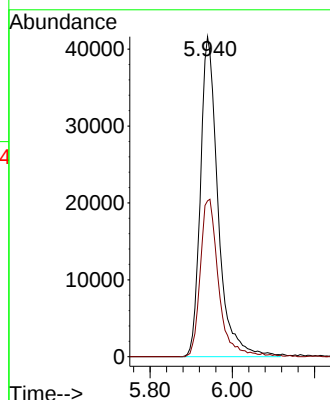
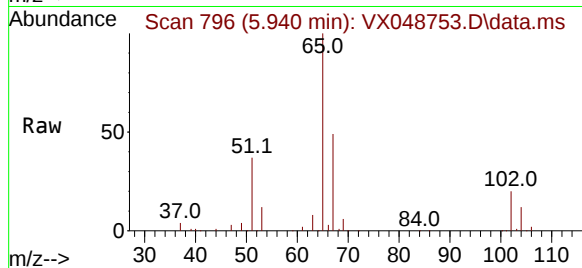
OWBR-02-170-120425-FD

Tgt Ion: 65 Resp: 123816

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048753.D

Acq: 08 Dec 2025 14:36

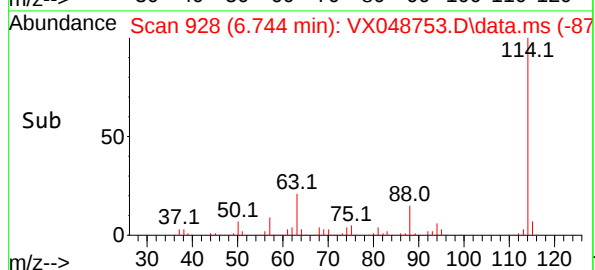
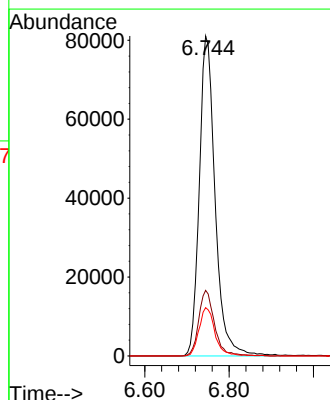
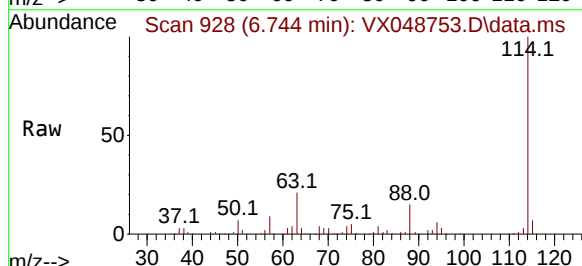
Tgt Ion: 114 Resp: 212277

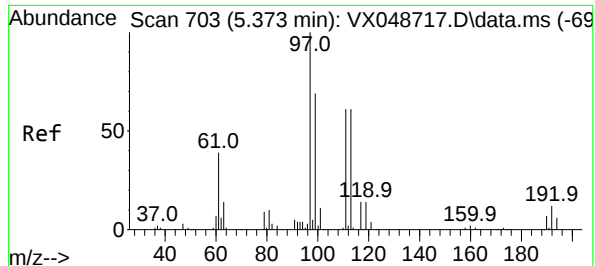
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 67.027 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048753.D

Acq: 08 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425-FD

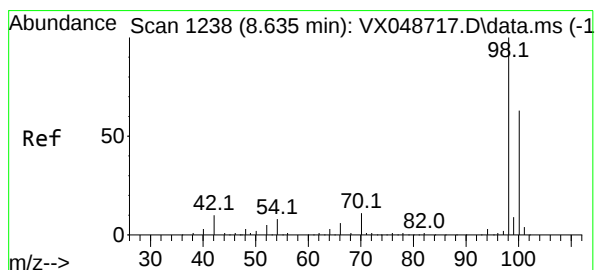
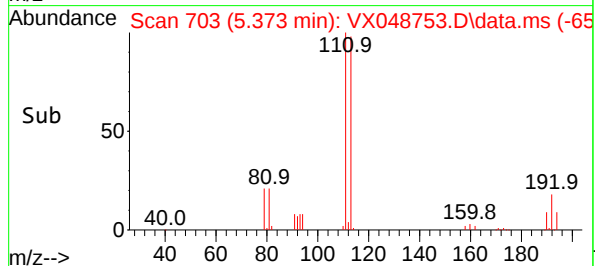
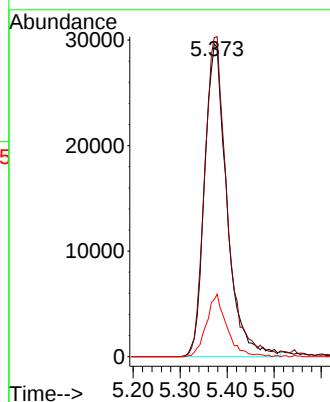
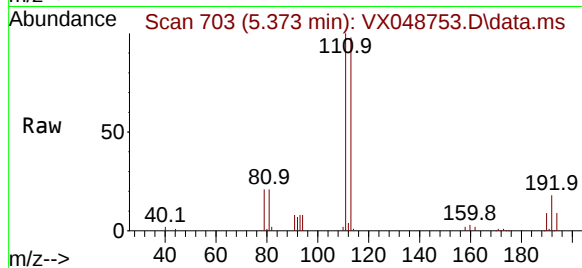
Tgt Ion:113 Resp: 97967

Ion Ratio Lower Upper

113 100

111 102.4 79.5 119.3

192 18.3 16.1 24.1



#50

Toluene-d8

Concen: 47.603 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048753.D

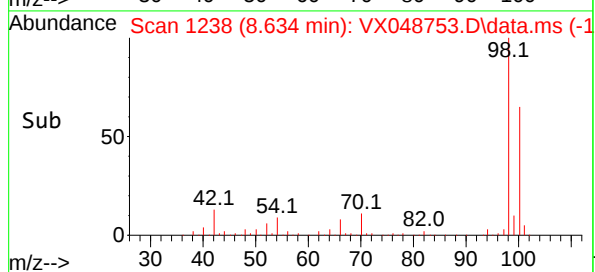
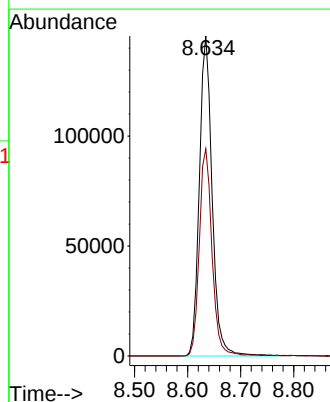
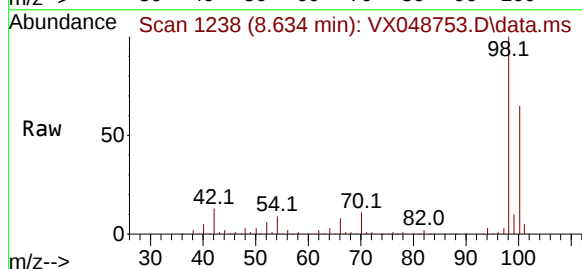
Acq: 08 Dec 2025 14:36

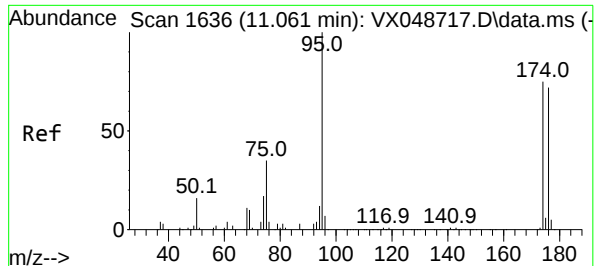
Tgt Ion: 98 Resp: 243890

Ion Ratio Lower Upper

98 100

100 64.7 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 85.642 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048753.D

Acq: 08 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425-FD

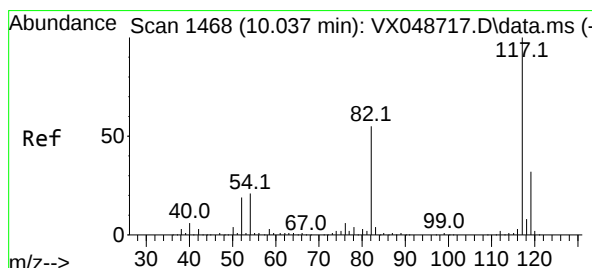
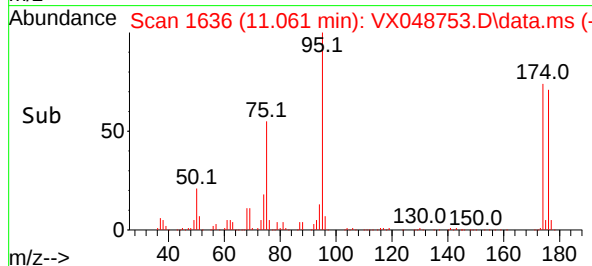
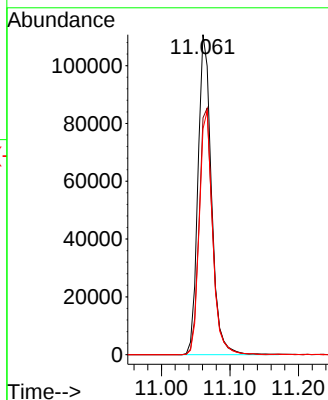
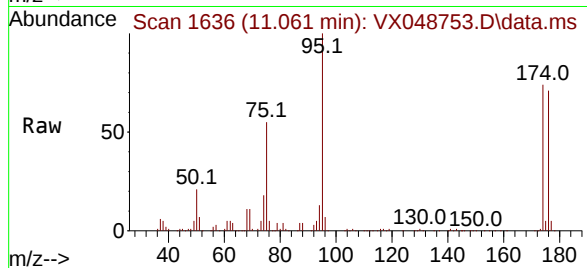
Tgt Ion: 95 Resp: 151305

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.8

176 75.2 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048753.D

Acq: 08 Dec 2025 14:36

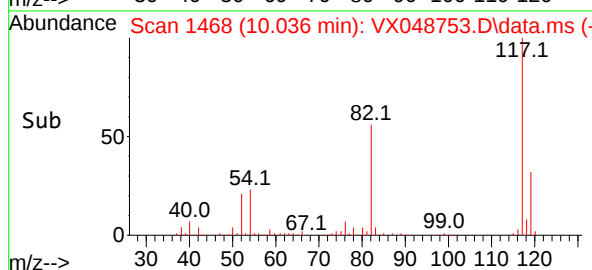
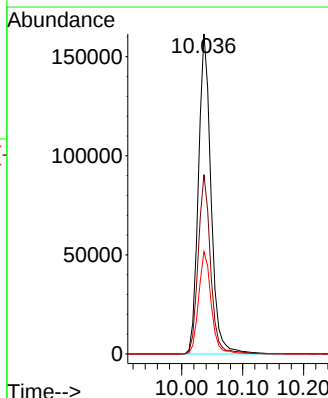
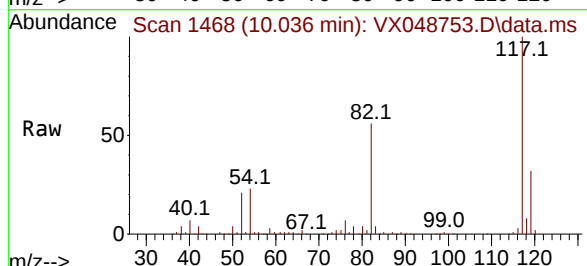
Tgt Ion: 117 Resp: 232388

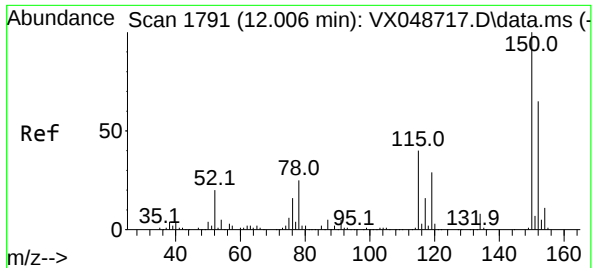
Ion Ratio Lower Upper

117 100

82 56.1 44.1 66.1

119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048753.D

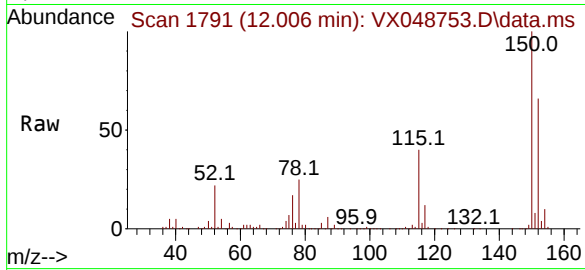
Acq: 08 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425-FD



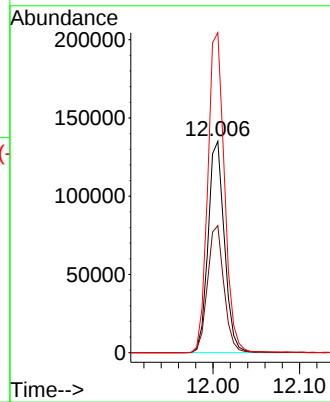
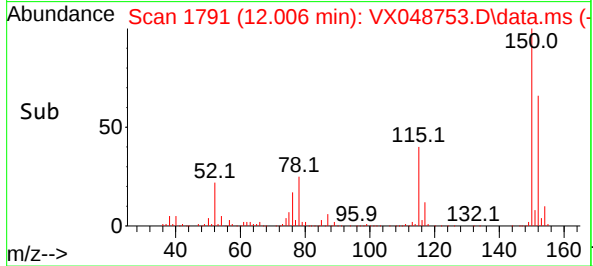
Tgt Ion:152 Resp: 176527

Ion Ratio Lower Upper

152 100

115 60.8 42.1 126.4

150 155.5 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048808.D
 Acq On : 10 Dec 2025 14:10
 Operator : JC/MD
 Sample : Q3787-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425-FDRE

Quant Time: Dec 11 00:22:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

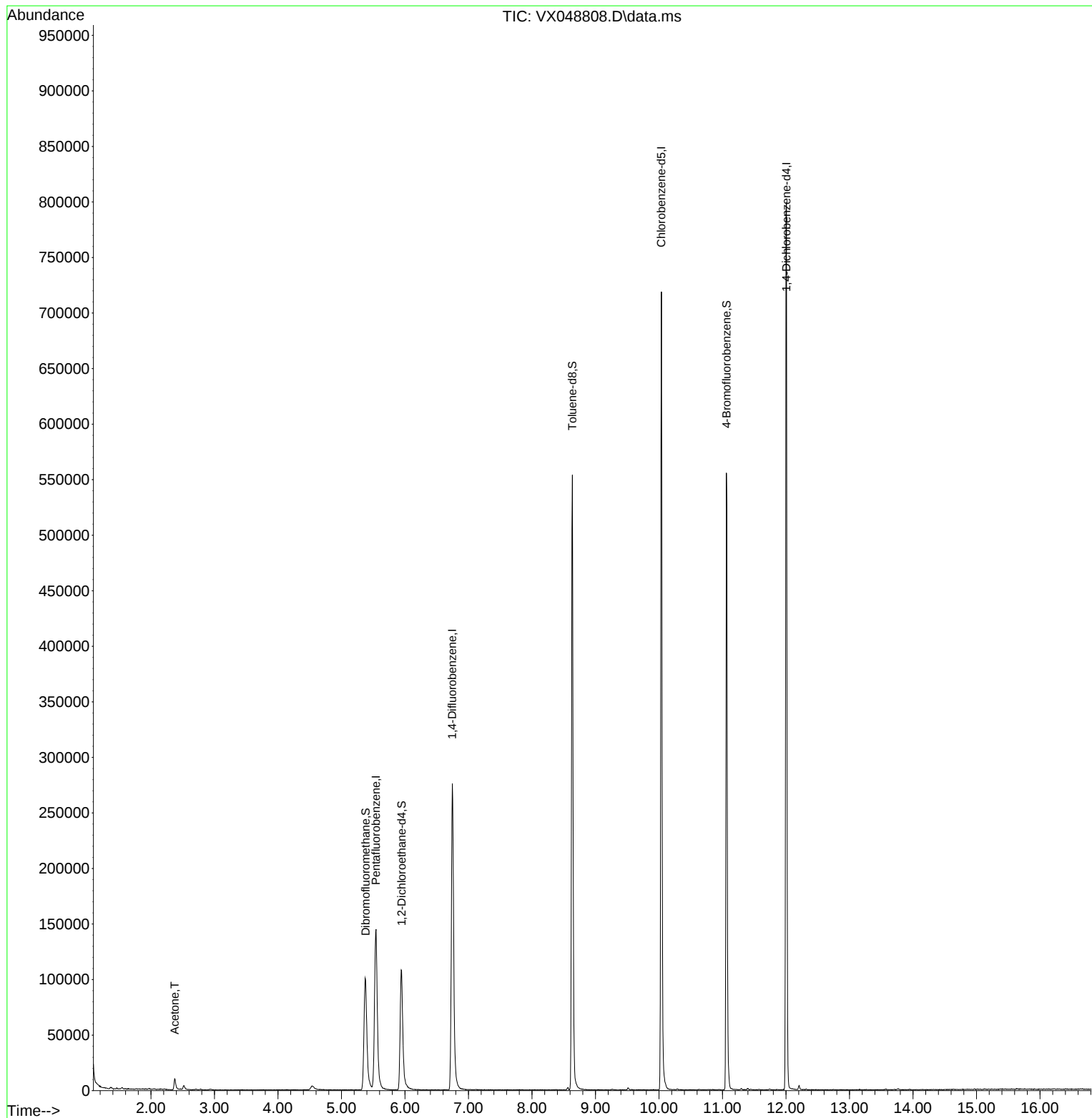
Internal Standards						
1) Pentafluorobenzene	5.544	168	150728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	313869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	341495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	184829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	120292	59.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.920%#
35) Dibromofluoromethane	5.379	113	102752	47.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.635	98	359487	47.455	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.900%
62) 4-Bromofluorobenzene	11.061	95	159804	61.175	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.360%
Target Compounds						
16) Acetone	2.374	43	13514	17.450	ug/l	Qvalue 92

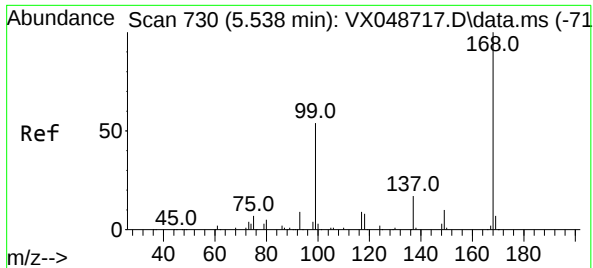
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048808.D
Acq On : 10 Dec 2025 14:10
Operator : JC/MD
Sample : Q3787-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

Quant Time: Dec 11 00:22:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

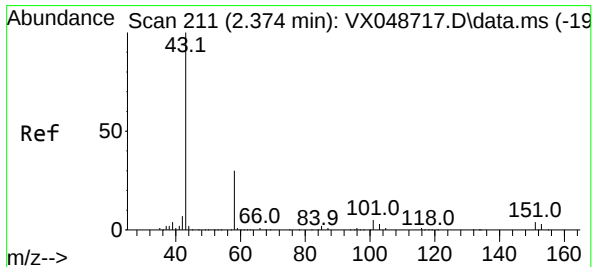
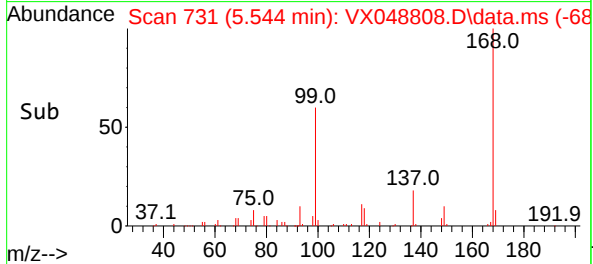
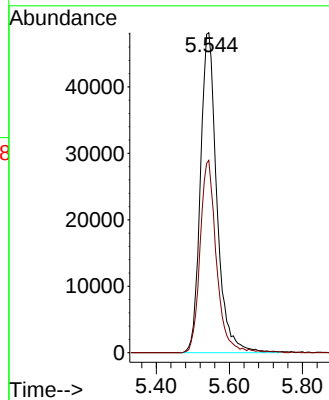
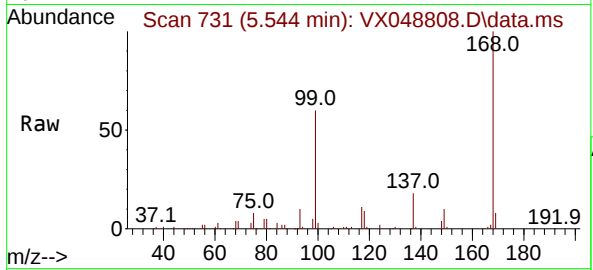




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

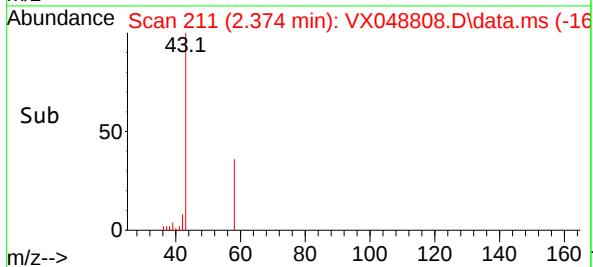
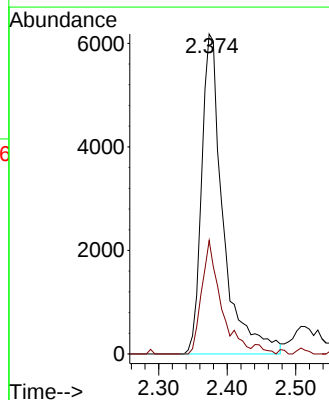
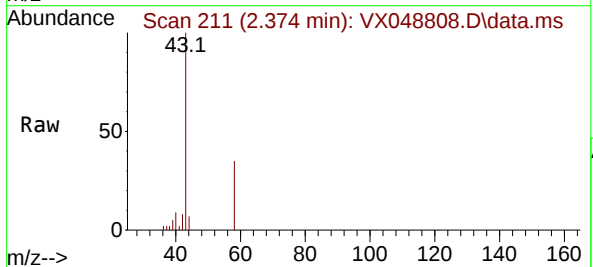
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

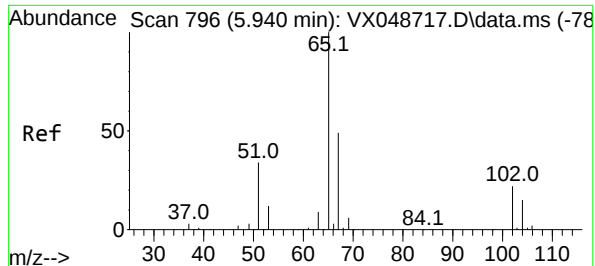
Tgt Ion:168 Resp: 150728
Ion Ratio Lower Upper
168 100
99 60.1 44.2 66.4



#16
Acetone
Concen: 17.450 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion: 43 Resp: 13514
Ion Ratio Lower Upper
43 100
58 35.4 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 59.461 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048808.D

Acq: 10 Dec 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

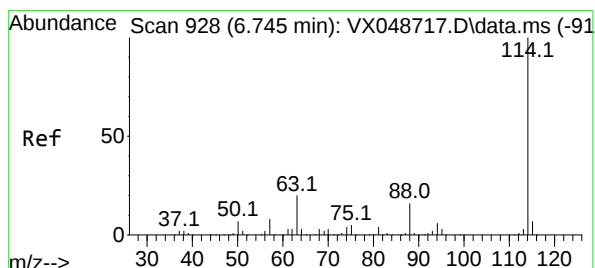
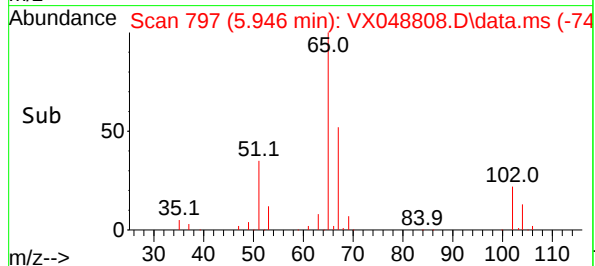
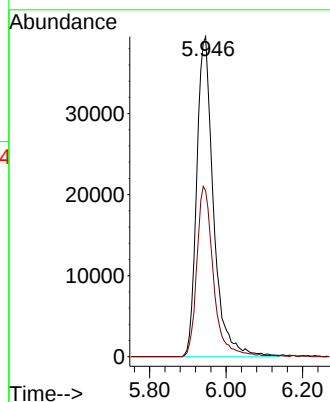
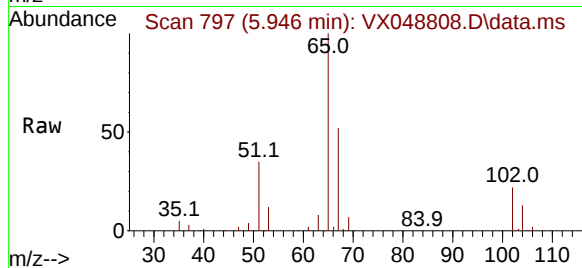
OWBR-02-170-120425-FDRE

Tgt Ion: 65 Resp: 120292

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048808.D

Acq: 10 Dec 2025 14:10

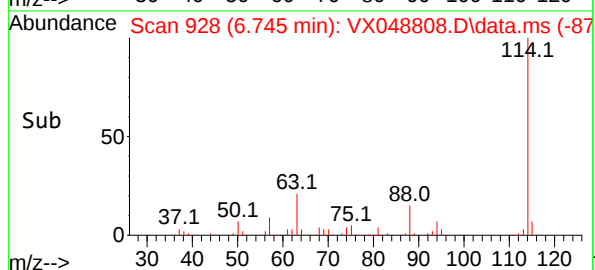
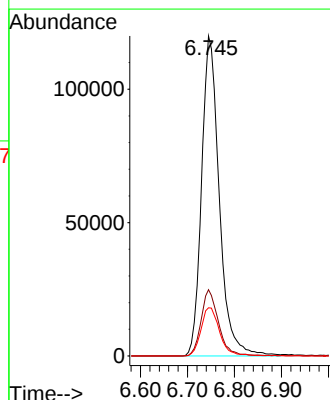
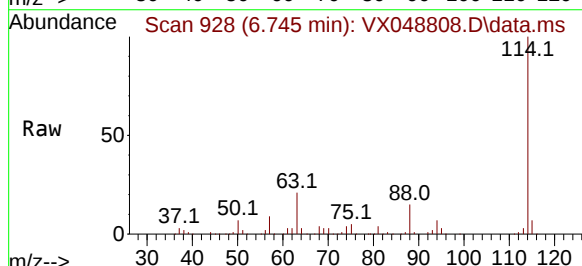
Tgt Ion: 114 Resp: 313869

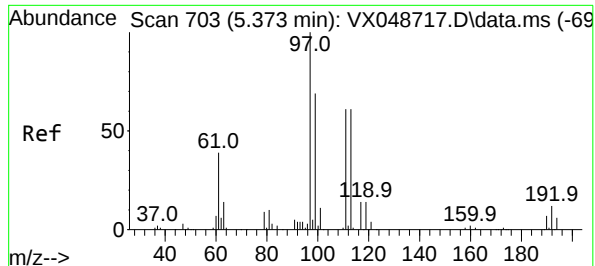
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.546 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048808.D

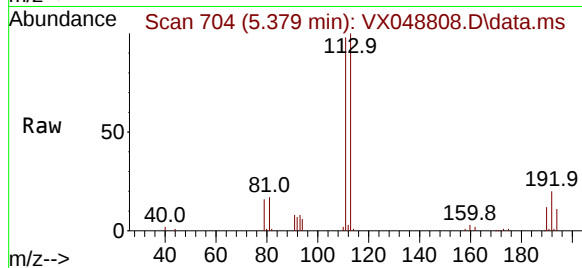
Acq: 10 Dec 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425-FDRE



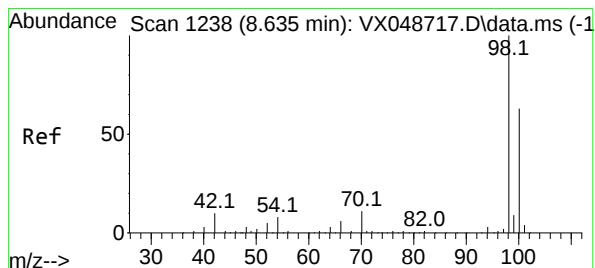
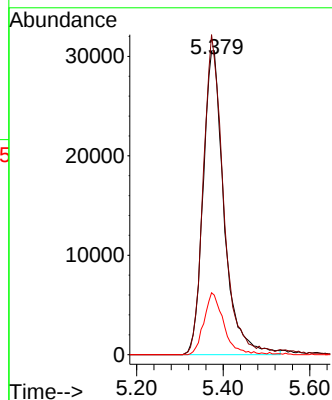
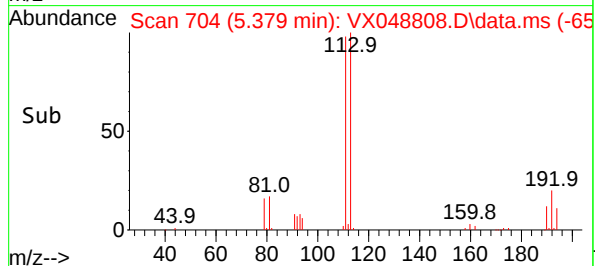
Tgt Ion:113 Resp: 102752

Ion Ratio Lower Upper

113 100

111 101.3 79.5 119.3

192 19.3 16.1 24.1



#50

Toluene-d8

Concen: 47.455 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048808.D

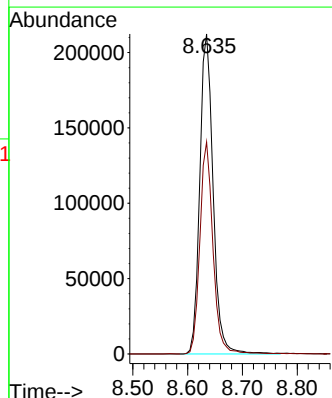
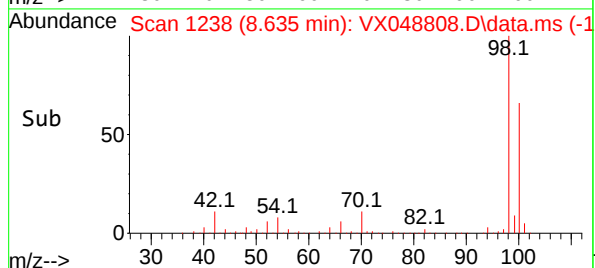
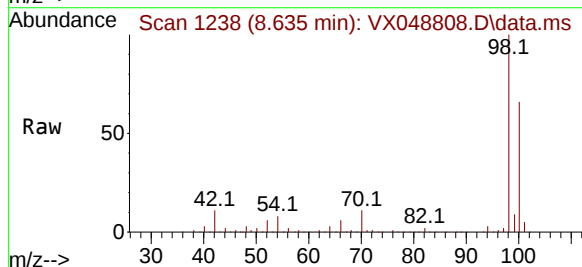
Acq: 10 Dec 2025 14:10

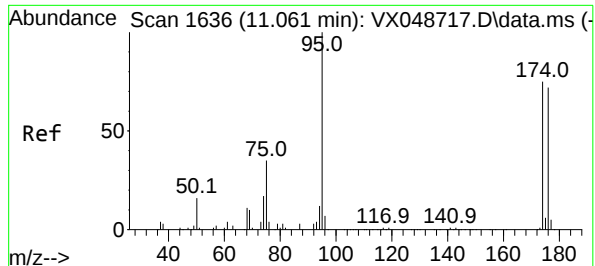
Tgt Ion: 98 Resp: 359487

Ion Ratio Lower Upper

98 100

100 64.9 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 61.175 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048808.D

Acq: 10 Dec 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425-FDRE

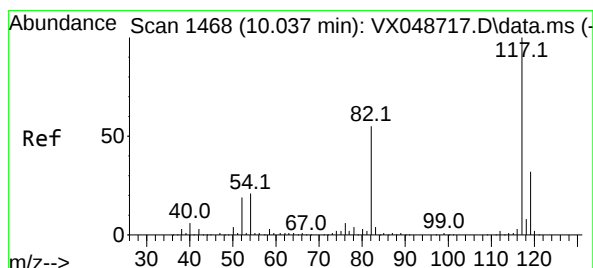
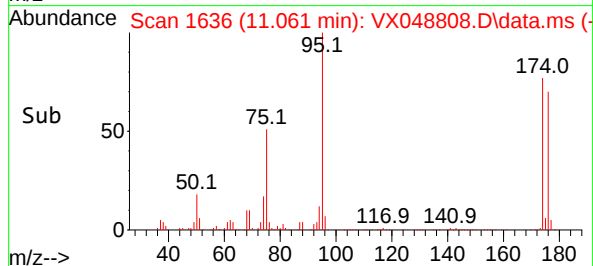
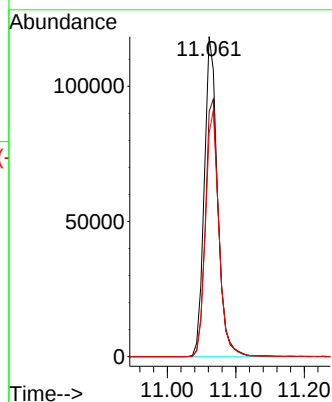
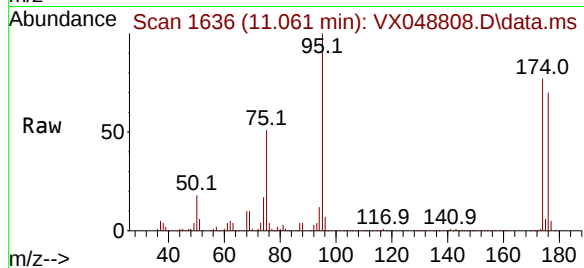
Tgt Ion: 95 Resp: 159804

Ion Ratio Lower Upper

95 100

174 81.7 0.0 157.8

176 78.1 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048808.D

Acq: 10 Dec 2025 14:10

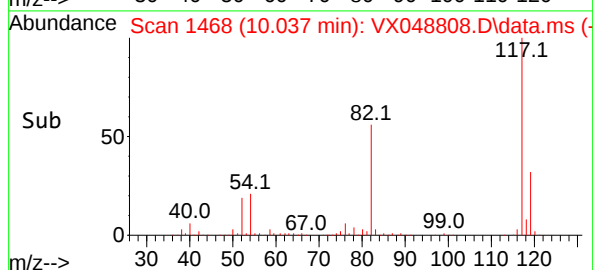
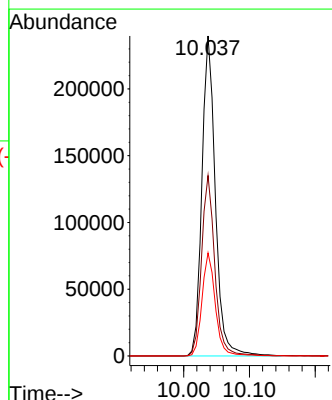
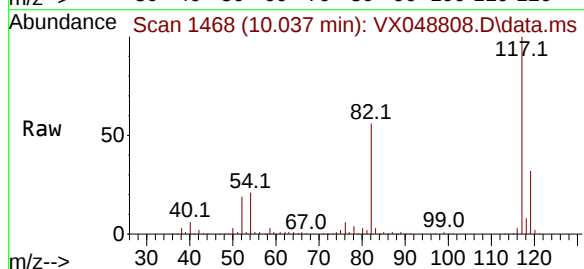
Tgt Ion: 117 Resp: 341495

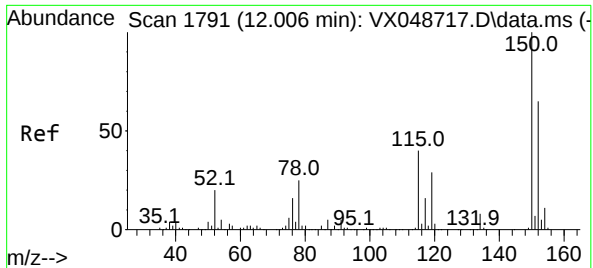
Ion Ratio Lower Upper

117 100

82 56.4 44.1 66.1

119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048808.D

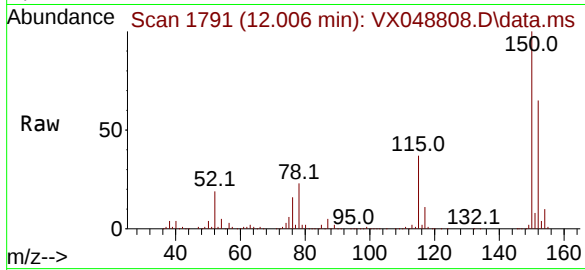
Acq: 10 Dec 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425-FDRE



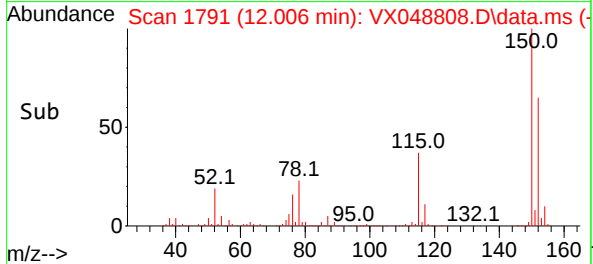
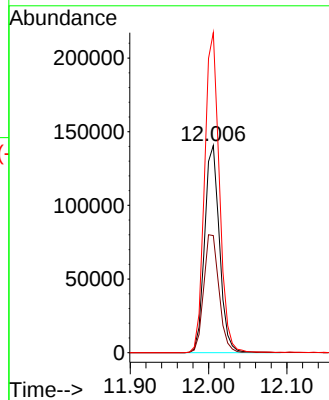
Tgt Ion:152 Resp: 184829

Ion Ratio Lower Upper

152 100

115 58.9 42.1 126.4

150 153.9 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048754.D
 Acq On : 08 Dec 2025 14:57
 Operator : JC/MD
 Sample : Q3787-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 09 04:11:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

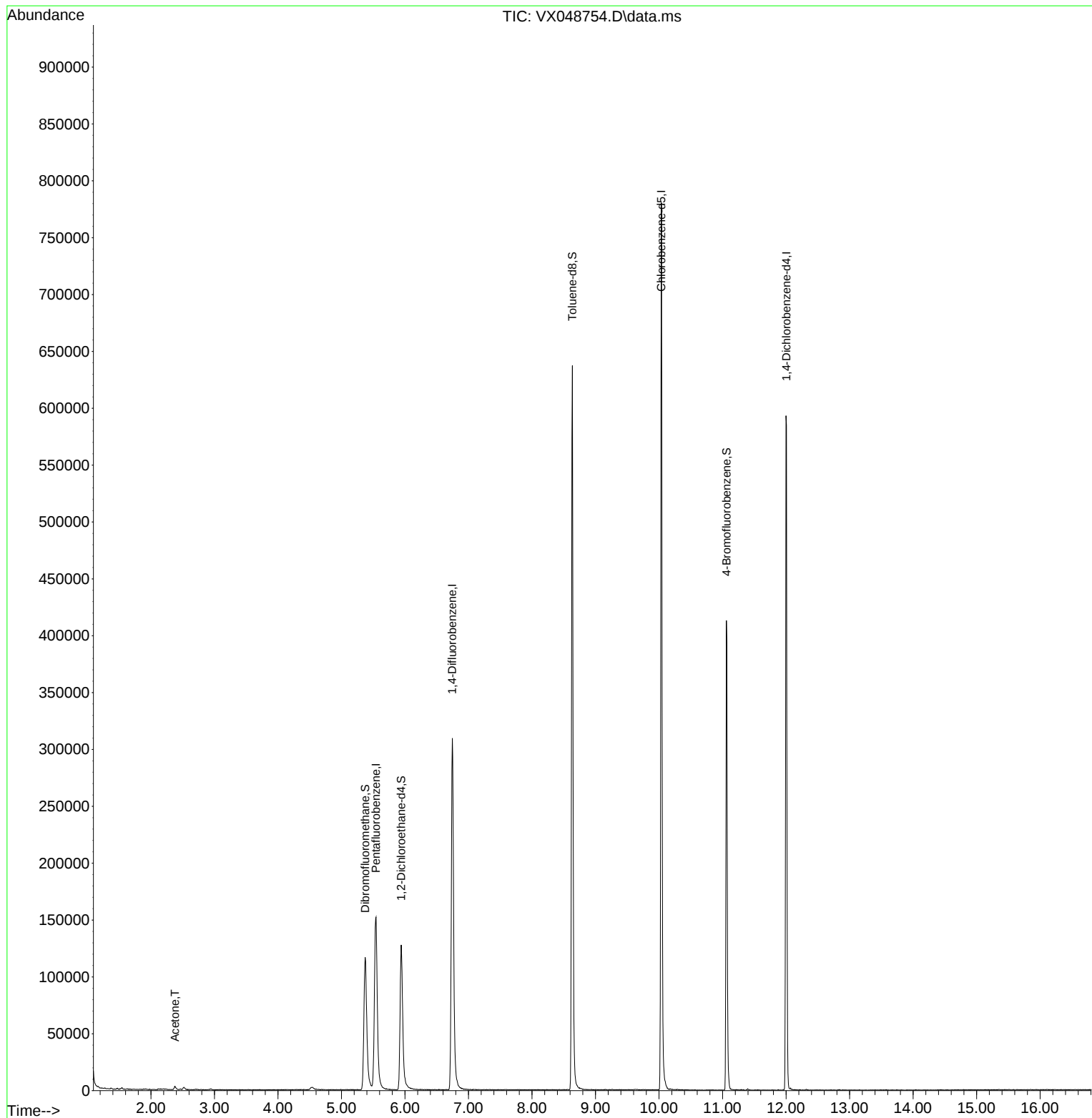
Internal Standards						
1) Pentafluorobenzene	5.544	168	160355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	343808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	352510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	137902	64.073	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	128.140%#
35) Dibromofluoromethane	5.373	113	115093	48.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.635	98	394240	47.510	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.061	95	110501	38.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.240%#
Target Compounds						
16) Acetone	2.380	43	4105	4.982	ug/l	Qvalue 95

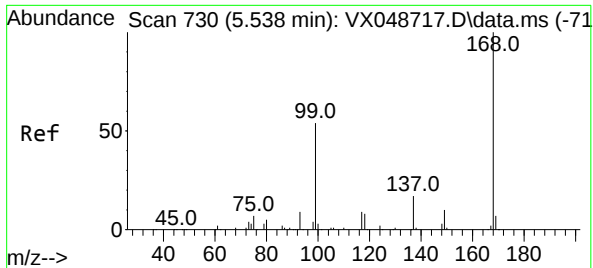
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048754.D
Acq On : 08 Dec 2025 14:57
Operator : JC/MD
Sample : Q3787-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

Quant Time: Dec 09 04:11:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

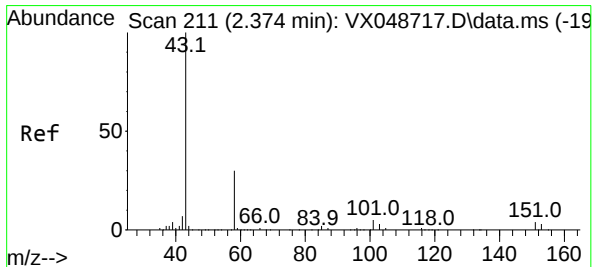
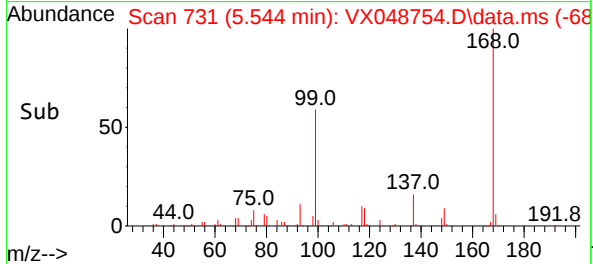
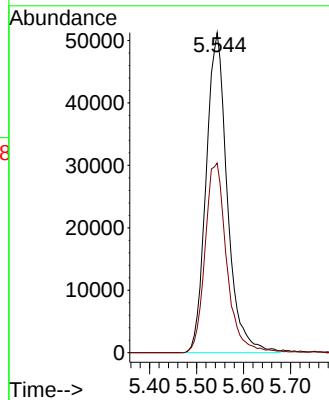
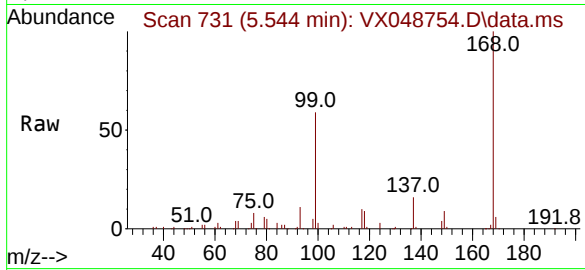




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

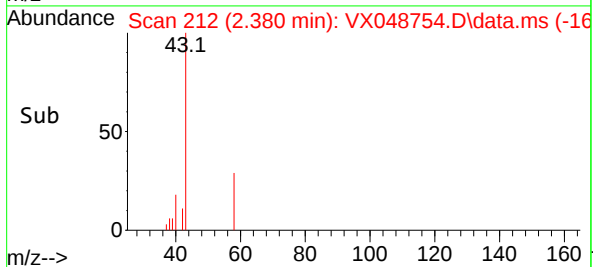
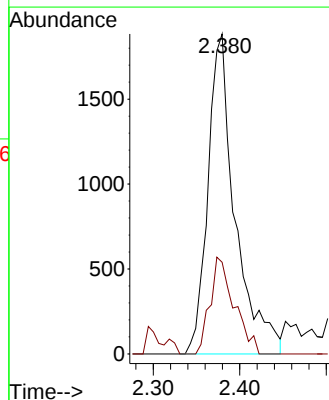
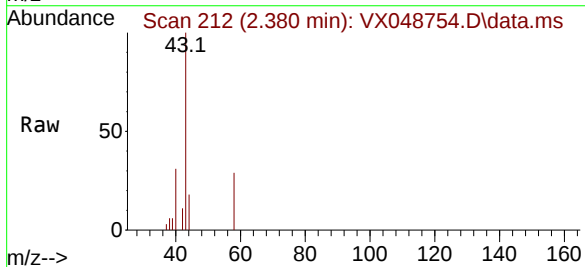
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

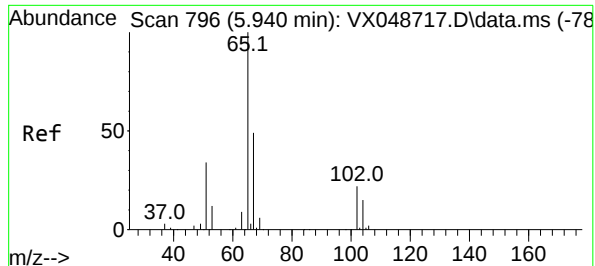
Tgt Ion:168 Resp: 160355
Ion Ratio Lower Upper
168 100
99 59.3 44.2 66.4



#16
Acetone
Concen: 4.982 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
58 28.6 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 64.073 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048754.D

Acq: 08 Dec 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

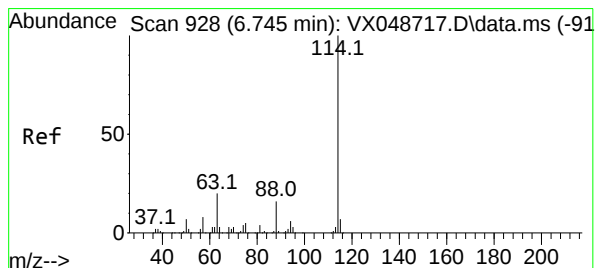
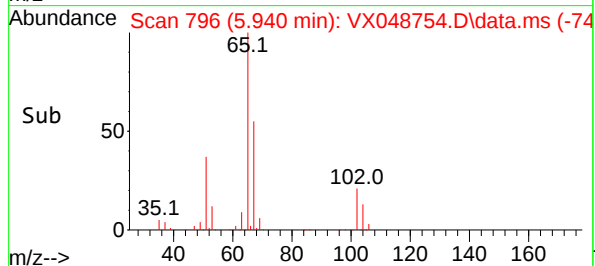
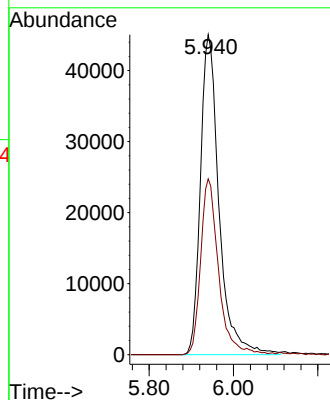
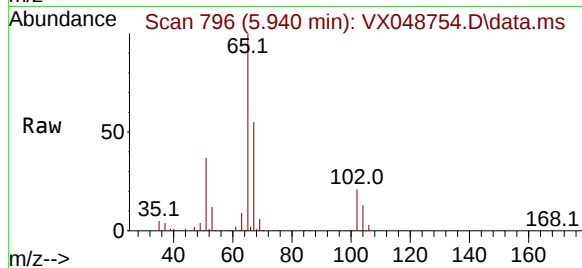
OW-03B-51.5-120425

Tgt Ion: 65 Resp: 137902

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048754.D

Acq: 08 Dec 2025 14:57

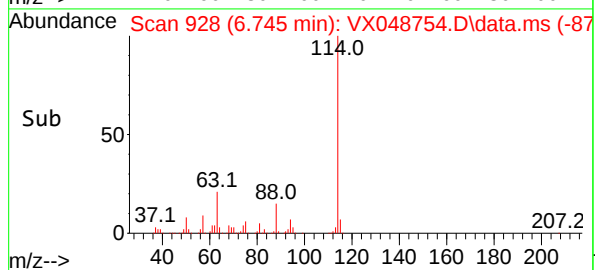
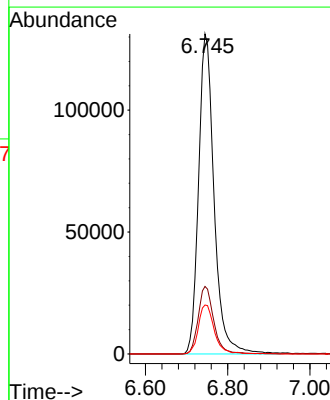
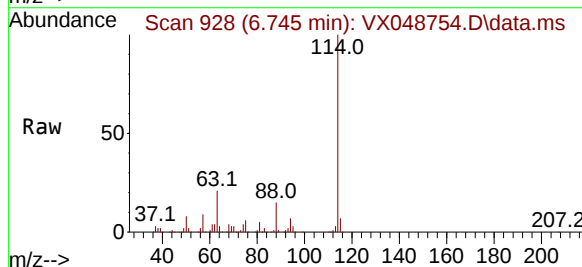
Tgt Ion: 114 Resp: 343808

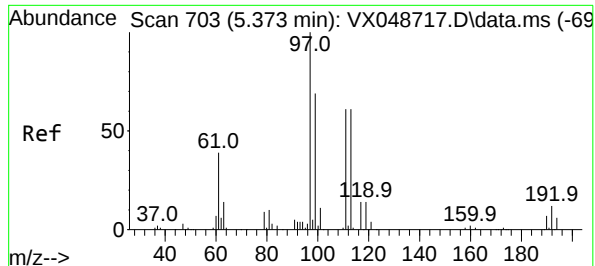
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.619 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048754.D

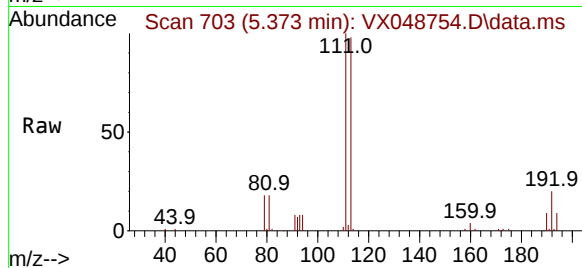
Acq: 08 Dec 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425



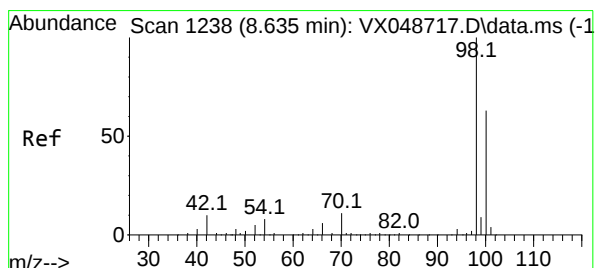
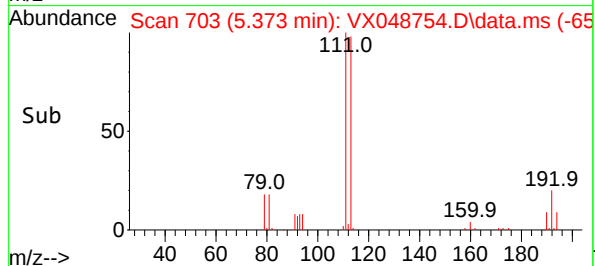
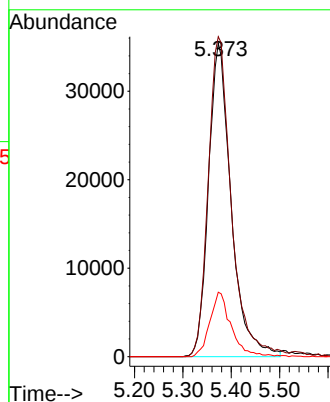
Tgt Ion:113 Resp: 115093

Ion Ratio Lower Upper

113 100

111 104.1 79.5 119.3

192 19.5 16.1 24.1



#50

Toluene-d8

Concen: 47.510 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048754.D

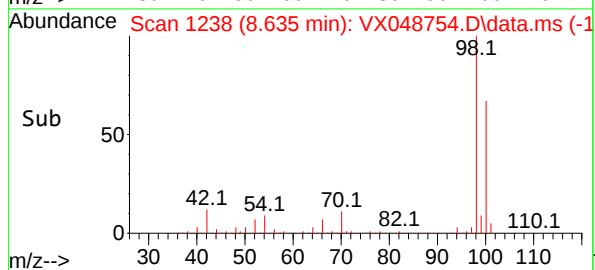
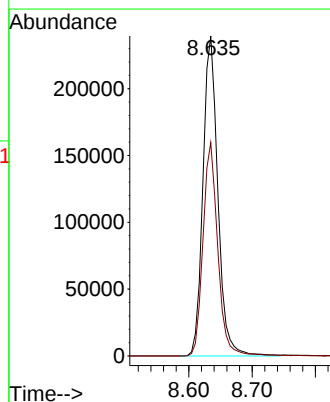
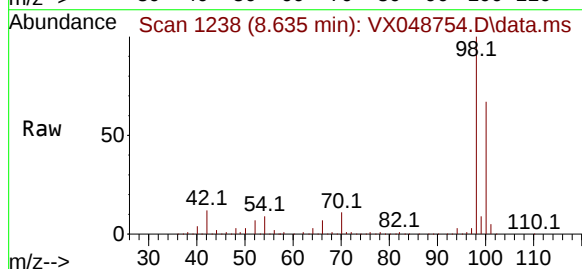
Acq: 08 Dec 2025 14:57

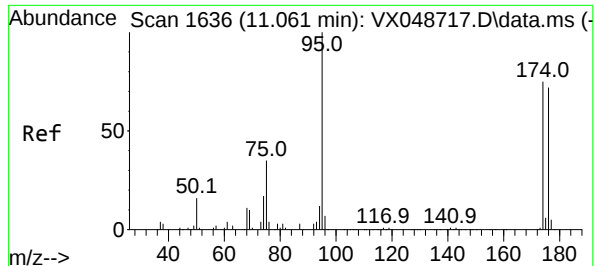
Tgt Ion: 98 Resp: 394240

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 38.618 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048754.D

Acq: 08 Dec 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425

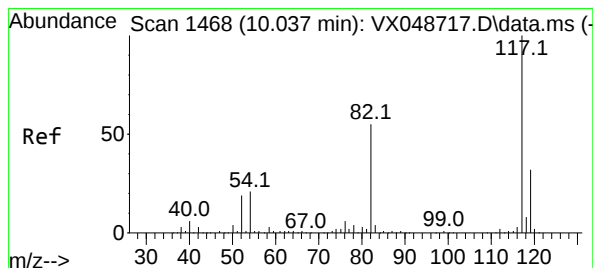
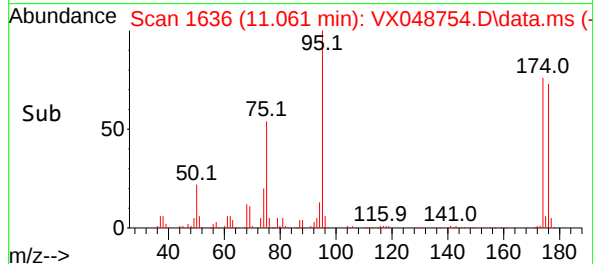
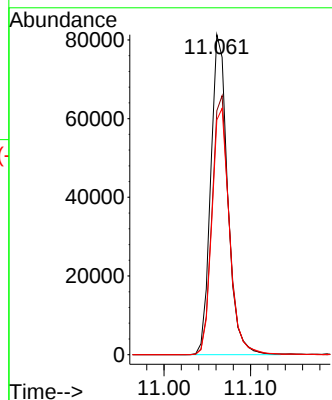
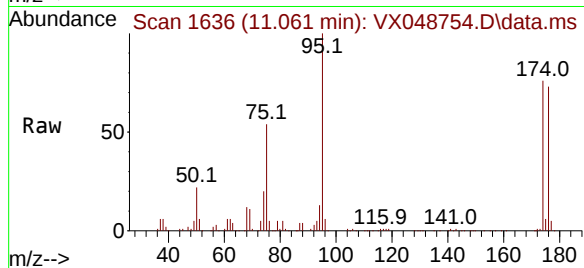
Tgt Ion: 95 Resp: 110501

Ion Ratio Lower Upper

95 100

174 82.6 0.0 157.8

176 79.8 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048754.D

Acq: 08 Dec 2025 14:57

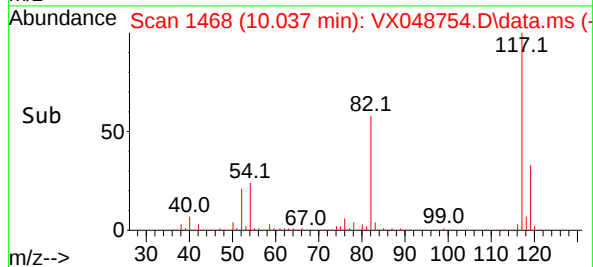
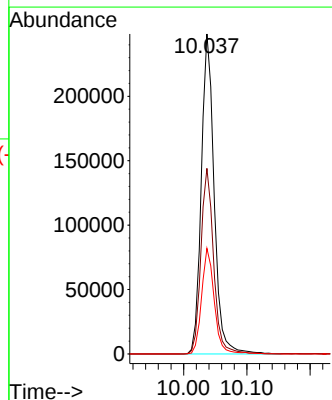
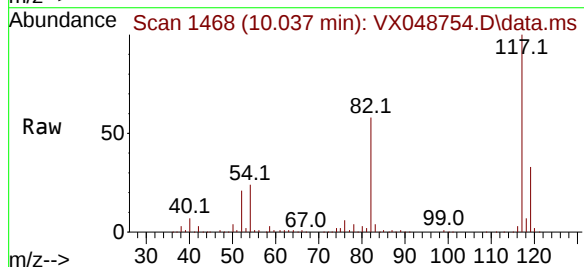
Tgt Ion: 117 Resp: 352510

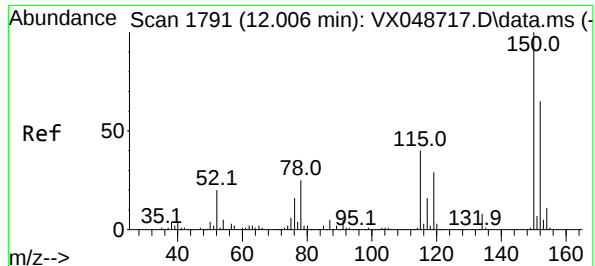
Ion Ratio Lower Upper

117 100

82 58.0 44.1 66.1

119 33.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048754.D

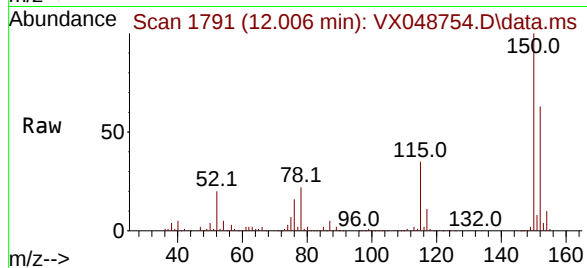
Acq: 08 Dec 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425



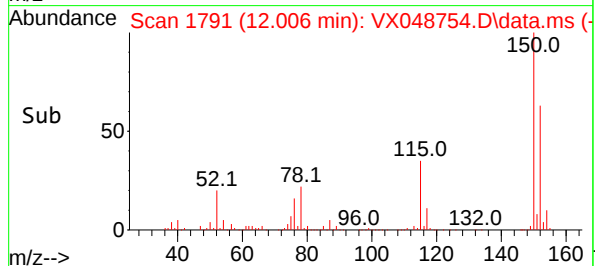
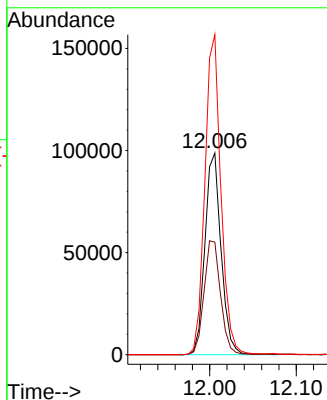
Tgt Ion:152 Resp: 128068

Ion Ratio Lower Upper

152 100

115 57.8 42.1 126.4

150 157.1 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048809.D
 Acq On : 10 Dec 2025 14:30
 Operator : JC/MD
 Sample : Q3787-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425RE

Quant Time: Dec 11 00:23:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

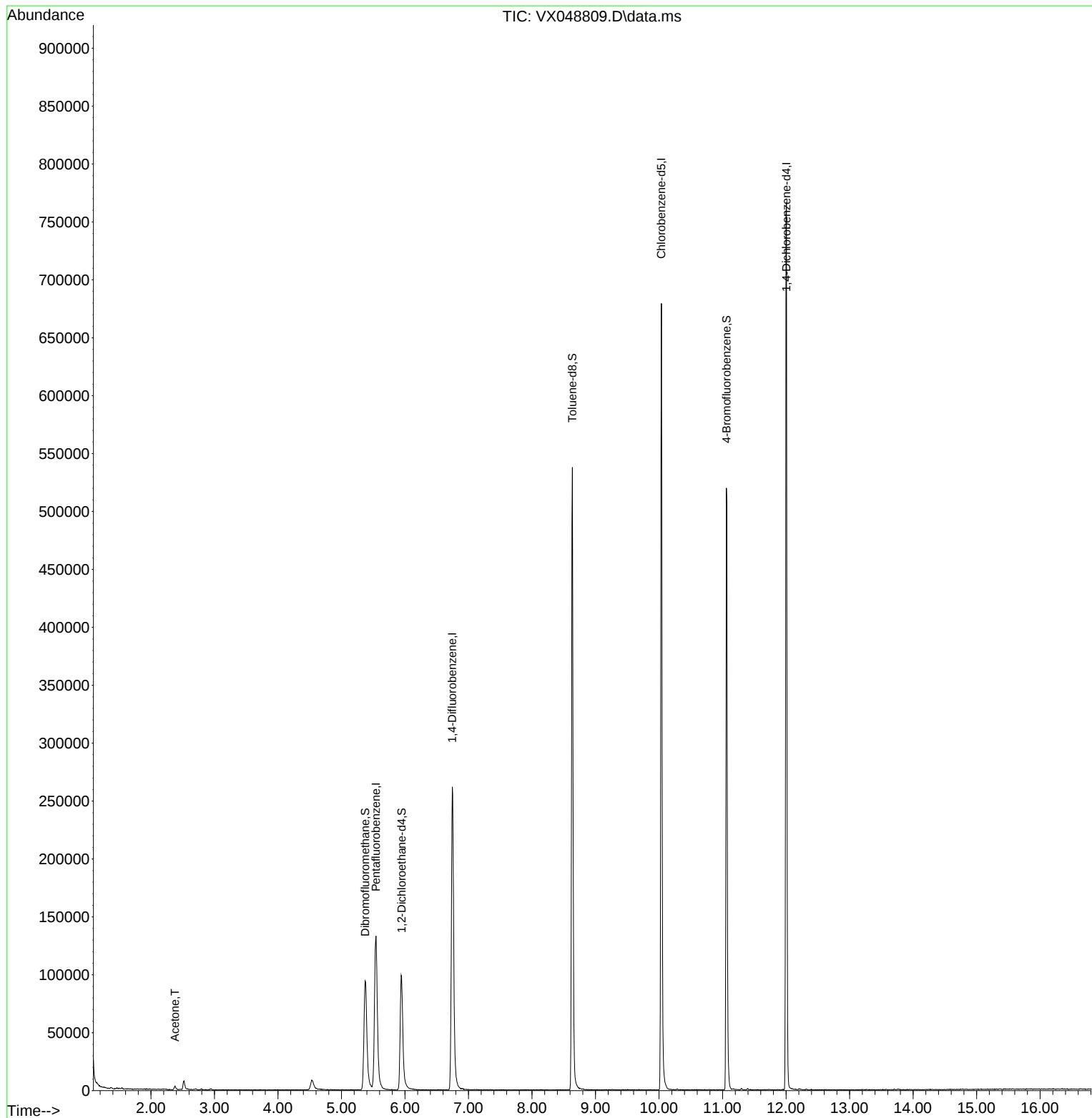
Internal Standards						
1) Pentafluorobenzene	5.544	168	142606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	326420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	172615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109808	57.370	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.740%
35) Dibromofluoromethane	5.373	113	98607	47.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.635	98	342378	47.412	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.820%
62) 4-Bromofluorobenzene	11.061	95	151770	60.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.900%
Target Compounds						
16) Acetone	2.380	43	4565	6.230	ug/l	Qvalue 100

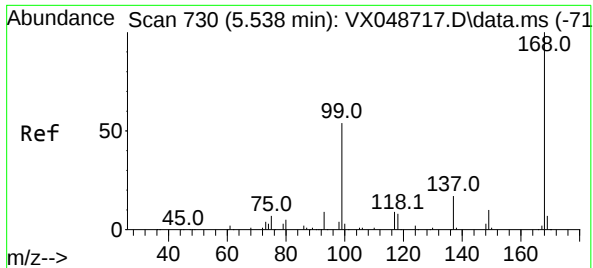
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048809.D
Acq On : 10 Dec 2025 14:30
Operator : JC/MD
Sample : Q3787-11RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

Quant Time: Dec 11 00:23:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

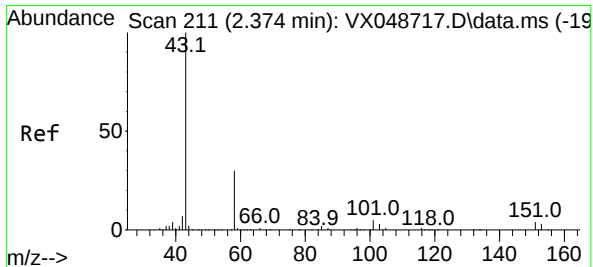
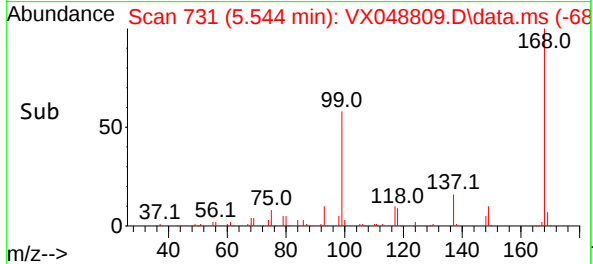
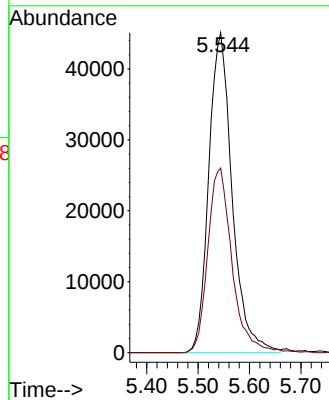
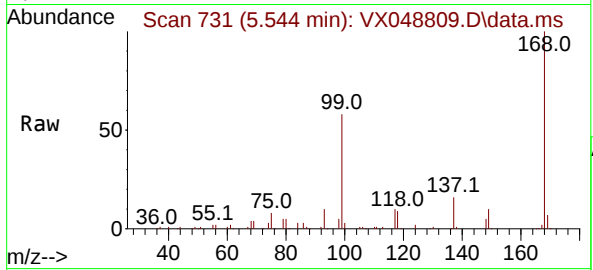




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

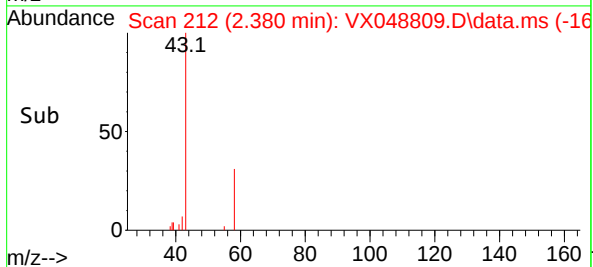
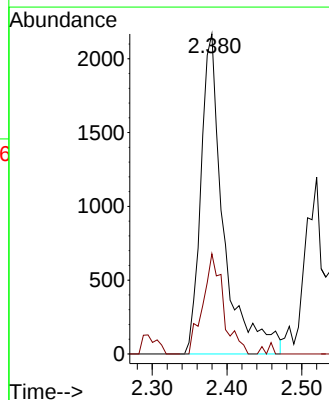
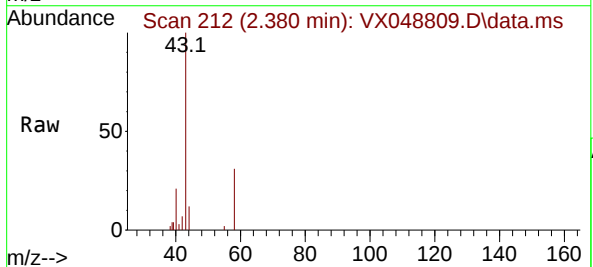
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

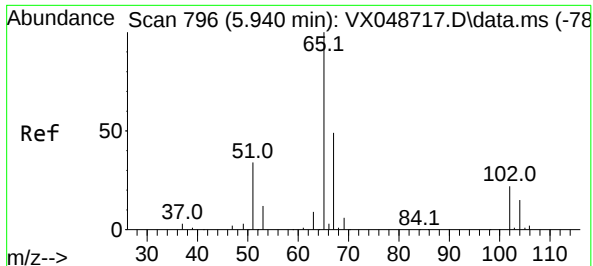
Tgt Ion:168 Resp: 142606
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#16
Acetone
Concen: 6.230 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 43 Resp: 4565
Ion Ratio Lower Upper
43 100
58 31.3 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 57.370 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048809.D

Acq: 10 Dec 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

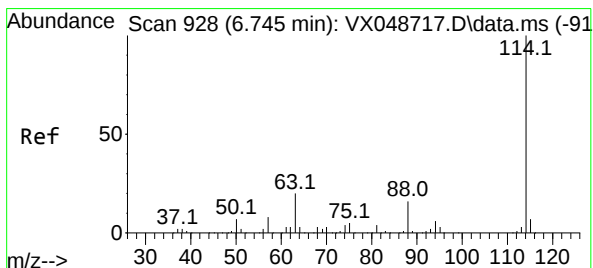
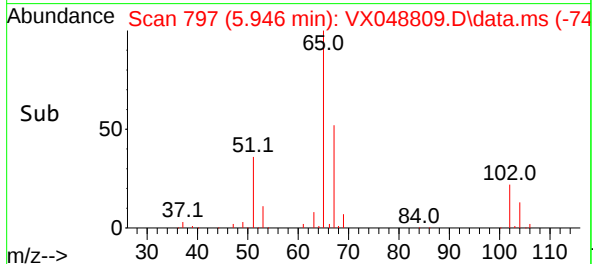
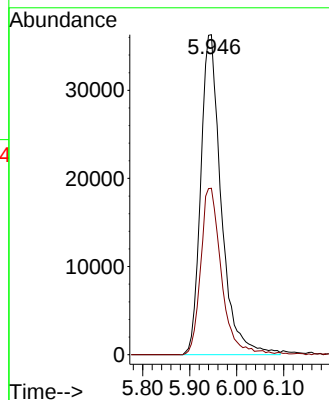
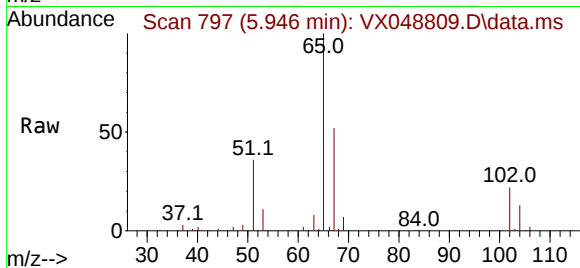
OW-03B-51.5-120425RE

Tgt Ion: 65 Resp: 109808

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048809.D

Acq: 10 Dec 2025 14:30

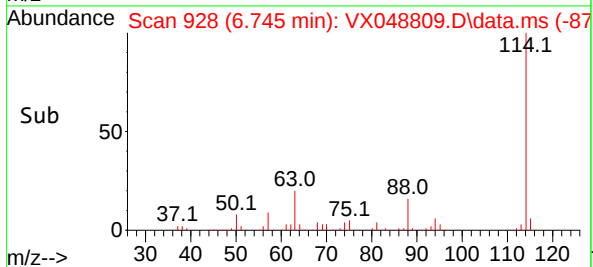
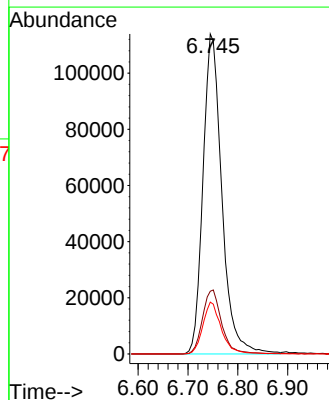
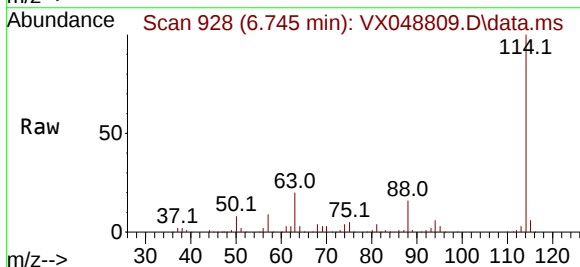
Tgt Ion: 114 Resp: 299203

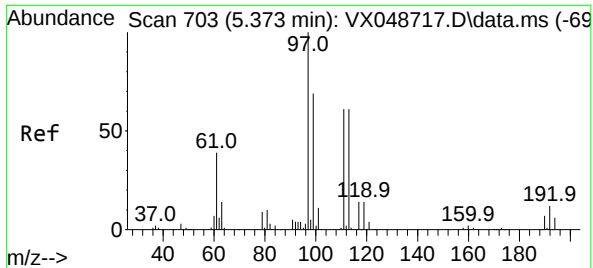
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.864 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048809.D

Acq: 10 Dec 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425RE

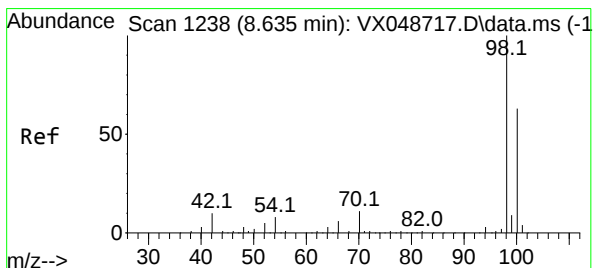
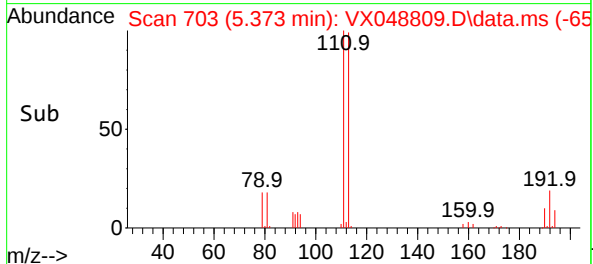
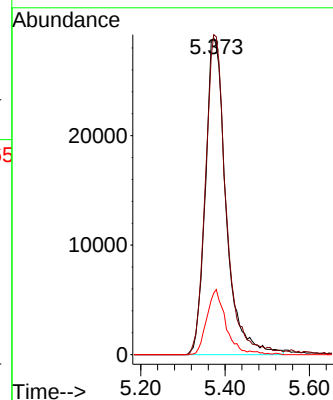
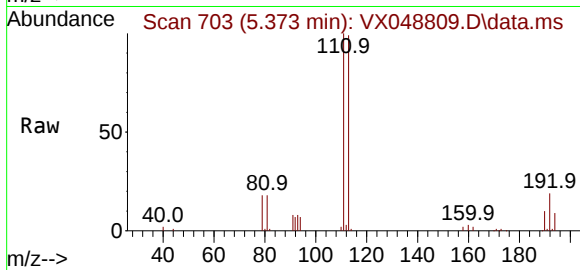
Tgt Ion:113 Resp: 98607

Ion Ratio Lower Upper

113 100

111 100.8 79.5 119.3

192 18.6 16.1 24.1



#50

Toluene-d8

Concen: 47.412 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048809.D

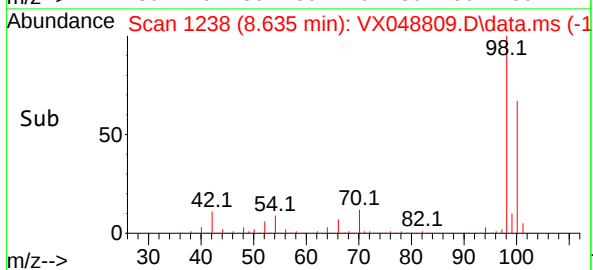
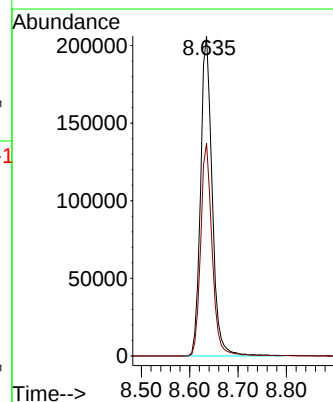
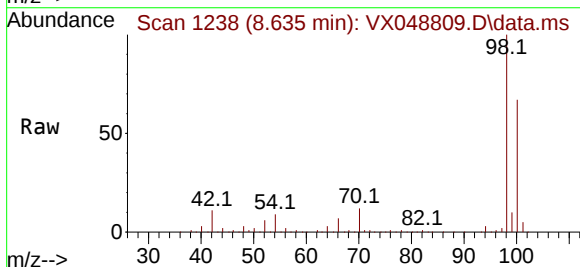
Acq: 10 Dec 2025 14:30

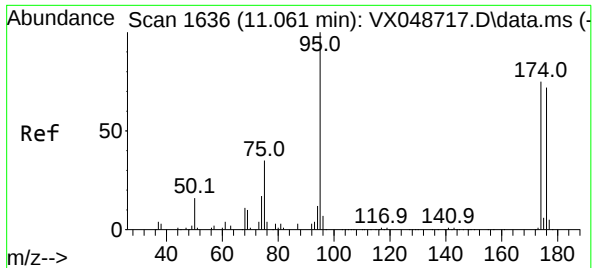
Tgt Ion: 98 Resp: 342378

Ion Ratio Lower Upper

98 100

100 65.7 53.4 80.0

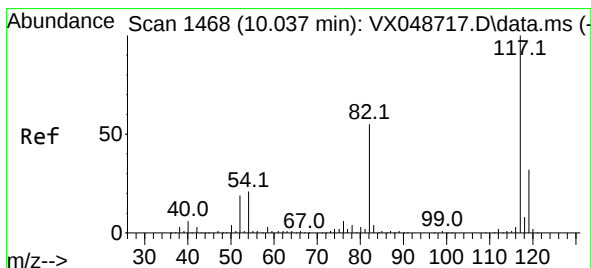
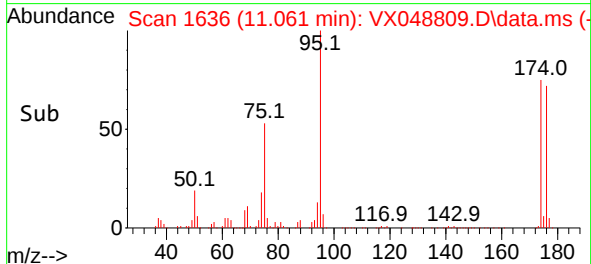
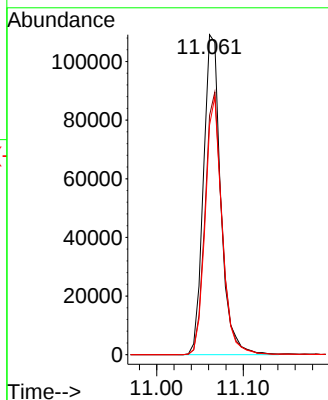
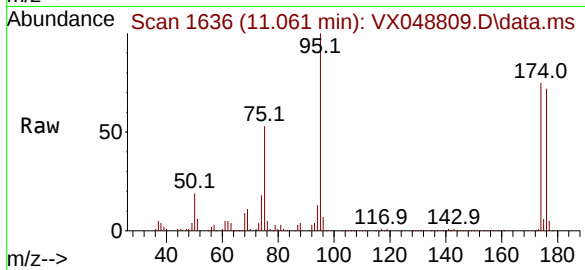




#62
4-Bromofluorobenzene
Concen: 60.948 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

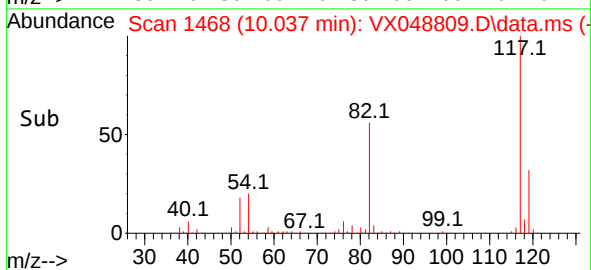
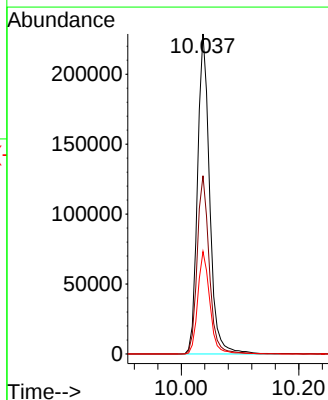
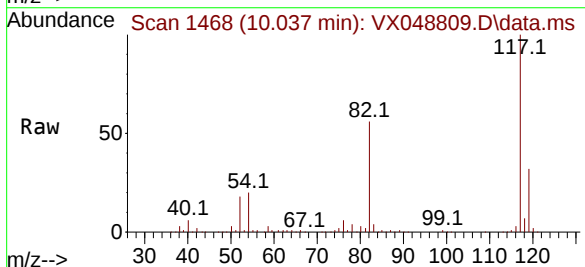
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

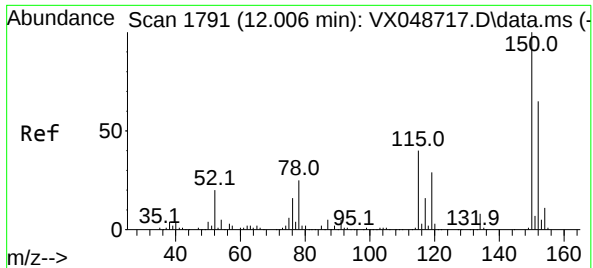
Tgt Ion: 95 Resp: 151770
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.8
176 77.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 117 Resp: 326420
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048809.D

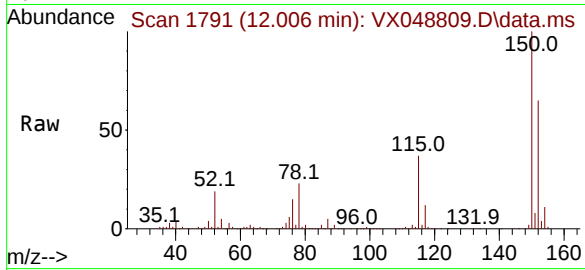
Acq: 10 Dec 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425RE



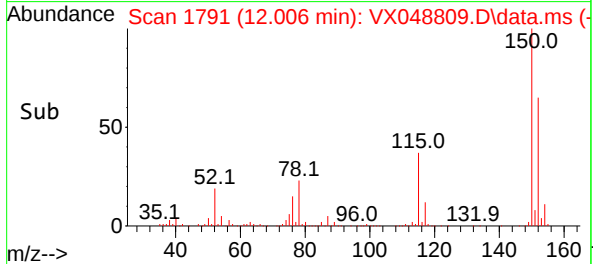
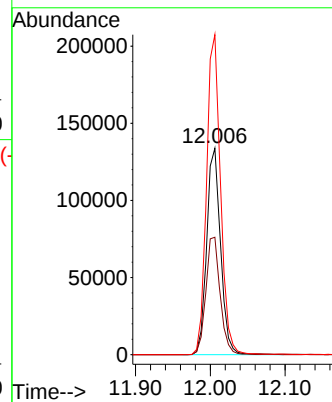
Tgt Ion:152 Resp: 172615

Ion Ratio Lower Upper

152 100

115 58.6 42.1 126.4

150 155.9 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048755.D
 Acq On : 08 Dec 2025 15:18
 Operator : JC/MD
 Sample : Q3787-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425-FD

Quant Time: Dec 09 04:11:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

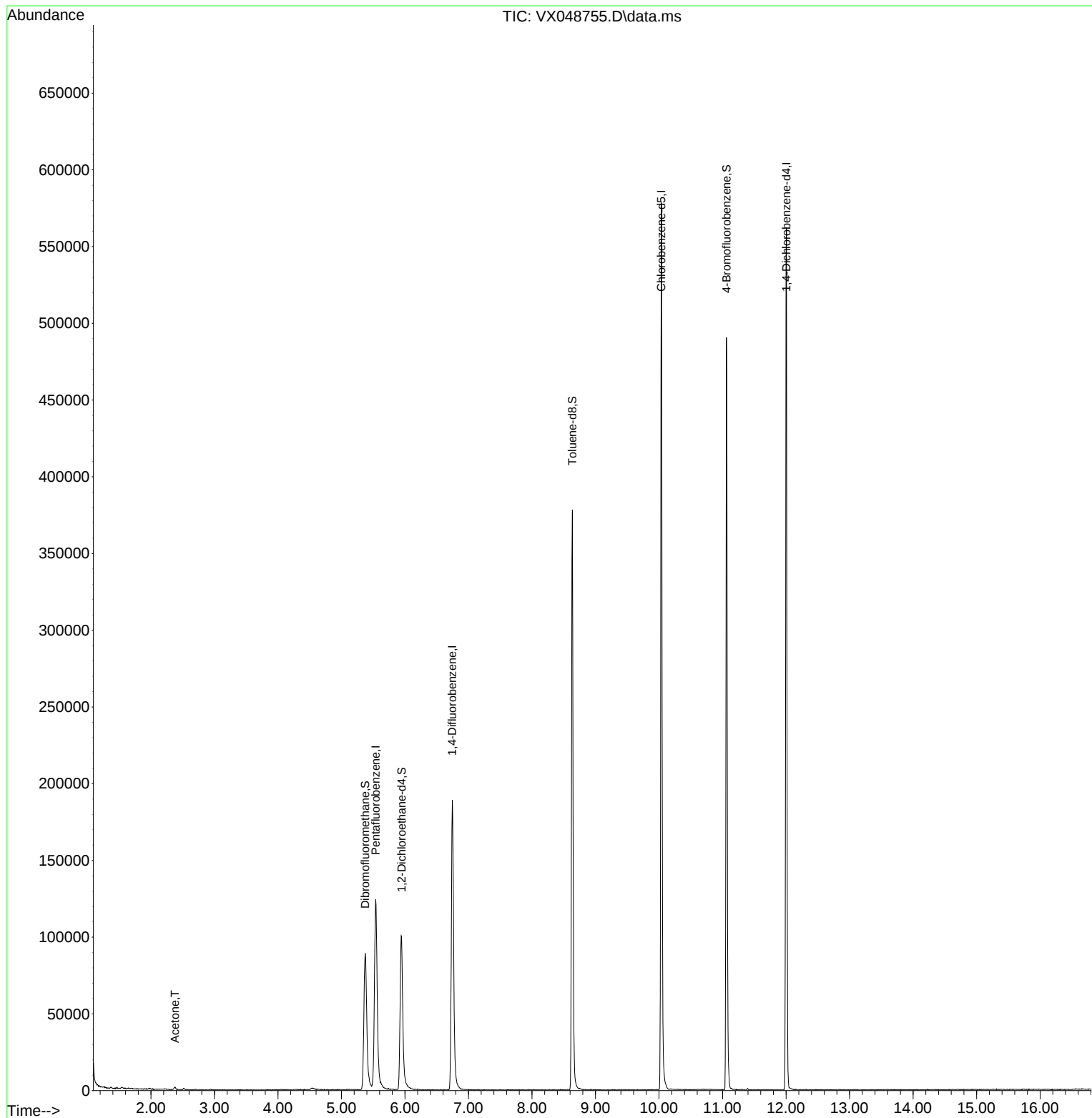
Internal Standards						
1) Pentafluorobenzene	5.538	168	121788	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.745	114	204088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114522	70.060	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 140.120%#		
35) Dibromofluoromethane	5.373	113	87733	62.433	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 124.860%#		
50) Toluene-d8	8.635	98	237814	48.280	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.560%		
62) 4-Bromofluorobenzene	11.061	95	131784	77.586	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 155.180%#		
Target Compounds						Qvalue
16) Acetone	2.380	43	2363	3.776	ug/l	97

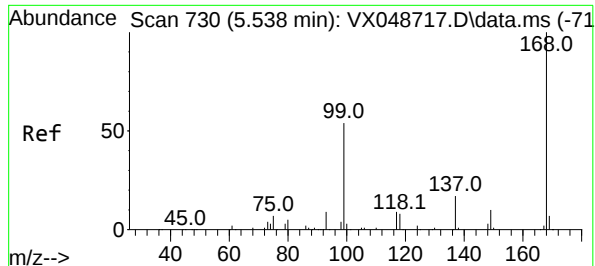
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048755.D
Acq On : 08 Dec 2025 15:18
Operator : JC/MD
Sample : Q3787-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425-FD

Quant Time: Dec 09 04:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

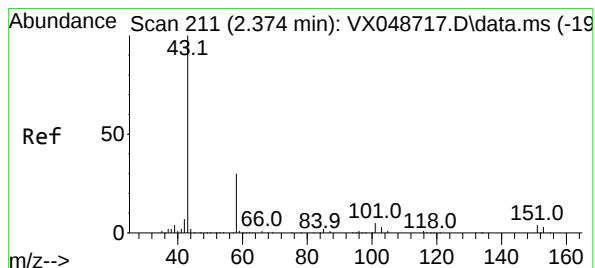
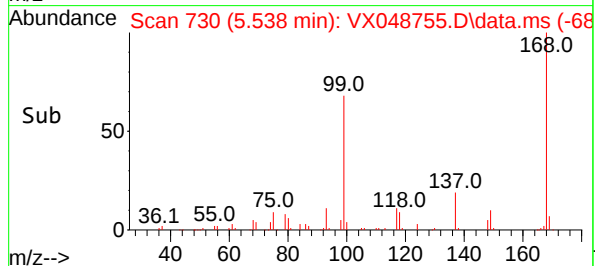
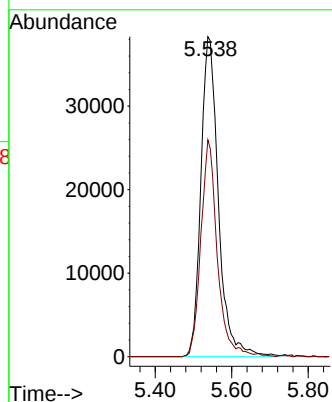
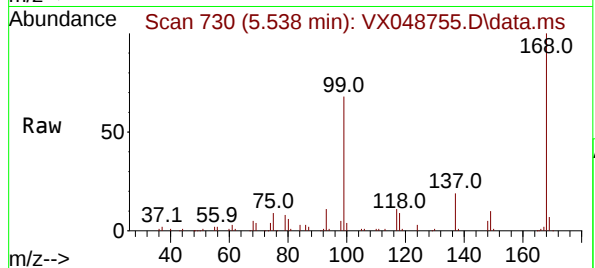




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

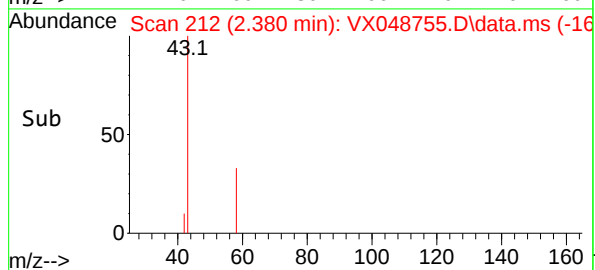
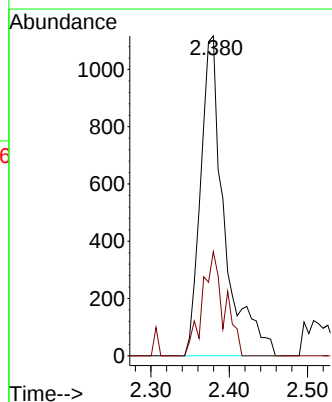
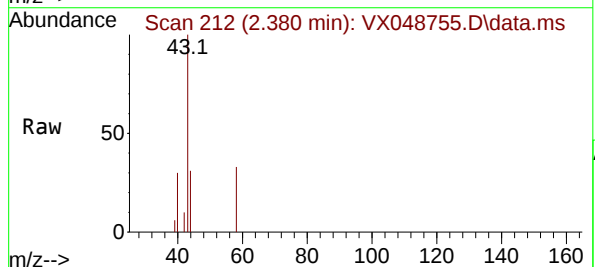
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425-FD

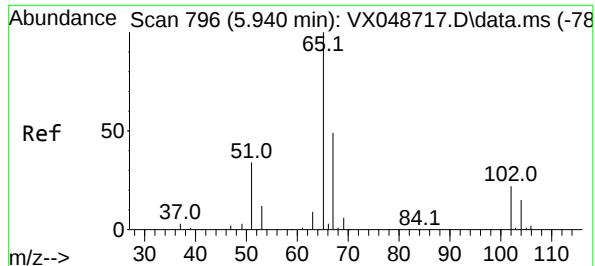
Tgt Ion:168 Resp: 121788
Ion Ratio Lower Upper
168 100
99 67.8 44.2 66.4#



#16
Acetone
Concen: 3.776 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
58 32.6 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 70.060 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048755.D

Acq: 08 Dec 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

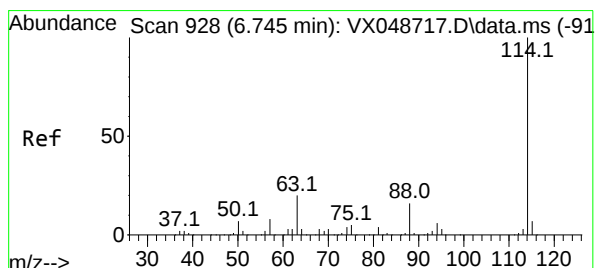
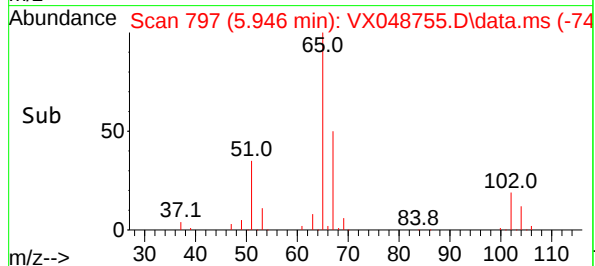
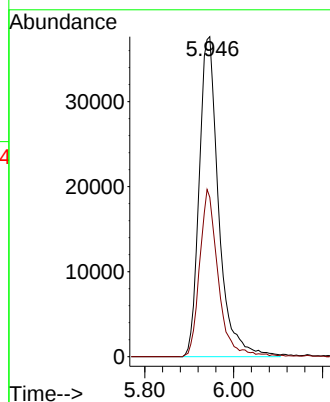
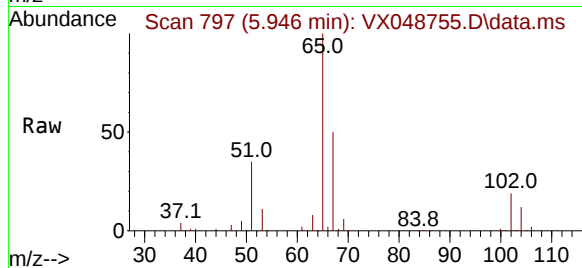
OW-03B-51.5-120425-FD

Tgt Ion: 65 Resp: 114522

Ion Ratio Lower Upper

65 100

67 50.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048755.D

Acq: 08 Dec 2025 15:18

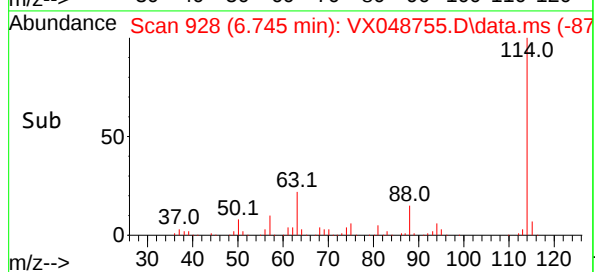
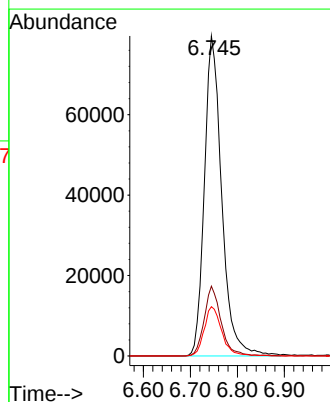
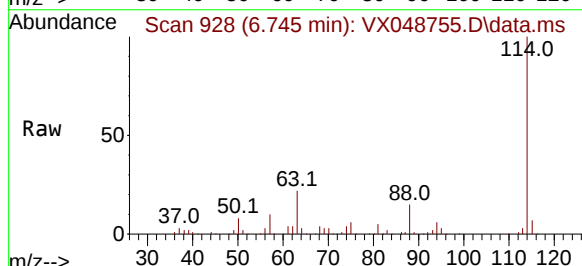
Tgt Ion: 114 Resp: 204088

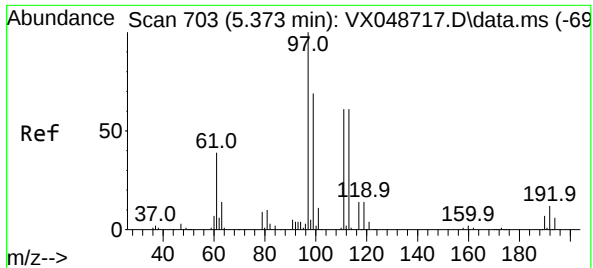
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 62.433 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048755.D

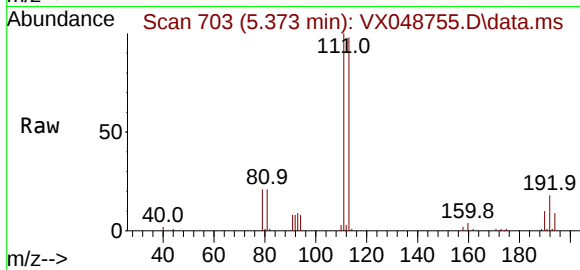
Acq: 08 Dec 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425-FD



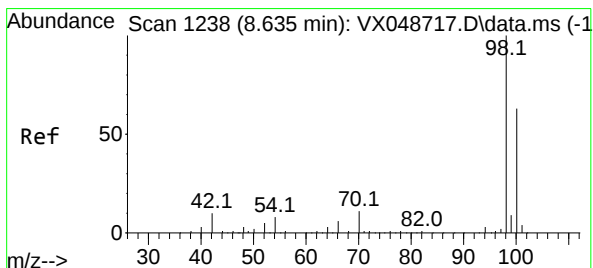
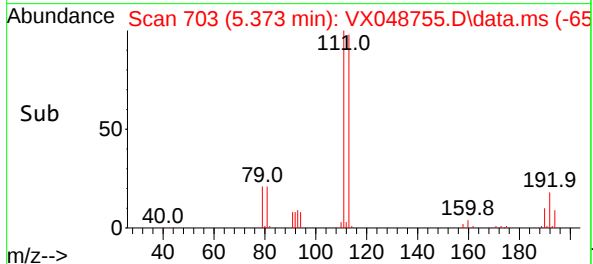
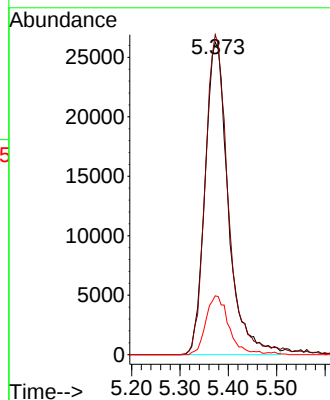
Tgt Ion:113 Resp: 87733

Ion Ratio Lower Upper

113 100

111 101.8 79.5 119.3

192 18.6 16.1 24.1



#50

Toluene-d8

Concen: 48.280 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048755.D

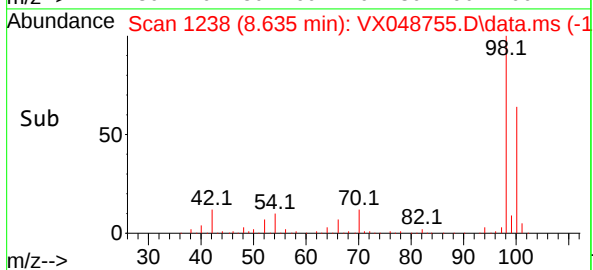
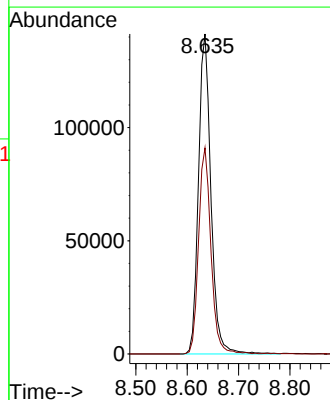
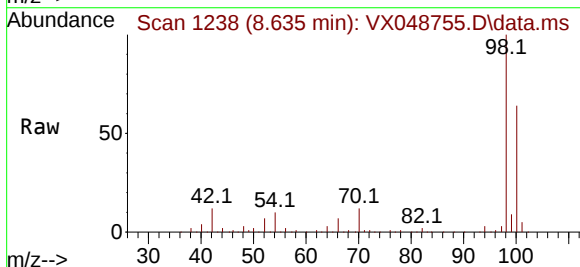
Acq: 08 Dec 2025 15:18

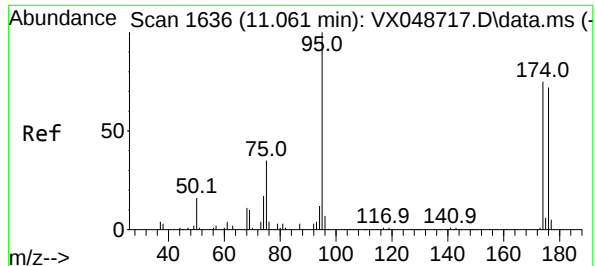
Tgt Ion: 98 Resp: 237814

Ion Ratio Lower Upper

98 100

100 64.0 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 77.586 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048755.D

Acq: 08 Dec 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425-FD

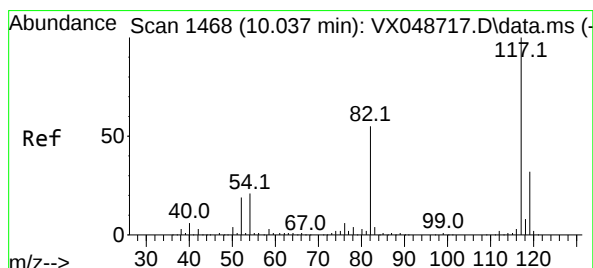
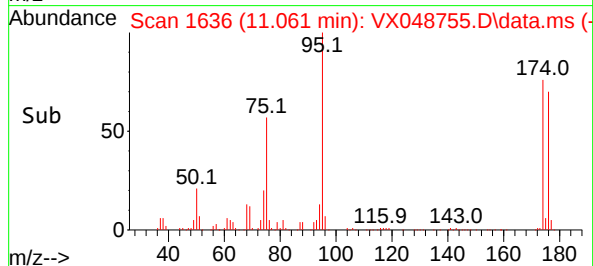
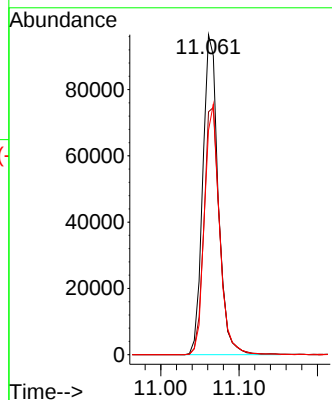
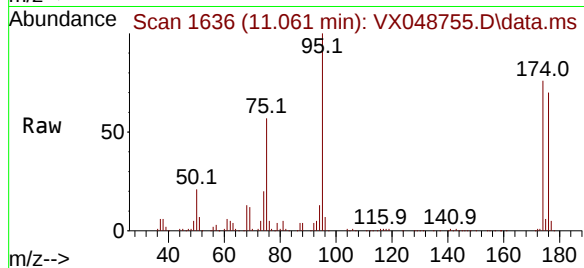
Tgt Ion: 95 Resp: 131784

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.8

176 77.0 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048755.D

Acq: 08 Dec 2025 15:18

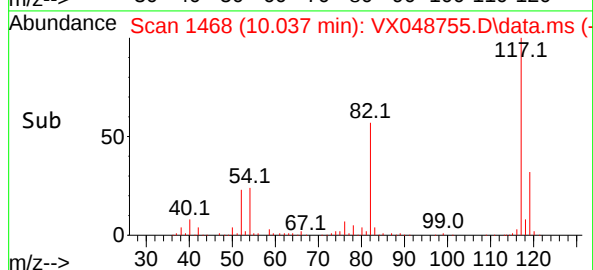
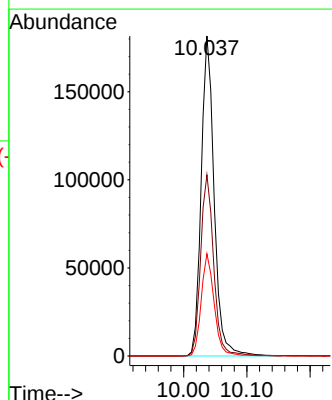
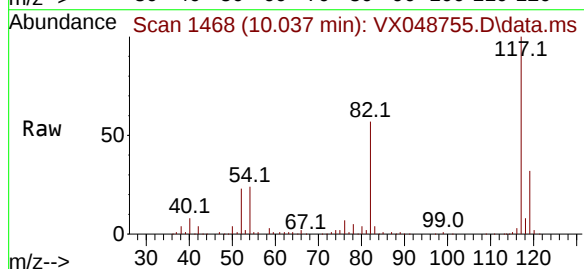
Tgt Ion: 117 Resp: 259488

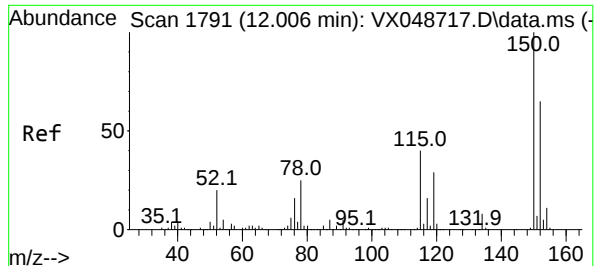
Ion Ratio Lower Upper

117 100

82 56.6 44.1 66.1

119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048755.D

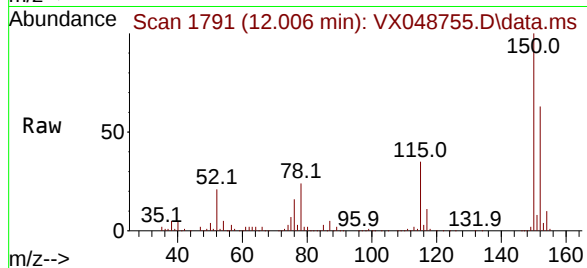
Acq: 08 Dec 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425-FD



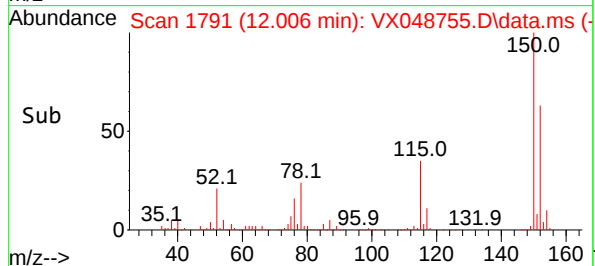
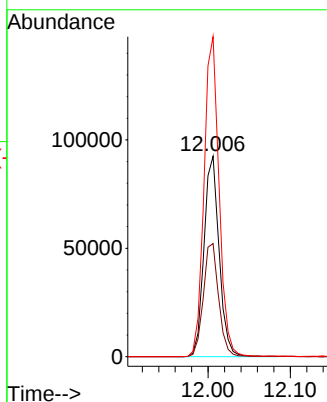
Tgt Ion:152 Resp: 118375

Ion Ratio Lower Upper

152 100

115 57.2 42.1 126.4

150 158.2 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048810.D
 Acq On : 10 Dec 2025 14:51
 Operator : JC/MD
 Sample : Q3787-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425-FDRE

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 11 00:23:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

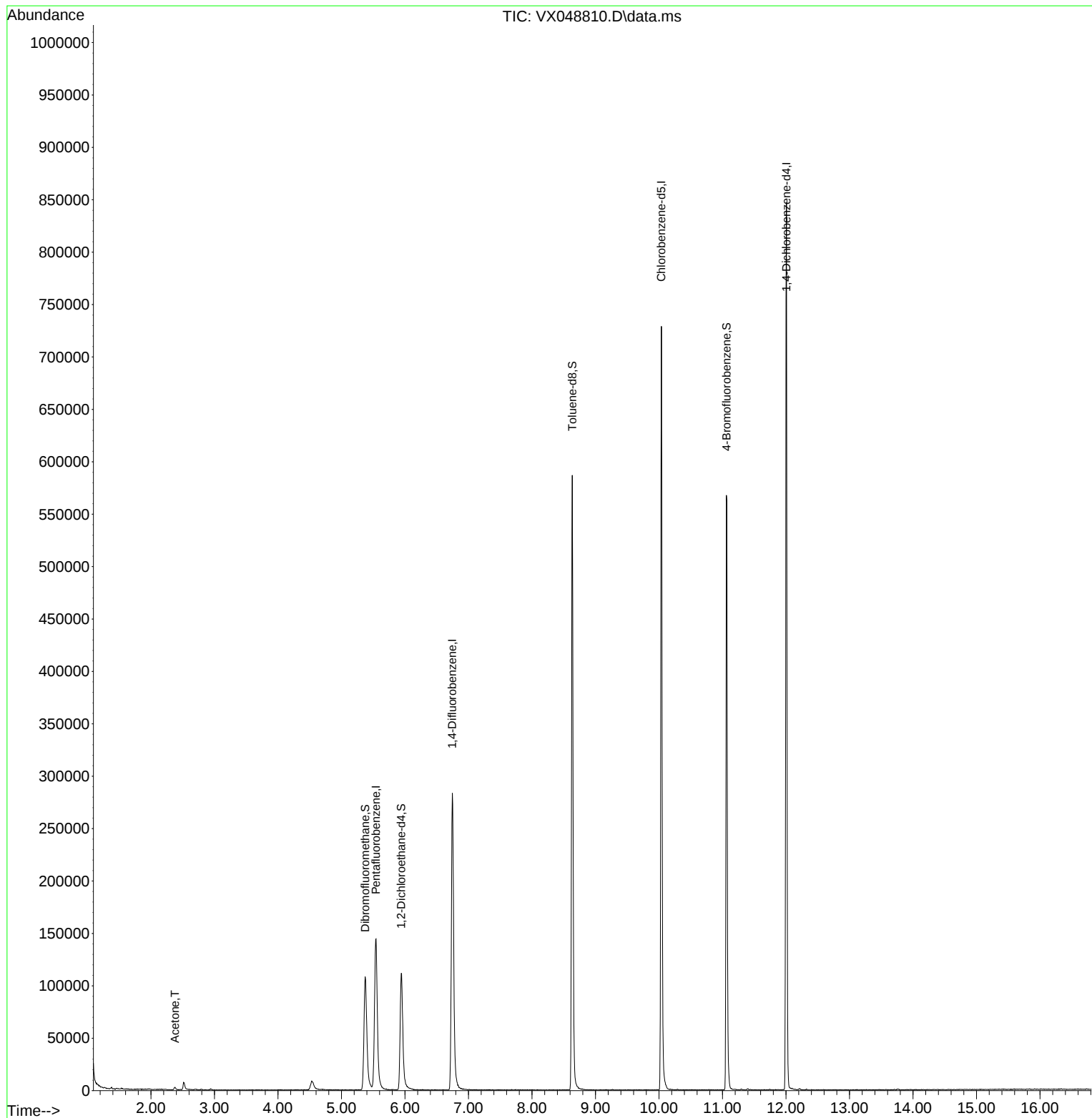
Internal Standards						
1) Pentafluorobenzene	5.544	168	152091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	320261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	354570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	184719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	125850	61.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.300%#	
35) Dibromofluoromethane	5.373	113	107682	48.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.660%	
50) Toluene-d8	8.635	98	375438	48.571	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	11.061	95	166905	62.619	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.240%#	
Target Compounds						
16) Acetone	2.380	43	3269	4.183	ug/l	98

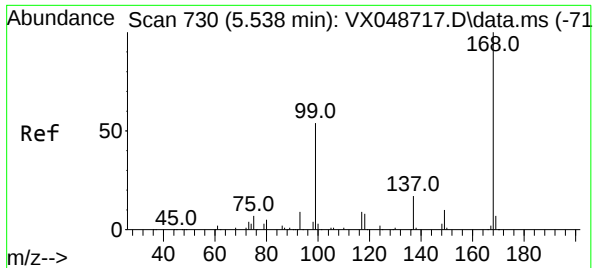
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048810.D
Acq On : 10 Dec 2025 14:51
Operator : JC/MD
Sample : Q3787-13RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425-FDRE

Quant Time: Dec 11 00:23:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

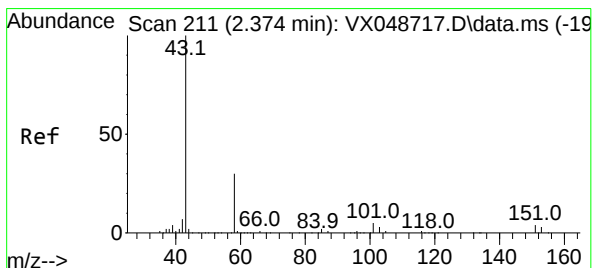
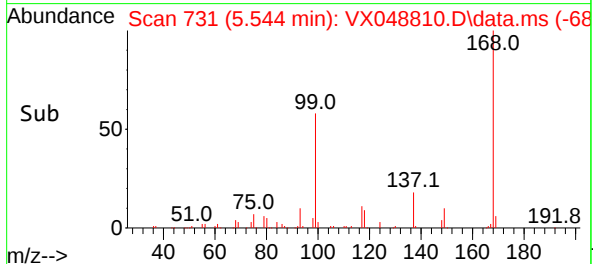
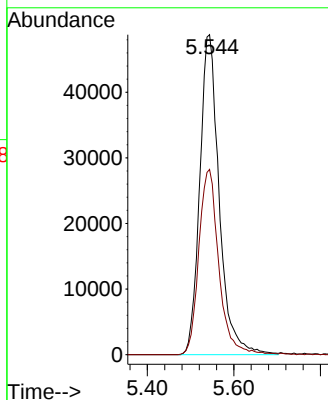
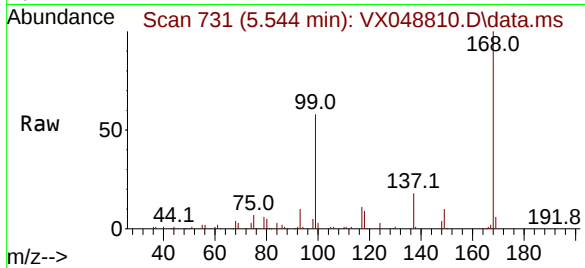




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

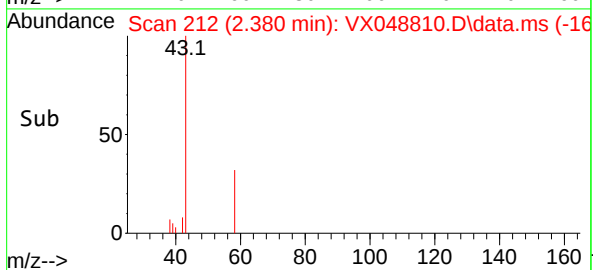
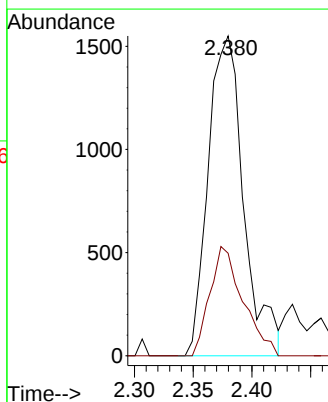
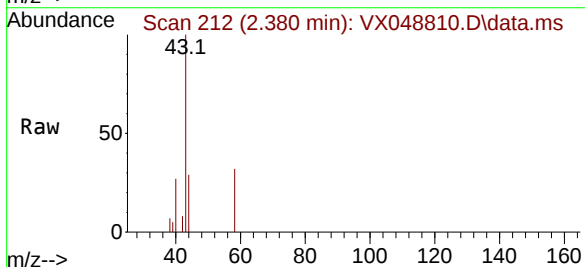
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425-FDRE

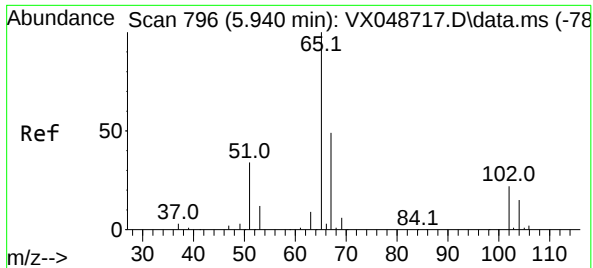
Tgt Ion:168 Resp: 152091
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#16
Acetone
Concen: 4.183 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

Tgt Ion: 43 Resp: 3269
Ion Ratio Lower Upper
43 100
58 32.1 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 61.651 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048810.D

Acq: 10 Dec 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

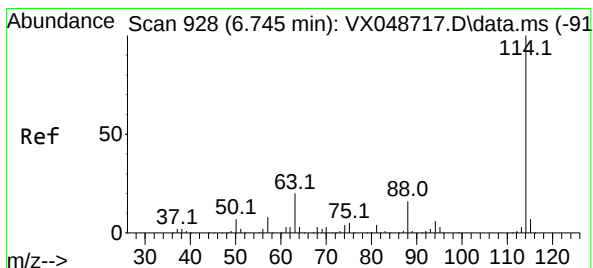
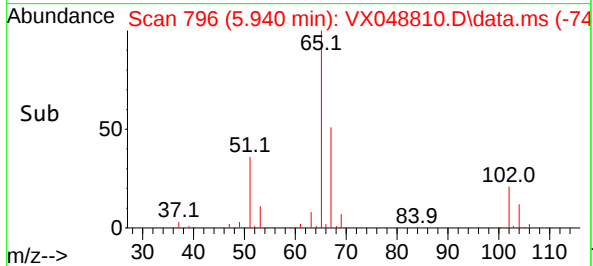
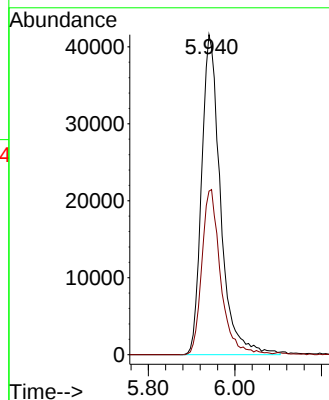
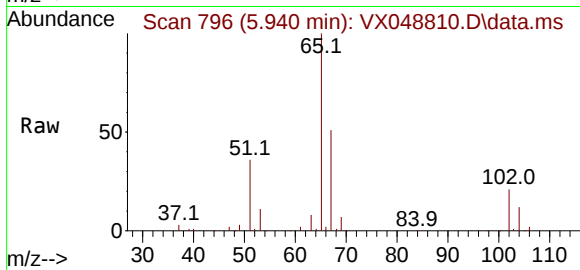
OW-03B-51.5-120425-FDRE

Tgt Ion: 65 Resp: 125850

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048810.D

Acq: 10 Dec 2025 14:51

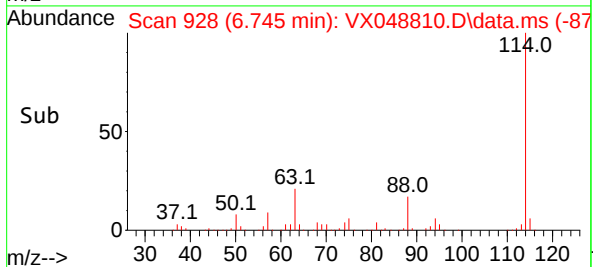
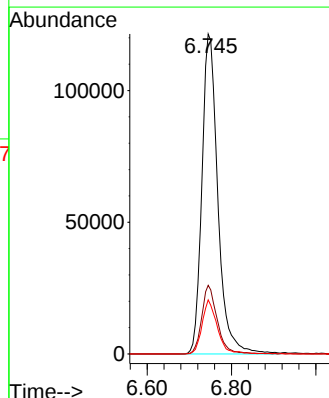
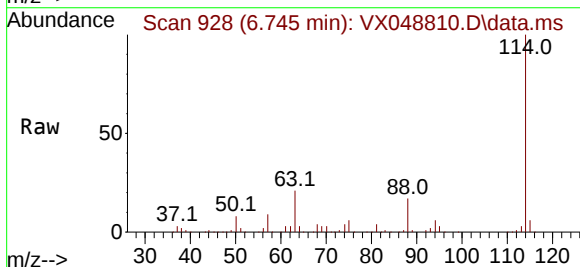
Tgt Ion: 114 Resp: 320261

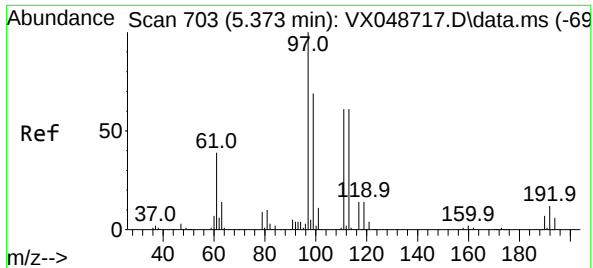
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.0

88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.833 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048810.D

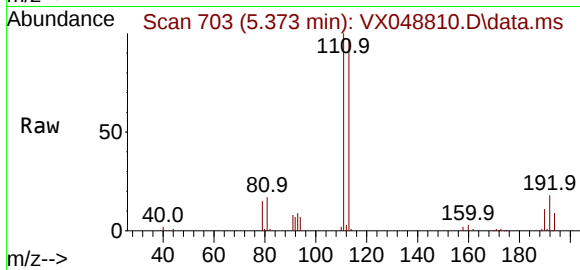
Acq: 10 Dec 2025 14:51

Instrument :

MSVOA_X

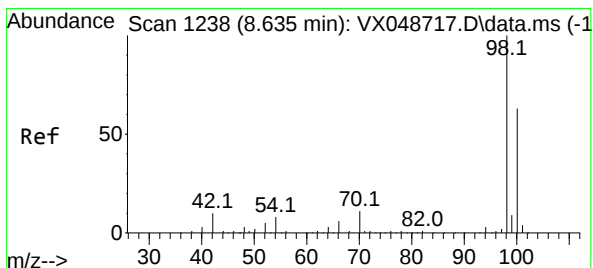
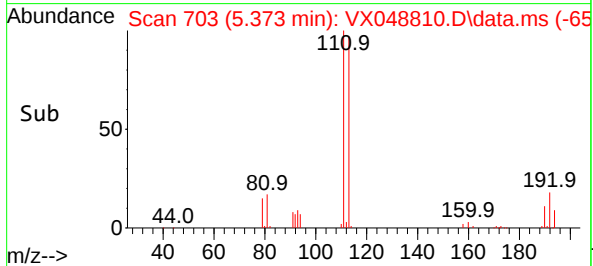
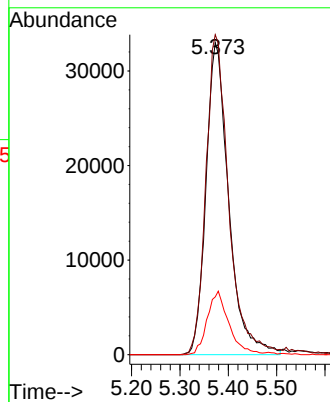
ClientSampleId :

OW-03B-51.5-120425-FDRE



Tgt Ion:113 Resp: 107682

Ion	Ratio	Lower	Upper
113	100		
111	102.7	79.5	119.3
192	19.4	16.1	24.1



#50

Toluene-d8

Concen: 48.571 ug/l

RT: 8.635 min Scan# 1238

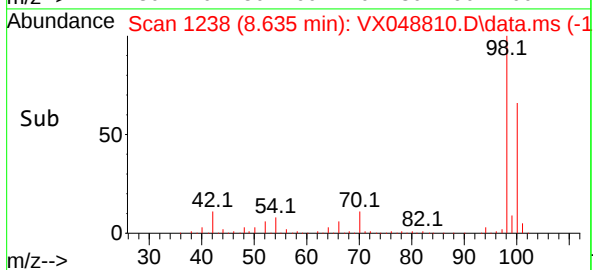
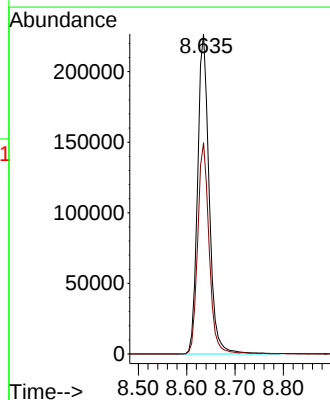
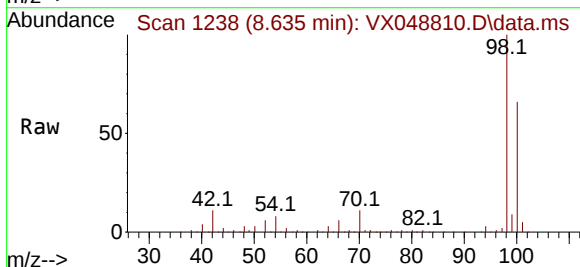
Delta R.T. 0.000 min

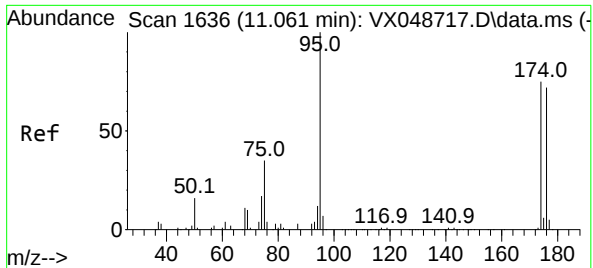
Lab File: VX048810.D

Acq: 10 Dec 2025 14:51

Tgt Ion: 98 Resp: 375438

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.4	80.0

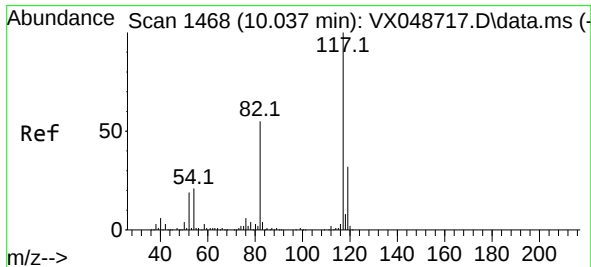
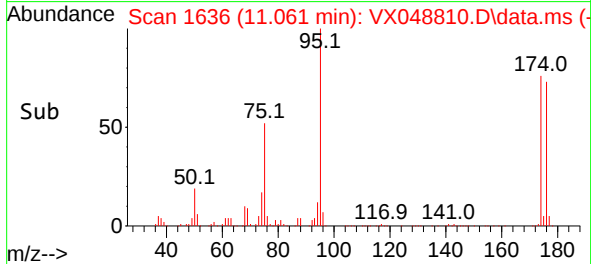
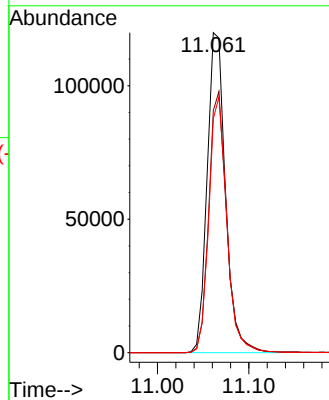
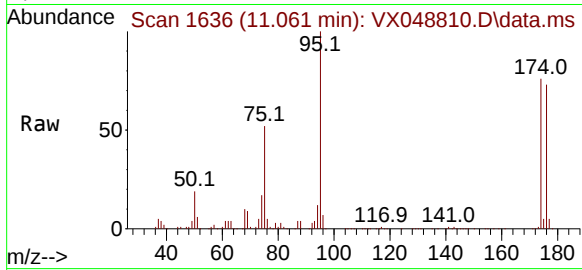




#62
4-Bromofluorobenzene
Concen: 62.619 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

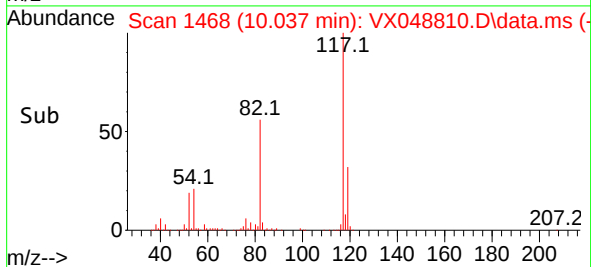
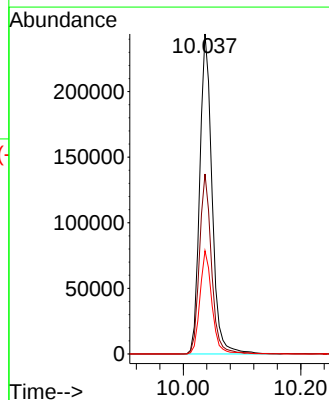
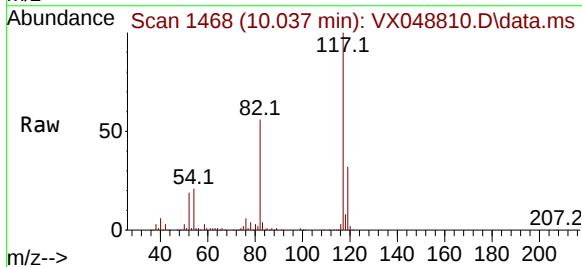
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425-FDRE

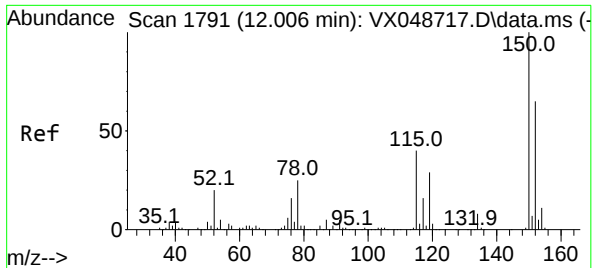
Tgt Ion: 95 Resp: 166905
Ion Ratio Lower Upper
95 100
174 80.1 0.0 157.8
176 78.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

Tgt Ion: 117 Resp: 354570
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048810.D

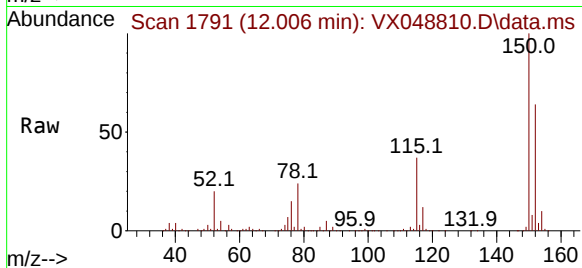
Acq: 10 Dec 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425-FDRE



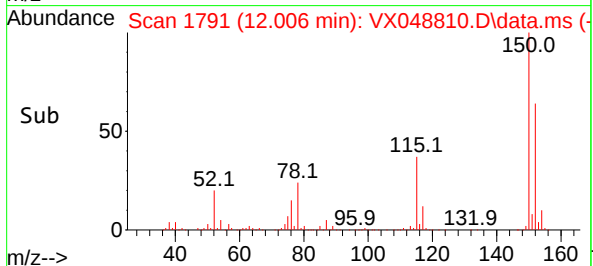
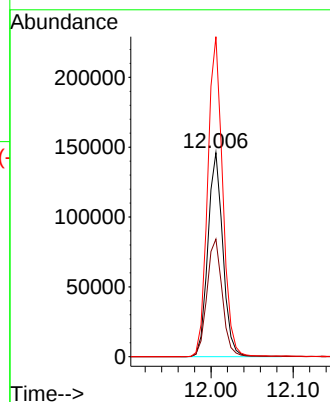
Tgt Ion:152 Resp: 184719

Ion Ratio Lower Upper

152 100

115 59.1 42.1 126.4

150 157.2 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048756.D
 Acq On : 08 Dec 2025 15:38
 Operator : JC/MD
 Sample : Q3787-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-08B-72.5-120425

Quant Time: Dec 09 04:11:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

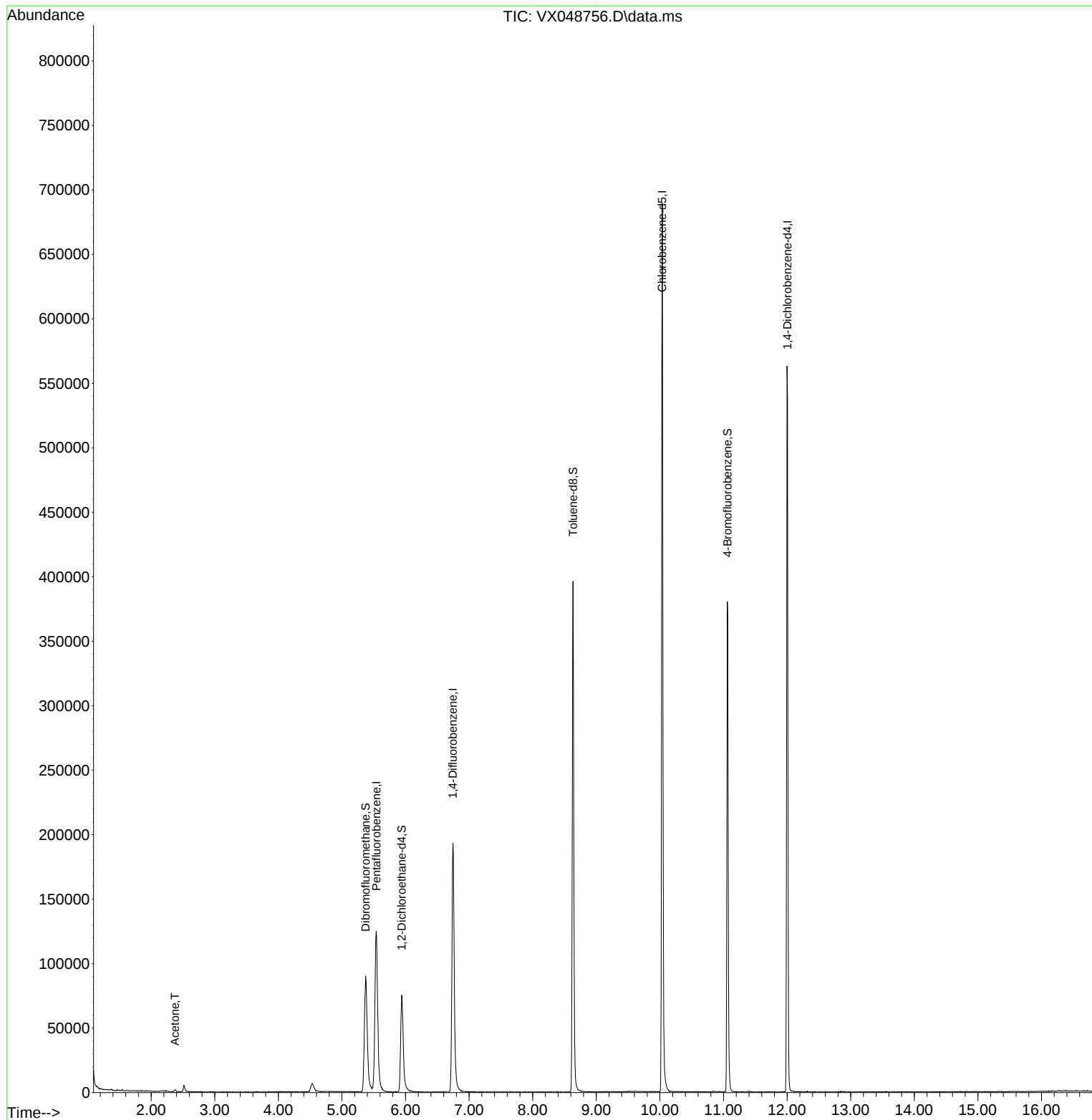
Internal Standards						
1) Pentafluorobenzene	5.544	168	124545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	210799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	312315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	78747	47.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.220%
35) Dibromofluoromethane	5.373	113	86750	59.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	119.540%
50) Toluene-d8	8.635	98	244119	47.982	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.061	95	103491	58.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.980%
Target Compounds						
16) Acetone	2.374	43	2204	3.444	ug/l	97

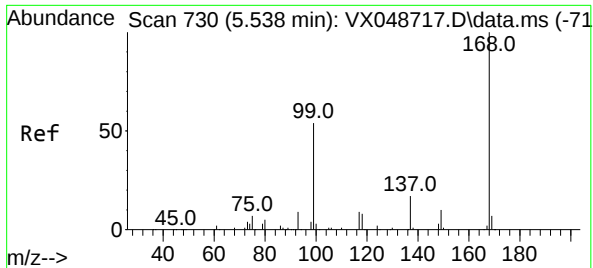
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048756.D
Acq On : 08 Dec 2025 15:38
Operator : JC/MD
Sample : Q3787-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425

Quant Time: Dec 09 04:11:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

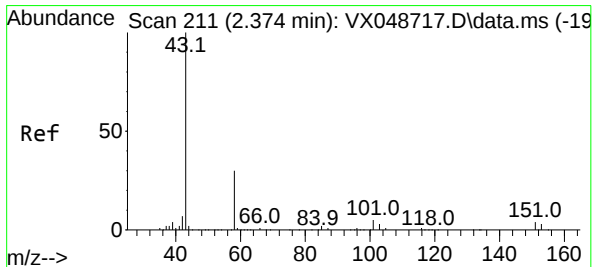
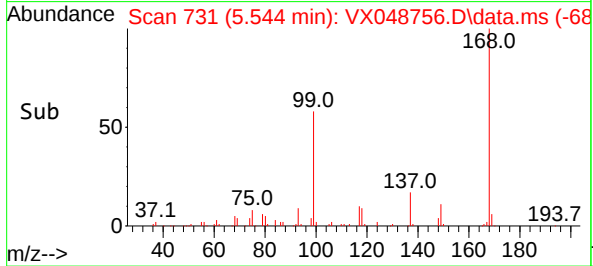
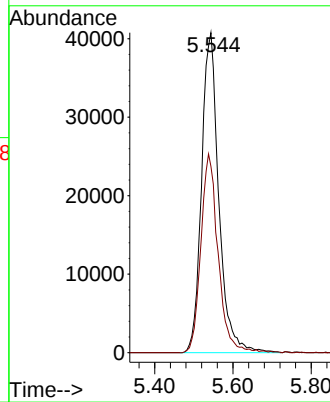
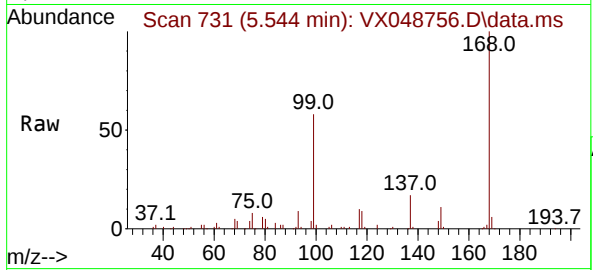




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048756.D
Acq: 08 Dec 2025 15:38

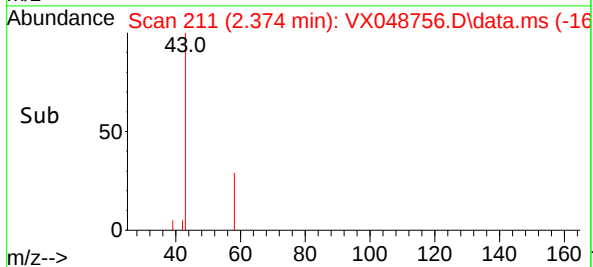
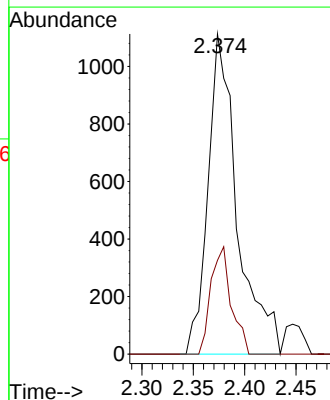
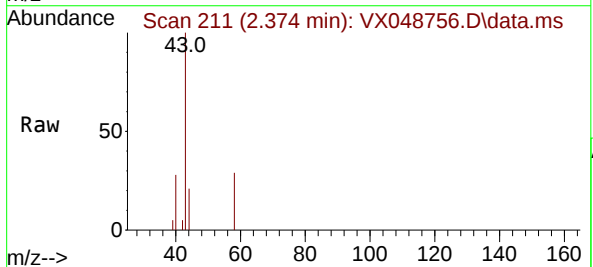
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425

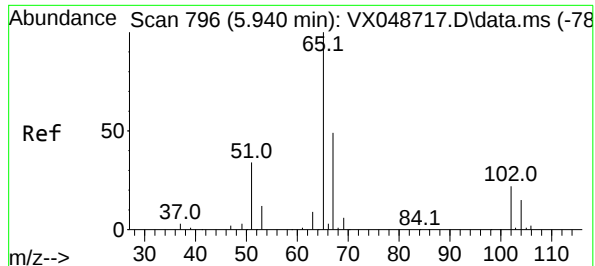
Tgt Ion:168 Resp: 124545
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#16
Acetone
Concen: 3.444 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048756.D
Acq: 08 Dec 2025 15:38

Tgt Ion: 43 Resp: 2204
Ion Ratio Lower Upper
43 100
58 29.3 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 47.108 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048756.D

Acq: 08 Dec 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

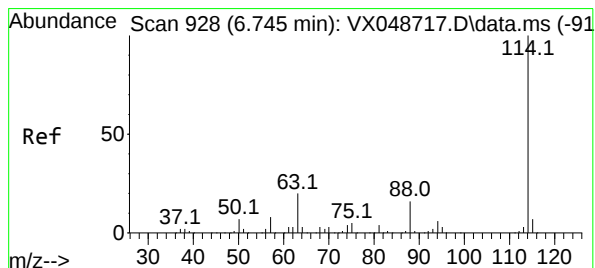
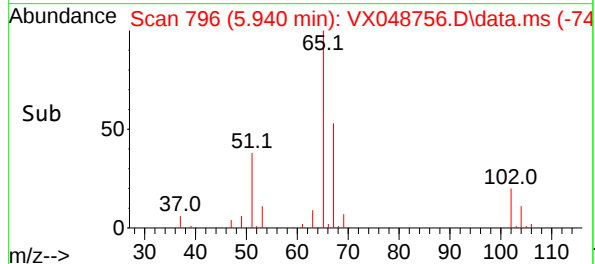
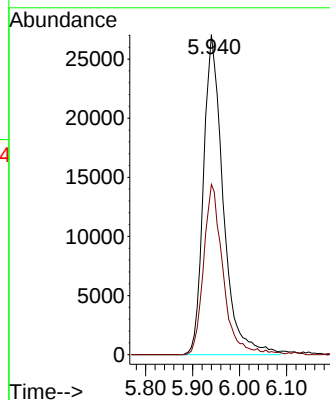
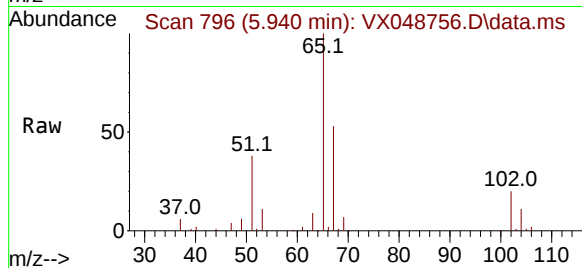
OW-08B-72.5-120425

Tgt Ion: 65 Resp: 78747

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048756.D

Acq: 08 Dec 2025 15:38

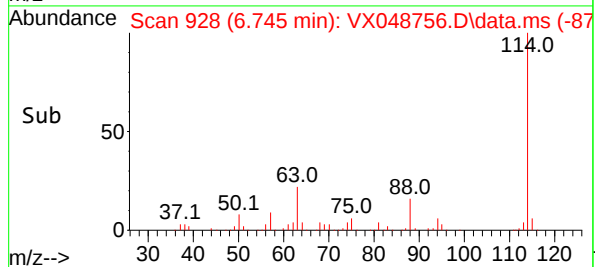
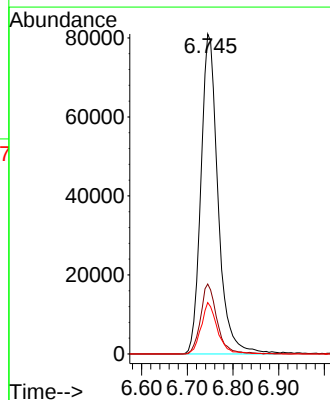
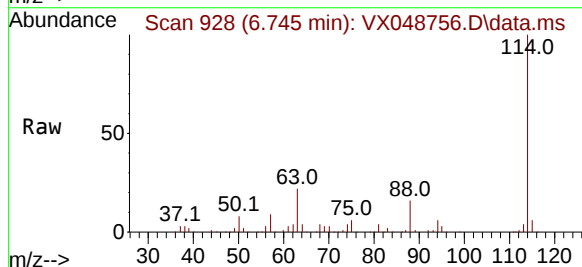
Tgt Ion: 114 Resp: 210799

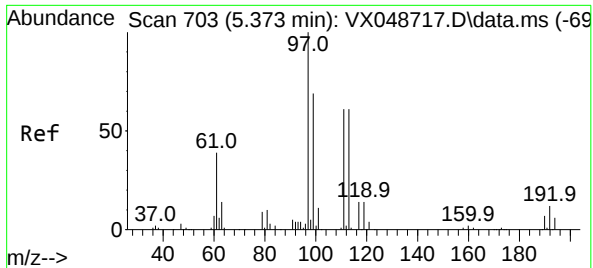
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 59.769 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048756.D

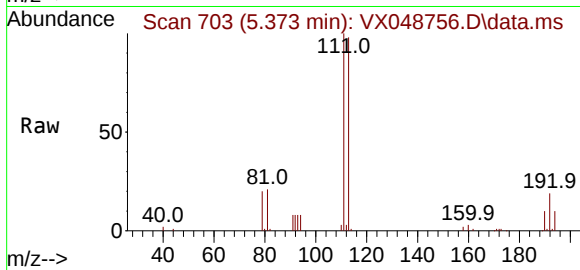
Acq: 08 Dec 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425



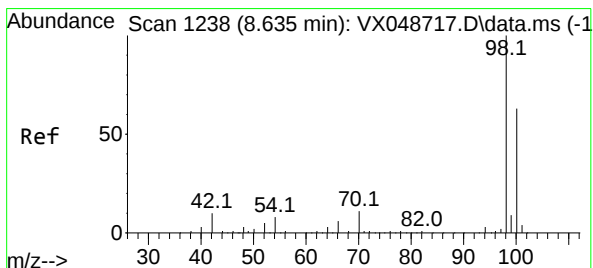
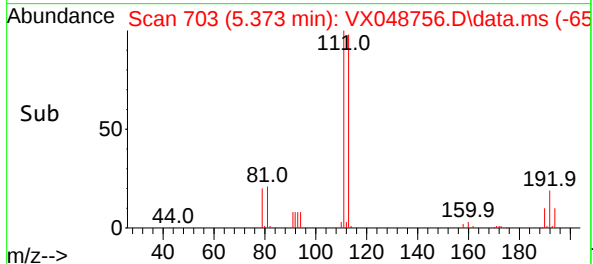
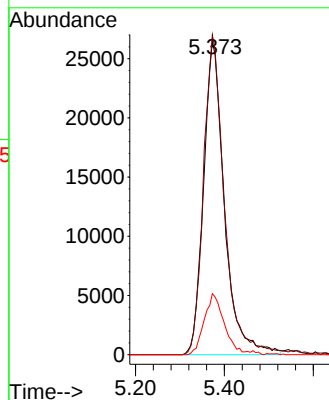
Tgt Ion:113 Resp: 86750

Ion Ratio Lower Upper

113 100

111 101.6 79.5 119.3

192 18.4 16.1 24.1



#50

Toluene-d8

Concen: 47.982 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048756.D

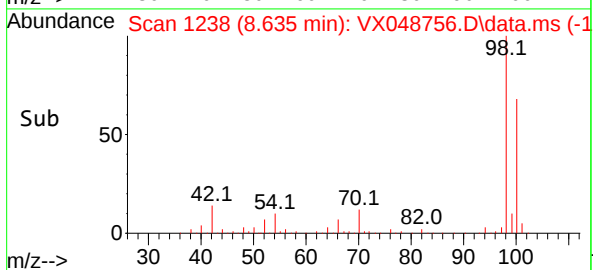
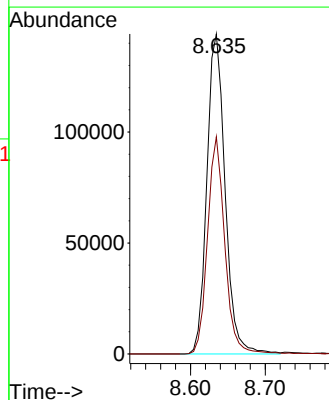
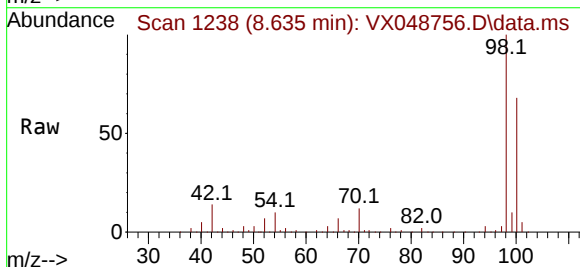
Acq: 08 Dec 2025 15:38

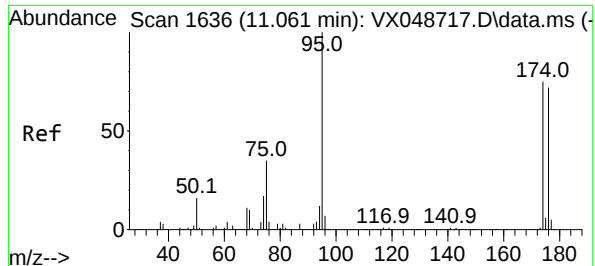
Tgt Ion: 98 Resp: 244119

Ion Ratio Lower Upper

98 100

100 64.5 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 58.989 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048756.D

Acq: 08 Dec 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425

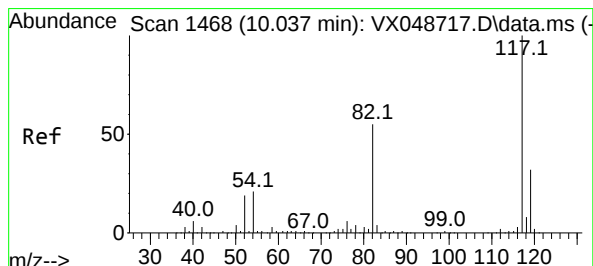
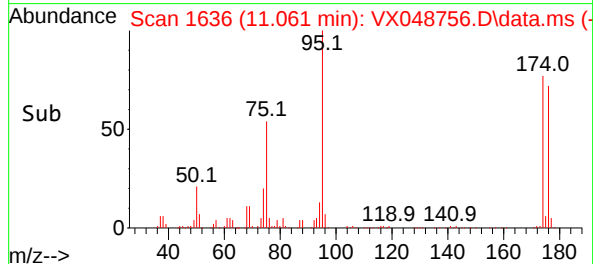
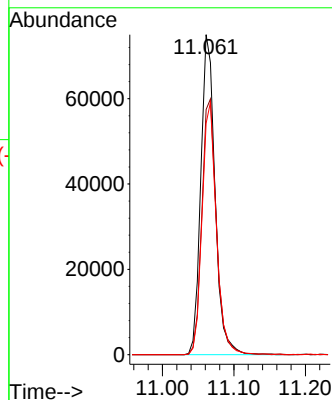
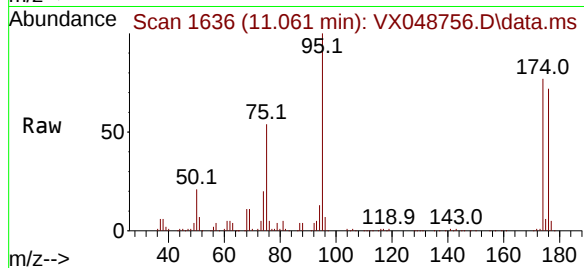
Tgt Ion: 95 Resp: 103491

Ion Ratio Lower Upper

95 100

174 82.3 0.0 157.8

176 79.5 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048756.D

Acq: 08 Dec 2025 15:38

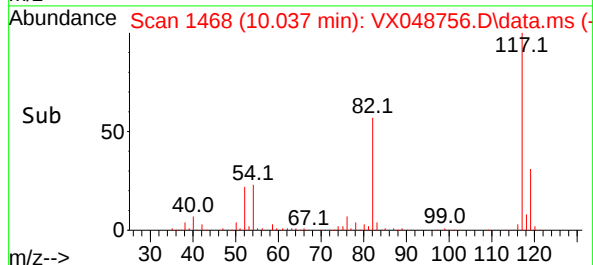
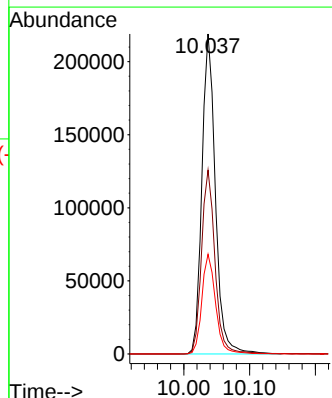
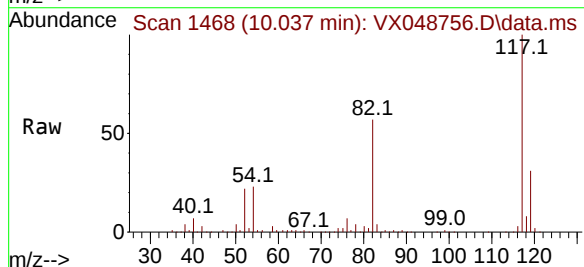
Tgt Ion: 117 Resp: 312315

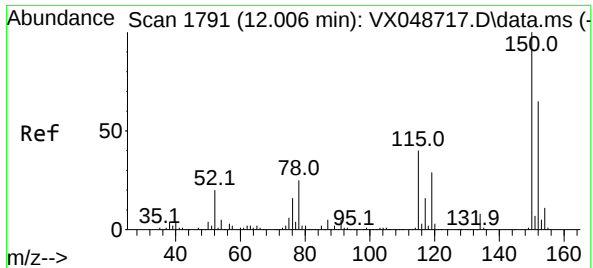
Ion Ratio Lower Upper

117 100

82 57.5 44.1 66.1

119 31.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048756.D

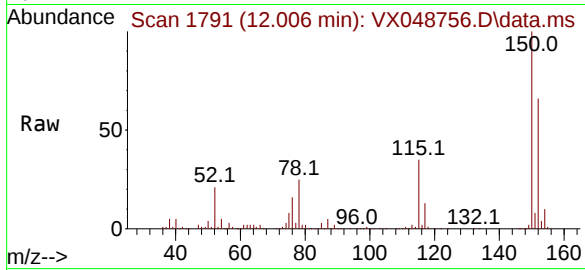
Acq: 08 Dec 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425



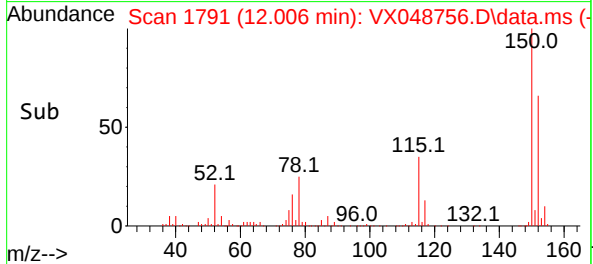
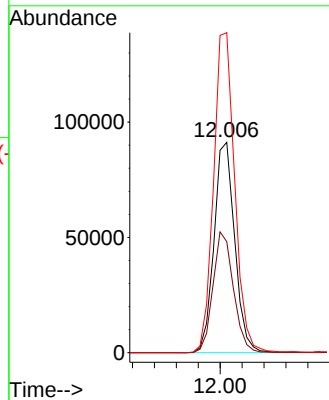
Tgt Ion:152 Resp: 119855

Ion Ratio Lower Upper

152 100

115 56.9 42.1 126.4

150 155.6 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048757.D
 Acq On : 08 Dec 2025 15:59
 Operator : JC/MD
 Sample : Q3787-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-08B-72.5-120425-FD

Quant Time: Dec 09 04:12:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

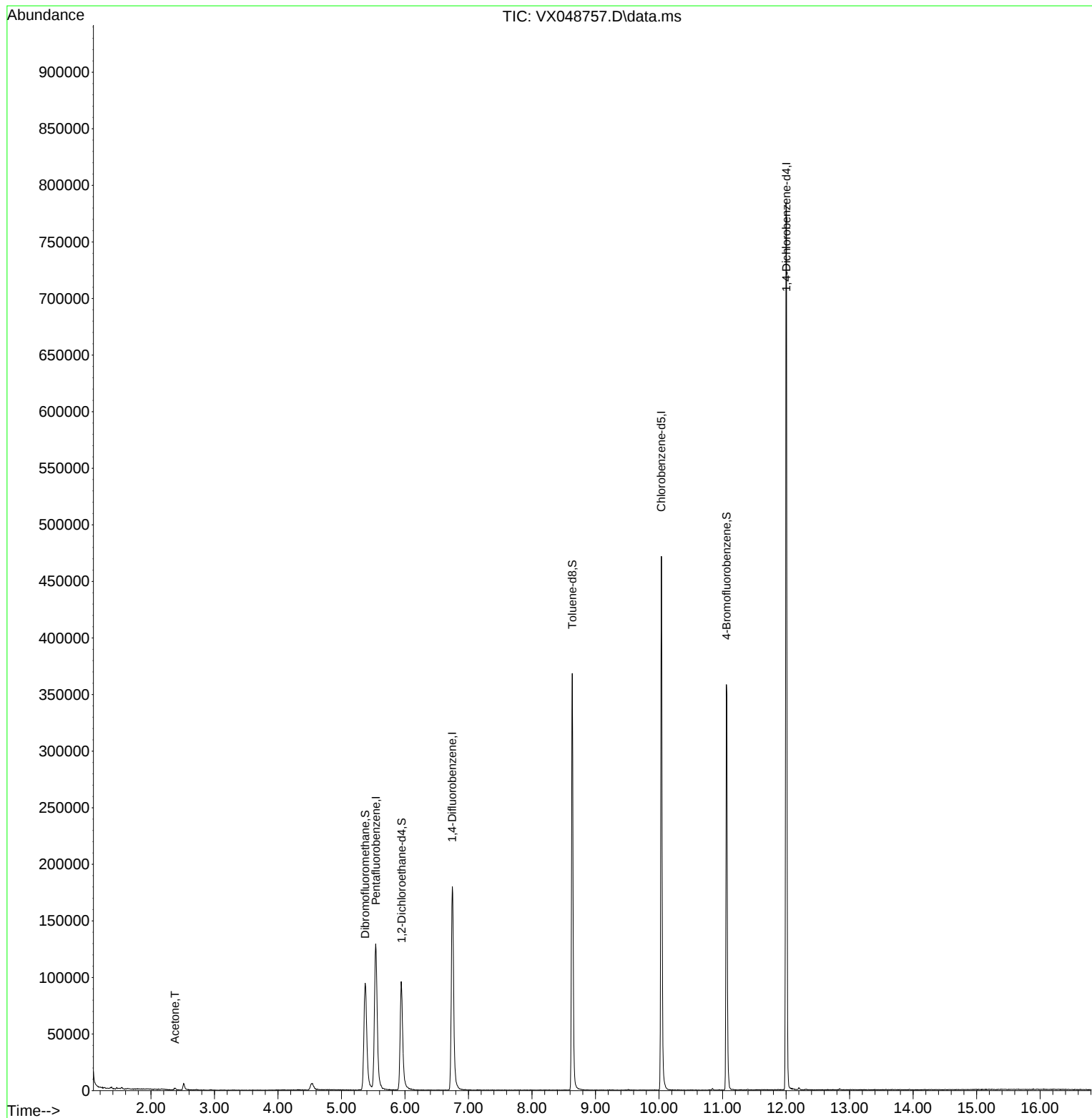
Internal Standards						
1) Pentafluorobenzene	5.544	168	127845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	199202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	216738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103994	60.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.220%#
35) Dibromofluoromethane	5.373	113	93556	68.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	136.420%#
50) Toluene-d8	8.634	98	228610	47.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.061	95	97752	58.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.920%
Target Compounds						
16) Acetone	2.380	43	2240	3.410	ug/l	Qvalue # 82

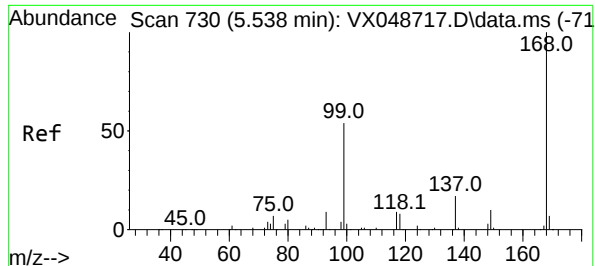
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048757.D
Acq On : 08 Dec 2025 15:59
Operator : JC/MD
Sample : Q3787-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FD

Quant Time: Dec 09 04:12:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

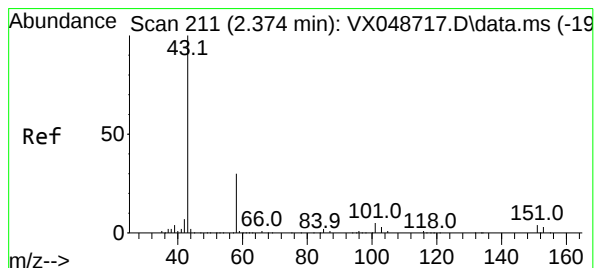
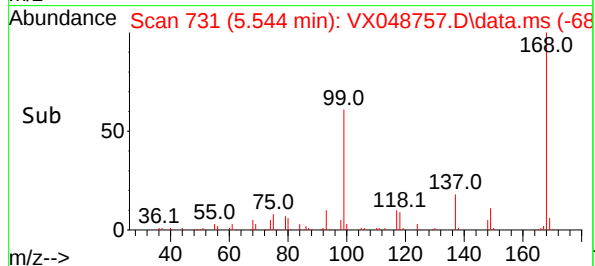
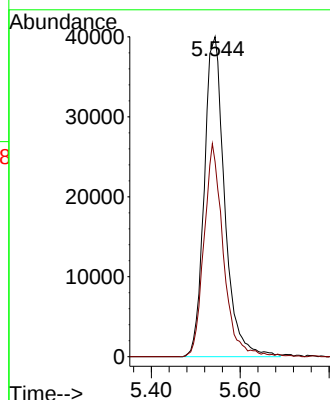
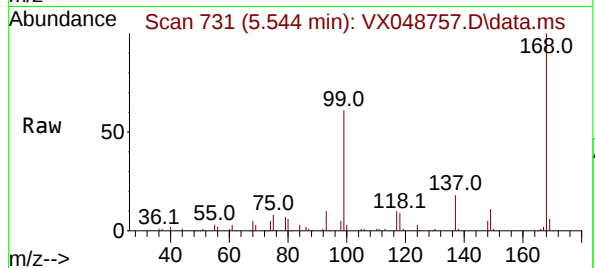




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048757.D
Acq: 08 Dec 2025 15:59

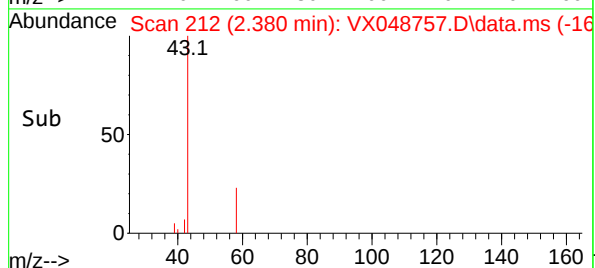
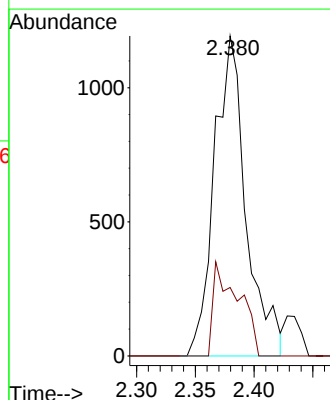
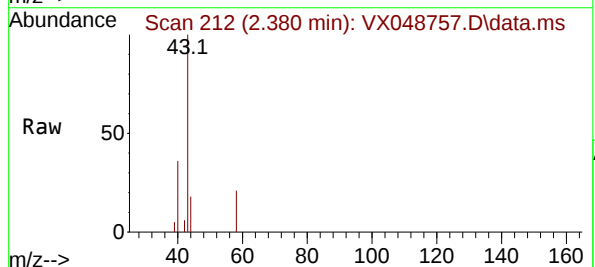
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FD

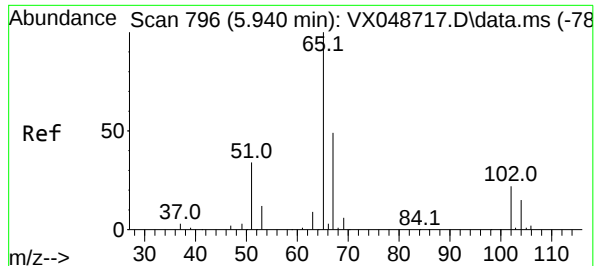
Tgt Ion:168 Resp: 127845
Ion Ratio Lower Upper
168 100
99 60.9 44.2 66.4



#16
Acetone
Concen: 3.410 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048757.D
Acq: 08 Dec 2025 15:59

Tgt Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
58 21.4 25.0 37.4#





#33

1,2-Dichloroethane-d4

Concen: 60.606 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

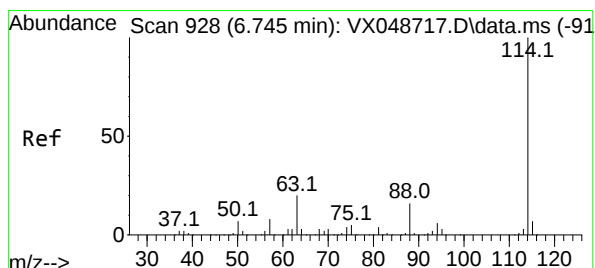
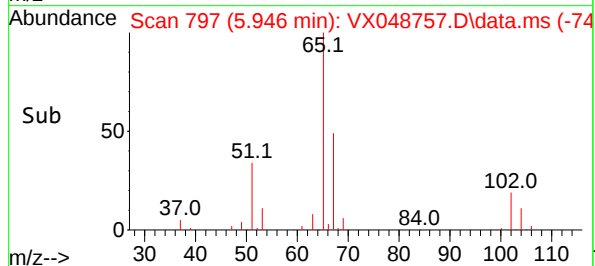
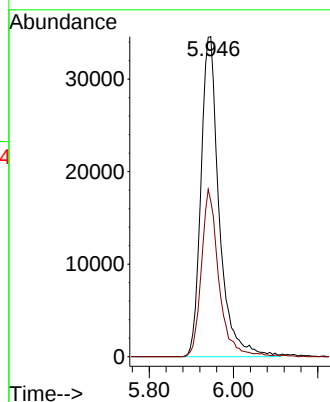
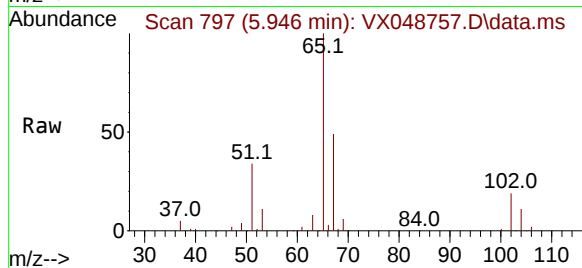
OW-08B-72.5-120425-FD

Tgt Ion: 65 Resp: 103994

Ion Ratio Lower Upper

65 100

67 50.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

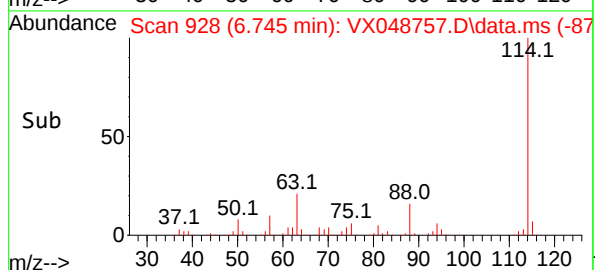
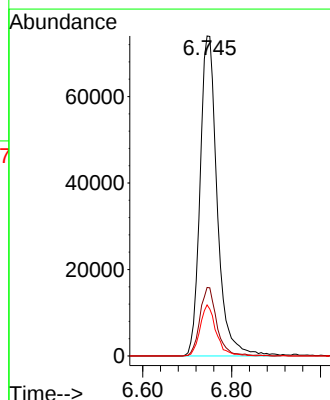
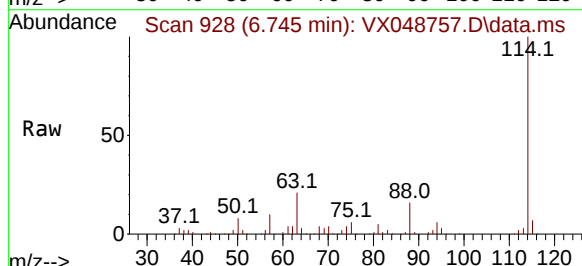
Tgt Ion: 114 Resp: 199202

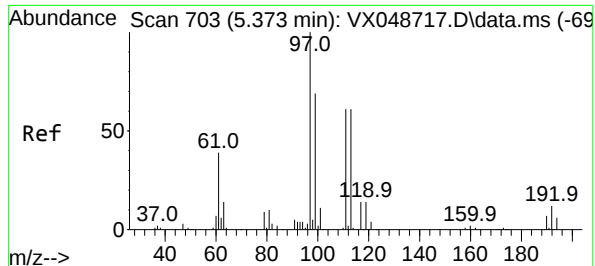
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 68.210 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048757.D

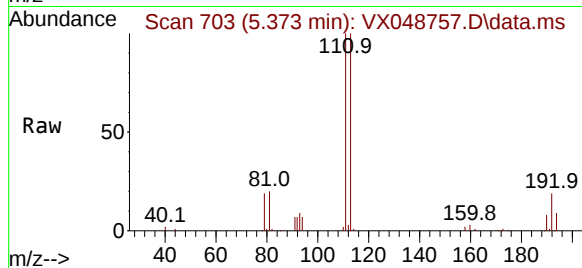
Acq: 08 Dec 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425-FD



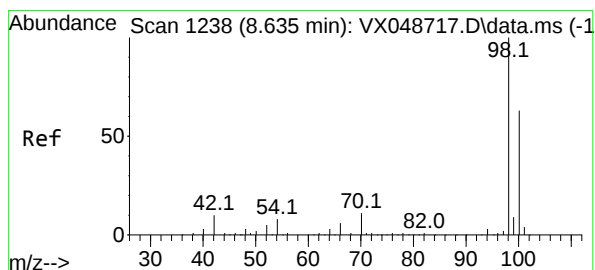
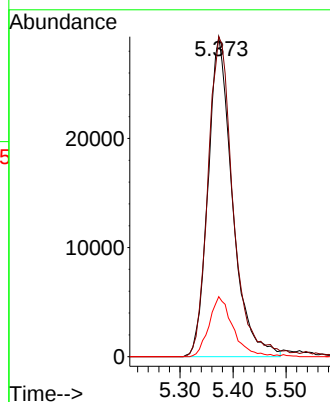
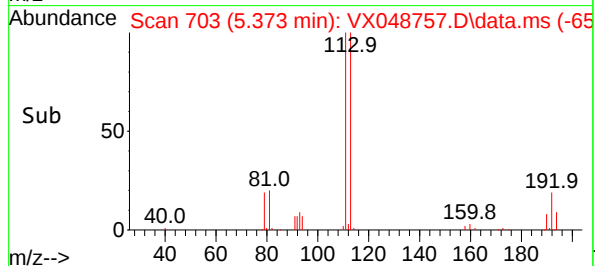
Tgt Ion:113 Resp: 93556

Ion Ratio Lower Upper

113 100

111 103.7 79.5 119.3

192 18.5 16.1 24.1



#50

Toluene-d8

Concen: 47.550 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048757.D

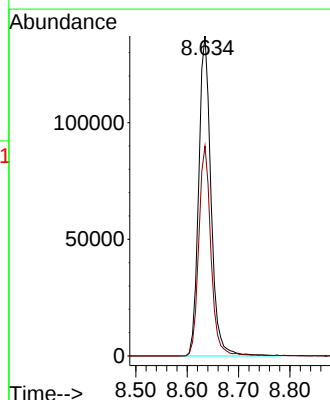
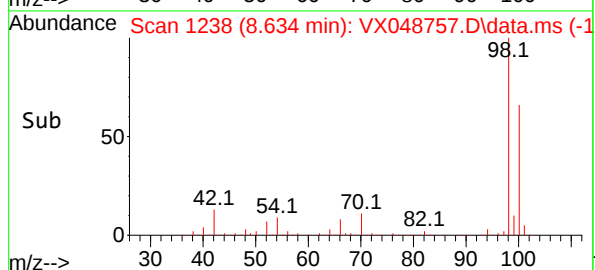
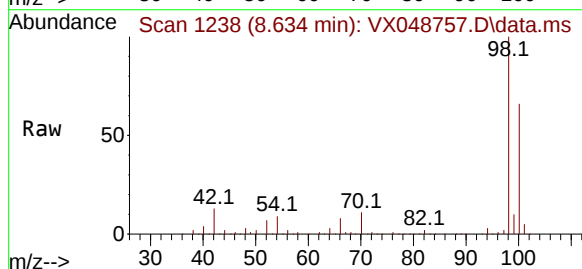
Acq: 08 Dec 2025 15:59

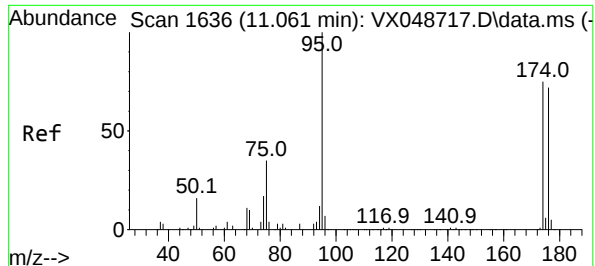
Tgt Ion: 98 Resp: 228610

Ion Ratio Lower Upper

98 100

100 64.9 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 58.962 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425-FD

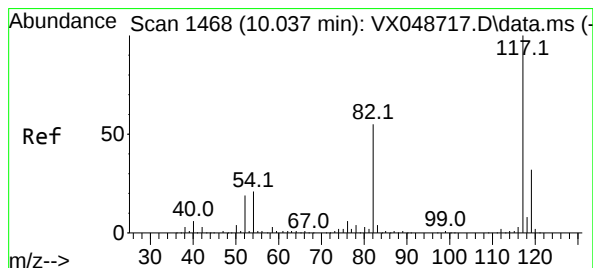
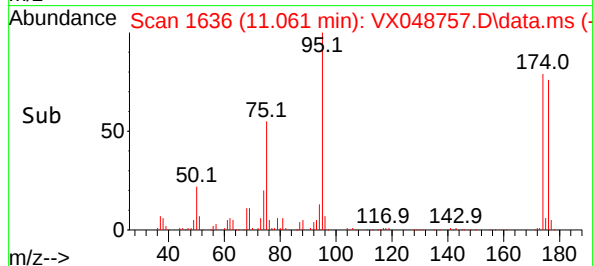
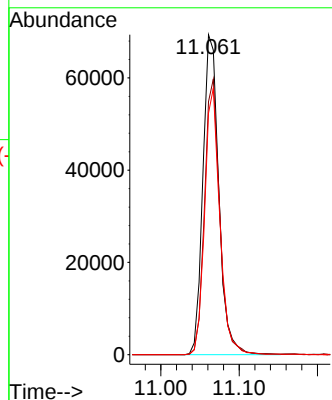
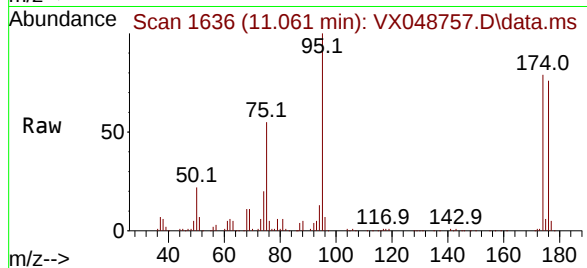
Tgt Ion: 95 Resp: 97752

Ion Ratio Lower Upper

95 100

174 82.7 0.0 157.8

176 79.5 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

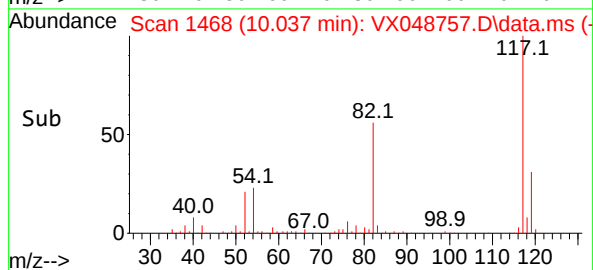
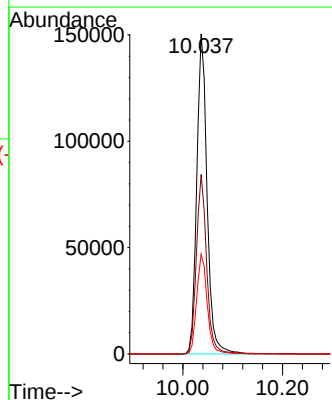
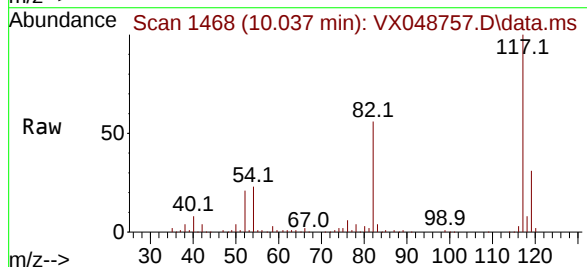
Tgt Ion: 117 Resp: 216738

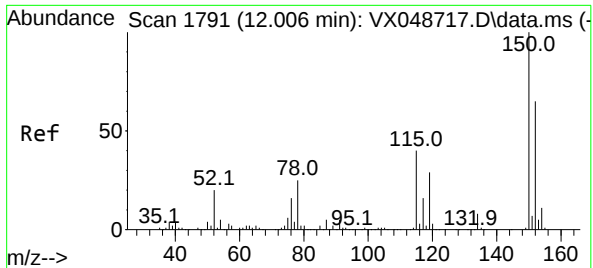
Ion Ratio Lower Upper

117 100

82 56.1 44.1 66.1

119 31.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048757.D

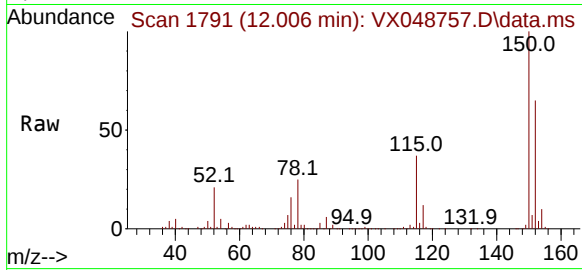
Acq: 08 Dec 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425-FD



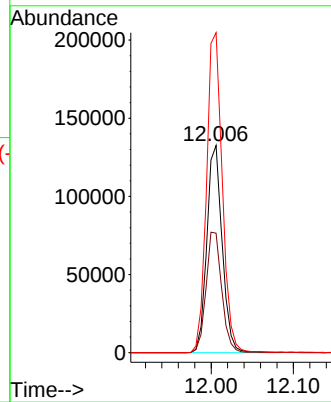
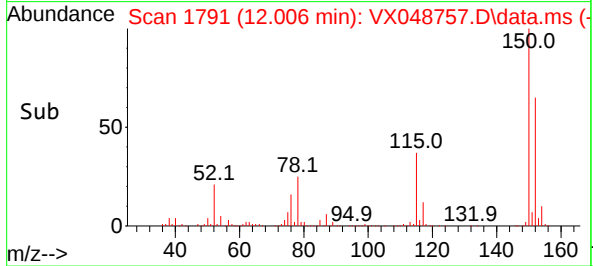
Tgt Ion:152 Resp: 171945

Ion Ratio Lower Upper

152 100

115 59.7 42.1 126.4

150 158.7 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048811.D
 Acq On : 10 Dec 2025 15:11
 Operator : JC/MD
 Sample : Q3787-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-08B-72.5-120425-FDRE

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 11 00:24:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	154804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	318388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	186375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121686	58.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.140%#	
35) Dibromofluoromethane	5.379	113	104014	47.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.900%	
50) Toluene-d8	8.635	98	361441	47.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.080%	
62) 4-Bromofluorobenzene	11.061	95	162743	61.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.840%	

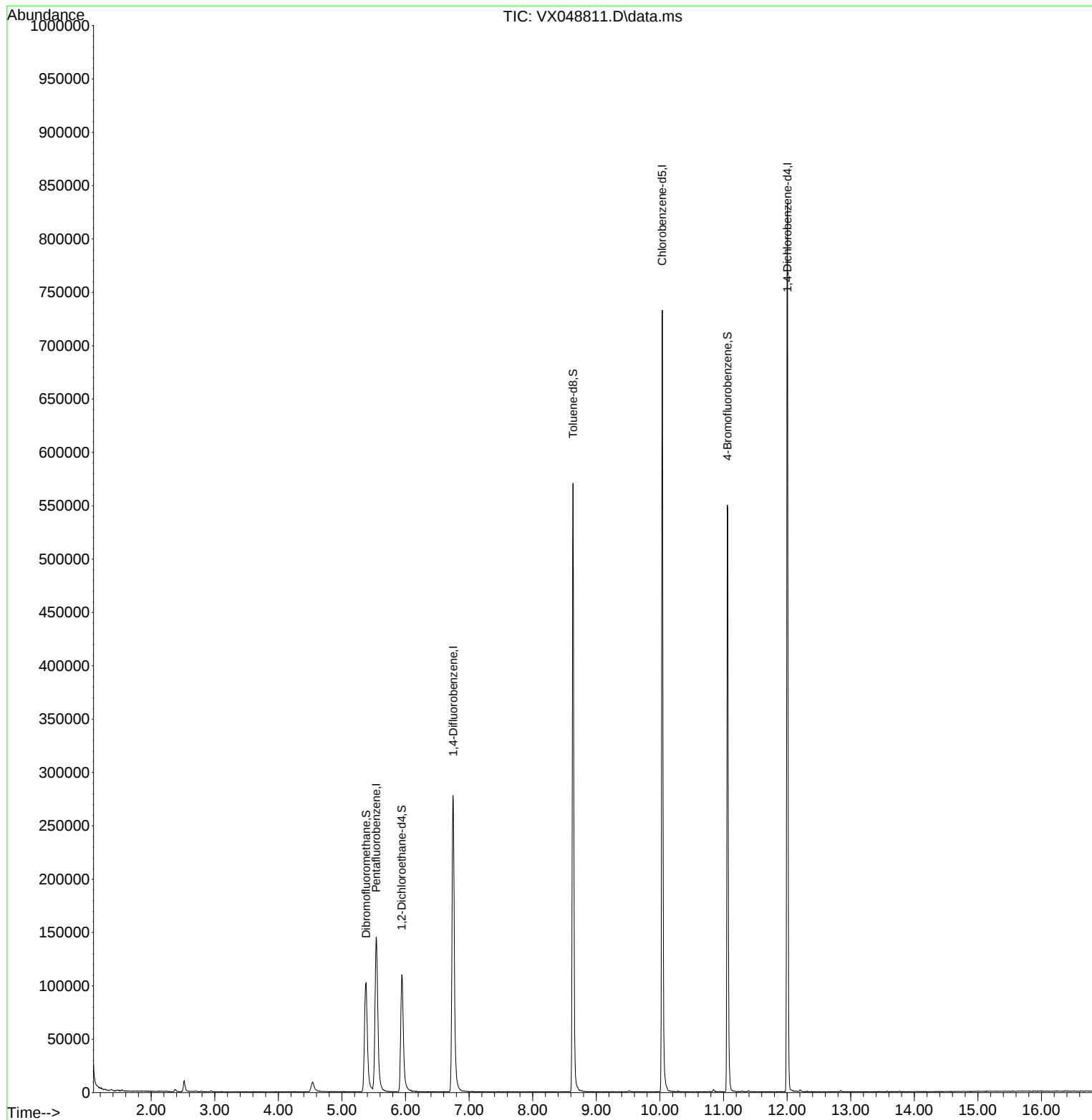
Target Compounds	Qvalue

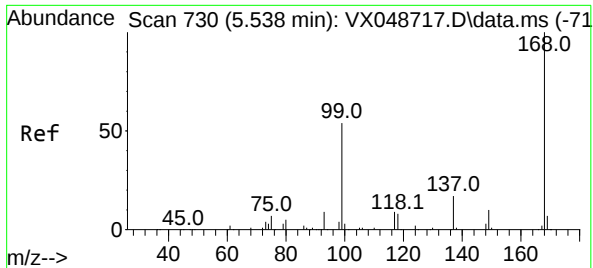
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048811.D
Acq On : 10 Dec 2025 15:11
Operator : JC/MD
Sample : Q3787-17RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

Quant Time: Dec 11 00:24:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

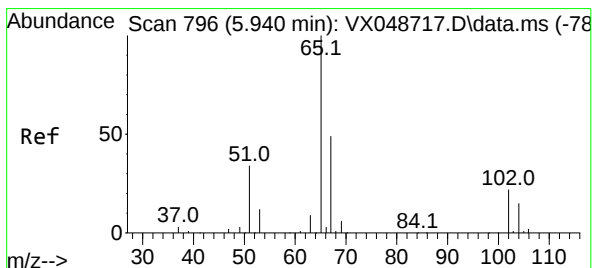
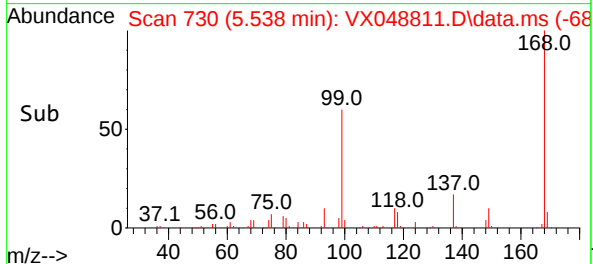
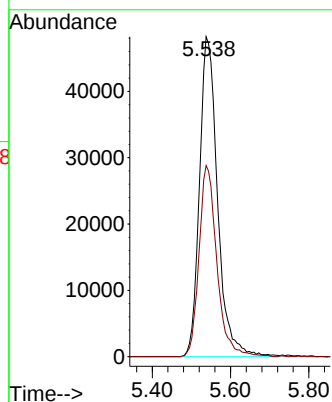
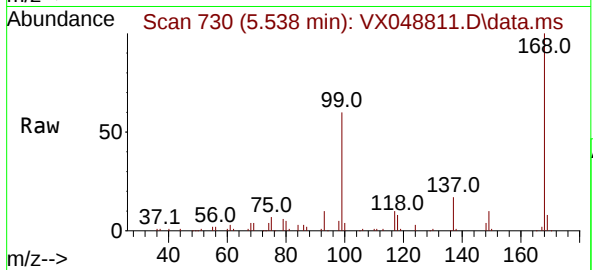




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

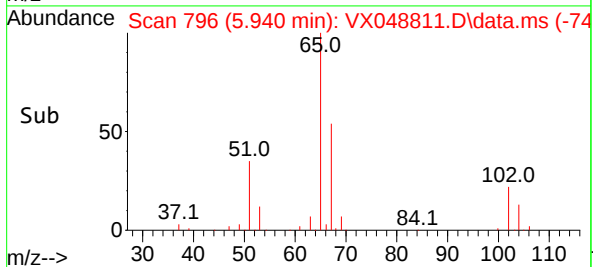
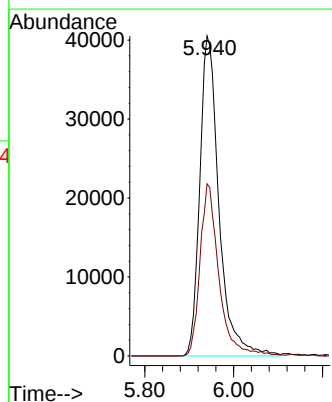
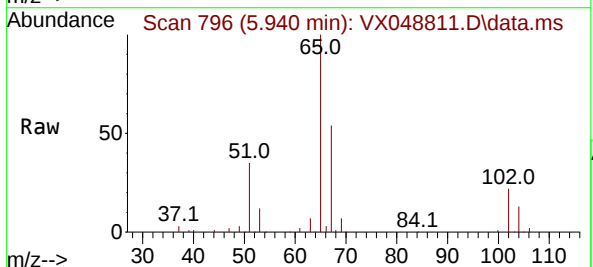
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

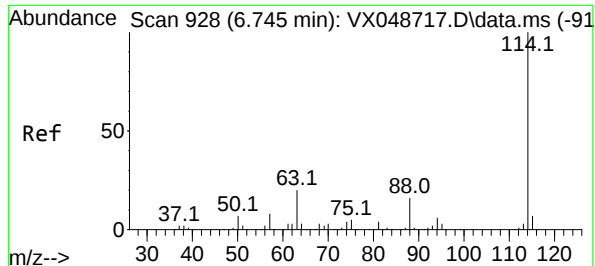
Tgt Ion:168 Resp: 154804
Ion Ratio Lower Upper
168 100
99 59.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.566 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 65 Resp: 121686
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX048811.D

Acq: 10 Dec 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425-FDRE

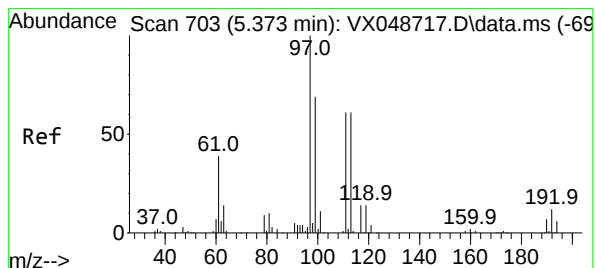
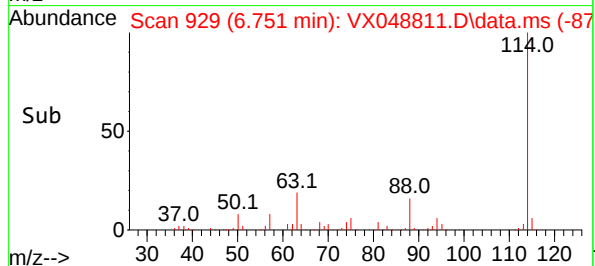
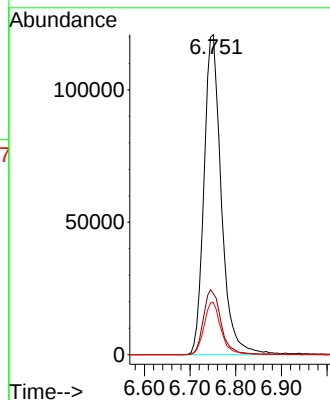
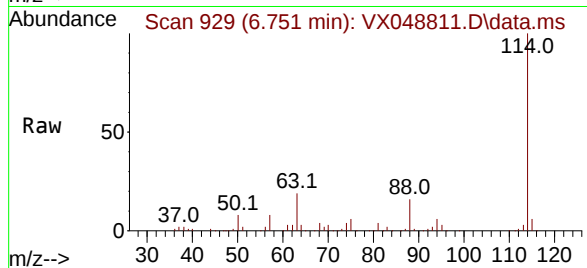
Tgt Ion:114 Resp: 318388

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.447 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048811.D

Acq: 10 Dec 2025 15:11

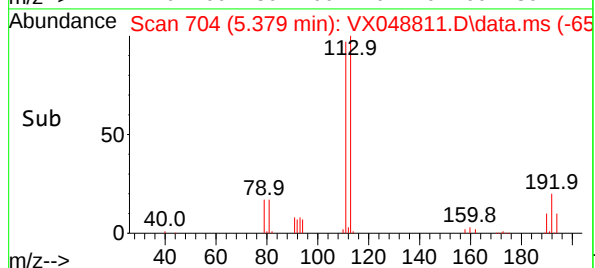
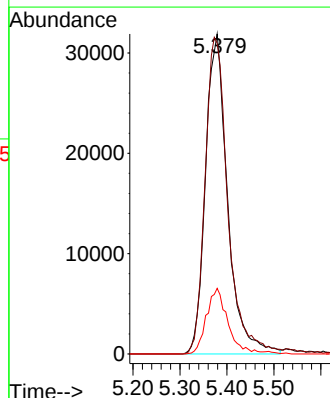
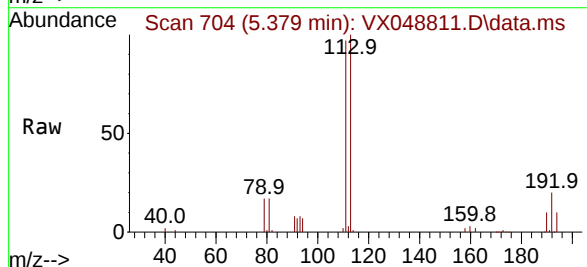
Tgt Ion:113 Resp: 104014

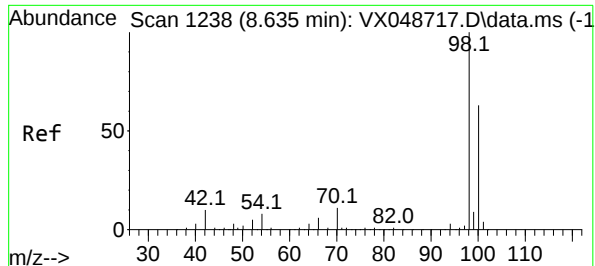
Ion Ratio Lower Upper

113 100

111 101.8 79.5 119.3

192 19.8 16.1 24.1





#50

Toluene-d8

Concen: 47.035 ug/l

RT: 8.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048811.D

Acq: 10 Dec 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

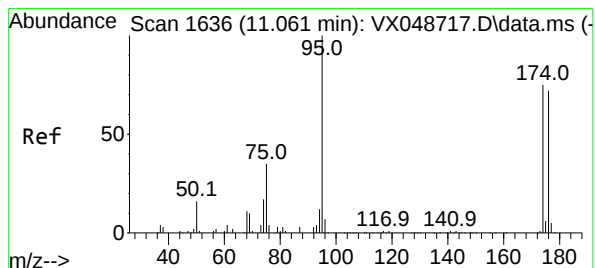
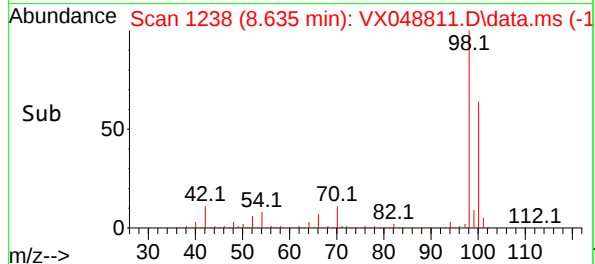
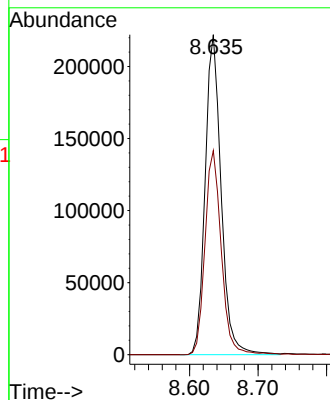
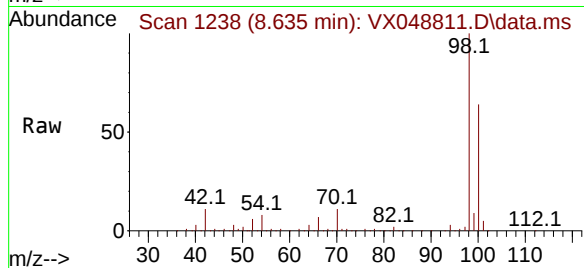
OW-08B-72.5-120425-FDRE

Tgt Ion: 98 Resp: 361441

Ion Ratio Lower Upper

98 100

100 65.0 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 61.416 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048811.D

Acq: 10 Dec 2025 15:11

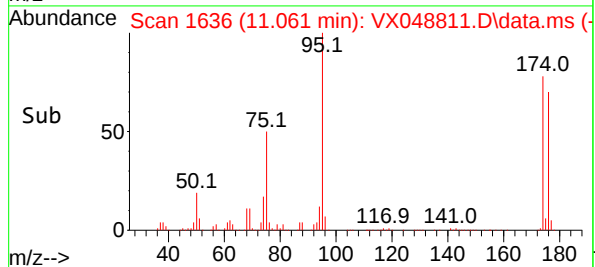
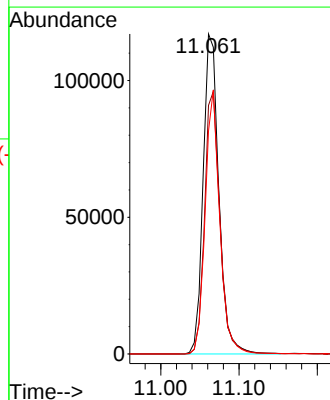
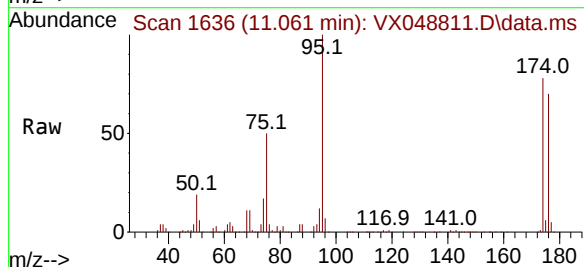
Tgt Ion: 95 Resp: 162743

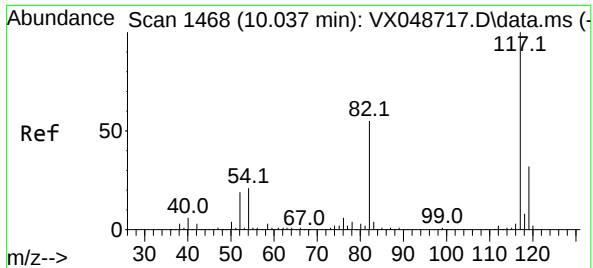
Ion Ratio Lower Upper

95 100

174 80.7 0.0 157.8

176 76.9 0.0 154.0

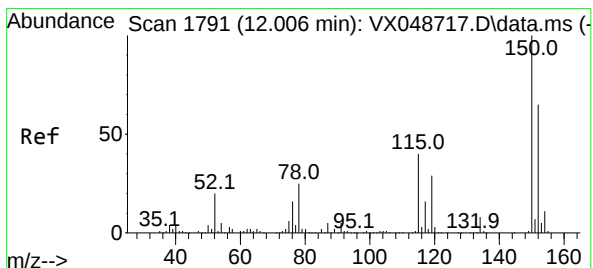
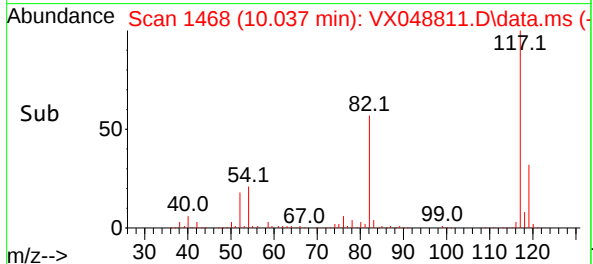
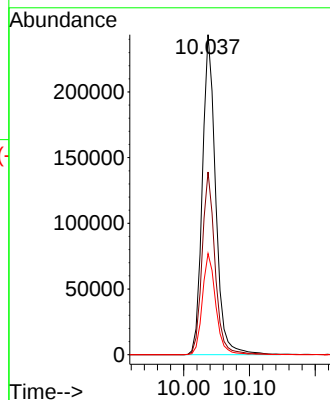
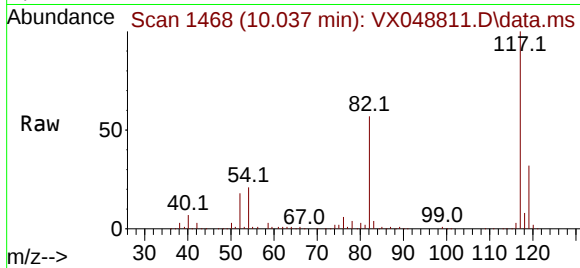




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

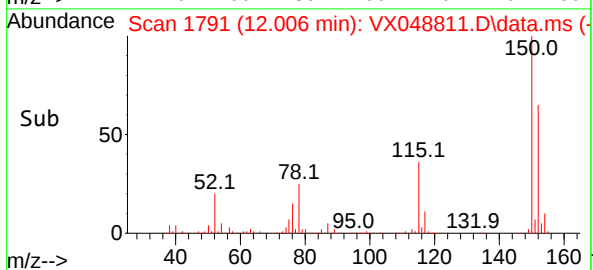
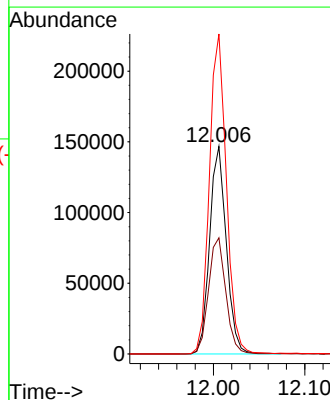
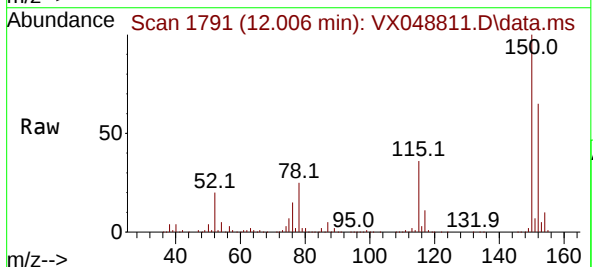
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

Tgt Ion:117 Resp: 343017
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion:152 Resp: 186375
Ion Ratio Lower Upper
152 100
115 58.0 42.1 126.4
150 156.6 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048812.D
 Acq On : 10 Dec 2025 15:32
 Operator : JC/MD
 Sample : Q3787-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-02B-21.2-120425

Quant Time: Dec 11 00:24:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

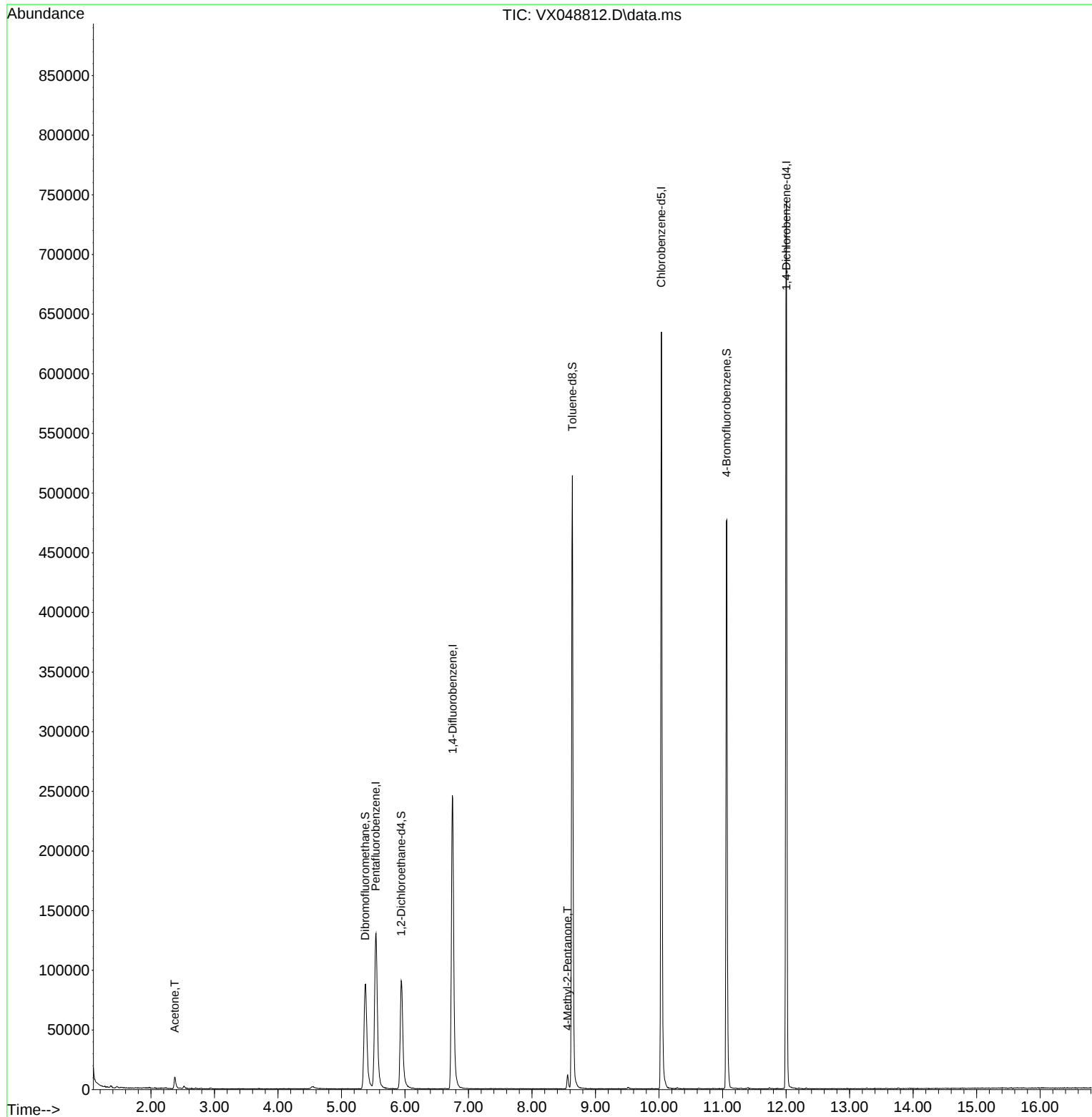
Internal Standards						
1) Pentafluorobenzene	5.538	168	138008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	284336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	306079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	165546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99469	53.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.400%
35) Dibromofluoromethane	5.373	113	92123	47.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.635	98	321012	46.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	11.061	95	143570	60.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.340%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	13881	19.575	ug/l	95
51) 4-Methyl-2-Pentanone	8.562	43	8113	2.694	ug/l	95

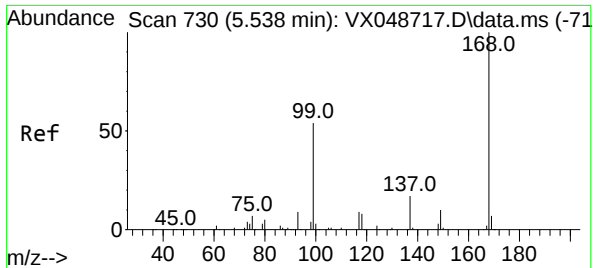
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048812.D
Acq On : 10 Dec 2025 15:32
Operator : JC/MD
Sample : Q3787-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-02B-21.2-120425

Quant Time: Dec 11 00:24:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

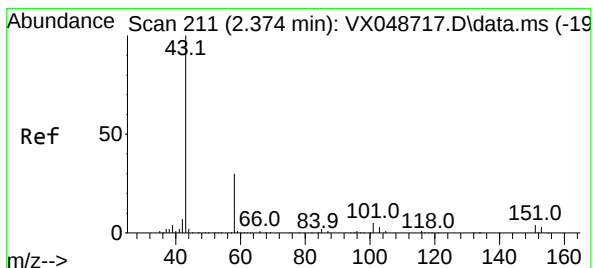
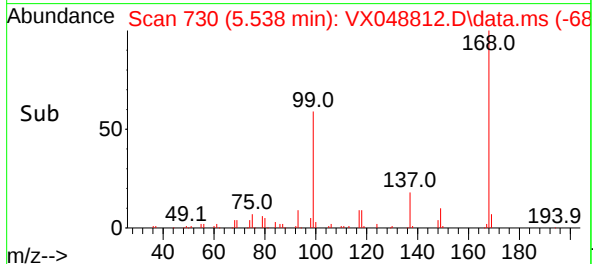
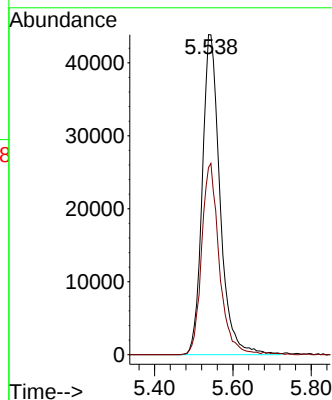
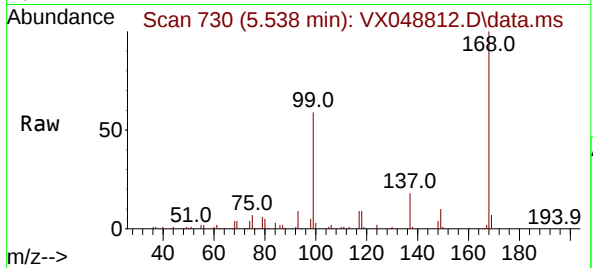




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

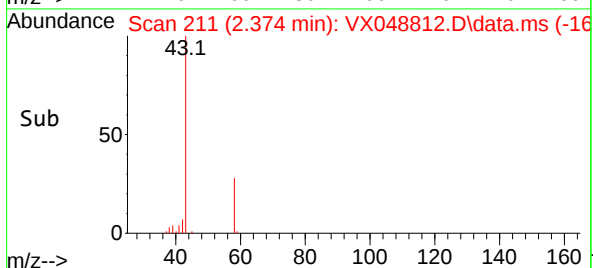
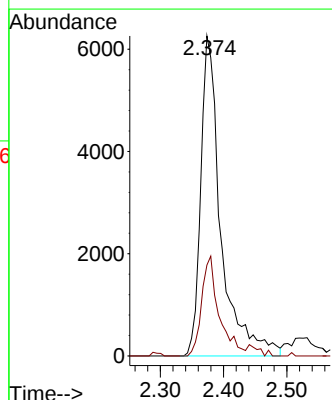
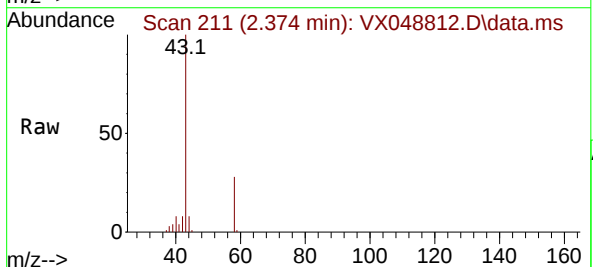
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-21.2-120425

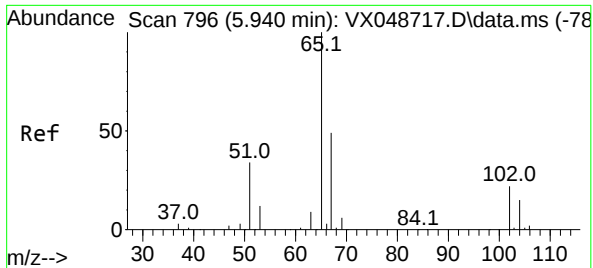
Tgt Ion:168 Resp: 138008
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#16
Acetone
Concen: 19.575 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

Tgt Ion: 43 Resp: 13881
Ion Ratio Lower Upper
43 100
58 28.4 25.0 37.4

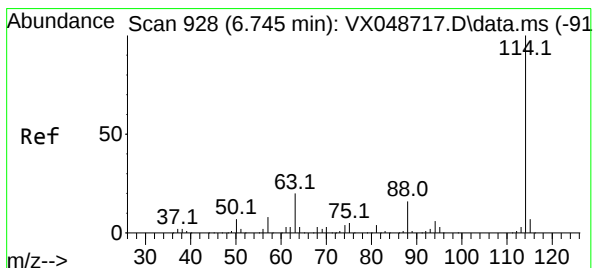
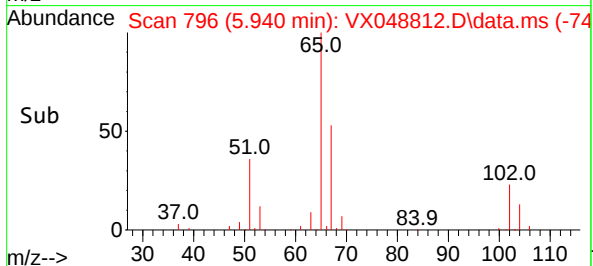
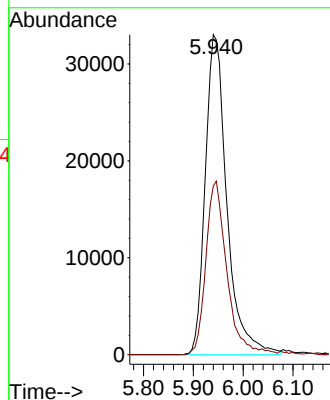
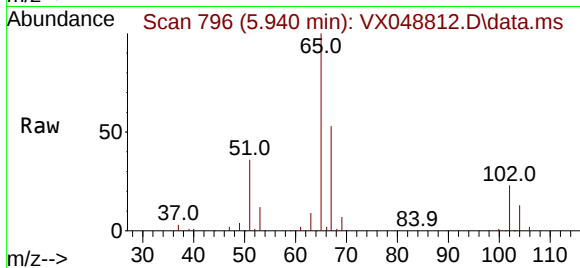




#33
1,2-Dichloroethane-d4
Concen: 53.700 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

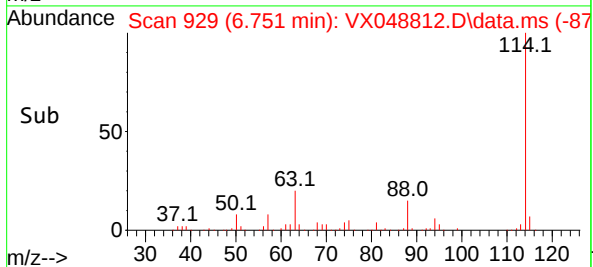
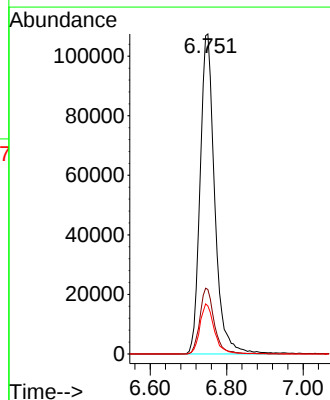
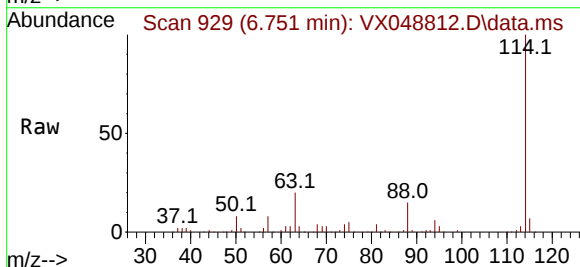
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-21.2-120425

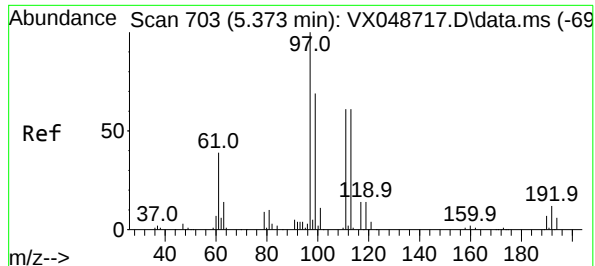
Tgt Ion: 65 Resp: 99469
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048812.D
Acq: 10 Dec 2025 15:32

Tgt Ion: 114 Resp: 284336
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.055 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048812.D

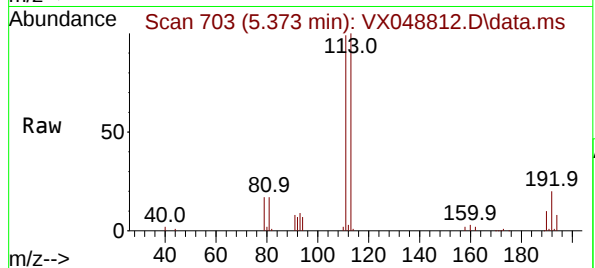
Acq: 10 Dec 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

OW-02B-21.2-120425



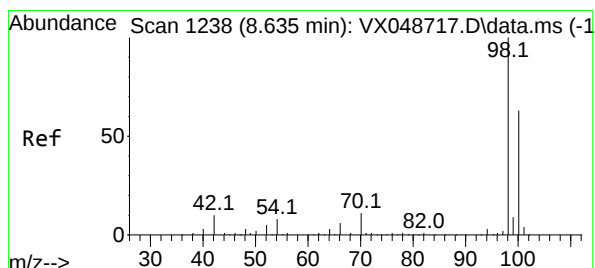
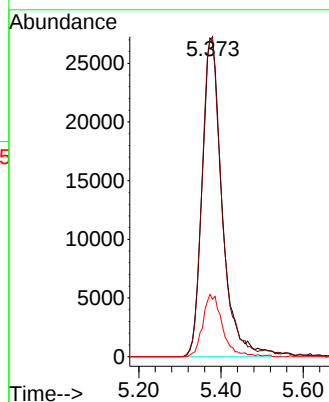
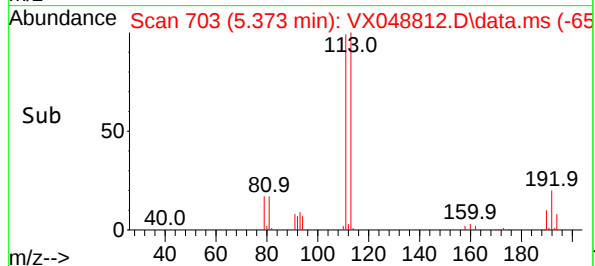
Tgt Ion:113 Resp: 92123

Ion Ratio Lower Upper

113 100

111 98.3 79.5 119.3

192 19.1 16.1 24.1



#50

Toluene-d8

Concen: 46.777 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048812.D

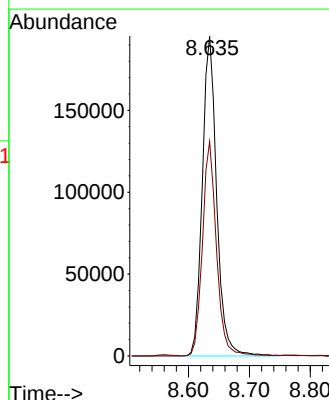
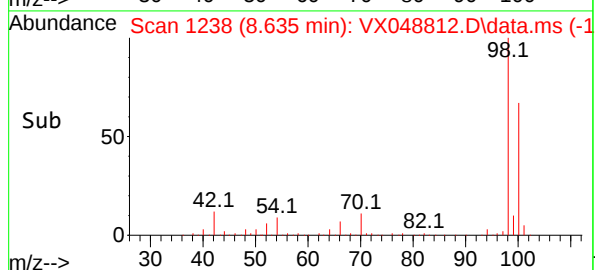
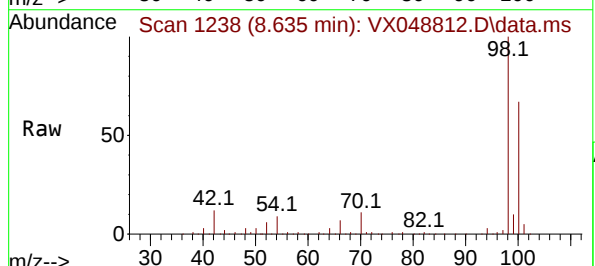
Acq: 10 Dec 2025 15:32

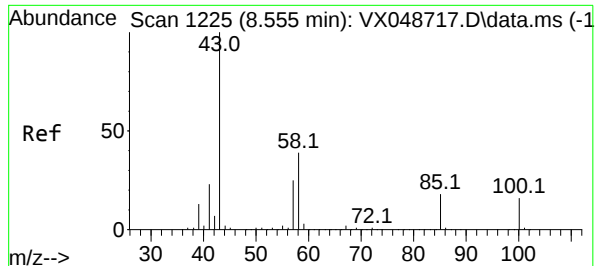
Tgt Ion: 98 Resp: 321012

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 2.694 ug/l

RT: 8.562 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048812.D

Acq: 10 Dec 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

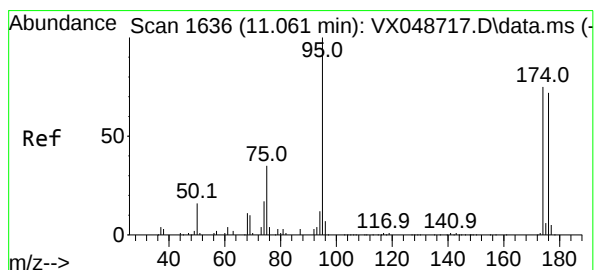
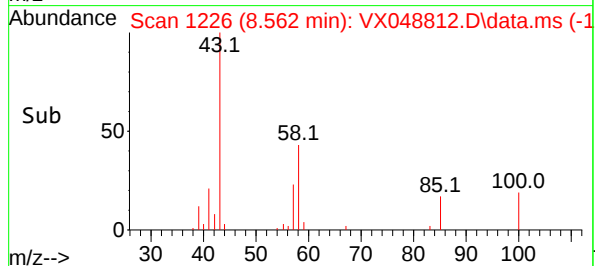
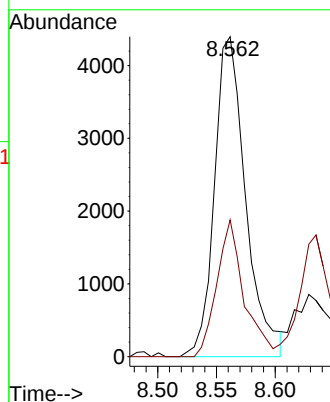
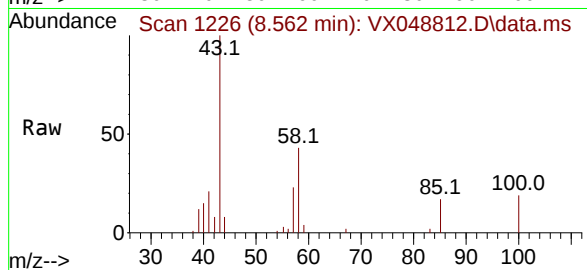
OW-02B-21.2-120425

Tgt Ion: 43 Resp: 8113

Ion Ratio Lower Upper

43 100

58 37.2 32.2 48.4



#62

4-Bromofluorobenzene

Concen: 60.669 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048812.D

Acq: 10 Dec 2025 15:32

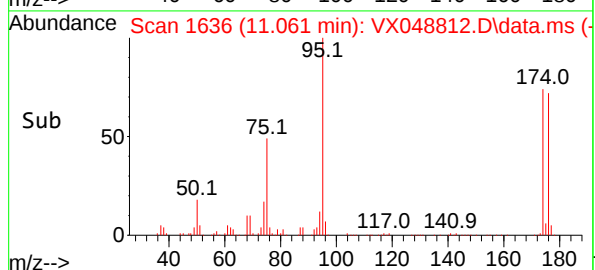
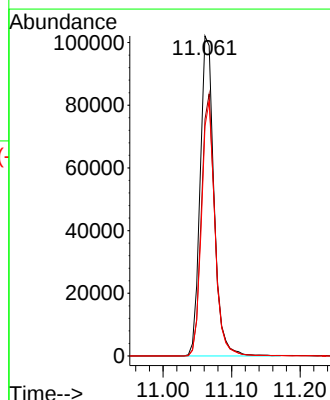
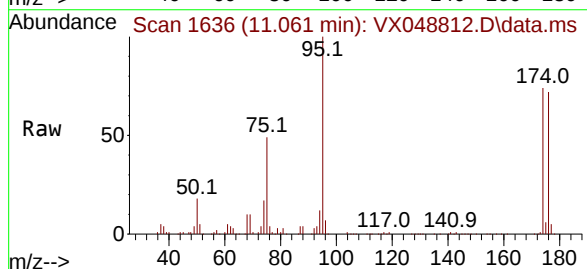
Tgt Ion: 95 Resp: 143570

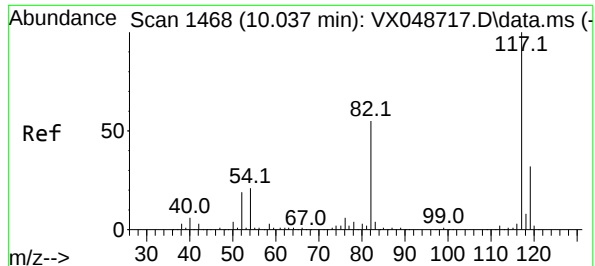
Ion Ratio Lower Upper

95 100

174 80.1 0.0 157.8

176 77.2 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048812.D

Acq: 10 Dec 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

OW-02B-21.2-120425

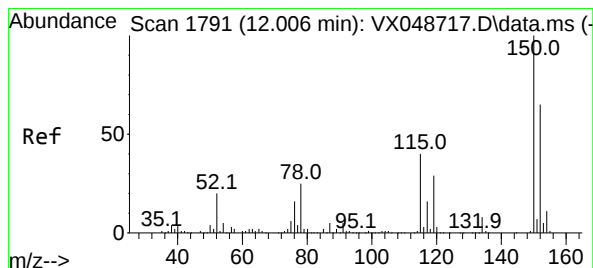
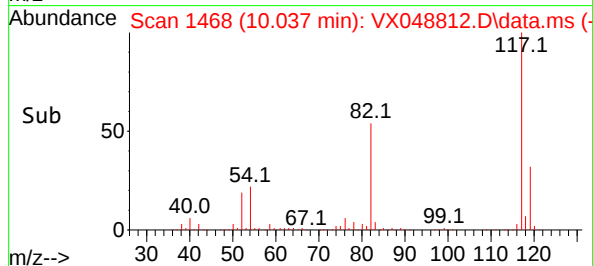
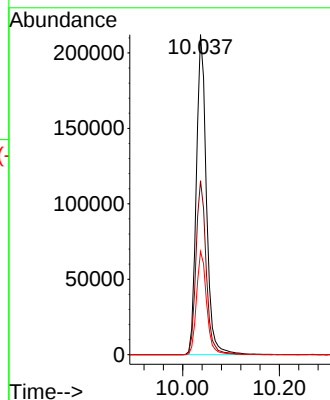
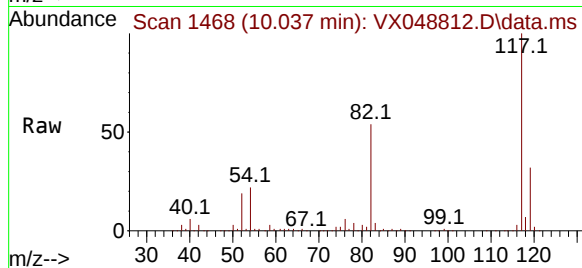
Tgt Ion:117 Resp: 306079

Ion Ratio Lower Upper

117 100

82 54.3 44.1 66.1

119 32.2 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048812.D

Acq: 10 Dec 2025 15:32

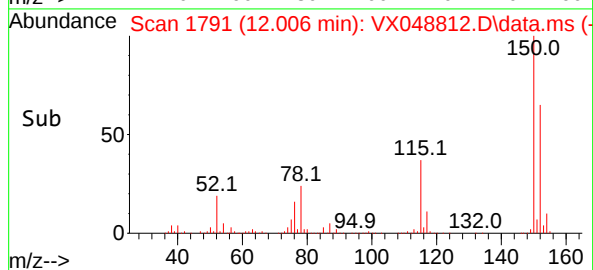
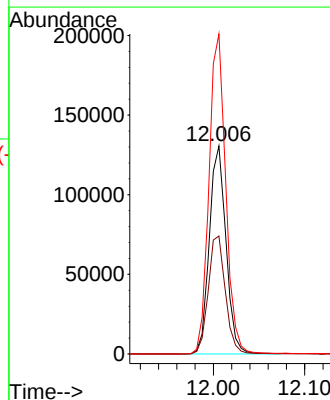
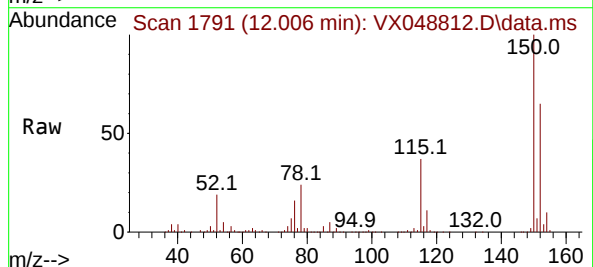
Tgt Ion:152 Resp: 165546

Ion Ratio Lower Upper

152 100

115 58.5 42.1 126.4

150 154.2 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048813.D
Acq On : 10 Dec 2025 15:53
Operator : JC/MD
Sample : Q3787-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

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J

Quant Time: Dec 11 00:25:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	283821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	308054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	167960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103127	55.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.560%
35) Dibromofluoromethane	5.379	113	91196	46.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.635	98	316230	46.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.320%
62) 4-Bromofluorobenzene	11.061	95	139733	59.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.320%

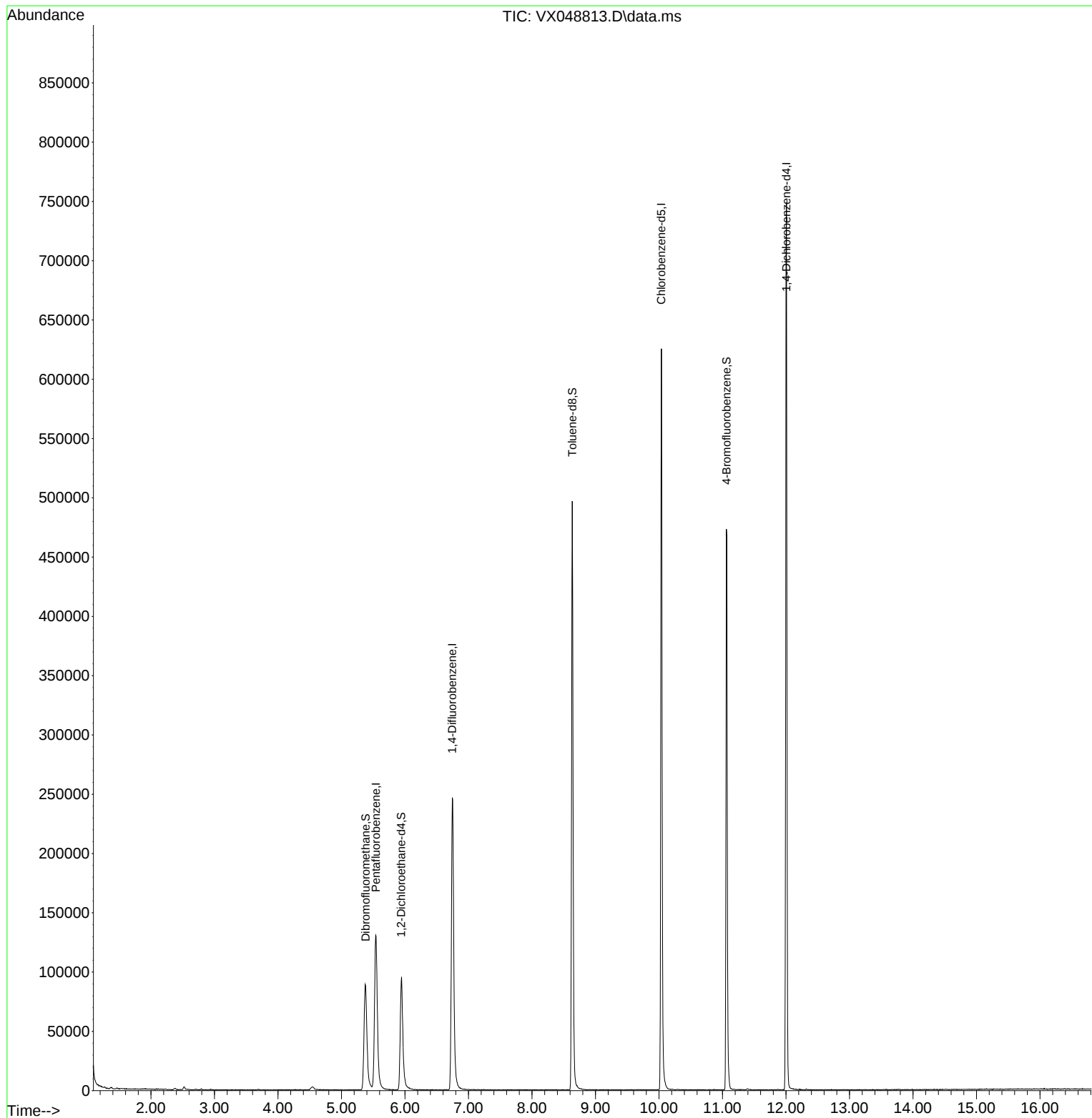
Target Compounds	Qvalue

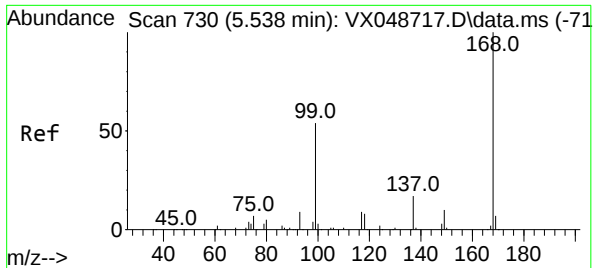
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048813.D
Acq On : 10 Dec 2025 15:53
Operator : JC/MD
Sample : Q3787-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

Quant Time: Dec 11 00:25:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

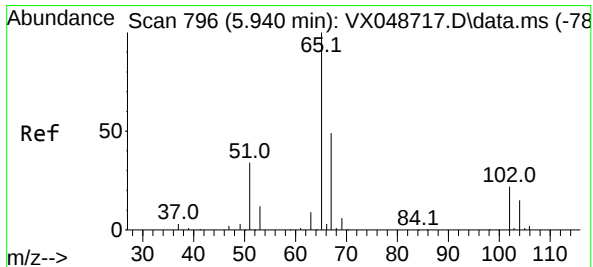
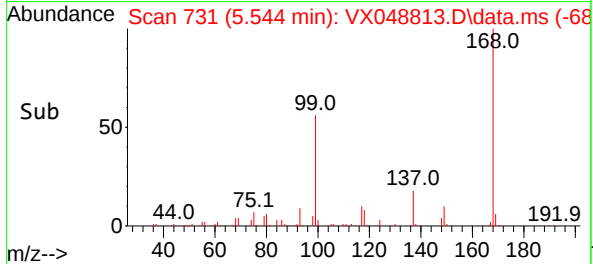
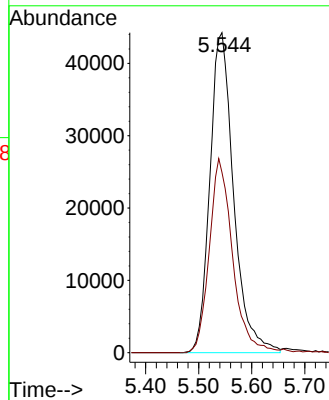
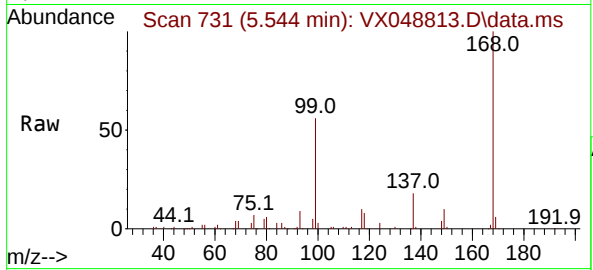




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

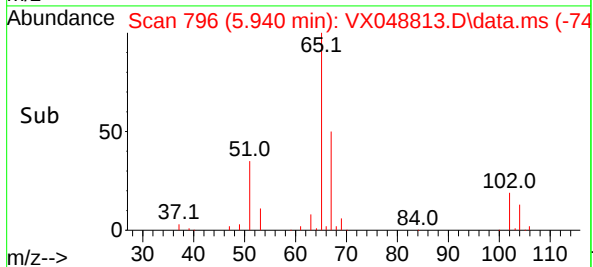
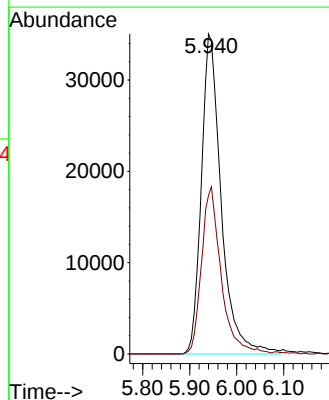
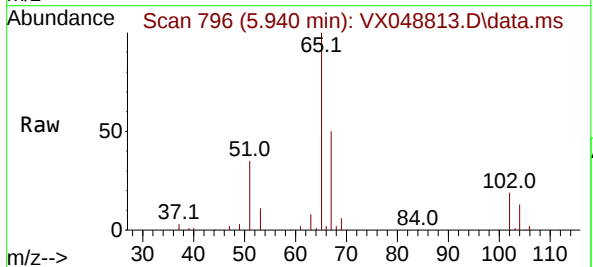
Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

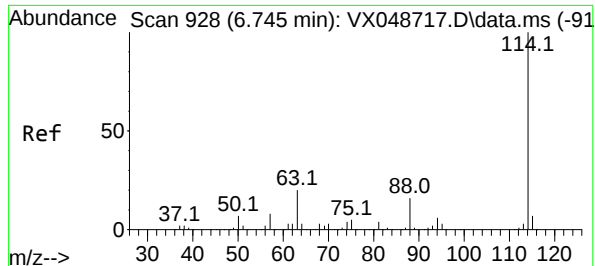
Tgt Ion:168 Resp: 137750
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.779 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048813.D
Acq: 10 Dec 2025 15:53

Tgt Ion: 65 Resp: 103127
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX048813.D

Acq: 10 Dec 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

TB01-120425

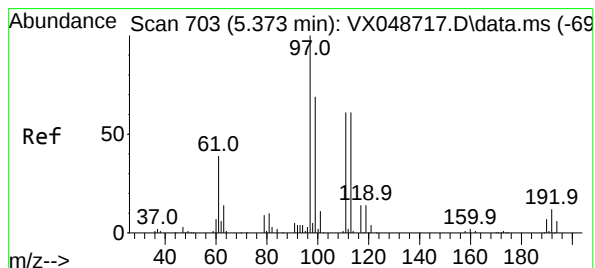
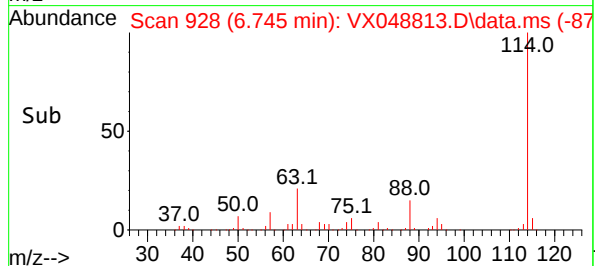
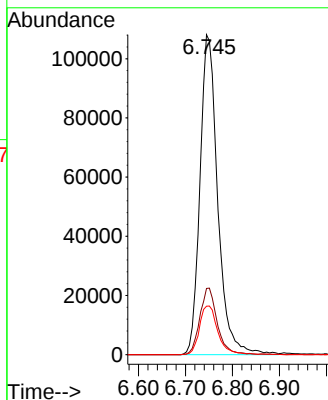
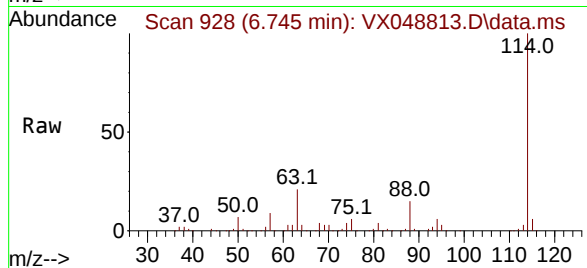
Tgt Ion:114 Resp: 283821

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.666 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048813.D

Acq: 10 Dec 2025 15:53

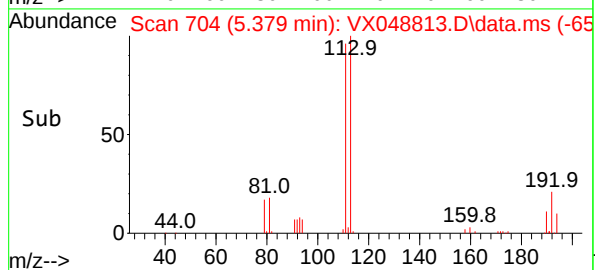
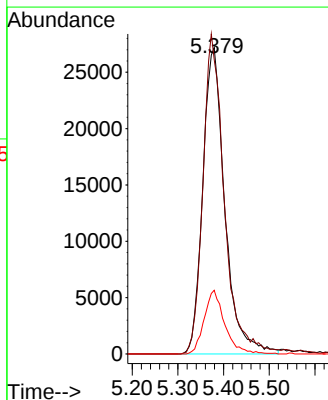
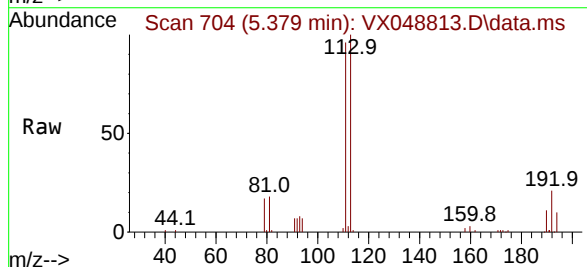
Tgt Ion:113 Resp: 91196

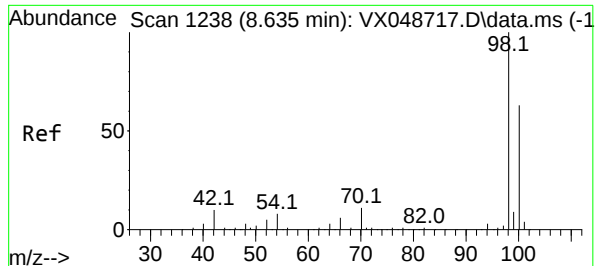
Ion Ratio Lower Upper

113 100

111 100.9 79.5 119.3

192 19.4 16.1 24.1





#50

Toluene-d8

Concen: 46.164 ug/l

RT: 8.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048813.D

Acq: 10 Dec 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

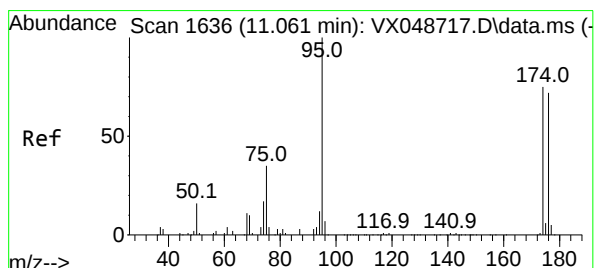
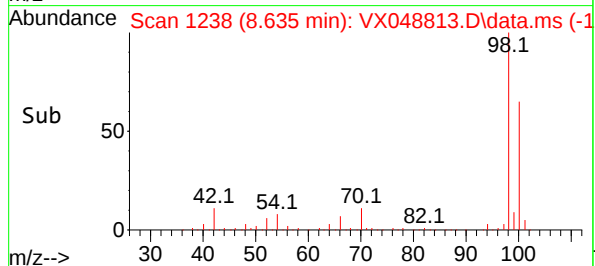
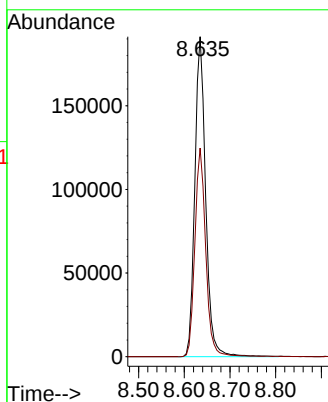
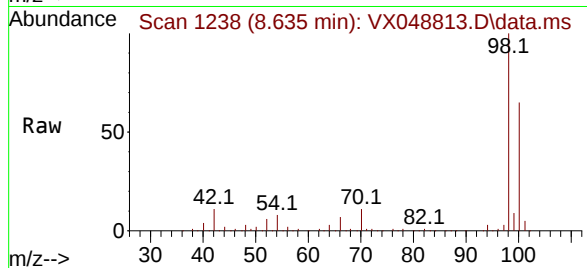
TB01-120425

Tgt Ion: 98 Resp: 316230

Ion Ratio Lower Upper

98 100

100 65.3 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 59.155 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048813.D

Acq: 10 Dec 2025 15:53

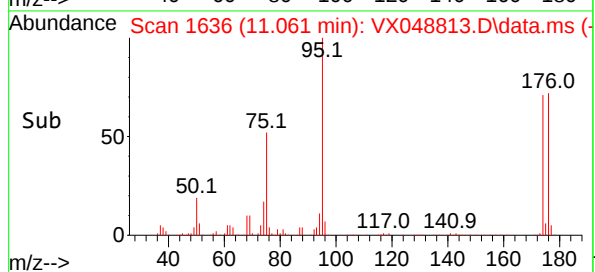
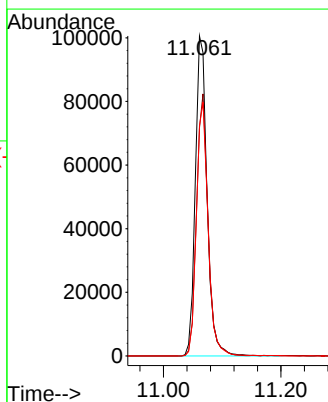
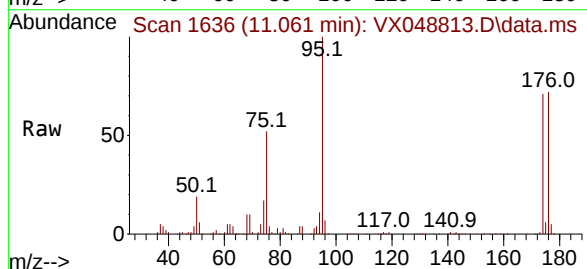
Tgt Ion: 95 Resp: 139733

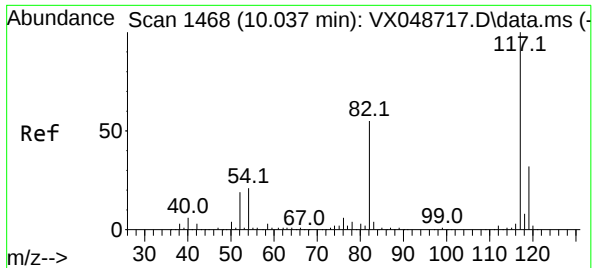
Ion Ratio Lower Upper

95 100

174 80.4 0.0 157.8

176 79.0 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048813.D

Acq: 10 Dec 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

TB01-120425

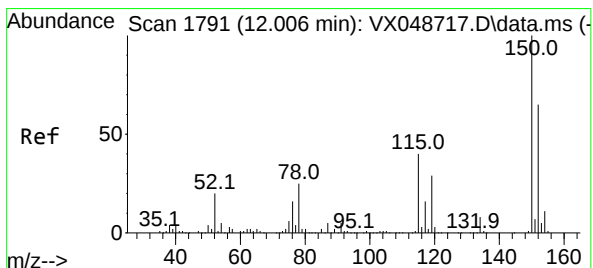
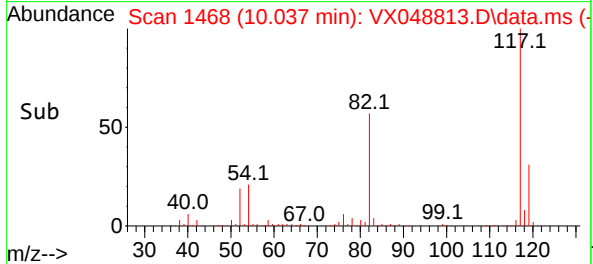
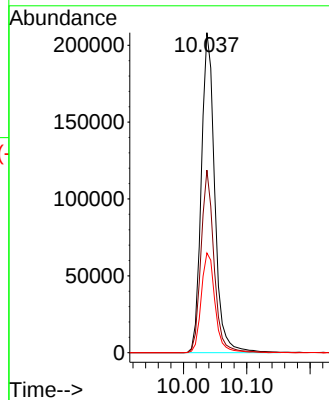
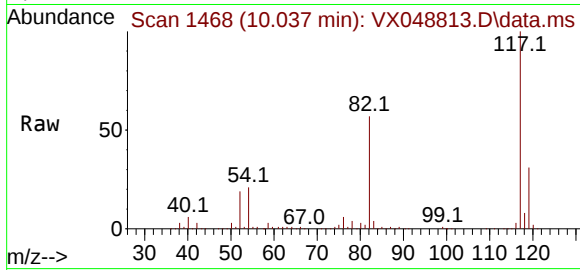
Tgt Ion:117 Resp: 308054

Ion Ratio Lower Upper

117 100

82 57.1 44.1 66.1

119 31.1 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048813.D

Acq: 10 Dec 2025 15:53

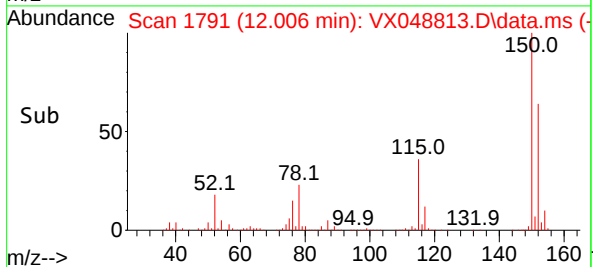
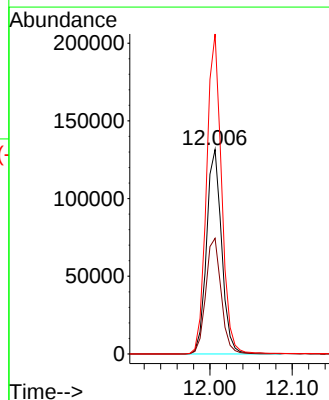
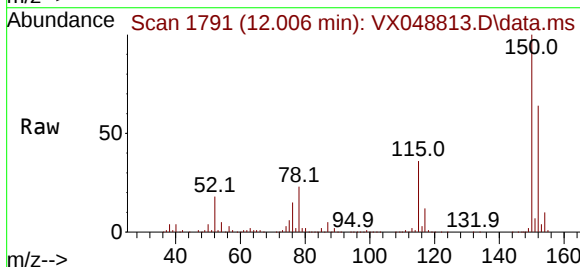
Tgt Ion:152 Resp: 167960

Ion Ratio Lower Upper

152 100

115 57.5 42.1 126.4

150 155.8 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048744.D
 Acq On : 08 Dec 2025 11:15
 Operator : JC/MD
 Sample : VX1208WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBL01

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Quant Time: Dec 09 04:06:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	173343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	340953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	370451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	115181	49.507	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.020%
35) Dibromofluoromethane	5.361	113	107991	46.001	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.629	98	372131	45.222	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.440%#
62) 4-Bromofluorobenzene	11.061	95	158378	55.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.620%

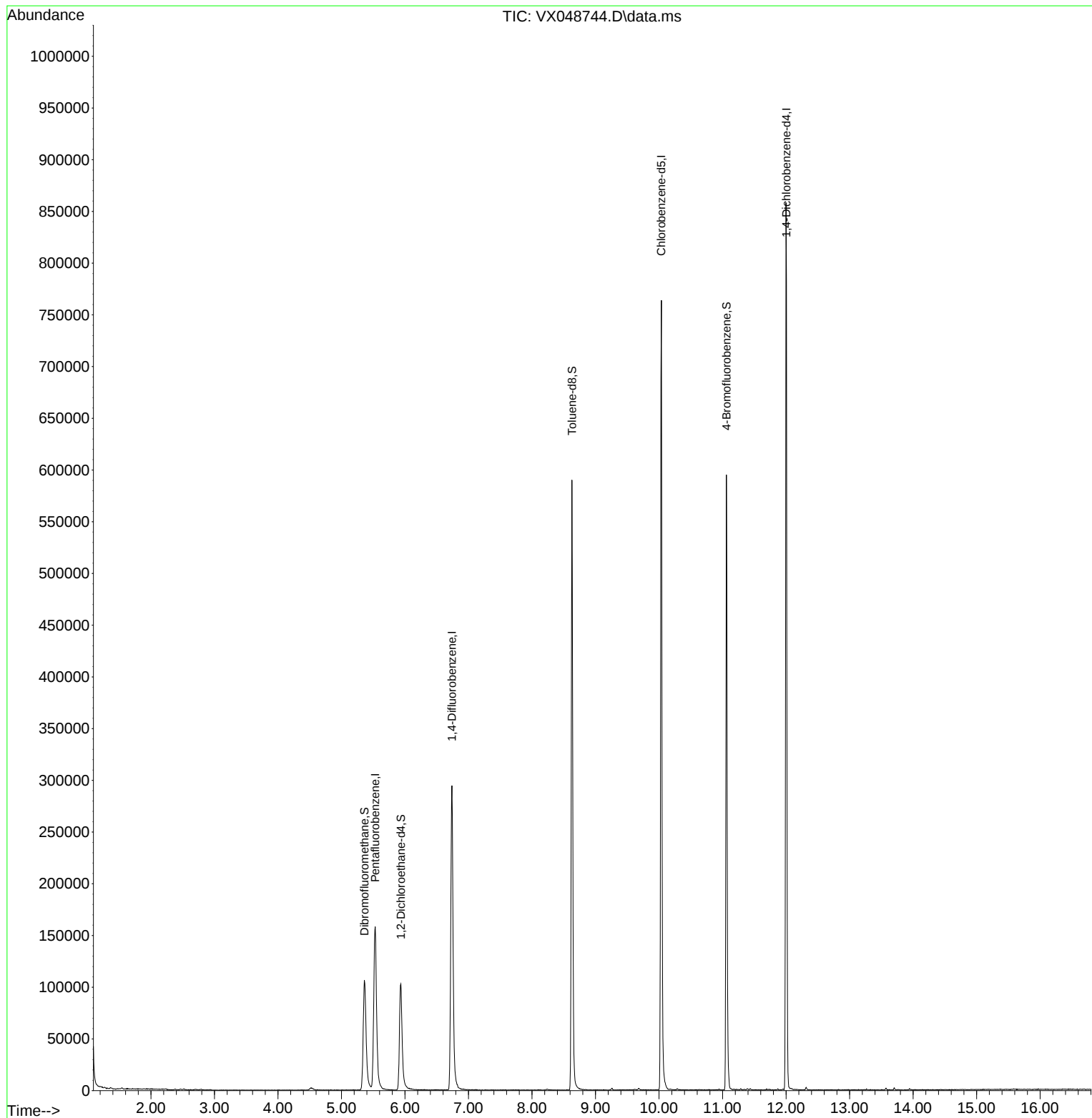
Target Compounds	Qvalue

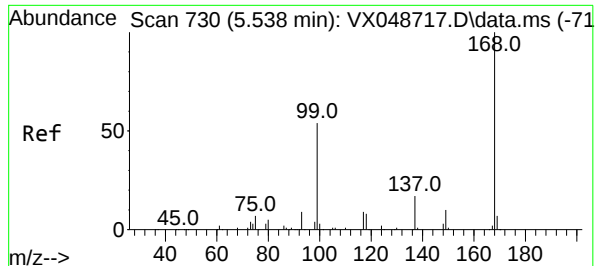
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048744.D
Acq On : 08 Dec 2025 11:15
Operator : JC/MD
Sample : VX1208WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Quant Time: Dec 09 04:06:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

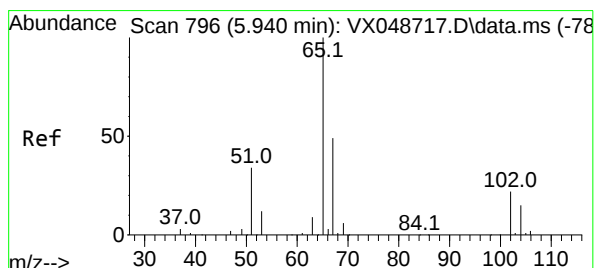
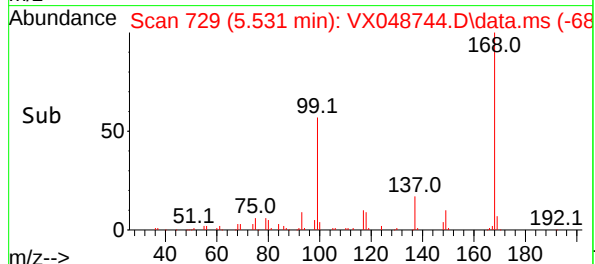
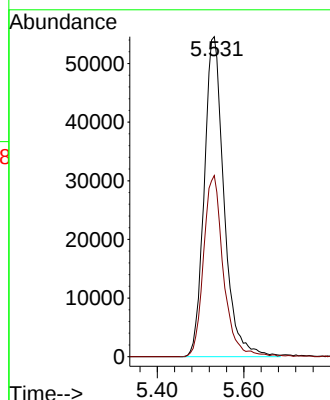
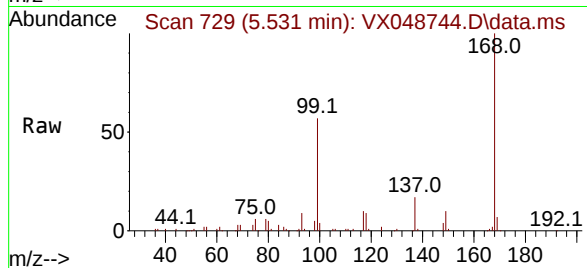




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

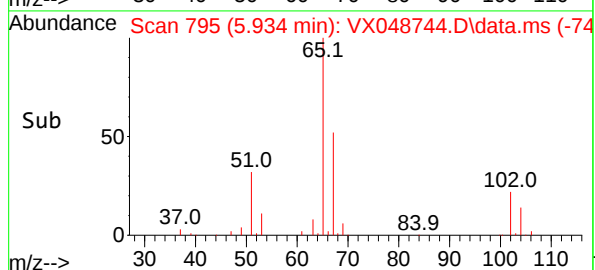
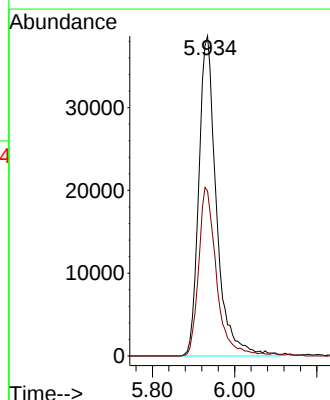
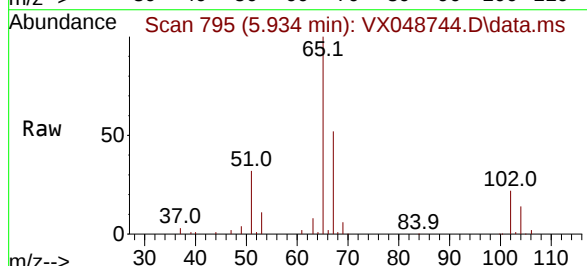
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

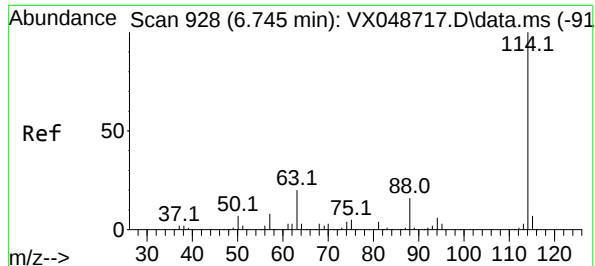
Tgt Ion:168 Resp: 173343
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.507 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion: 65 Resp: 115181
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX048744.D

Acq: 08 Dec 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX1208WBL01

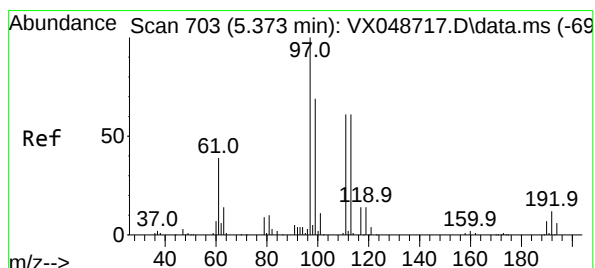
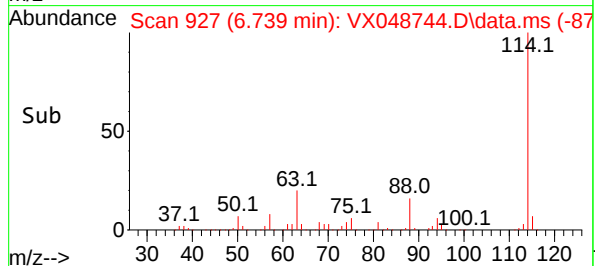
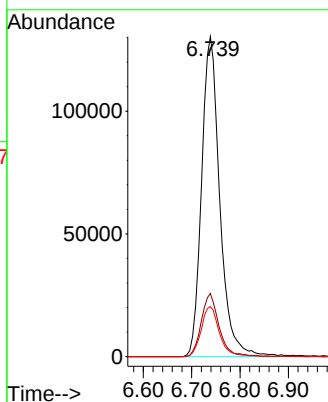
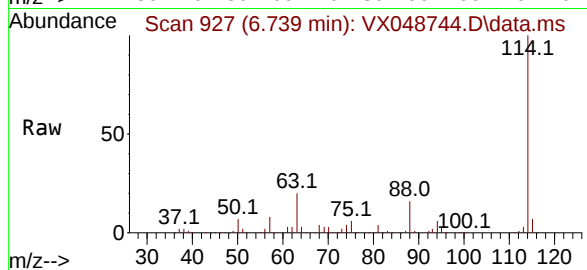
Tgt Ion:114 Resp: 340953

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.001 ug/l

RT: 5.361 min Scan# 701

Delta R.T. -0.012 min

Lab File: VX048744.D

Acq: 08 Dec 2025 11:15

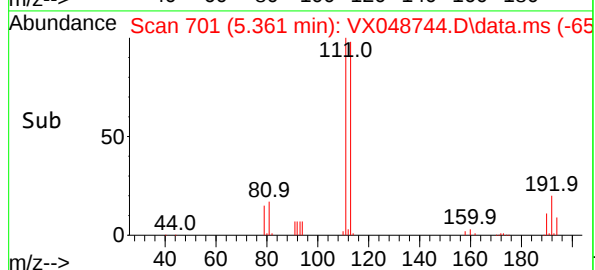
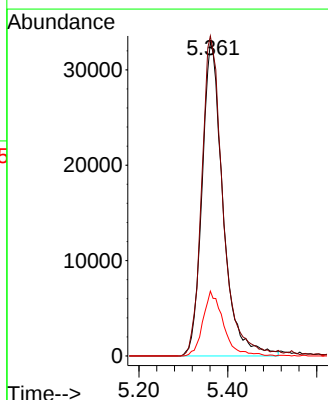
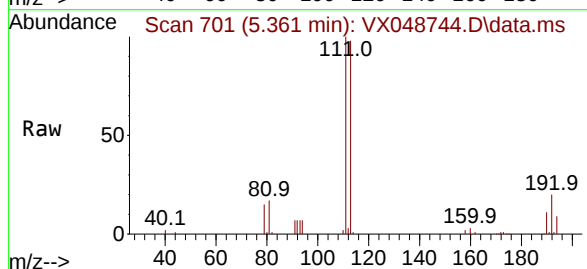
Tgt Ion:113 Resp: 107991

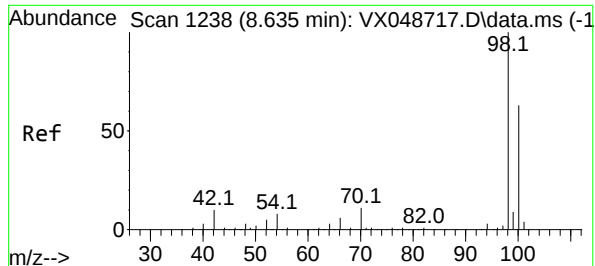
Ion Ratio Lower Upper

113 100

111 102.8 79.5 119.3

192 20.1 16.1 24.1





#50

Toluene-d8

Concen: 45.222 ug/l

RT: 8.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048744.D

Acq: 08 Dec 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

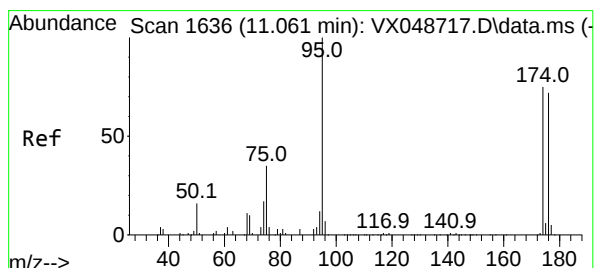
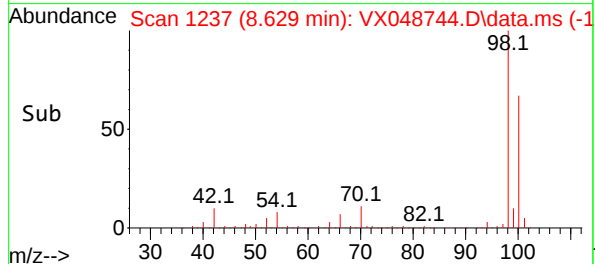
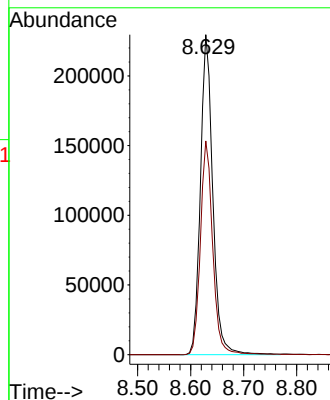
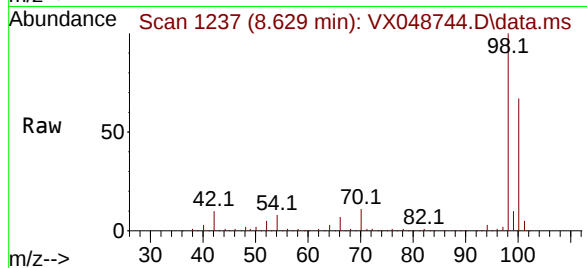
VX1208WBL01

Tgt Ion: 98 Resp: 372131

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 55.813 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048744.D

Acq: 08 Dec 2025 11:15

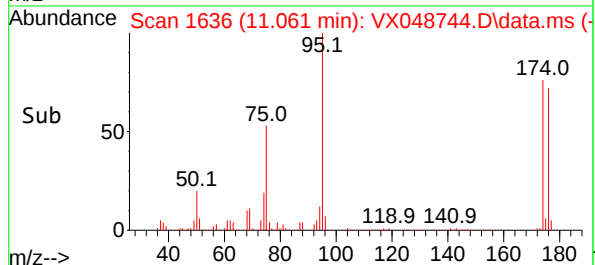
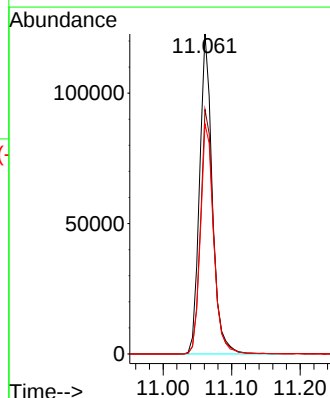
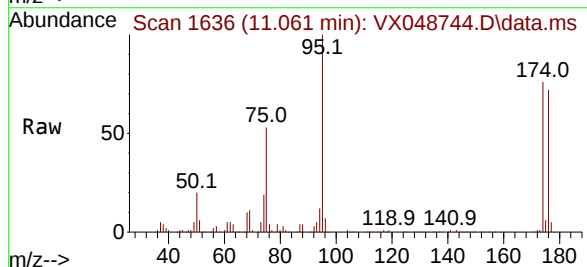
Tgt Ion: 95 Resp: 158378

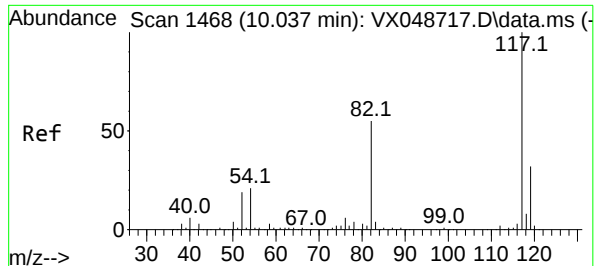
Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.8

176 74.8 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048744.D

Acq: 08 Dec 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX1208WBL01

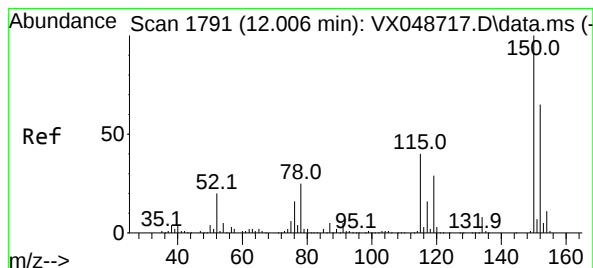
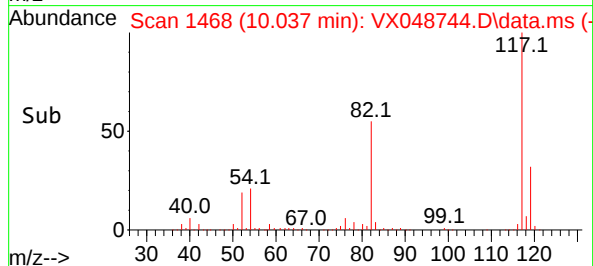
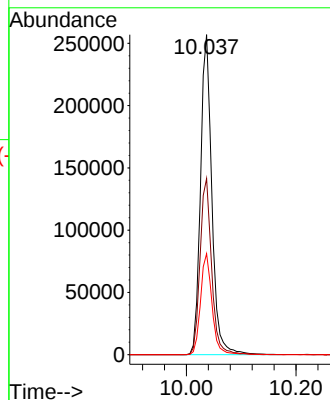
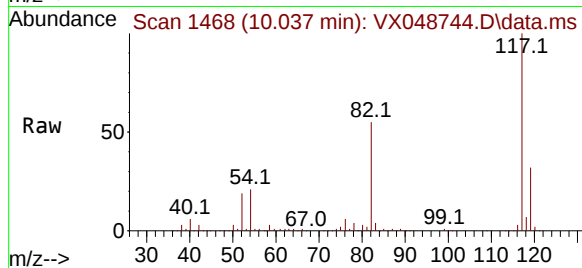
Tgt Ion:117 Resp: 370451

Ion Ratio Lower Upper

117 100

82 55.1 44.1 66.1

119 31.5 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048744.D

Acq: 08 Dec 2025 11:15

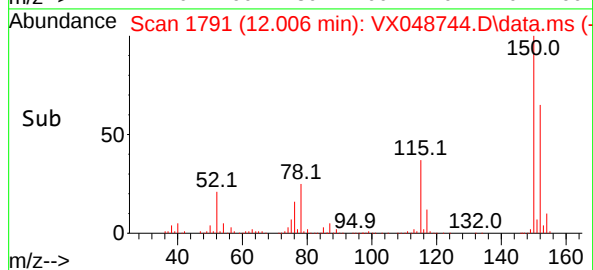
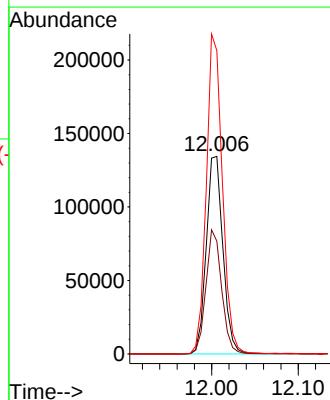
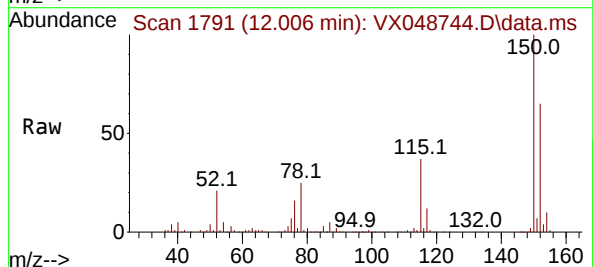
Tgt Ion:152 Resp: 179749

Ion Ratio Lower Upper

152 100

115 59.4 42.1 126.4

150 155.9 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048797.D
 Acq On : 10 Dec 2025 10:10
 Operator : JC/MD
 Sample : VX1210WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBL01

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 11 00:18:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	143182	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	288257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	306883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	162084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	98828	51.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.860%	
35) Dibromofluoromethane	5.367	113	89655	45.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.340%	
50) Toluene-d8	8.628	98	324876	46.696	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.400%	
62) 4-Bromofluorobenzene	11.061	95	137328	57.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.480%	

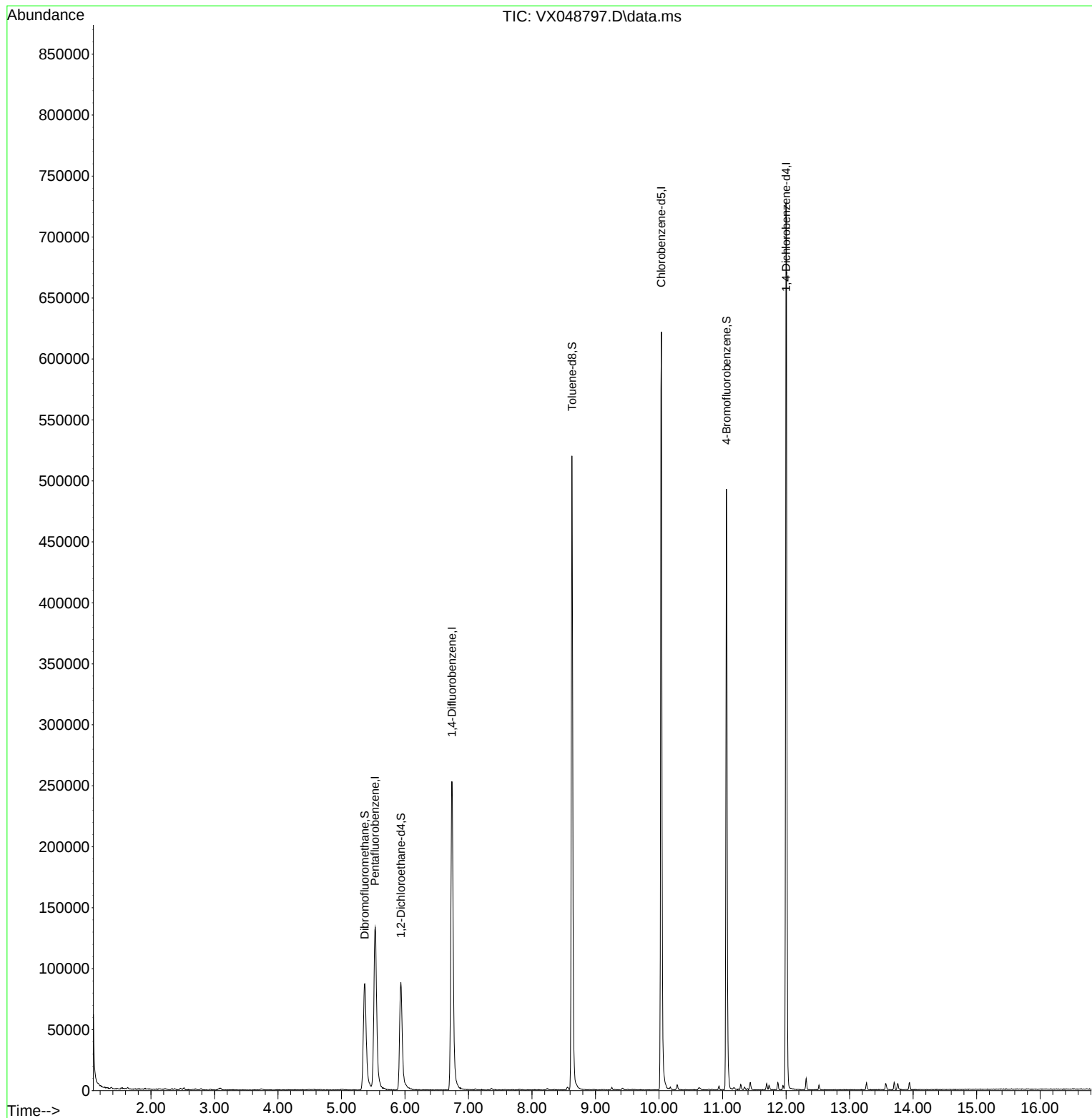
Target Compounds	Qvalue

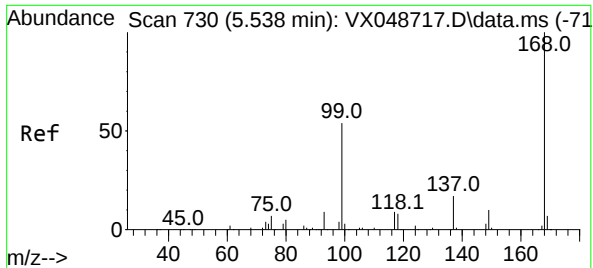
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048797.D
Acq On : 10 Dec 2025 10:10
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 00:18:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

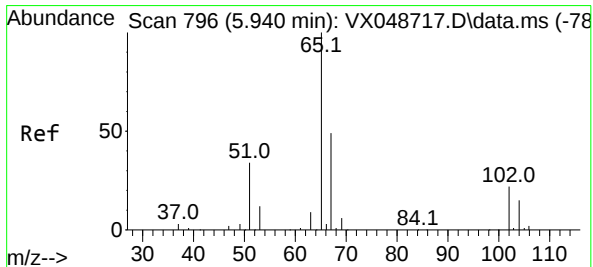
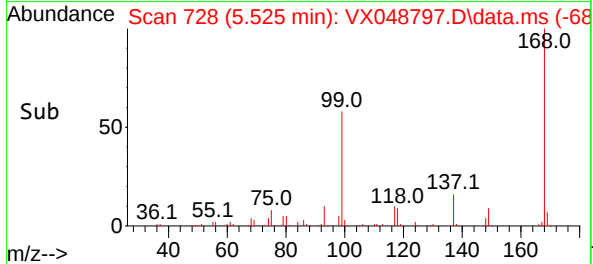
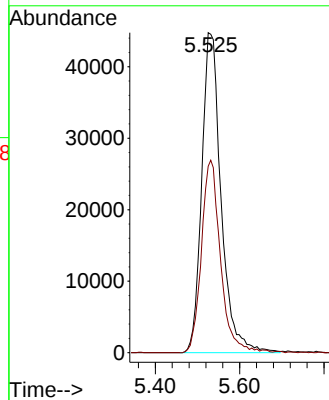
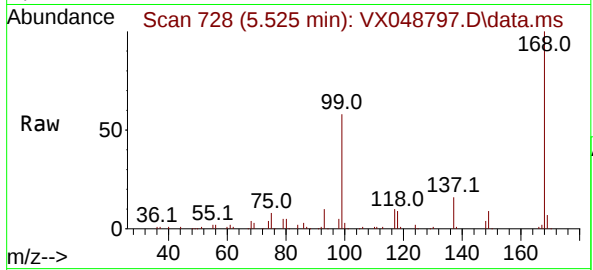




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

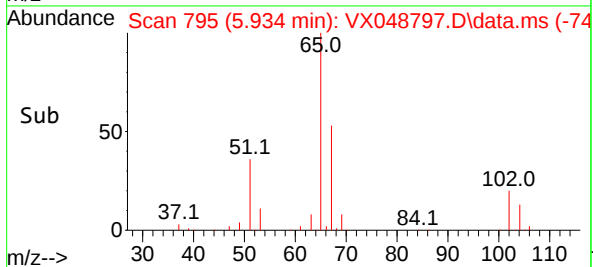
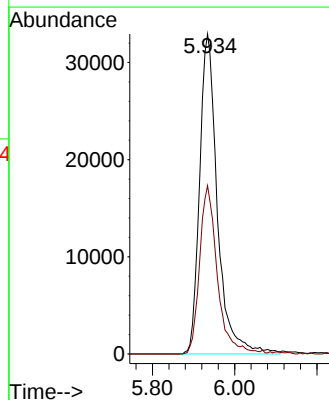
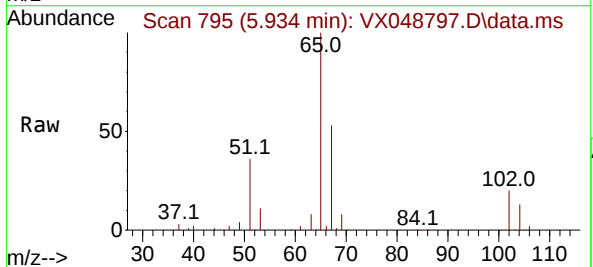
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

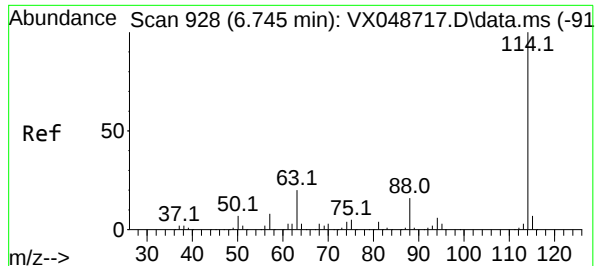
Tgt Ion:168 Resp: 143182
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion: 65 Resp: 98828
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX048797.D

Acq: 10 Dec 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL01

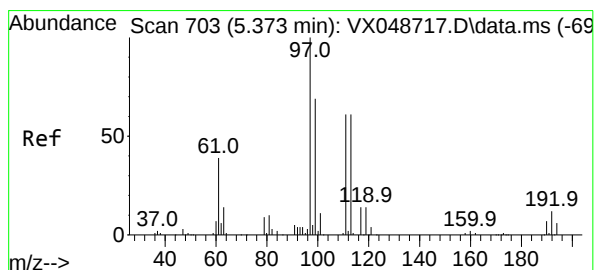
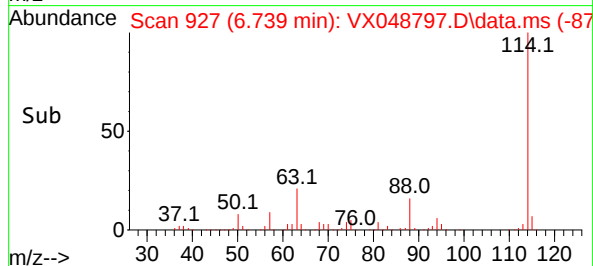
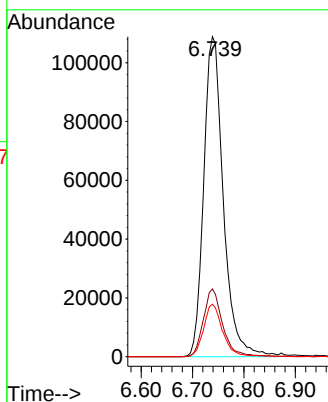
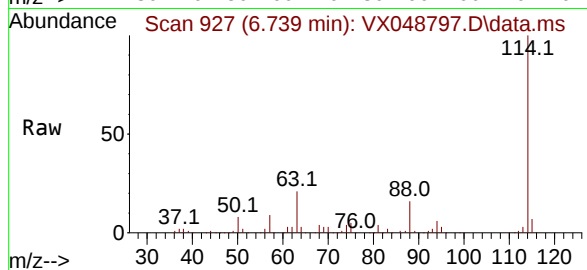
Tgt Ion:114 Resp: 288257

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

88 16.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.172 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048797.D

Acq: 10 Dec 2025 10:10

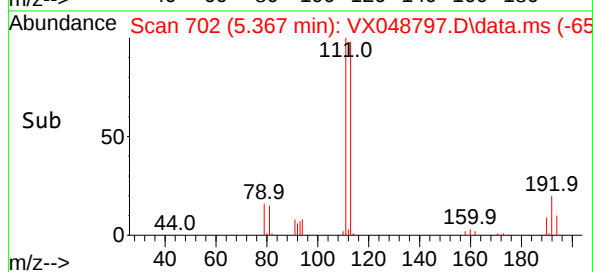
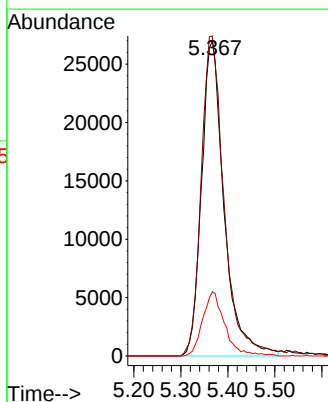
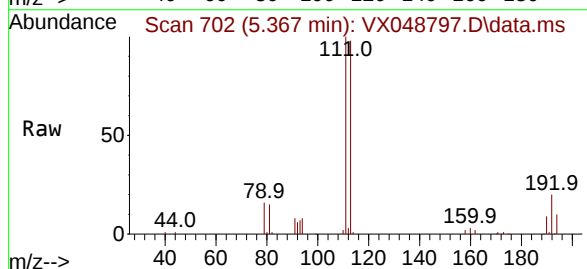
Tgt Ion:113 Resp: 89655

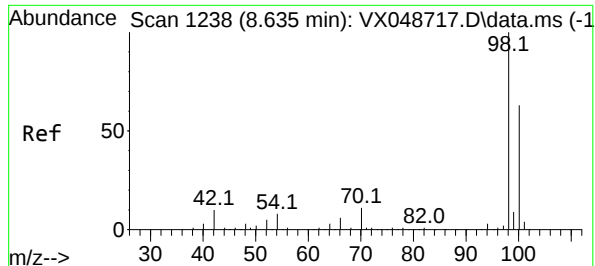
Ion Ratio Lower Upper

113 100

111 103.4 79.5 119.3

192 20.1 16.1 24.1





#50

Toluene-d8

Concen: 46.696 ug/l

RT: 8.628 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048797.D

Acq: 10 Dec 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

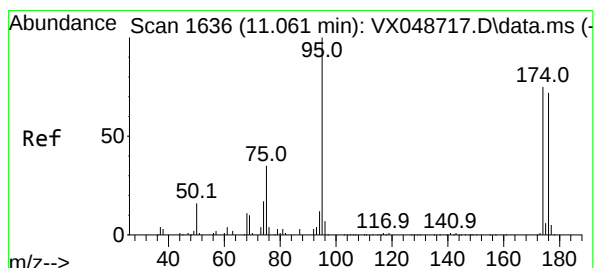
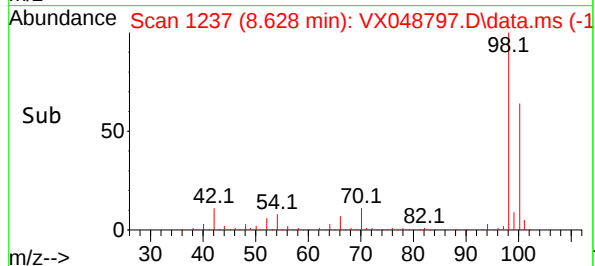
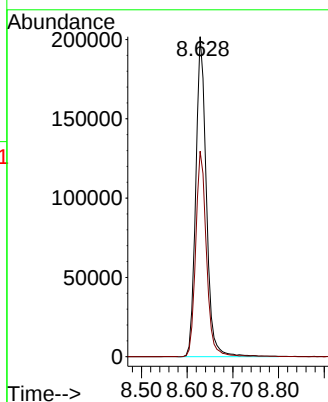
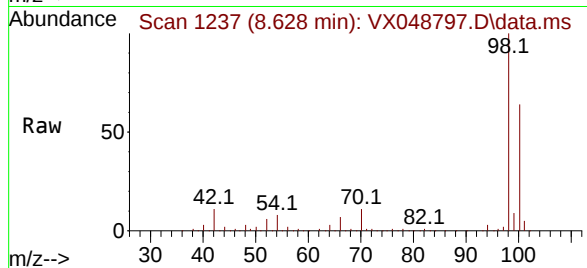
VX1210WBL01

Tgt Ion: 98 Resp: 324876

Ion Ratio Lower Upper

98 100

100 65.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 57.242 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048797.D

Acq: 10 Dec 2025 10:10

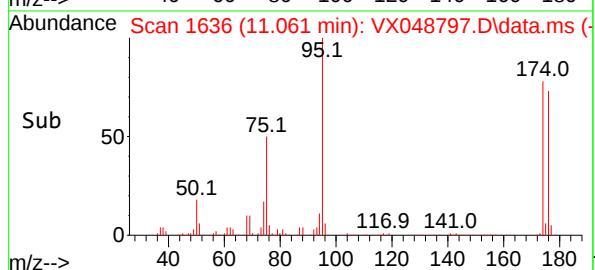
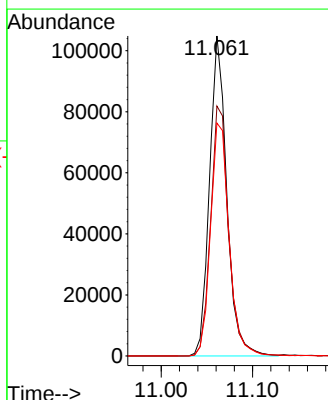
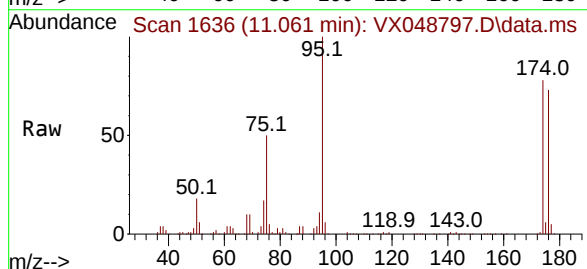
Tgt Ion: 95 Resp: 137328

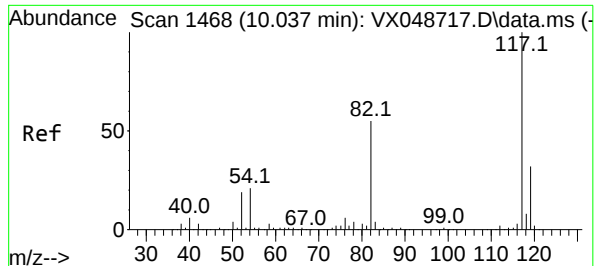
Ion Ratio Lower Upper

95 100

174 82.3 0.0 157.8

176 78.3 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048797.D

Acq: 10 Dec 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL01

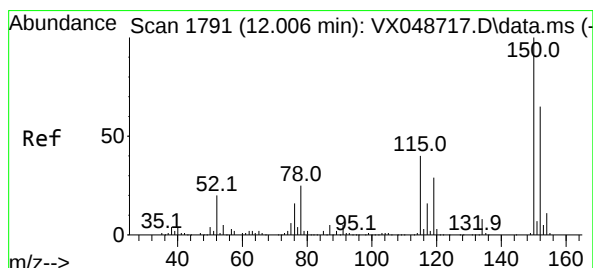
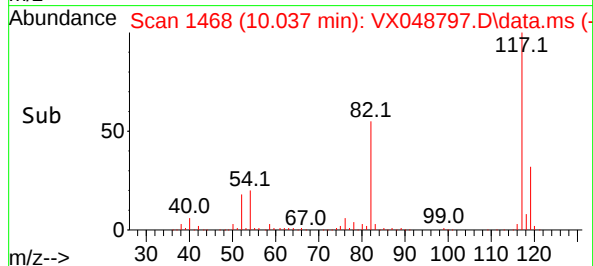
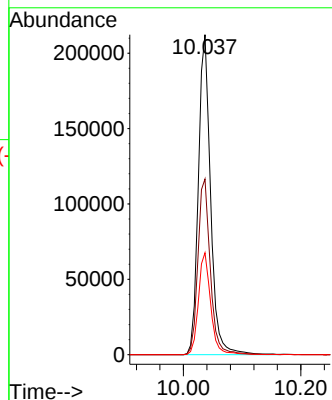
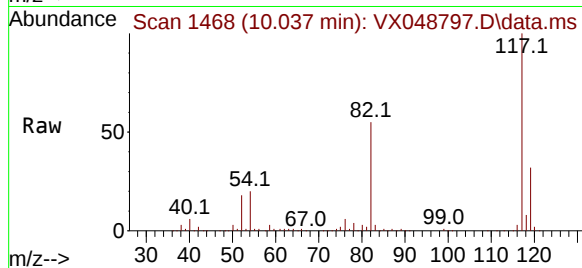
Tgt Ion:117 Resp: 306883

Ion Ratio Lower Upper

117 100

82 54.9 44.1 66.1

119 31.9 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048797.D

Acq: 10 Dec 2025 10:10

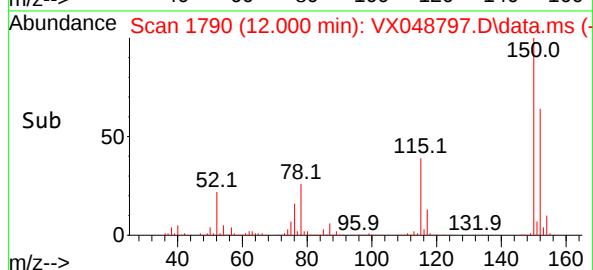
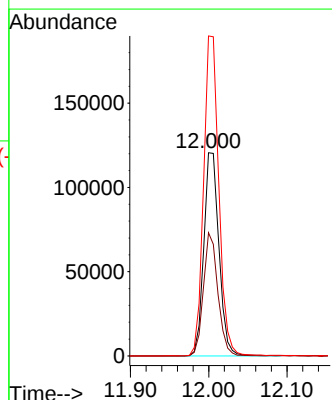
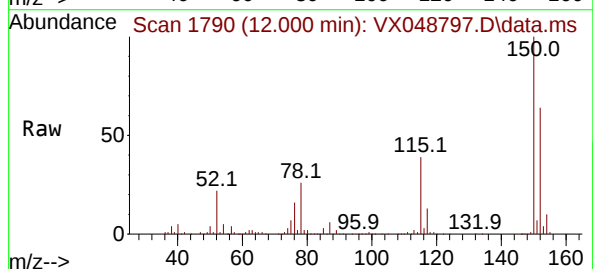
Tgt Ion:152 Resp: 162084

Ion Ratio Lower Upper

152 100

115 57.9 42.1 126.4

150 158.2 0.0 347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048745.D
 Acq On : 08 Dec 2025 11:44
 Operator : JC/MD
 Sample : VX1208WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 12/09/2025
 Supervised By : Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:06:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	178446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	298973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	311271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	157846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	135832	56.713	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.420%			
35) Dibromofluoromethane	5.367	113	103655	50.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.628	98	364834	50.560	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.061	95	146293	58.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41301	22.716	ug/l	100
3) Chloromethane	1.300	50	44715	19.489	ug/l	99
4) Vinyl Chloride	1.380	62	48480	19.841	ug/l	99
5) Bromomethane	1.617	94	33887	22.441	ug/l	96
6) Chloroethane	1.697	64	30088	19.785	ug/l	96
7) Trichlorofluoromethane	1.898	101	71250	20.345	ug/l	99
8) Diethyl Ether	2.130	74	26662	19.074	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	39901	19.653	ug/l	97
10) Methyl Iodide	2.453	142	50587	17.502	ug/l	97
11) Tert butyl alcohol	2.928	59	39487	102.117	ug/l	99
12) 1,1-Dichloroethene	2.325	96	39681	19.150	ug/l	94
13) Acrolein	2.233	56	38865	127.548	ug/l	98
14) Allyl chloride	2.666	41	73696	21.184	ug/l	96
15) Acrylonitrile	3.050	53	121301	100.674	ug/l	98
16) Acetone	2.367	43	99898	108.954	ug/l	91
17) Carbon Disulfide	2.514	76	112473	18.691	ug/l	99
18) Methyl Acetate	2.690	43	55490	21.510	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	137477	20.386	ug/l	100
20) Methylene Chloride	2.788	84	46445	20.266	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	38834	18.362	ug/l	97
22) Diisopropyl ether	3.745	45	138676	21.329	ug/l	99
23) Vinyl Acetate	3.709	43	614319	112.447	ug/l	95
24) 1,1-Dichloroethane	3.599	63	75325	20.775	ug/l	99
25) 2-Butanone	4.532	43	153848	113.689	ug/l #	89
26) 2,2-Dichloropropane	4.452	77	65032	20.271	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	47580	19.937	ug/l	94
28) Bromochloromethane	4.879	49	38829	21.849	ug/l	84
29) Tetrahydrofuran	4.971	42	103797	100.452	ug/l	95
30) Chloroform	5.068	83	78114	20.107	ug/l	93
31) Cyclohexane	5.452	56	60315	18.632	ug/l	99
32) 1,1,1-Trichloroethane	5.361	97	69881	20.075	ug/l	96
36) 1,1-Dichloropropene	5.672	75	50056	17.754	ug/l	99
37) Ethyl Acetate	4.690	43	72073	21.393	ug/l	96
38) Carbon Tetrachloride	5.659	117	61250	19.179	ug/l	93
39) Methylcyclohexane	7.360	83	57003	17.098	ug/l	97
40) Benzene	6.019	78	157310	18.821	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048745.D
 Acq On : 08 Dec 2025 11:44
 Operator : JC/MD
 Sample : VX1208WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
 Supervised By :Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:06:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	31647	20.646	ug/l	94
42) 1,2-Dichloroethane	6.068	62	63162	21.351	ug/l	93
43) Isopropyl Acetate	6.312	43	105648	20.710	ug/l	94
44) Trichloroethene	7.104	130	38336	17.578	ug/l	94
45) 1,2-Dichloropropane	7.409	63	38148	18.261	ug/l	99
46) Dibromomethane	7.562	93	29948	18.904	ug/l	95
47) Bromodichloromethane	7.799	83	62155	18.818	ug/l	97
48) Methyl methacrylate	7.671	41	49411	19.255	ug/l	94
49) 1,4-Dioxane	7.641	88	11933	338.111	ug/l	95
51) 4-Methyl-2-Pentanone	8.549	43	333290	105.257	ug/l	96
52) Toluene	8.702	92	98537	19.551	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	62916	20.022	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	65243	19.320	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	44019	21.707	ug/l	99
56) Ethyl methacrylate	9.098	69	67147	21.154	ug/l	97
57) 1,3-Dichloropropane	9.287	76	69273	20.543	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.220	63	152119	88.668	ug/l	97
59) 2-Hexanone	9.409	43	232393	104.551	ug/l	98
60) Dibromochloromethane	9.500	129	53723	21.424	ug/l	100
61) 1,2-Dibromoethane	9.592	107	46114	21.010	ug/l	99
64) Tetrachloroethene	9.256	164	37431	16.498	ug/l	97
65) Chlorobenzene	10.061	112	118471	17.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	42596	17.479	ug/l	99
67) Ethyl Benzene	10.177	91	198185	17.826	ug/l	100
68) m/p-Xylenes	10.281	106	155889	35.995	ug/l	96
69) o-Xylene	10.622	106	73460	18.102	ug/l	97
70) Styrene	10.634	104	126903	18.215	ug/l	99
71) Bromoform	10.780	173	37658	17.309	ug/l #	99
73) Isopropylbenzene	10.945	105	188979	17.766	ug/l	99
74) N-amyl acetate	10.823	43	81515	17.637	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	63497	17.692	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	49341m	16.783	ug/l	
77) Bromobenzene	11.183	156	50590	17.819	ug/l	93
78) n-propylbenzene	11.286	91	218787	17.759	ug/l	98
79) 2-Chlorotoluene	11.347	91	131768	17.540	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	154012	17.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	20596	16.641	ug/l	90
82) 4-Chlorotoluene	11.433	91	156772	17.883	ug/l	98
83) tert-Butylbenzene	11.695	119	158909	17.491	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	158196	17.937	ug/l	99
85) sec-Butylbenzene	11.872	105	190539	17.306	ug/l	98
86) p-Isopropyltoluene	11.988	119	164163	17.443	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	90505	17.292	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	92718	17.143	ug/l	99
89) n-Butylbenzene	12.311	91	144814	16.434	ug/l	99
90) Hexachloroethane	12.518	117	30759	16.013	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	85738	16.897	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13707	15.692	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	55758	16.638	ug/l	99
94) Hexachlorobutadiene	13.707	225	21763	15.700	ug/l	99
95) Naphthalene	13.756	128	177703	20.256	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	52737	17.064	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048745.D
Acq On : 08 Dec 2025 11:44
Operator : JC/MD
Sample : VX1208WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 04:06:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

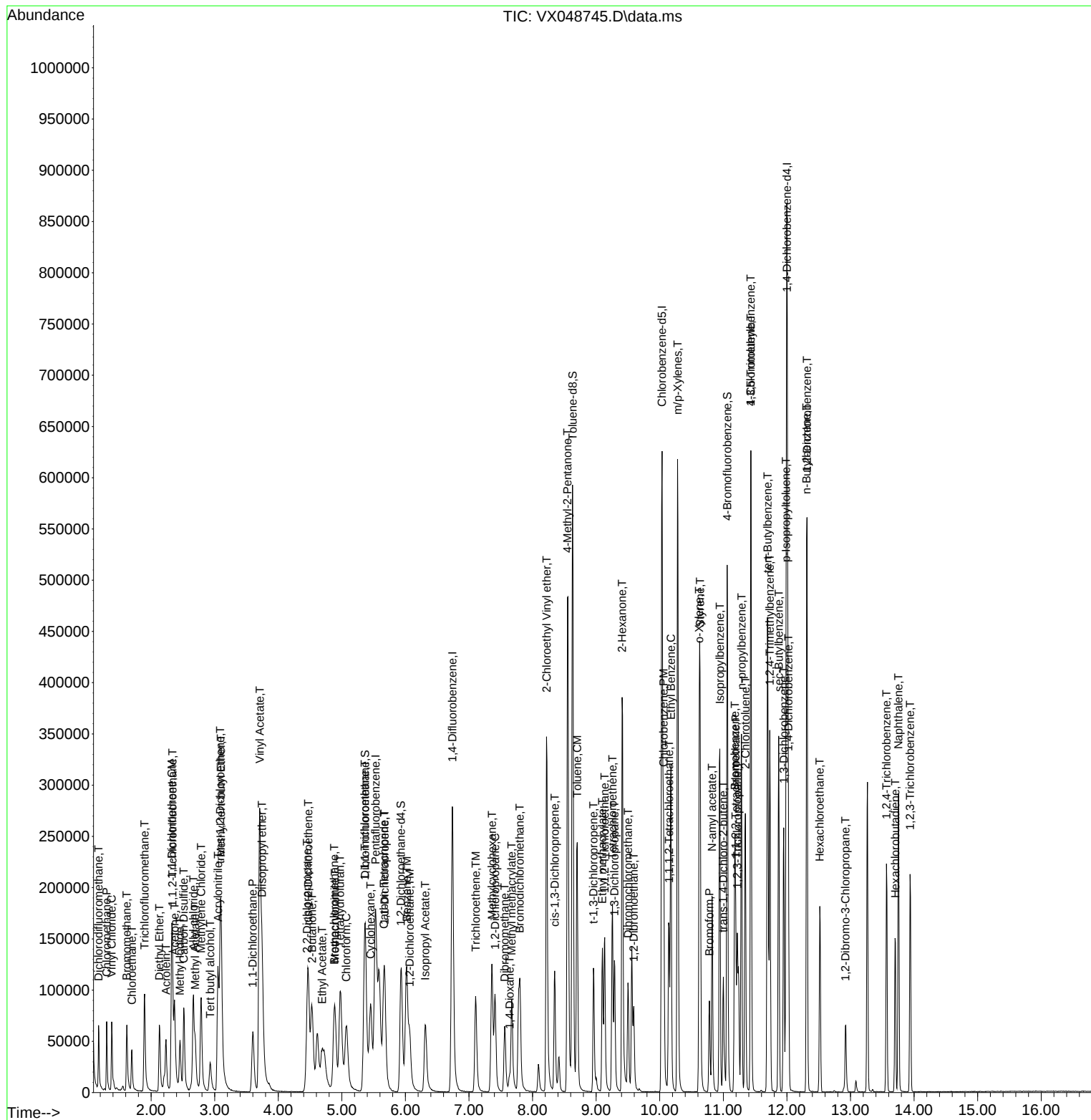
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048799.D
 Acq On : 10 Dec 2025 10:58
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/11/2025

Quant Time: Dec 11 00:19:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	153473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	261026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	236663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123629	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.934	65	113079	54.896	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.800%	
35) Dibromofluoromethane	5.367	113	91472	50.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.800%	
50) Toluene-d8	8.629	98	309867	49.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	11.061	95	116717	53.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.460%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	32364	20.697	ug/l	98
3) Chloromethane	1.301	50	35090	17.783	ug/l	100
4) Vinyl Chloride	1.380	62	35160	16.731	ug/l	96
5) Bromomethane	1.618	94	26138	20.126	ug/l	100
6) Chloroethane	1.697	64	21108	16.139	ug/l	97
7) Trichlorofluoromethane	1.898	101	50890	16.896	ug/l	99
8) Diethyl Ether	2.130	74	21221	17.652	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	29535	16.915	ug/l	98
10) Methyl Iodide	2.453	142	42780	17.210	ug/l	99
11) Tert butyl alcohol	2.928	59	33819	101.690	ug/l	99
12) 1,1-Dichloroethene	2.325	96	30092	16.885	ug/l	94
13) Acrolein	2.233	56	29078	116.183	ug/l	98
14) Allyl chloride	2.666	41	57512	19.222	ug/l	98
15) Acrylonitrile	3.050	53	104393	100.740	ug/l	97
16) Acetone	2.368	43	72041	91.357	ug/l	97
17) Carbon Disulfide	2.514	76	87274	16.863	ug/l	98
18) Methyl Acetate	2.697	43	46593	21.000	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	112920	19.469	ug/l	99
20) Methylene Chloride	2.788	84	37424	18.987	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	32641	17.945	ug/l	94
22) Diisopropyl ether	3.745	45	116904	20.906	ug/l	95
23) Vinyl Acetate	3.709	43	503903	107.244	ug/l	97
24) 1,1-Dichloroethane	3.605	63	61629	19.763	ug/l	97
25) 2-Butanone	4.532	43	129063	110.893	ug/l	90
26) 2,2-Dichloropropane	4.459	77	50830	18.422	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	40384	19.675	ug/l	98
28) Bromochloromethane	4.879	49	28414	18.590	ug/l	88
29) Tetrahydrofuran	4.977	42	96129	108.169	ug/l	89
30) Chloroform	5.074	83	65330	19.552	ug/l	97
31) Cyclohexane	5.458	56	48299	17.348	ug/l	94
32) 1,1,1-Trichloroethane	5.361	97	54533	18.215	ug/l	96
36) 1,1-Dichloropropene	5.672	75	42128	17.114	ug/l	98
37) Ethyl Acetate	4.690	43	64281	21.854	ug/l	97
38) Carbon Tetrachloride	5.660	117	48751	17.484	ug/l	93
39) Methylcyclohexane	7.361	83	46361	15.927	ug/l	99
40) Benzene	6.019	78	135431	18.559	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048799.D
 Acq On : 10 Dec 2025 10:58
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/11/2025

Quant Time: Dec 11 00:19:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	28007	20.927	ug/l	94
42) 1,2-Dichloroethane	6.062	62	48849	18.913	ug/l	97
43) Isopropyl Acetate	6.312	43	87088	19.553	ug/l	97
44) Trichloroethene	7.104	130	34053	17.884	ug/l	99
45) 1,2-Dichloropropane	7.409	63	34778	19.068	ug/l	99
46) Dibromomethane	7.562	93	25955	18.765	ug/l	98
47) Bromodichloromethane	7.806	83	51991	18.029	ug/l	99
48) Methyl methacrylate	7.671	41	42389	18.920	ug/l	97
49) 1,4-Dioxane	7.641	88	10942	355.103	ug/l	97
51) 4-Methyl-2-Pentanone	8.549	43	286166	103.513	ug/l	97
52) Toluene	8.702	92	81590	18.542	ug/l	97
53) t-1,3-Dichloropropene	8.958	75	53349	19.446	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	56368	19.118	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	34363	19.408	ug/l	97
56) Ethyl methacrylate	9.098	69	55208	19.921	ug/l	98
57) 1,3-Dichloropropane	9.293	76	57952	19.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	134999	90.129	ug/l	98
59) 2-Hexanone	9.409	43	205981	106.140	ug/l	99
60) Dibromochloromethane	9.500	129	41742	19.066	ug/l	99
61) 1,2-Dibromoethane	9.592	107	36893	19.253	ug/l	99
64) Tetrachloroethene	9.257	164	28110	16.295	ug/l	97
65) Chlorobenzene	10.061	112	92589	17.873	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	32798	17.701	ug/l	98
67) Ethyl Benzene	10.177	91	153845	18.200	ug/l	98
68) m/p-Xylenes	10.281	106	117680	35.739	ug/l	99
69) o-Xylene	10.622	106	56724	18.384	ug/l	100
70) Styrene	10.634	104	100712	19.013	ug/l	97
71) Bromoform	10.781	173	29323	17.727	ug/l #	100
73) Isopropylbenzene	10.945	105	144763	17.376	ug/l	100
74) N-amyl acetate	10.823	43	70709	19.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	51287	18.245	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	40646m	17.652	ug/l	
77) Bromobenzene	11.177	156	38570	17.345	ug/l	97
78) n-propylbenzene	11.287	91	169660	17.583	ug/l	99
79) 2-Chlorotoluene	11.348	91	103446	17.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	119587	17.463	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	17237	17.782	ug/l	97
82) 4-Chlorotoluene	11.433	91	123216	17.945	ug/l	100
83) tert-Butylbenzene	11.695	119	118741	16.688	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	120936	17.507	ug/l	100
85) sec-Butylbenzene	11.872	105	143834	16.679	ug/l	98
86) p-Isopropyltoluene	11.988	119	123532	16.759	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	70441	17.184	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	72494	17.113	ug/l	99
89) n-Butylbenzene	12.317	91	113458	16.439	ug/l	99
90) Hexachloroethane	12.518	117	23343	15.516	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	66812	16.811	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.927	75	11419	16.691	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	41866	15.950	ug/l	98
94) Hexachlorobutadiene	13.707	225	16507	15.204	ug/l	96
95) Naphthalene	13.756	128	138162	20.107	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	40058	16.549	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048799.D
Acq On : 10 Dec 2025 10:58
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025

Quant Time: Dec 11 00:19:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

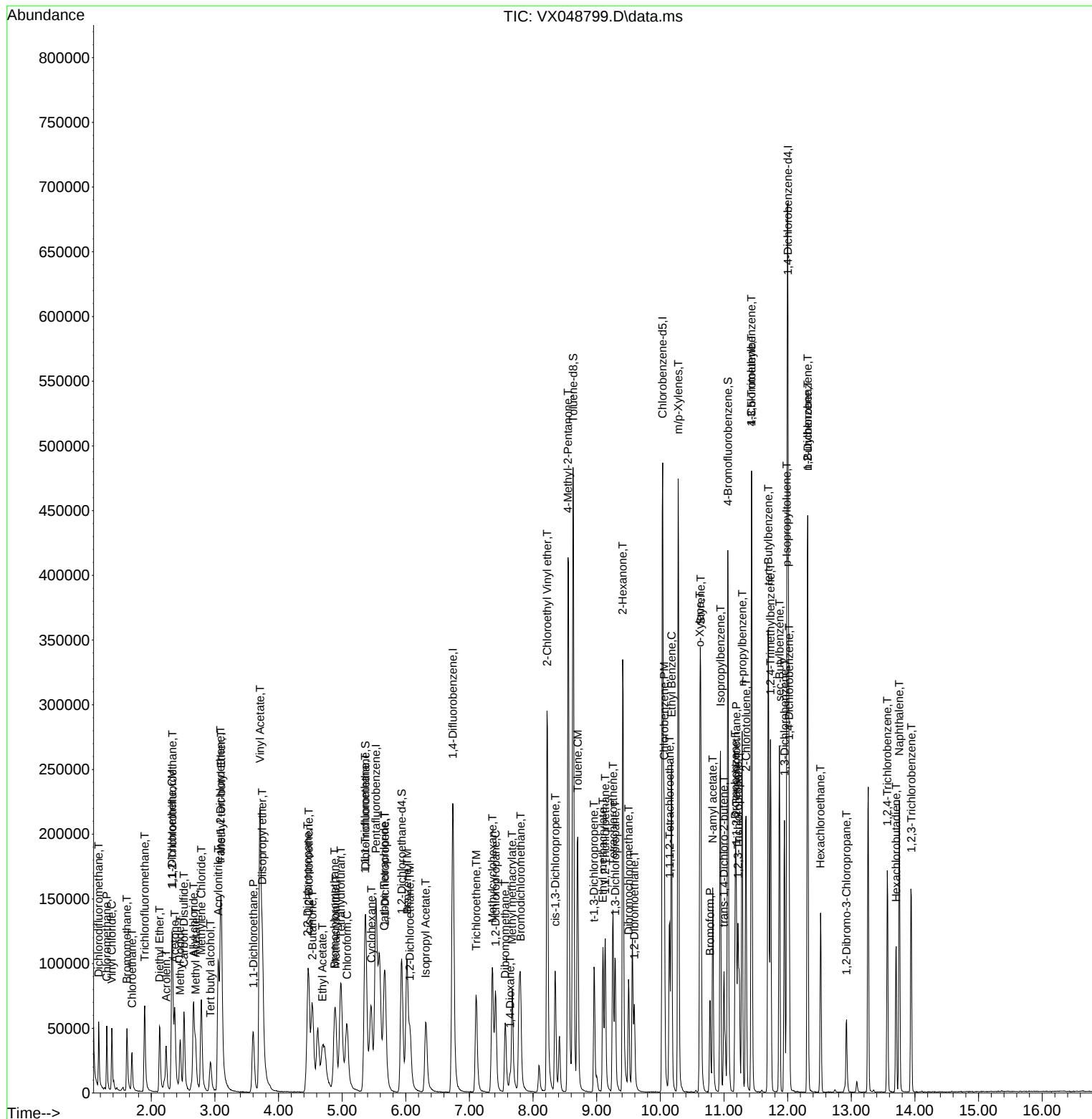
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048764.D
 Acq On : 08 Dec 2025 18:22
 Operator : JC/MD
 Sample : Q3787-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-120425-MS

Manual Integrations APPROVED

Reviewed By : John Carlone 12/09/2025
 Supervised By : Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:14:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	149218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	267773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	245391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117182	58.510	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.020%#			
35) Dibromofluoromethane	5.373	113	89600	48.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	8.635	98	300466	46.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.980%			
62) 4-Bromofluorobenzene	11.061	95	113409	50.888	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	85417	56.182	ug/l	95
3) Chloromethane	1.301	50	101302	52.802	ug/l	98
4) Vinyl Chloride	1.380	62	105877	51.818	ug/l	100
5) Bromomethane	1.611	94	70489	55.825	ug/l	97
6) Chloroethane	1.697	64	64380	50.627	ug/l	97
7) Trichlorofluoromethane	1.898	101	140388	47.939	ug/l	97
8) Diethyl Ether	2.136	74	61912	52.968	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	77622	45.722	ug/l	98
10) Methyl Iodide	2.459	142	120778	49.972	ug/l	98
11) Tert butyl alcohol	2.941	59	95339	294.849	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85303	49.230	ug/l	98
13) Acrolein	2.233	56	99033	306.416	ug/l	99
14) Allyl chloride	2.666	41	169680	58.327	ug/l	98
15) Acrylonitrile	3.056	53	315401	313.042	ug/l	99
16) Acetone	2.374	43	266451	347.528	ug/l	98
17) Carbon Disulfide	2.514	76	245507	48.790	ug/l	99
18) Methyl Acetate	2.697	43	134400	62.303	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	326490	57.898	ug/l	100
20) Methylene Chloride	2.788	84	103850	54.190	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	93486	52.863	ug/l	95
22) Diisopropyl ether	3.751	45	339813	62.501	ug/l	96
23) Vinyl Acetate	3.715	43	1499635	328.264	ug/l	97
24) 1,1-Dichloroethane	3.605	63	178319	58.815	ug/l	99
25) 2-Butanone	4.538	43	408002	360.559	ug/l	94
26) 2,2-Dichloropropane	4.465	77	137070	51.095	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	117840	59.050	ug/l	94
28) Bromochloromethane	4.885	49	76912	51.756	ug/l	83
29) Tetrahydrofuran	4.983	42	266972	308.977	ug/l	94
30) Chloroform	5.080	83	181657	55.918	ug/l	98
31) Cyclohexane	5.464	56	124800	46.104	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	150241	51.615	ug/l	96
36) 1,1-Dichloropropene	5.678	75	111707	44.236	ug/l	98
37) Ethyl Acetate	4.690	43	181739	60.230	ug/l	98
38) Carbon Tetrachloride	5.666	117	129810	45.382	ug/l	95
39) Methylcyclohexane	7.367	83	119355	39.971	ug/l	99
40) Benzene	6.025	78	373398	49.880	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048764.D
 Acq On : 08 Dec 2025 18:22
 Operator : JC/MD
 Sample : Q3787-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-120425-MS

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/09/2025
 Supervised By :Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:14:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	82568	60.142	ug/l	94
42) 1,2-Dichloroethane	6.074	62	139760	52.748	ug/l	95
43) Isopropyl Acetate	6.318	43	251532	55.052	ug/l	95
44) Trichloroethene	7.110	130	102480	52.466	ug/l	92
45) 1,2-Dichloropropane	7.415	63	94833	50.685	ug/l	99
46) Dibromomethane	7.568	93	72314	50.965	ug/l	96
47) Bromodichloromethane	7.805	83	146227	49.430	ug/l	98
48) Methyl methacrylate	7.677	41	125351	54.538	ug/l	96
49) 1,4-Dioxane	7.647	88	29827	943.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	824973	290.894	ug/l	98
52) Toluene	8.702	92	226193	50.108	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	148000	52.588	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	153853	50.867	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	93282	51.359	ug/l	98
56) Ethyl methacrylate	9.098	69	158051	55.594	ug/l	97
57) 1,3-Dichloropropane	9.293	76	157141	52.031	ug/l	100
59) 2-Hexanone	9.415	43	610097	306.457	ug/l	98
60) Dibromochloromethane	9.506	129	111909	49.828	ug/l	99
61) 1,2-Dibromoethane	9.592	107	99938	50.839	ug/l	99
64) Tetrachloroethene	9.256	164	69138	38.653	ug/l	98
65) Chlorobenzene	10.061	112	246624	45.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	88070	45.841	ug/l	98
67) Ethyl Benzene	10.177	91	414806	47.326	ug/l	98
68) m/p-Xylenes	10.287	106	314664	92.163	ug/l	99
69) o-Xylene	10.622	106	153240	47.898	ug/l	99
70) Styrene	10.640	104	265723	48.381	ug/l	99
71) Bromoform	10.781	173	76989	44.887	ug/l #	98
73) Isopropylbenzene	10.945	105	374207	44.136	ug/l	99
74) N-amyl acetate	10.823	43	204022	55.382	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	137839	48.182	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	132853m	56.694	ug/l	
77) Bromobenzene	11.183	156	98566	43.556	ug/l	99
78) n-propylbenzene	11.287	91	442403	45.053	ug/l	100
79) 2-Chlorotoluene	11.348	91	268688	44.872	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	308503	44.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	47751	48.404	ug/l #	80
82) 4-Chlorotoluene	11.433	91	320872	45.920	ug/l	100
83) tert-Butylbenzene	11.695	119	313331	43.270	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	314064	44.675	ug/l	99
85) sec-Butylbenzene	11.872	105	371550	42.337	ug/l	100
86) p-Isopropyltoluene	11.988	119	314537	41.929	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	173442	41.576	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	179559	41.652	ug/l	99
89) n-Butylbenzene	12.311	91	288544	41.082	ug/l	99
90) Hexachloroethane	12.518	117	59625	38.944	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	171961	42.518	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	31346	45.022	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	104665	39.183	ug/l	98
94) Hexachlorobutadiene	13.707	225	38226	34.596	ug/l	94
95) Naphthalene	13.756	128	375371	49.682	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	99143	40.246	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048764.D
Acq On : 08 Dec 2025 18:22
Operator : JC/MD
Sample : Q3787-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 09 04:14:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425-MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

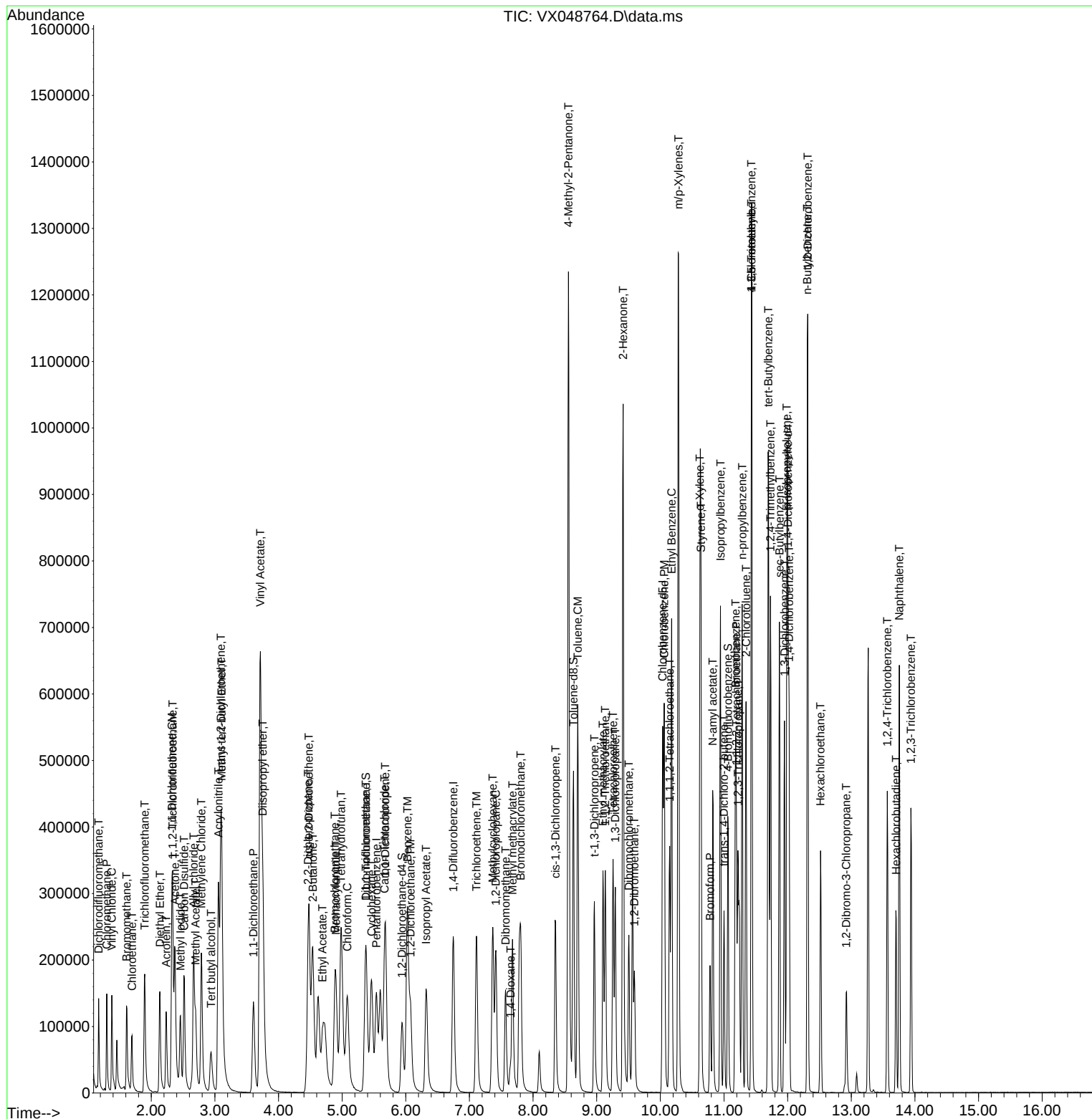
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425-MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048765.D
 Acq On : 08 Dec 2025 18:43
 Operator : JC/MD
 Sample : Q3787-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-120425-MSD

Quant Time: Dec 09 04:15:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/09/2025
 Supervised By : Mahesh Dadoda 12/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	132053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	236459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94376	53.248	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.500%			
35) Dibromofluoromethane	5.373	113	71640	44.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.000%			
50) Toluene-d8	8.635	98	246820	43.248	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.500%#			
62) 4-Bromofluorobenzene	11.061	95	87600	44.513	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	75246	55.925	ug/l	96
3) Chloromethane	1.301	50	85763	50.513	ug/l	100
4) Vinyl Chloride	1.380	62	92023	50.892	ug/l	100
5) Bromomethane	1.611	94	62976	56.358	ug/l	95
6) Chloroethane	1.697	64	56131	49.877	ug/l	93
7) Trichlorofluoromethane	1.898	101	126977	48.996	ug/l	96
8) Diethyl Ether	2.136	74	55216	53.380	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	67709	45.067	ug/l	98
10) Methyl Iodide	2.459	142	113034	52.847	ug/l	96
11) Tert butyl alcohol	2.934	59	91401	319.414	ug/l	99
12) 1,1-Dichloroethene	2.325	96	76185	49.683	ug/l	98
13) Acrolein	2.233	56	94805	328.180	ug/l	99
14) Allyl chloride	2.666	41	151667	58.912	ug/l	96
15) Acrylonitrile	3.056	53	289692	324.899	ug/l	99
16) Acetone	2.374	43	240364	354.254	ug/l	98
17) Carbon Disulfide	2.514	76	218417	49.049	ug/l	98
18) Methyl Acetate	2.697	43	122071	63.943	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	296547	59.424	ug/l	100
20) Methylene Chloride	2.788	84	92954	54.809	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	83573	53.400	ug/l	96
22) Diisopropyl ether	3.751	45	307476	63.905	ug/l	99
23) Vinyl Acetate	3.715	43	1380586	341.487	ug/l	96
24) 1,1-Dichloroethane	3.605	63	162052	60.397	ug/l	98
25) 2-Butanone	4.538	43	379282	378.747	ug/l	95
26) 2,2-Dichloropropane	4.471	77	126787	53.405	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	107134	60.663	ug/l	93
28) Bromochloromethane	4.879	49	73318	55.751	ug/l	83
29) Tetrahydrofuran	4.983	42	248532	325.024	ug/l	92
30) Chloroform	5.080	83	164357	57.169	ug/l	100
31) Cyclohexane	5.458	56	114211	47.677	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	137153	53.244	ug/l	96
36) 1,1-Dichloropropene	5.678	75	101310	45.432	ug/l	98
37) Ethyl Acetate	4.696	43	166346	62.429	ug/l	98
38) Carbon Tetrachloride	5.666	117	115935	45.899	ug/l	100
39) Methylcyclohexane	7.367	83	106352	40.333	ug/l	98
40) Benzene	6.025	78	330918	50.059	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048765.D
 Acq On : 08 Dec 2025 18:43
 Operator : JC/MD
 Sample : Q3787-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-120425-MSD

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/09/2025
 Supervised By :Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:15:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	75624	62.378	ug/l	94
42) 1,2-Dichloroethane	6.074	62	129080	55.169	ug/l	95
43) Isopropyl Acetate	6.324	43	228096	56.533	ug/l	94
44) Trichloroethene	7.110	130	90902	52.701	ug/l	91
45) 1,2-Dichloropropane	7.415	63	84132	50.920	ug/l	99
46) Dibromomethane	7.568	93	64397	51.396	ug/l	96
47) Bromodichloromethane	7.805	83	132825	50.845	ug/l	98
48) Methyl methacrylate	7.677	41	113869	56.104	ug/l	93
49) 1,4-Dioxane	7.641	88	29281	1048.991	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	750110	299.523	ug/l	97
52) Toluene	8.702	92	202440	50.785	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	135430	54.494	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	139203	52.118	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	82425	51.391	ug/l	97
56) Ethyl methacrylate	9.104	69	139193	55.445	ug/l	94
57) 1,3-Dichloropropane	9.293	76	142537	53.445	ug/l	99
59) 2-Hexanone	9.415	43	561086	319.161	ug/l	96
60) Dibromochloromethane	9.506	129	99997	50.420	ug/l	98
61) 1,2-Dibromoethane	9.592	107	88303	50.869	ug/l	100
64) Tetrachloroethene	9.256	164	60492	39.473	ug/l	95
65) Chlorobenzene	10.061	112	224156	48.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	80189	48.716	ug/l	98
67) Ethyl Benzene	10.177	91	373163	49.692	ug/l	98
68) m/p-Xylenes	10.287	106	281719	96.307	ug/l	99
69) o-Xylene	10.622	106	135097	49.286	ug/l	97
70) Styrene	10.634	104	238011	50.580	ug/l	99
71) Bromoform	10.781	173	69813	47.507	ug/l #	99
73) Isopropylbenzene	10.945	105	341593	48.867	ug/l	100
74) N-amyl acetate	10.823	43	186883	61.530	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	126896	53.801	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	101562m	52.568	ug/l	
77) Bromobenzene	11.177	156	88821	47.607	ug/l	98
78) n-propylbenzene	11.287	91	402813	49.755	ug/l	98
79) 2-Chlorotoluene	11.348	91	244532	49.533	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	282938	49.242	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	45025	55.358	ug/l #	80
82) 4-Chlorotoluene	11.433	91	292348	50.746	ug/l	100
83) tert-Butylbenzene	11.695	119	285355	47.796	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	284007	49.000	ug/l	98
85) sec-Butylbenzene	11.872	105	334256	46.197	ug/l	100
86) p-Isopropyltoluene	11.988	119	286255	46.284	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	159683	46.427	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	164216	46.203	ug/l	99
89) n-Butylbenzene	12.311	91	263221	45.456	ug/l	98
90) Hexachloroethane	12.518	117	54335	43.044	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	155234	46.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	29702	51.744	ug/l	90
93) 1,2,4-Trichlorobenzene	13.567	180	94508	42.913	ug/l	99
94) Hexachlorobutadiene	13.707	225	32995	36.220	ug/l	97
95) Naphthalene	13.756	128	331262	52.612	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	88362	43.506	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048765.D
Acq On : 08 Dec 2025 18:43
Operator : JC/MD
Sample : Q3787-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 09 04:15:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425-MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

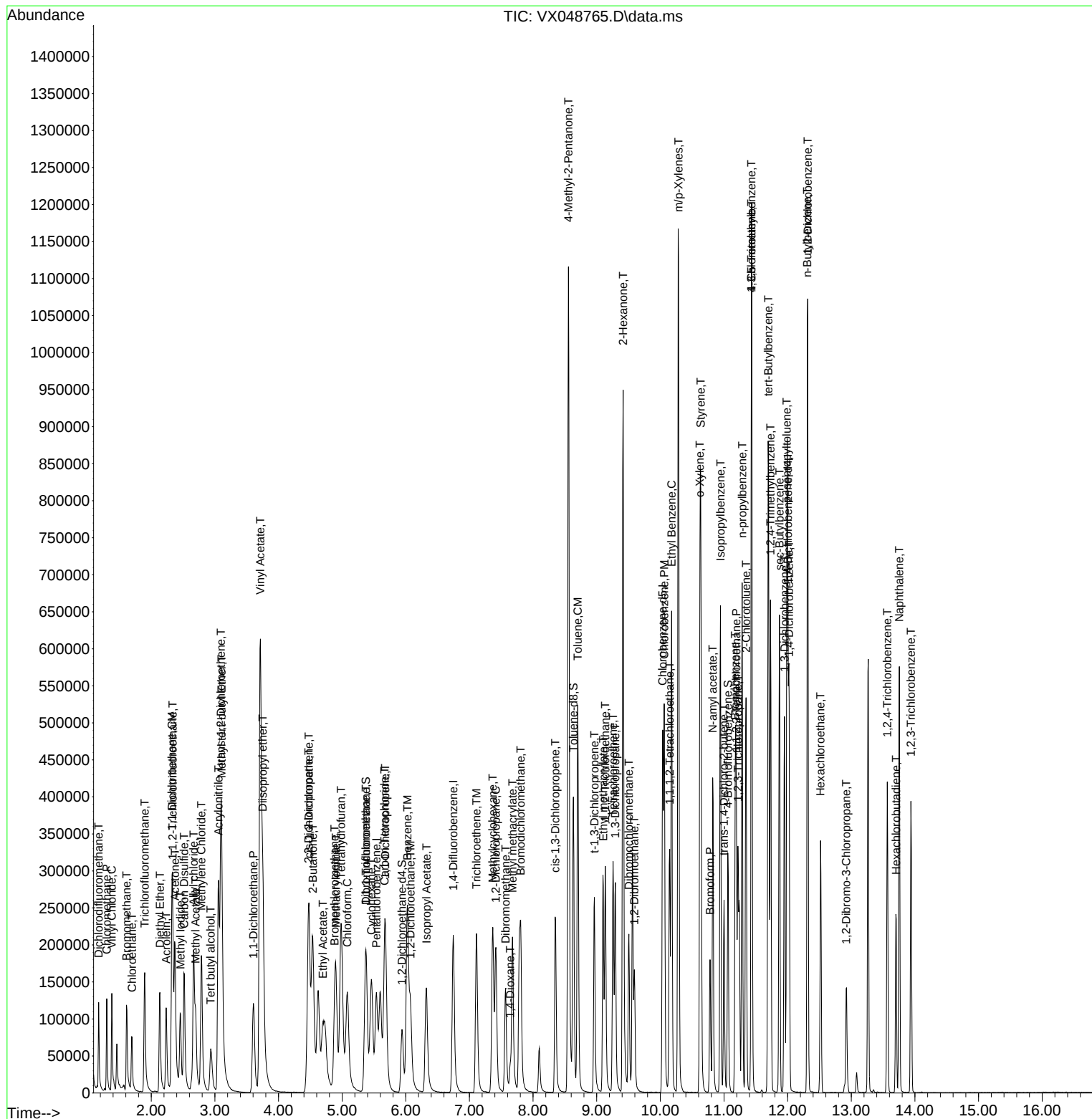
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425-MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



Manual Integration Report

Sequence:	VX120425	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048714.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:03 AM	sam	12/5/2025 2:19:32 PM	Peak Integrated by Software
VSTDICC001	VX048714.D	1,4-Dichlorobenzene	JOHN	12/5/2025 8:04:03 AM	sam	12/5/2025 2:19:32 PM	Peak Integrated by Software
VSTDICC001	VX048714.D	Ethyl Acetate	JOHN	12/5/2025 8:04:03 AM	sam	12/5/2025 2:19:32 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	1,2-Dichloroethane-d4	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	4-Bromofluorobenzene	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Acrolein	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Bromomethane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Cyclohexane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Dibromofluoromethane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Ethyl Acetate	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Methyl Acetate	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Methyl Iodide	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	VX120425	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDIC005	VX048715.D	Tert butyl alcohol	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDIC005	VX048715.D	Toluene-d8	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDIC005	VX048715.D	trans-1,4-Dichloro-2-but ene	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDIC020	VX048716.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:16 AM	sam	12/5/2025 2:19:42 PM	Peak Integrated by Software
VSTDIC050	VX048717.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:22 AM	sam	12/5/2025 2:20:03 PM	Peak Integrated by Software
VSTDIC100	VX048718.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:27 AM	sam	12/5/2025 2:19:47 PM	Peak Integrated by Software
VSTDIC150	VX048719.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:32 AM	sam	12/5/2025 2:20:07 PM	Peak Integrated by Software
VSTDICV050	VX048721.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:41 AM	sam	12/5/2025 2:19:52 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX120825

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048742.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:28 AM	MMDadoda	12/9/2025 12:23:37 PM	Peak Integrated by Software
VX1208WBS01	VX048745.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:33 AM	MMDadoda	12/9/2025 12:23:40 PM	Peak Integrated by Software
Q3787-02MS	VX048764.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:43 AM	MMDadoda	12/9/2025 12:23:50 PM	Peak Integrated by Software
Q3787-03MSD	VX048765.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:48 AM	MMDadoda	12/9/2025 12:23:55 PM	Peak Integrated by Software
VSTDCCC050	VX048766.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:52 AM	MMDadoda	12/9/2025 12:23:58 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	VX121025	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048796.D	1,2,3-Trichloropropane	MMDadoda	12/11/2025 11:46:39 AM	sam	12/11/2025 12:33:45 PM	Peak Integrated by Software
VX1210WBS01	VX048799.D	1,2,3-Trichloropropane	MMDadoda	12/11/2025 11:46:42 AM	sam	12/11/2025 12:33:50 PM	Peak Integrated by Software
VSTDCCC050	VX048820.D	1,2,3-Trichloropropane	MMDadoda	12/11/2025 11:46:51 AM	sam	12/11/2025 12:34:09 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120425

Review By	John Carlone	Review On	12/5/2025 8:05:59 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:14:46 PM
SubDirectory	VX120425	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP136497		
Initial Calibration Stds	VP136526,VP136527,VP136528,VP136529,VP136530,VP136531		
CCC			
Internal Standard/PEM			
ICV/I.BLK	VP136532		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048713.D	04 Dec 2025 08:15	JC/MD	Ok
2	VSTDIC001	VX048714.D	04 Dec 2025 08:47	JC/MD	Ok,M
3	VSTDIC005	VX048715.D	04 Dec 2025 09:16	JC/MD	Ok,M
4	VSTDIC020	VX048716.D	04 Dec 2025 09:36	JC/MD	Ok,M
5	VSTDIC050	VX048717.D	04 Dec 2025 09:57	JC/MD	Ok,M
6	VSTDIC100	VX048718.D	04 Dec 2025 10:17	JC/MD	Ok,M
7	VSTDIC150	VX048719.D	04 Dec 2025 10:38	JC/MD	Ok,M
8	IBLK	VX048720.D	04 Dec 2025 10:58	JC/MD	Ok
9	VSTDICV050	VX048721.D	04 Dec 2025 14:04	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM
Supervise By	Maresh Dadoda	Supervise On	12/9/2025 12:45:16 PM
SubDirectory	VX120825	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136561		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136570,VP136571		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048741.D	08 Dec 2025 08:17	JC/MD	Ok
2	VSTDCCC050	VX048742.D	08 Dec 2025 09:20	JC/MD	Ok,M
3	VX1208MBL01	VX048743.D	08 Dec 2025 09:49	JC/MD	Ok
4	VX1208WBL01	VX048744.D	08 Dec 2025 11:15	JC/MD	Ok
5	VX1208WBS01	VX048745.D	08 Dec 2025 11:44	JC/MD	Ok,M
6	VX1208WBSD01	VX048746.D	08 Dec 2025 12:12	JC/MD	Ok,M
7	Q3757-05RE	VX048747.D	08 Dec 2025 12:33	JC/MD	Confirms
8	Q3757-09RE	VX048748.D	08 Dec 2025 12:53	JC/MD	Confirms
9	Q3787-01	VX048749.D	08 Dec 2025 13:14	JC/MD	Ok
10	Q3787-02MS	VX048750.D	08 Dec 2025 13:35	JC/MD	Not Ok
11	Q3787-03MSD	VX048751.D	08 Dec 2025 13:55	JC/MD	Not Ok
12	Q3787-07	VX048752.D	08 Dec 2025 14:16	JC/MD	ReRun
13	Q3787-09	VX048753.D	08 Dec 2025 14:36	JC/MD	ReRun
14	Q3787-11	VX048754.D	08 Dec 2025 14:57	JC/MD	ReRun
15	Q3787-13	VX048755.D	08 Dec 2025 15:18	JC/MD	ReRun
16	Q3787-15	VX048756.D	08 Dec 2025 15:38	JC/MD	Ok
17	Q3787-17	VX048757.D	08 Dec 2025 15:59	JC/MD	ReRun
18	Q3787-19	VX048758.D	08 Dec 2025 16:19	JC/MD	ReRun
19	Q3787-21	VX048759.D	08 Dec 2025 16:40	JC/MD	ReRun
20	Q3788-07	VX048760.D	08 Dec 2025 17:00	JC/MD	ReRun
21	Q3788-09	VX048761.D	08 Dec 2025 17:21	JC/MD	ReRun

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM
Supervise By	Mahesh Dadoda	Supervise On	12/9/2025 12:45:16 PM
SubDirectory	VX120825	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136561		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136570,VP136571		

22	Q3788-11	VX048762.D	08 Dec 2025 17:41	JC/MD	ReRun
23	Q3788-13	VX048763.D	08 Dec 2025 18:02	JC/MD	Ok
24	Q3787-02MS	VX048764.D	08 Dec 2025 18:22	JC/MD	Ok,M
25	Q3787-03MSD	VX048765.D	08 Dec 2025 18:43	JC/MD	Ok,M
26	VSTDCCC050	VX048766.D	08 Dec 2025 19:03	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX121025

Review By	Mahesh Dadoda	Review On	12/11/2025 11:58:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM
SubDirectory	VX121025	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136598		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136599,VP136600		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048795.D	10 Dec 2025 09:13	JC/MD	Ok
2	VSTDCCC050	VX048796.D	10 Dec 2025 09:40	JC/MD	Ok,M
3	VX1210WBL01	VX048797.D	10 Dec 2025 10:10	JC/MD	Ok
4	VX1210MBL01	VX048798.D	10 Dec 2025 10:31	JC/MD	Ok
5	VX1210WBS01	VX048799.D	10 Dec 2025 10:58	JC/MD	Ok,M
6	VX1210WBSD01	VX048800.D	10 Dec 2025 11:26	JC/MD	Ok,M
7	Q3803-08DL	VX048801.D	10 Dec 2025 11:47	JC/MD	Ok
8	Q3803-09DL	VX048802.D	10 Dec 2025 12:07	JC/MD	Ok
9	Q3803-11	VX048803.D	10 Dec 2025 12:28	JC/MD	Ok
10	Q3803-12	VX048804.D	10 Dec 2025 12:48	JC/MD	Ok,M
11	Q3803-13RE	VX048805.D	10 Dec 2025 13:09	JC/MD	Confirms
12	IBLK	VX048806.D	10 Dec 2025 13:29	JC/MD	Ok
13	Q3787-07RE	VX048807.D	10 Dec 2025 13:49	JC/MD	Confirms
14	Q3787-09RE	VX048808.D	10 Dec 2025 14:10	JC/MD	Confirms
15	Q3787-11RE	VX048809.D	10 Dec 2025 14:30	JC/MD	Confirms
16	Q3787-13RE	VX048810.D	10 Dec 2025 14:51	JC/MD	Confirms
17	Q3787-17RE	VX048811.D	10 Dec 2025 15:11	JC/MD	Confirms
18	Q3787-19	VX048812.D	10 Dec 2025 15:32	JC/MD	Ok
19	Q3787-21	VX048813.D	10 Dec 2025 15:53	JC/MD	Ok
20	Q3788-07	VX048814.D	10 Dec 2025 16:13	JC/MD	Ok
21	Q3788-09RE	VX048815.D	10 Dec 2025 16:34	JC/MD	Confirms

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX121025

Review By	Mahesh Dadoda	Review On	12/11/2025 11:58:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM
SubDirectory	VX121025	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136598		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136599,VP136600		

22	Q3788-11RE	VX048816.D	10 Dec 2025 16:54	JC/MD	Confirms
23	Q3776-01	VX048817.D	10 Dec 2025 17:15	JC/MD	ReRun
24	Q3776-02	VX048818.D	10 Dec 2025 17:35	JC/MD	ReRun
25	PB170875TB	VX048819.D	10 Dec 2025 17:56	JC/MD	Ok
26	VSTDCCC050	VX048820.D	10 Dec 2025 18:37	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120425

Review By	John Carlone	Review On	12/5/2025 8:05:59 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:14:46 PM
SubDirectory	VX120425	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP136497		
Initial Calibration Stds	VP136526,VP136527,VP136528,VP136529,VP136530,VP136531		
CCC			
Internal Standard/PEM			
ICV/I.BLK	VP136532		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampled	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048713.D	04 Dec 2025 08:15		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX048714.D	04 Dec 2025 08:47		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX048715.D	04 Dec 2025 09:16		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX048716.D	04 Dec 2025 09:36	Comp. #13 on Linear Regression	JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX048717.D	04 Dec 2025 09:57	Comp. #95 on Quadratic Regression	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX048718.D	04 Dec 2025 10:17		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX048719.D	04 Dec 2025 10:38		JC/MD	Ok,M
8	IBLK	IBLK	VX048720.D	04 Dec 2025 10:58		JC/MD	Ok
9	VSTDICV050	ICVVX120425	VX048721.D	04 Dec 2025 14:04		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM
Supervise By	Maresh Dadoda	Supervise On	12/9/2025 12:45:16 PM
SubDirectory	VX120825	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136561		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136570,VP136571		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048741.D	08 Dec 2025 08:17		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048742.D	08 Dec 2025 09:20	pH#Lot#V12668	JC/MD	Ok,M
3	VX1208MBL01	VX1208MBL01	VX048743.D	08 Dec 2025 09:49		JC/MD	Ok
4	VX1208WBL01	VX1208WBL01	VX048744.D	08 Dec 2025 11:15		JC/MD	Ok
5	VX1208WBS01	VX1208WBS01	VX048745.D	08 Dec 2025 11:44		JC/MD	Ok,M
6	VX1208WBSD01	VX1208WBSD01	VX048746.D	08 Dec 2025 12:12		JC/MD	Ok,M
7	Q3757-05RE	MW-14B-46-120325RE	VX048747.D	08 Dec 2025 12:33	vial B pH<2 Surrogate fail	JC/MD	Confirms
8	Q3757-09RE	OW-05B-72-120325RE	VX048748.D	08 Dec 2025 12:53	vial B pH<2 Surrogate fail	JC/MD	Confirms
9	Q3787-01	MW-15B-42.5-120425	VX048749.D	08 Dec 2025 13:14	vial A pH<2	JC/MD	Ok
10	Q3787-02MS	MW-15B-42.5-120425	VX048750.D	08 Dec 2025 13:35	Not Spiked	JC/MD	Not Ok
11	Q3787-03MSD	MW-15B-42.5-120425	VX048751.D	08 Dec 2025 13:55	Not Spiked	JC/MD	Not Ok
12	Q3787-07	OWBR-02-170-120425	VX048752.D	08 Dec 2025 14:16	vial A pH<2 Surrogate fail	JC/MD	ReRun
13	Q3787-09	OWBR-02-170-120425	VX048753.D	08 Dec 2025 14:36	vial A pH<2 Surrogate fail	JC/MD	ReRun
14	Q3787-11	OW-03B-51.5-120425	VX048754.D	08 Dec 2025 14:57	vial A pH<2 Surrogate fail	JC/MD	ReRun
15	Q3787-13	OW-03B-51.5-120425	VX048755.D	08 Dec 2025 15:18	vial A pH<2 Surrogate fail	JC/MD	ReRun
16	Q3787-15	OW-08B-72.5-120425	VX048756.D	08 Dec 2025 15:38	vial A pH<2	JC/MD	Ok
17	Q3787-17	OW-08B-72.5-120425	VX048757.D	08 Dec 2025 15:59	vial A pH<2 Surrogate fail	JC/MD	ReRun
18	Q3787-19	OW-02B-21.2-120425	VX048758.D	08 Dec 2025 16:19	vial A pH<2 Surrogate fail	JC/MD	ReRun

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM
Supervise By	Maresh Dadoda	Supervise On	12/9/2025 12:45:16 PM
SubDirectory	VX120825	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136561		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136570,VP136571		

19	Q3787-21	TB01-120425	VX048759.D	08 Dec 2025 16:40	vial A pH<2 TB;Surrogate fail	JC/MD	ReRun
20	Q3788-07	OW-01B-66.5-120525	VX048760.D	08 Dec 2025 17:00	vial A pH<2 Surrogate fail	JC/MD	ReRun
21	Q3788-09	TA-BR-05-465-120525	VX048761.D	08 Dec 2025 17:21	vial A pH<2 Surrogate fail	JC/MD	ReRun
22	Q3788-11	MW-16B-87.5-120525	VX048762.D	08 Dec 2025 17:41	vial A pH<2 Surrogate fail	JC/MD	ReRun
23	Q3788-13	TB01-120525	VX048763.D	08 Dec 2025 18:02	vial A pH<2 TB	JC/MD	Ok
24	Q3787-02MS	MW-15B-42.5-120425	VX048764.D	08 Dec 2025 18:22	vial A pH<2	JC/MD	Ok,M
25	Q3787-03MSD	MW-15B-42.5-120425	VX048765.D	08 Dec 2025 18:43	vial A pH<2	JC/MD	Ok,M
26	VSTDCCC050	VSTDCCC050EC	VX048766.D	08 Dec 2025 19:03		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX121025

Review By	Mahesh Dadoda	Review On	12/11/2025 11:58:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM
SubDirectory	VX121025	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136598		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136599,VP136600		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048795.D	10 Dec 2025 09:13		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048796.D	10 Dec 2025 09:40	pH#lot#v14222	JC/MD	Ok,M
3	VX1210WBL01	VX1210WBL01	VX048797.D	10 Dec 2025 10:10		JC/MD	Ok
4	VX1210MBL01	VX1210MBL01	VX048798.D	10 Dec 2025 10:31		JC/MD	Ok
5	VX1210WBS01	VX1210WBS01	VX048799.D	10 Dec 2025 10:58		JC/MD	Ok,M
6	VX1210WBSD01	VX1210WBSD01	VX048800.D	10 Dec 2025 11:26		JC/MD	Ok,M
7	Q3803-08DL	CHASE-HDL	VX048801.D	10 Dec 2025 11:47	vial B pH#5.0	JC/MD	Ok
8	Q3803-09DL	CHASE-IDL	VX048802.D	10 Dec 2025 12:07	vial B pH#5.0	JC/MD	Ok
9	Q3803-11	CHASE-K	VX048803.D	10 Dec 2025 12:28	vial B pH#5.0	JC/MD	Ok
10	Q3803-12	CHASE-L	VX048804.D	10 Dec 2025 12:48	vial B pH#5.0	JC/MD	Ok,M
11	Q3803-13RE	CHASE-MRE	VX048805.D	10 Dec 2025 13:09	vial B pH#5.0 ,Surrogate Fail	JC/MD	Confirms
12	IBLK	IBLK	VX048806.D	10 Dec 2025 13:29		JC/MD	Ok
13	Q3787-07RE	OWBR-02-170-120425	VX048807.D	10 Dec 2025 13:49	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
14	Q3787-09RE	OWBR-02-170-120425	VX048808.D	10 Dec 2025 14:10	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
15	Q3787-11RE	OW-03B-51.5-120425	VX048809.D	10 Dec 2025 14:30	vial B pH<2 Surrogate fail	JC/MD	Confirms
16	Q3787-13RE	OW-03B-51.5-120425	VX048810.D	10 Dec 2025 14:51	vial B pH<2 Surrogate fail	JC/MD	Confirms
17	Q3787-17RE	OW-08B-72.5-120425	VX048811.D	10 Dec 2025 15:11	vial B pH<2 Surrogate fail	JC/MD	Confirms
18	Q3787-19	OW-02B-21.2-120425	VX048812.D	10 Dec 2025 15:32	vial B pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX121025

Review By	Maresh Dadoda	Review On	12/11/2025 11:58:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM
SubDirectory	VX121025	HP Acquire Method	HP Processing Method 82X120425W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136598		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136599,VP136600		

19	Q3787-21	TB01-120425	VX048813.D	10 Dec 2025 15:53	vial B pH<2 ,TB	JC/MD	Ok
20	Q3788-07	OW-01B-66.5-120525	VX048814.D	10 Dec 2025 16:13	vial B pH<2	JC/MD	Ok
21	Q3788-09RE	TA-BR-05-465-120525	VX048815.D	10 Dec 2025 16:34	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
22	Q3788-11RE	MW-16B-87.5-120525	VX048816.D	10 Dec 2025 16:54	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
23	Q3776-01	IDW-RAD-20251203	VX048817.D	10 Dec 2025 17:15	vial A pH<2 Surrogate fail	JC/MD	ReRun
24	Q3776-02	TB-20251203	VX048818.D	10 Dec 2025 17:35	vial A pH<2 ,TB;Surrogate fail	JC/MD	ReRun
25	PB170875TB	PB170875TB	VX048819.D	10 Dec 2025 17:56		JC/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VX048820.D	10 Dec 2025 18:37		JC/MD	Ok,M

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3787	OrderDate:	12/5/2025 7:44:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3787-01	MW-15B-42.5-120425	Water	VOCMS Group3	8260-Low	12/04/25		12/08/25	12/04/25
Q3787-07	OWBR-02-170-120425	Water	VOCMS Group3	8260-Low	12/04/25		12/08/25	12/04/25
Q3787-07RE	OWBR-02-170-120425RE	Water	VOCMS Group3	8260-Low	12/04/25		12/10/25	12/04/25
Q3787-09	OWBR-02-170-120425-FD	Water	VOCMS Group3	8260-Low	12/04/25		12/08/25	12/04/25
Q3787-09RE	OWBR-02-170-120425-FDRE	Water	VOCMS Group3	8260-Low	12/04/25		12/10/25	12/04/25
Q3787-11	OW-03B-51.5-120425	Water	VOCMS Group3	8260-Low	12/04/25		12/08/25	12/04/25
Q3787-11RE	OW-03B-51.5-120425RE	Water	VOCMS Group3	8260-Low	12/04/25		12/10/25	12/04/25
Q3787-13	OW-03B-51.5-120425-FD	Water	VOCMS Group3	8260-Low	12/04/25		12/08/25	12/04/25
Q3787-13RE	OW-03B-51.5-120425-FDRE	Water	VOCMS Group3	8260-Low	12/04/25		12/10/25	12/04/25
Q3787-15	OW-08B-72.5-120425	Water			12/04/25			12/04/25

LAB CHRONICLE

			VOCMS Group3	8260-Low	12/08/25	
Q3787-17	OW-08B-72.5-120425	Water			12/04/25	12/04/25
	-FD					
			VOCMS Group3	8260-Low	12/08/25	
Q3787-17RE	OW-08B-72.5-120425	Water			12/04/25	12/04/25
	-FDRE					
			VOCMS Group3	8260-Low	12/10/25	
Q3787-19	OW-02B-21.2-120425	Water			12/04/25	12/04/25
			VOCMS Group3	8260-Low	12/10/25	
Q3787-21	TB01-120425	Water			12/04/25	12/04/25
			VOCMS Group3	8260-Low	12/10/25	