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

Hit Summary Sheet
SW-846

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**OWBR-05-135-120525**							
Q3788-01	OWBR-05-135-120	Water	1,1-Dichloroethene	120		0.23	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	1,1-Dichloroethane	9.30		0.23	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	cis-1,2-Dichloroethene	92.6		0.19	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	1,2-Dichloroethane	5.10		0.22	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	Trichloroethene	22.5		0.090	1.00	ug/L
			Total Voc :	250				
			Total Concentration:	250				
Client ID:	**OW-01B-66.5-120525**							
Q3788-07	OW-01B-66.5-1205	Water	Trichloroethene	2.40		0.090	1.00	ug/L
Q3788-07	OW-01B-66.5-1205	Water	Tetrachloroethene	0.45	J	0.23	1.00	ug/L
			Total Voc :	2.85				
			Total Concentration:	2.85				

SAMPLE DATA

Raw Data: **VX048774.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OWBR-05-135-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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	12/09/25 11:45	VX120925
75-35-4	1,1-Dichloroethene	120		1	0.23	1.00	ug/L	12/09/25 11:45	VX120925
75-34-3	1,1-Dichloroethane	9.30		1	0.23	1.00	ug/L	12/09/25 11:45	VX120925
156-59-2	cis-1,2-Dichloroethene	92.6		1	0.19	1.00	ug/L	12/09/25 11:45	VX120925
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/09/25 11:45	VX120925
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/09/25 11:45	VX120925
107-06-2	1,2-Dichloroethane	5.10		1	0.22	1.00	ug/L	12/09/25 11:45	VX120925
79-01-6	Trichloroethene	22.5		1	0.090	1.00	ug/L	12/09/25 11:45	VX120925
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/09/25 11:45	VX120925
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/09/25 11:45	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.2			70 (74) - 130 (125)	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.1			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	45.1			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			70 (77) - 130 (121)	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	135000							
540-36-3	1,4-Difluorobenzene	280000							
3114-55-4	Chlorobenzene-d5	296000							
3855-82-1	1,4-Dichlorobenzene-d4	153000							

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

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

Raw Data: **VX048814.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OW-01B-66.5-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-07	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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 16:13	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:13	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:13	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 16:13	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 16:13	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 16:13	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 16:13	VX121025
79-01-6	Trichloroethene	2.40		1	0.090	1.00	ug/L	12/10/25 16:13	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 16:13	VX121025
127-18-4	Tetrachloroethene	0.45	J	1	0.23	1.00	ug/L	12/10/25 16:13	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.7			70 (75) - 130 (124)	93%	SPK: 50		
2037-26-5	Toluene-d8	47.2			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.4			70 (77) - 130 (121)	121%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	134000							
540-36-3	1,4-Difluorobenzene	282000							
3114-55-4	Chlorobenzene-d5	304000							
3855-82-1	1,4-Dichlorobenzene-d4	163000							

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

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

Raw Data: **VX048761.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	BR-05-465-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-09	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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 17:21	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:21	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:21	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 17:21	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 17:21	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 17:21	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 17:21	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 17:21	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 17:21	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:21	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	64.1			70 (74) - 130 (125)	128%	SPK: 50		
1868-53-7	Dibromofluoromethane	37.2			70 (75) - 130 (124)	74%	SPK: 50		
2037-26-5	Toluene-d8	44.7			70 (86) - 130 (113)	89%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.0			70 (77) - 130 (121)	78%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	159000							
540-36-3	1,4-Difluorobenzene	334000							
3114-55-4	Chlorobenzene-d5	260000							
3855-82-1	1,4-Dichlorobenzene-d4	130000							

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

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

Raw Data: **VX048815.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	BR-05-465-120525RE	SDG No.:	Q3788
Lab Sample ID:	Q3788-09RE	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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 16:34	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:34	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:34	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 16:34	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 16:34	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 16:34	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 16:34	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 16:34	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 16:34	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:34	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	35.5			70 (75) - 130 (124)	71%	SPK: 50		
2037-26-5	Toluene-d8	46.9			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.5			70 (77) - 130 (121)	123%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	142000							
540-36-3	1,4-Difluorobenzene	295000							
3114-55-4	Chlorobenzene-d5	322000							
3855-82-1	1,4-Dichlorobenzene-d4	176000							

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

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

Raw Data: **VX048762.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	MW-16B-87.5-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-11	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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 17:41	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:41	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:41	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 17:41	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 17:41	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 17:41	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 17:41	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 17:41	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 17:41	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:41	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.4			70 (74) - 130 (125)	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.2			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	35.5			70 (86) - 130 (113)	71%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.8			70 (77) - 130 (121)	88%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	124000							
540-36-3	1,4-Difluorobenzene	277000							
3114-55-4	Chlorobenzene-d5	228000							
3855-82-1	1,4-Dichlorobenzene-d4	124000							

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

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

Raw Data: **VX048816.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	MW-16B-87.5-120525RE	SDG No.:	Q3788
Lab Sample ID:	Q3788-11RE	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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 16:54	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:54	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:54	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 16:54	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 16:54	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 16:54	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 16:54	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 16:54	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 16:54	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:54	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.2			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.4			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	61.0			70 (77) - 130 (121)	122%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	145000							
540-36-3	1,4-Difluorobenzene	298000							
3114-55-4	Chlorobenzene-d5	321000							
3855-82-1	1,4-Dichlorobenzene-d4	183000							

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

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

Raw Data: **VX048763.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	TB01-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-13	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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 18:02	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 18:02	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 18:02	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 18:02	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 18:02	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 18:02	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 18:02	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 18:02	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 18:02	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 18:02	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.4			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.5			70 (75) - 130 (124)	93%	SPK: 50		
2037-26-5	Toluene-d8	47.3			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.7			70 (77) - 130 (121)	117%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	148000							
540-36-3	1,4-Difluorobenzene	304000							
3114-55-4	Chlorobenzene-d5	326000							
3855-82-1	1,4-Dichlorobenzene-d4	174000							

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

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

Surrogate Summary

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3788-01	OWBR-05-135-120525	1,2-Dichloroethane-d4	50	52.2	104		70 (74)	130 (125)
		Dibromofluoromethane	50	44.1	88		70 (75)	130 (124)
		Toluene-d8	50	45.1	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.4	113		70 (77)	130 (121)
Q3788-02MS	OWBR-05-135-120525MS	1,2-Dichloroethane-d4	50	47.4	95		70 (74)	130 (125)
		Dibromofluoromethane	50	43.6	87		70 (75)	130 (124)
		Toluene-d8	50	43.6	87		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.1	94		70 (77)	130 (121)
Q3788-03MSD	OWBR-05-135-120525MSD	1,2-Dichloroethane-d4	50	56.6	113		70 (74)	130 (125)
		Dibromofluoromethane	50	50.7	101		70 (75)	130 (124)
		Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.0	106		70 (77)	130 (121)
Q3788-07	OW-01B-66.5-120525	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	46.7	93		70 (75)	130 (124)
		Toluene-d8	50	47.2	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.4	121		70 (77)	130 (121)
Q3788-09	BR-05-465-120525	1,2-Dichloroethane-d4	50	64.1	128		70 (74)	130 (125)
		Dibromofluoromethane	50	37.2	74		70 (75)	130 (124)
		Toluene-d8	50	44.7	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	39.0	78		70 (77)	130 (121)
Q3788-09RE	BR-05-465-120525RE	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	35.5	71		70 (75)	130 (124)
		Toluene-d8	50	46.9	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	61.5	123		70 (77)	130 (121)
Q3788-11	MW-16B-87.5-120525	1,2-Dichloroethane-d4	50	59.4	119		70 (74)	130 (125)
		Dibromofluoromethane	50	47.2	94		70 (75)	130 (124)
		Toluene-d8	50	35.5	71		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.8	88		70 (77)	130 (121)
Q3788-11RE	MW-16B-87.5-120525RE	1,2-Dichloroethane-d4	50	56.2	112		70 (74)	130 (125)
		Dibromofluoromethane	50	47.4	95		70 (75)	130 (124)
		Toluene-d8	50	47.6	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	61.0	122		70 (77)	130 (121)
Q3788-13	TB01-120525	1,2-Dichloroethane-d4	50	55.4	111		70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93		70 (75)	130 (124)
		Toluene-d8	50	47.3	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.7	117		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)
VX1209WBL01	VX1209WBL01	1,2-Dichloroethane-d4	50	56.0	112		70 (74)	130 (125)
		Dibromofluoromethane	50	45.5	91		70 (75)	130 (124)
		Toluene-d8	50	46.6	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.6	115		70 (77)	130 (121)
VX1209WBS02	VX1209WBS02	1,2-Dichloroethane-d4	50	46.5	93		70 (74)	130 (125)
		Dibromofluoromethane	50	44.7	89		70 (75)	130 (124)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX1209WBS02	VX1209WBS02	Toluene-d8	50	45.0	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.4	93		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)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, In **Datafile :** VX048776.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3788-03MSD		**Client Sample ID : OWBR-05-135-120525MSD**									
Vinyl chloride	50	0	50.5	ug/L	101		9		70 (69)	130 (125)	20 (20)
1,1-Dichloroethene	50	120	150	ug/L	60	*	29	*	70 (80)	130 (124)	20 (20)
1,1-Dichloroethane	50	9.30	68.4	ug/L	118		11		70 (78)	130 (122)	20 (20)
cis-1,2-Dichloroethene	50	92.6	140	ug/L	95		0		70 (55)	130 (150)	20 (20)
1,1,1-Trichloroethane	50	0	53.0	ug/L	106		11		70 (83)	130 (117)	20 (20)
Benzene	50	0	54.1	ug/L	108		10		70 (81)	130 (128)	20 (20)
1,2-Dichloroethane	50	5.10	60.8	ug/L	111		11		70 (76)	130 (120)	20 (20)
Trichloroethene	50	22.5	70.5	ug/L	96		4		70 (44)	130 (168)	20 (20)
1,1,2-Trichloroethane	50	0	57.4	ug/L	115		12		70 (73)	130 (136)	20 (20)
Tetrachloroethene	50	0	44.3	ug/L	89		7		70 (63)	130 (122)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, In **Datafile :** VX048793.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3788-02MS		**Client Sample ID : OWBR-05-135-120525MS**									
Vinyl chloride	50	0	46.3	ug/L	93				70 (69)	130 (125)	
1,1-Dichloroethene	50	120	160	ug/L	80				70 (80)	130 (124)	
1,1-Dichloroethane	50	9.30	62.5	ug/L	106				70 (78)	130 (122)	
cis-1,2-Dichloroethene	50	92.6	140	ug/L	95				70 (55)	130 (150)	
1,1,1-Trichloroethane	50	0	47.5	ug/L	95				70 (83)	130 (117)	
Benzene	50	0	49.1	ug/L	98				70 (81)	130 (128)	
1,2-Dichloroethane	50	5.10	54.6	ug/L	99				70 (76)	130 (120)	
Trichloroethene	50	22.5	72.6	ug/L	100				70 (44)	130 (168)	
1,1,2-Trichloroethane	50	0	50.9	ug/L	102				70 (73)	130 (136)	
Tetrachloroethene	50	0	41.3	ug/L	83				70 (63)	130 (122)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048745.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits 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 INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048773.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1209WBS02	Vinyl chloride	20	17.5	ug/L	88			70 (65)	130 (117)	
	1,1-Dichloroethene	20	17.0	ug/L	85			70 (74)	130 (110)	
	1,1-Dichloroethane	20	19.5	ug/L	98			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.1	ug/L	96			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	18.6	ug/L	93			70 (80)	130 (108)	
	Benzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.9	ug/L	95			70 (80)	130 (115)	
	Trichloroethene	20	17.5	ug/L	88			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	19.3	ug/L	97			70 (83)	130 (112)	
	Tetrachloroethene	20	17.0	ug/L	85			70 (67)	130 (123)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048799.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits 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)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1208WBL01

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

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
BR-05-465-120525	Q3788-09	VX048761.D	12/08/2025
MW-16B-87.5-120525	Q3788-11	VX048762.D	12/08/2025
TB01-120525	Q3788-13	VX048763.D	12/08/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1209WBL01

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048769.D Lab Sample ID: VX1209WBL01

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

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
VX1209WBS02	VX1209WBS02	VX048773.D	12/09/2025
OWBR-05-135-120525	Q3788-01	VX048774.D	12/09/2025
OWBR-05-135-120525MSD	Q3788-03MSD	VX048776.D	12/09/2025
OWBR-05-135-120525MS	Q3788-02MS	VX048793.D	12/09/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VX1210WBL01

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

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
OW-01B-66.5-120525	Q3788-07	VX048814.D	12/10/2025
BR-05-465-120525RE	Q3788-09RE	VX048815.D	12/10/2025
MW-16B-87.5-120525RE	Q3788-11RE	VX048816.D	12/10/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

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
VSTDICC001	VSTDICC001	VX048714.D	12/04/2025	08:47
VSTDICC005	VSTDICC005	VX048715.D	12/04/2025	09:16
VSTDICC020	VSTDICC020	VX048716.D	12/04/2025	09:36
VSTDICCC050	VSTDICCC050	VX048717.D	12/04/2025	09:57
VSTDICC100	VSTDICC100	VX048718.D	12/04/2025	10:17
VSTDICC150	VSTDICC150	VX048719.D	12/04/2025	10:38

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

Lab File ID: VX048741.D | BFB Injection Date: 12/08/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:17

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	19.5
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
BR-05-465-120525	Q3788-09	VX048761.D	12/08/2025	17:21
MW-16B-87.5-120525	Q3788-11	VX048762.D	12/08/2025	17:41
TB01-120525	Q3788-13	VX048763.D	12/08/2025	18:02

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

Lab File ID: VX048767.D | BFB Injection Date: 12/09/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:16

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	19.2
75	30.0 - 60.0% of mass 95	48
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	76.9
175	5.0 - 9.0% of mass 174	5.9 (7.6) 1
176	95.0 - 101.0% of mass 174	74.8 (97.2) 1
177	5.0 - 9.0% of mass 176	4.7 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048768.D	12/09/2025	09:25
VX1209WBL01	VX1209WBL01	VX048769.D	12/09/2025	09:46
VX1209WBS02	VX1209WBS02	VX048773.D	12/09/2025	11:24
OWBR-05-135-120525	Q3788-01	VX048774.D	12/09/2025	11:45
OWBR-05-135-120525MSD	Q3788-03MSD	VX048776.D	12/09/2025	12:25
OWBR-05-135-120525MS	Q3788-02MS	VX048793.D	12/09/2025	18:12

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

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
OW-01B-66.5-120525	Q3788-07	VX048814.D	12/10/2025	16:13
BR-05-465-120525RE	Q3788-09RE	VX048815.D	12/10/2025	16:34
MW-16B-87.5-120525RE	Q3788-11RE	VX048816.D	12/10/2025	16:54

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

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.						
BR-05-465-120525	158795	5.54	333603	6.75	259658	10.04
MW-16B-87.5-120525	123961	5.54	277457	6.75	227659	10.04
TB01-120525	147710	5.54	303651	6.75	326109	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

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

	IS4 AREA #	RT #				
12 HOUR STD	132353	12				
UPPER LIMIT	264706	12.5				
LOWER LIMIT	66176.5	11.5				
EPA SAMPLE NO.						
BR-05-465-120525	129696	12.01				
MW-16B-87.5-120525	124497	12.01				
TB01-120525	173863	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048768.D Date Analyzed: 12/09/2025

Instrument ID: MSVOA_X Time Analyzed: 09:25

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	159019	5.53	262535	6.74	233121	10.04
UPPER LIMIT	318038	6.032	525070	7.239	466242	10.537
LOWER LIMIT	79509.5	5.032	131268	6.239	116561	9.537
EPA SAMPLE NO.						
OWBR-05-135-120525	135193	5.54	279762	6.75	295744	10.04
OWBR-05-135-120525MS	135862	5.54	235253	6.75	212826	10.04
OWBR-05-135-120525MSD	135940	5.54	240144	6.75	217048	10.04
VX1209WBL01	129302	5.54	266304	6.75	288359	10.04
VX1209WBS02	172951	5.53	289026	6.74	260322	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048768.D Date Analyzed: 12/09/2025

Instrument ID: MSVOA_X Time Analyzed: 09:25

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

	IS4 AREA #	RT #				
12 HOUR STD	116263	12				
UPPER LIMIT	232526	12.5				
LOWER LIMIT	58131.5	11.5				
EPA SAMPLE NO.						
OWBR-05-135-120525	153431	12.01				
OWBR-05-135-120525MS	106800	12.01				
OWBR-05-135-120525MSD	109904	12.01				
VX1209WBL01	149395	12.01				
VX1209WBS02	127982	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

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.						
OW-01B-66.5-120525	134347	5.54	281654	6.75	303661	10.04
BR-05-465-120525RE	141844	5.54	294856	6.75	321925	10.04
MW-16B-87.5-120525RE	145186	5.54	297607	6.75	320506	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

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

	IS4 AREA #	RT #				
12 HOUR STD	117430	12				
UPPER LIMIT	234860	12.5				
LOWER LIMIT	58715	11.5				
EPA SAMPLE NO.						
OW-01B-66.5-120525	163248	12.01				
BR-05-465-120525RE	176216	12.01				
MW-16B-87.5-120525RE	183436	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

Raw Data: **VX048744.D**

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1208WBL01	SDG No.:	Q3788
Lab Sample ID:	VX1208WBL01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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

Raw Data: **VX048769.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1209WBL01	SDG No.:	Q3788
Lab Sample ID:	VX1209WBL01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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	12/09/25 09:46	VX120925
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/09/25 09:46	VX120925
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/09/25 09:46	VX120925
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/09/25 09:46	VX120925
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/09/25 09:46	VX120925
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/09/25 09:46	VX120925
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/09/25 09:46	VX120925
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/09/25 09:46	VX120925
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/09/25 09:46	VX120925
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/09/25 09:46	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.0			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.5			70 (75) - 130 (124)	91%	SPK: 50		
2037-26-5	Toluene-d8	46.6			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.6			70 (77) - 130 (121)	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	129000							
540-36-3	1,4-Difluorobenzene	266000							
3114-55-4	Chlorobenzene-d5	288000							
3855-82-1	1,4-Dichlorobenzene-d4	149000							

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

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

Raw Data: **VX048797.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1210WBL01	SDG No.:	Q3788
Lab Sample ID:	VX1210WBL01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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

Raw Data: **VX048745.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1208WBS01	SDG No.:	Q3788
Lab Sample ID:	VX1208WBS01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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

Raw Data: **VX048773.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1209WBS02	SDG No.:	Q3788
Lab Sample ID:	VX1209WBS02	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	17.5		1	0.26	1.00	ug/L	12/09/25 11:24	VX120925
75-35-4	1,1-Dichloroethene	17.0		1	0.23	1.00	ug/L	12/09/25 11:24	VX120925
75-34-3	1,1-Dichloroethane	19.5		1	0.23	1.00	ug/L	12/09/25 11:24	VX120925
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.19	1.00	ug/L	12/09/25 11:24	VX120925
71-55-6	1,1,1-Trichloroethane	18.6		1	0.20	1.00	ug/L	12/09/25 11:24	VX120925
71-43-2	Benzene	18.5		1	0.15	1.00	ug/L	12/09/25 11:24	VX120925
107-06-2	1,2-Dichloroethane	18.9		1	0.22	1.00	ug/L	12/09/25 11:24	VX120925
79-01-6	Trichloroethene	17.5		1	0.090	1.00	ug/L	12/09/25 11:24	VX120925
79-00-5	1,1,2-Trichloroethane	19.3		1	0.21	1.00	ug/L	12/09/25 11:24	VX120925
127-18-4	Tetrachloroethene	17.0		1	0.23	1.00	ug/L	12/09/25 11:24	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.5			70 (74) - 130 (125)	93%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.7			70 (75) - 130 (124)	89%	SPK: 50		
2037-26-5	Toluene-d8	45.0			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.4			70 (77) - 130 (121)	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	173000							
540-36-3	1,4-Difluorobenzene	289000							
3114-55-4	Chlorobenzene-d5	260000							
3855-82-1	1,4-Dichlorobenzene-d4	128000							

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

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

Raw Data: **VX048799.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1210WBS01	SDG No.:	Q3788
Lab Sample ID:	VX1210WBS01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	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

Raw Data: **VX048793.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OWBR-05-135-120525MS	SDG No.:	Q3788
Lab Sample ID:	Q3788-02MS	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	46.3		1	0.26	1.00	ug/L	12/09/25 18:12	VX120925
75-35-4	1,1-Dichloroethene	160	E	1	0.23	1.00	ug/L	12/09/25 18:12	VX120925
75-34-3	1,1-Dichloroethane	62.5		1	0.23	1.00	ug/L	12/09/25 18:12	VX120925
156-59-2	cis-1,2-Dichloroethene	140		1	0.19	1.00	ug/L	12/09/25 18:12	VX120925
71-55-6	1,1,1-Trichloroethane	47.5		1	0.20	1.00	ug/L	12/09/25 18:12	VX120925
71-43-2	Benzene	49.1		1	0.15	1.00	ug/L	12/09/25 18:12	VX120925
107-06-2	1,2-Dichloroethane	54.6		1	0.22	1.00	ug/L	12/09/25 18:12	VX120925
79-01-6	Trichloroethene	72.6		1	0.090	1.00	ug/L	12/09/25 18:12	VX120925
79-00-5	1,1,2-Trichloroethane	50.9		1	0.21	1.00	ug/L	12/09/25 18:12	VX120925
127-18-4	Tetrachloroethene	41.3		1	0.23	1.00	ug/L	12/09/25 18:12	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.4			70 (74) - 130 (125)	95%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.6			70 (75) - 130 (124)	87%	SPK: 50		
2037-26-5	Toluene-d8	43.6			70 (86) - 130 (113)	87%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.1			70 (77) - 130 (121)	94%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	136000							
540-36-3	1,4-Difluorobenzene	235000							
3114-55-4	Chlorobenzene-d5	213000							
3855-82-1	1,4-Dichlorobenzene-d4	107000							

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

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

Raw Data: **VX048776.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OWBR-05-135-120525MSD	SDG No.:	Q3788
Lab Sample ID:	Q3788-03MSD	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	50.5		1	0.26	1.00	ug/L	12/09/25 12:25	VX120925
75-35-4	1,1-Dichloroethene	150		1	0.23	1.00	ug/L	12/09/25 12:25	VX120925
75-34-3	1,1-Dichloroethane	68.4		1	0.23	1.00	ug/L	12/09/25 12:25	VX120925
156-59-2	cis-1,2-Dichloroethene	140		1	0.19	1.00	ug/L	12/09/25 12:25	VX120925
71-55-6	1,1,1-Trichloroethane	53.0		1	0.20	1.00	ug/L	12/09/25 12:25	VX120925
71-43-2	Benzene	54.1		1	0.15	1.00	ug/L	12/09/25 12:25	VX120925
107-06-2	1,2-Dichloroethane	60.8		1	0.22	1.00	ug/L	12/09/25 12:25	VX120925
79-01-6	Trichloroethene	70.5		1	0.090	1.00	ug/L	12/09/25 12:25	VX120925
79-00-5	1,1,2-Trichloroethane	57.4		1	0.21	1.00	ug/L	12/09/25 12:25	VX120925
127-18-4	Tetrachloroethene	44.3		1	0.23	1.00	ug/L	12/09/25 12:25	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.6			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	49.3			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.0			70 (77) - 130 (121)	106%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	136000							
540-36-3	1,4-Difluorobenzene	240000							
3114-55-4	Chlorobenzene-d5	217000							
3855-82-1	1,4-Dichlorobenzene-d4	110000							

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG No.: Q3788

Instrument ID: MSVOA_X Calibration Date(s): 12/04/2025 12/04/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:47 10:38

GC Column: DB-624UI ID: 0.18 (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	$\overline{RRF}$	% 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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG No.: Q3788

Instrument ID: MSVOA_X Calibration Date/Time: 12/08/2025 09:20

Lab File ID: VX048742.D Init. Calib. Date(s): 12/04/2025 12/04/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:47 10:38

GC Column: DB-624UI ID: 0.18 (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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG No.: Q3788

Instrument ID: MSVOA_X Calibration Date/Time: 12/09/2025 09:25

Lab File ID: VX048768.D Init. Calib. Date(s): 12/04/2025 12/04/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:47 10:38

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.685	0.718		4.82	20
1,1-Dichloroethene	0.581	0.595		2.41	20
1,1-Dichloroethane	1.016	1.161	0.1	14.27	20
cis-1,2-Dichloroethene	0.669	0.735		9.86	20
1,1,1-Trichloroethane	0.975	1.040		6.67	20
Benzene	1.398	1.504		7.58	20
1,2-Dichloroethane	0.495	0.553		11.72	20
Trichloroethene	0.365	0.371		1.64	20
1,1,2-Trichloroethane	0.339	0.372		9.73	20
Tetrachloroethene	0.364	0.350		-3.85	20
1,2-Dichloroethane-d4	0.671	0.650		-3.13	20
Dibromofluoromethane	0.344	0.312		-9.3	20
Toluene-d8	1.207	1.097		-9.11	20
4-Bromofluorobenzene	0.416	0.390		-6.25	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: JACO05
Lab Code: ACE
SDG No.: Q3788
Instrument ID: MSVOA_X
Calibration Date/Time: 12/10/2025 09:40
Lab File ID: VX048796.D
Init. Calib. Date(s): 12/04/2025 12/04/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 08:47 10:38
GC Column: DB-624UI ID: 0.18 (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\VX120925\
Data File : VX048774.D
Acq On : 09 Dec 2025 11:45
Operator : JC/MD
Sample : Q3788-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Quant Time: Dec 10 00:16:56 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

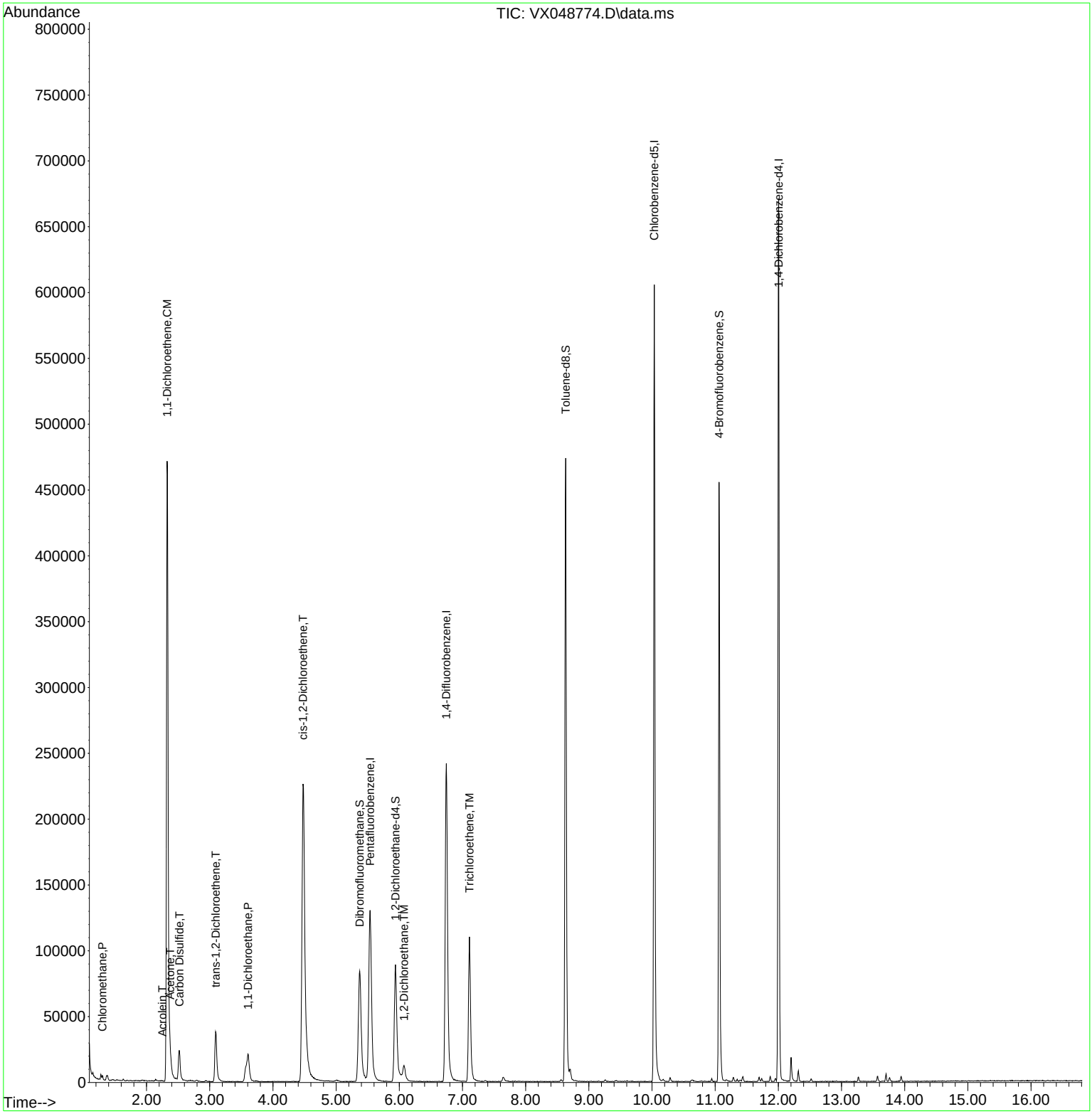
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	135193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	295744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94731	52.207	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.420%			
35) Dibromofluoromethane	5.373	113	84981	44.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.240%			
50) Toluene-d8	8.635	98	304625	45.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.240%#			
62) 4-Bromofluorobenzene	11.061	95	131405	56.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.880%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	2432	1.399	ug/l	99
12) 1,1-Dichloroethene	2.325	96	187750	119.596	ug/l	99
13) Acrolein	2.252	56	302	41.073	ug/l	98
16) Acetone	2.374	43	8653	12.457	ug/l	98
17) Carbon Disulfide	2.520	76	19382	4.251	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	18284	11.411	ug/l	98
24) 1,1-Dichloroethane	3.605	63	25666	9.344	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	167466	92.623	ug/l	94
42) 1,2-Dichloroethane	6.074	62	14210	5.133	ug/l	99
44) Trichloroethene	7.111	130	45972	22.527	ug/l	98

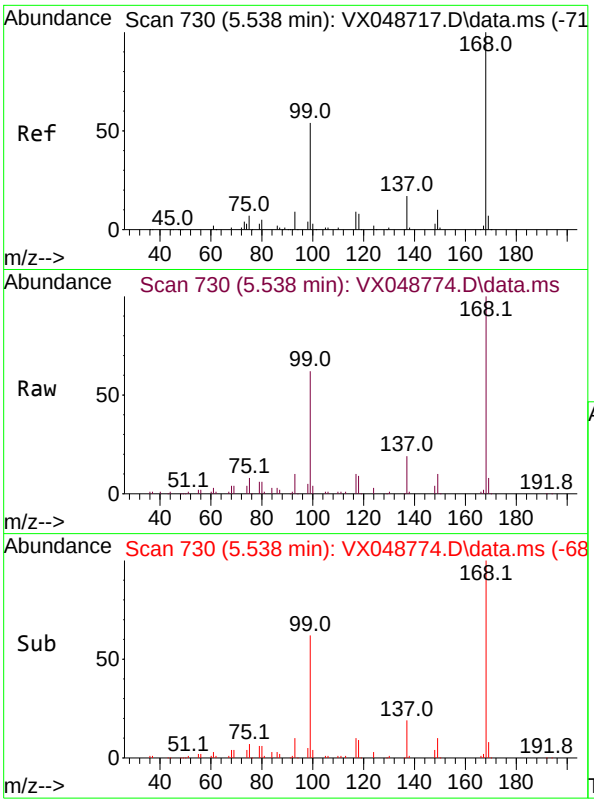
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048774.D
Acq On : 09 Dec 2025 11:45
Operator : JC/MD
Sample : Q3788-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Quant Time: Dec 10 00:16:56 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



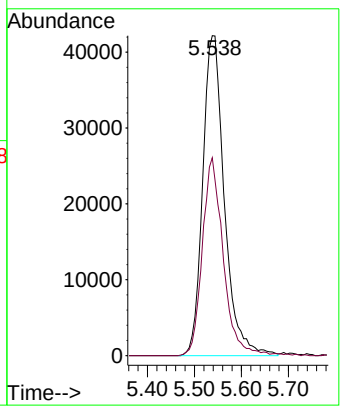


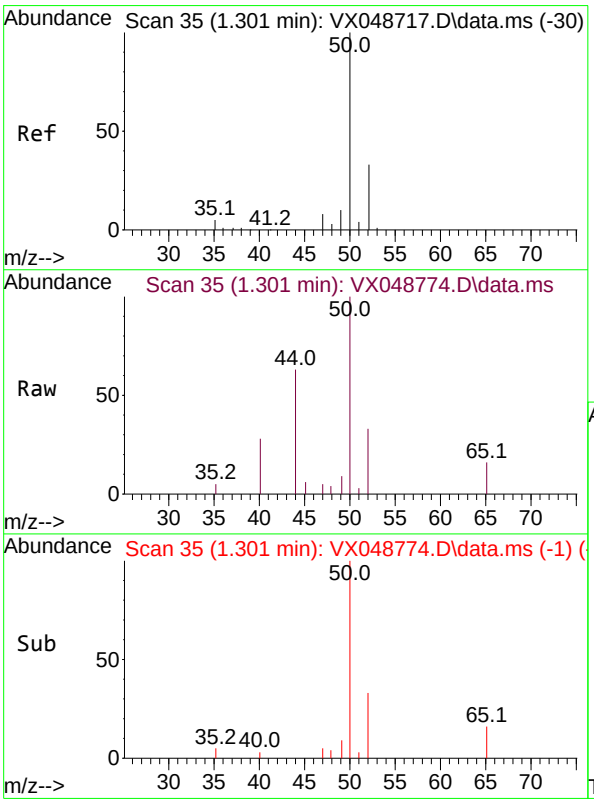
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:168 Resp: 135193

Ion	Ratio	Lower	Upper
168	100		
99	61.8	44.2	66.4

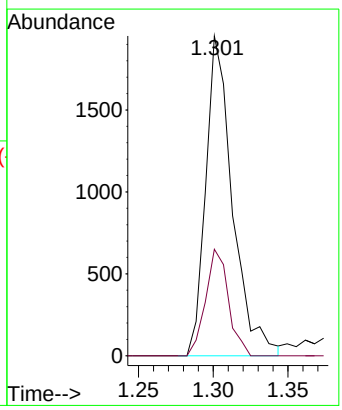


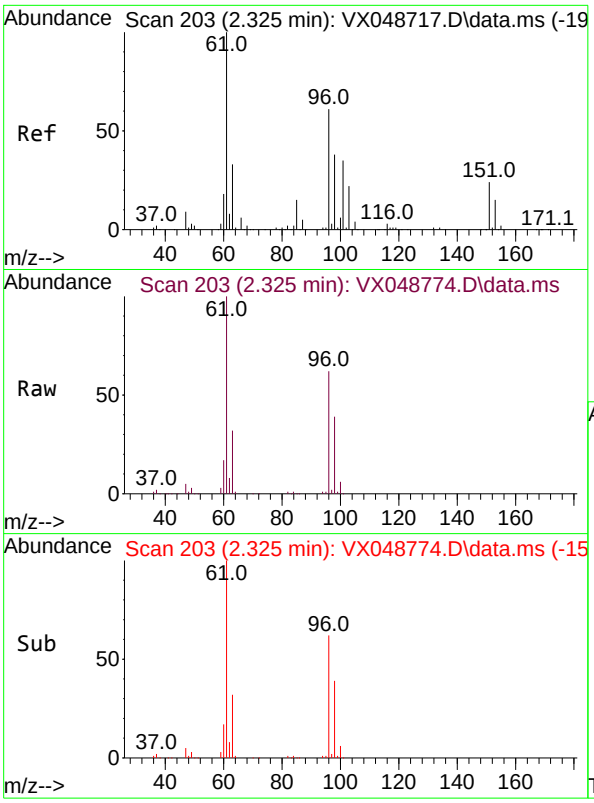


#3
Chloromethane
Concen: 1.399 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 50 Resp: 2432

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.4	39.6



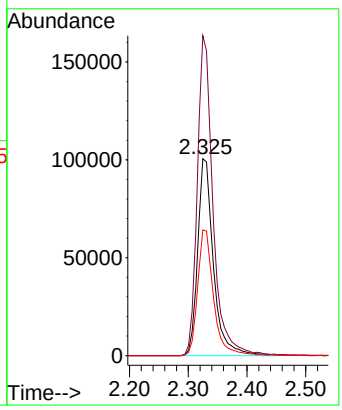


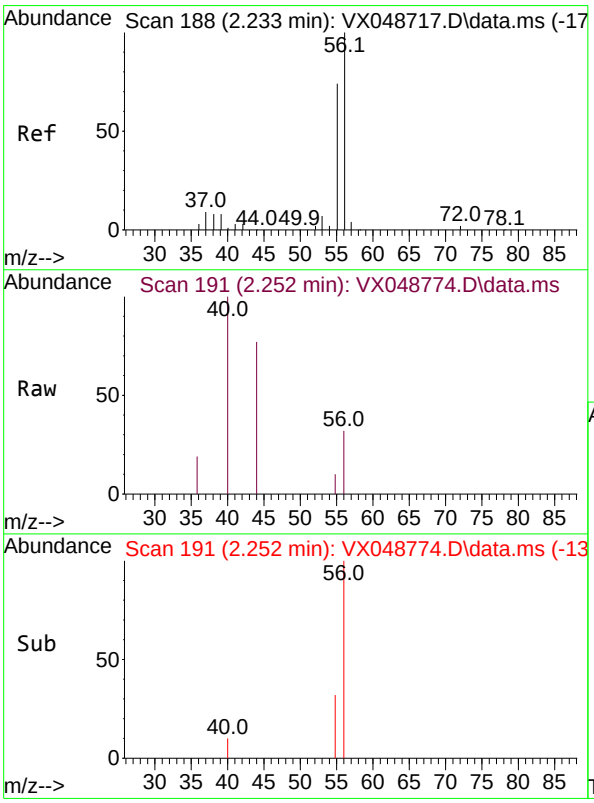
#12
1,1-Dichloroethene
Concen: 119.596 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 96 Resp: 187750

Ion	Ratio	Lower	Upper
96	100		
61	162.5	130.7	196.1
98	63.8	49.8	74.8

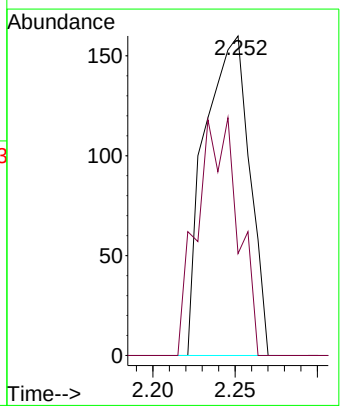


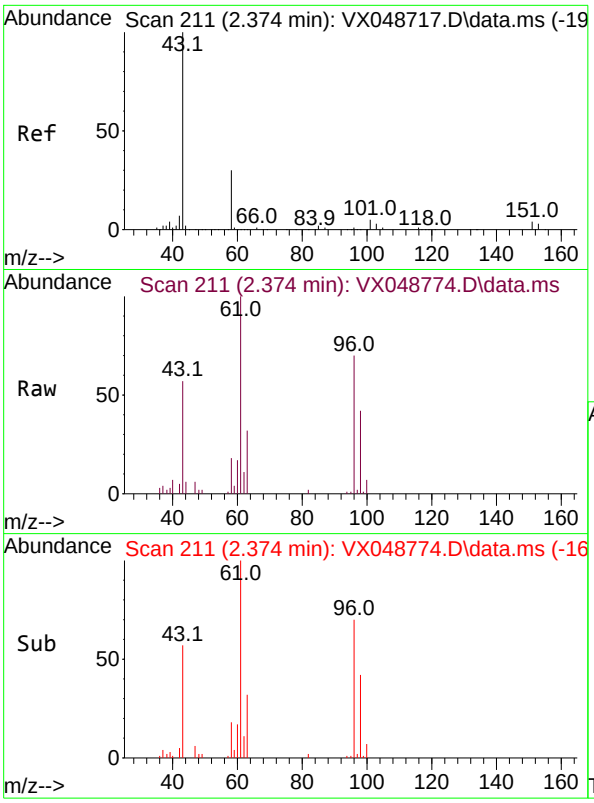


#13
Acrolein
Concen: 41.073 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 56 Resp: 302

Ion	Ratio	Lower	Upper
56	100		
55	67.9	55.8	83.6



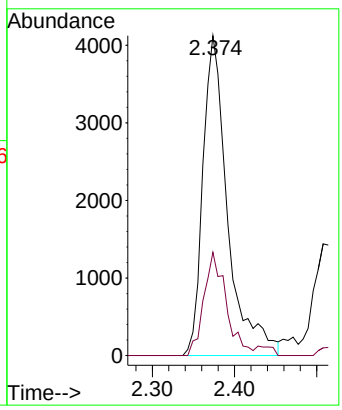


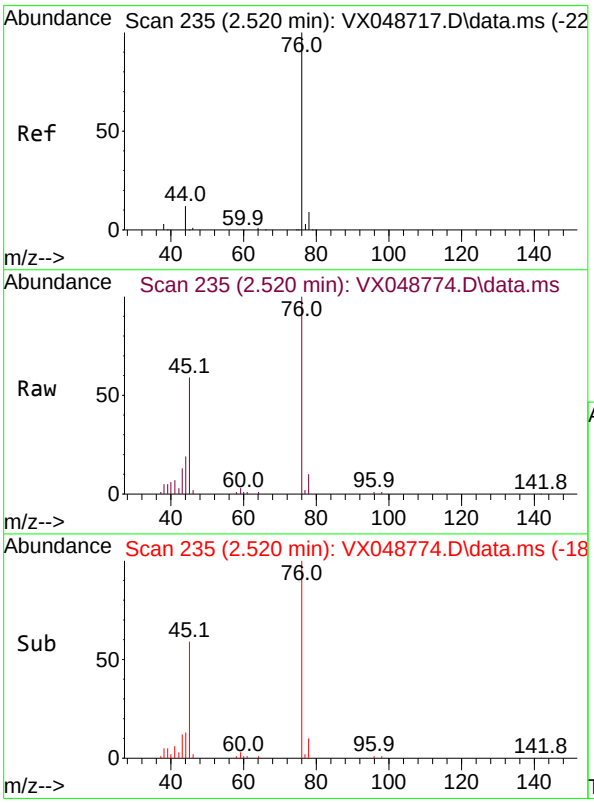
#16
Acetone
Concen: 12.457 ug/l
RT: 2.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 43 Resp: 8653

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.0	37.4

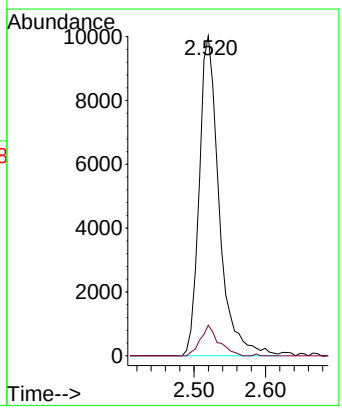


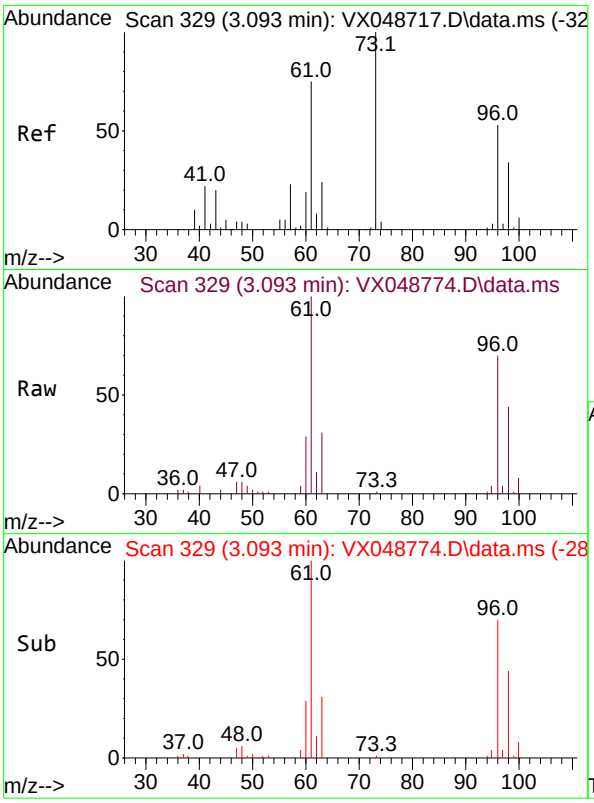


#17
Carbon Disulfide
Concen: 4.251 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 76 Resp: 19382

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2



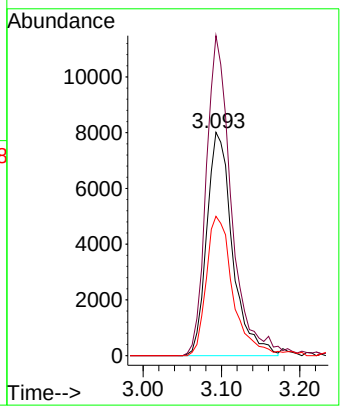


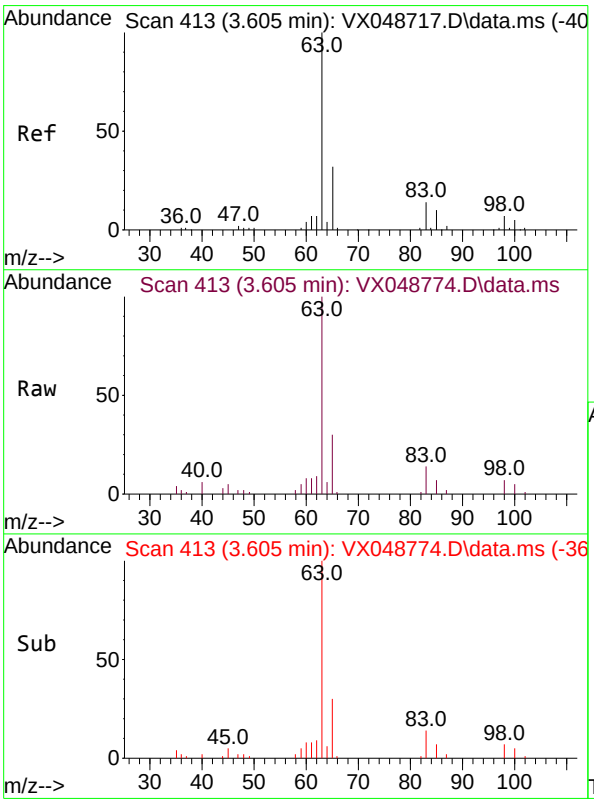
#21
trans-1,2-Dichloroethene
Concen: 11.411 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 96 Resp: 18284

Ion	Ratio	Lower	Upper
96	100		
61	143.3	112.8	169.2
98	62.4	51.0	76.4

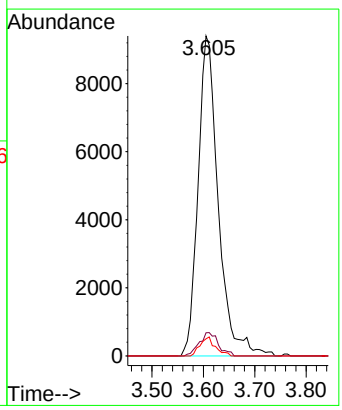


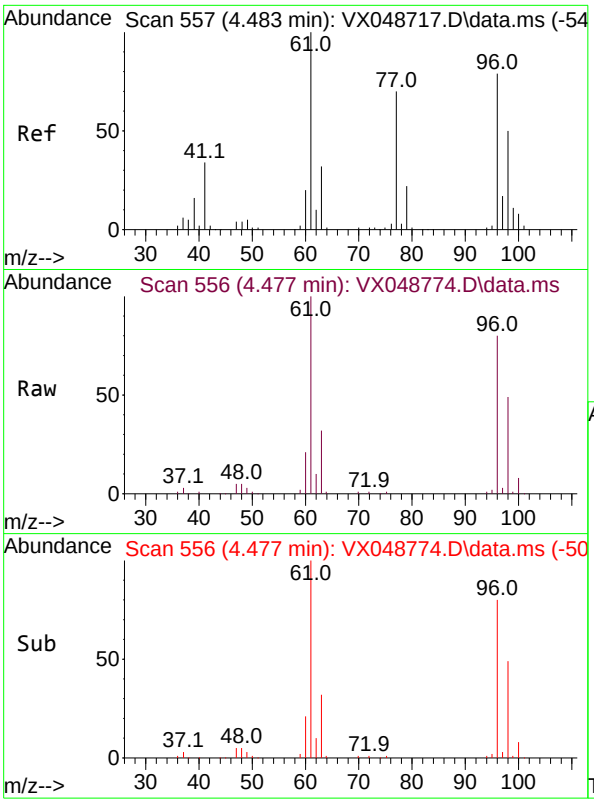


#24
1,1-Dichloroethane
Concen: 9.344 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 63 Resp: 25666

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.5	10.6
100	5.3	2.5	7.4



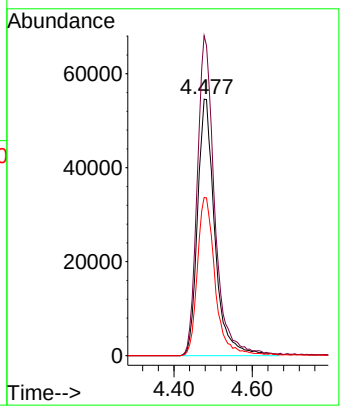


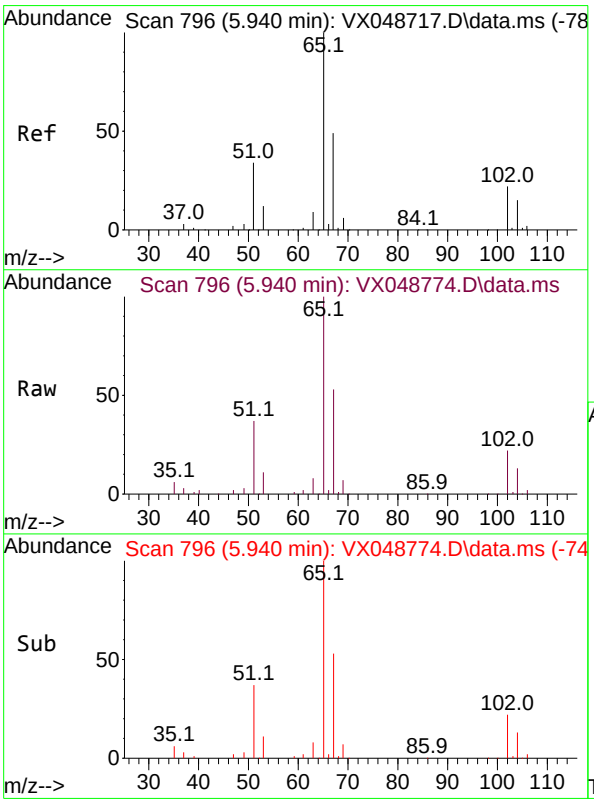
#27
cis-1,2-Dichloroethene
Concen: 92.623 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 96 Resp: 167466

Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	271.0
98	63.1	0.0	130.2

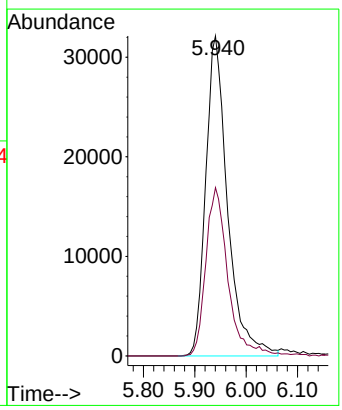


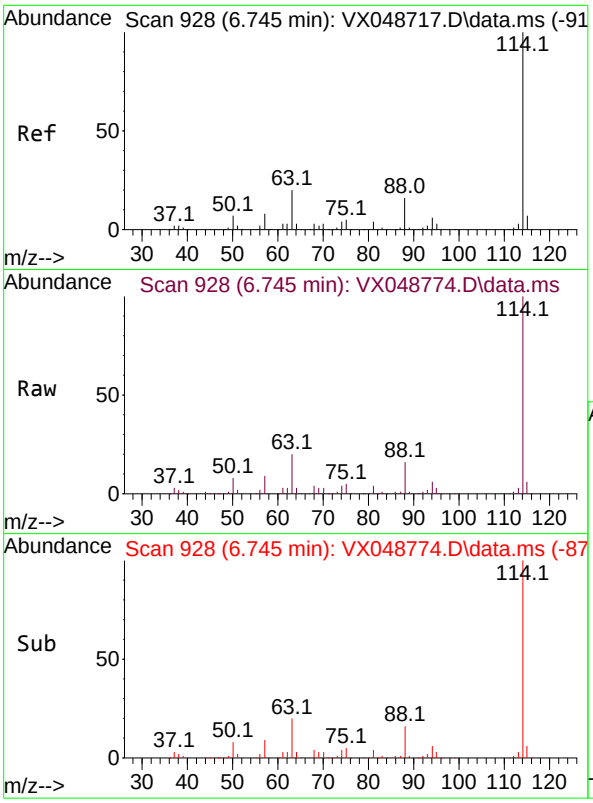


#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 65 Resp: 94731

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4



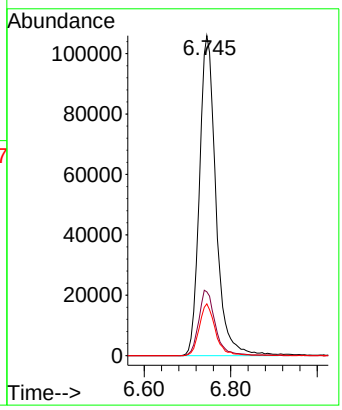


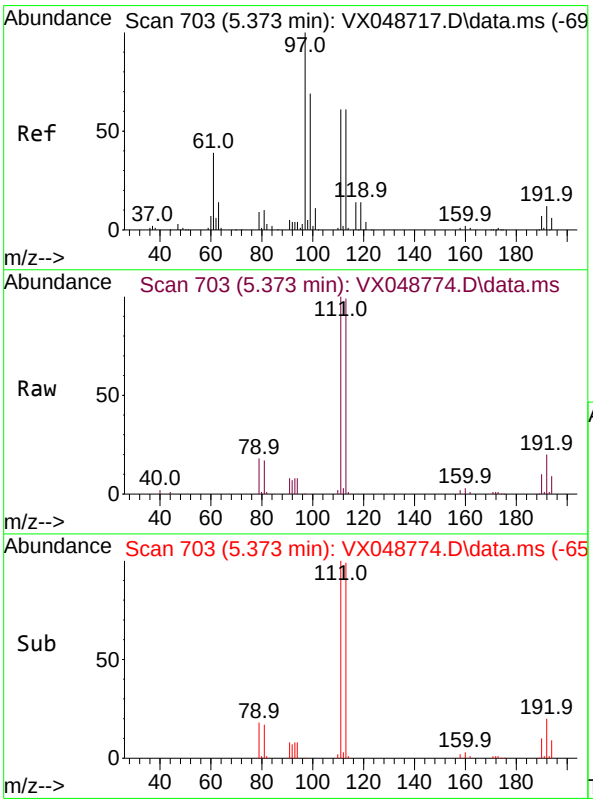
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:114 Resp: 279762

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	16.2	0.0	31.8

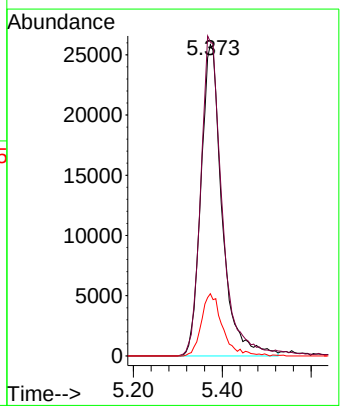




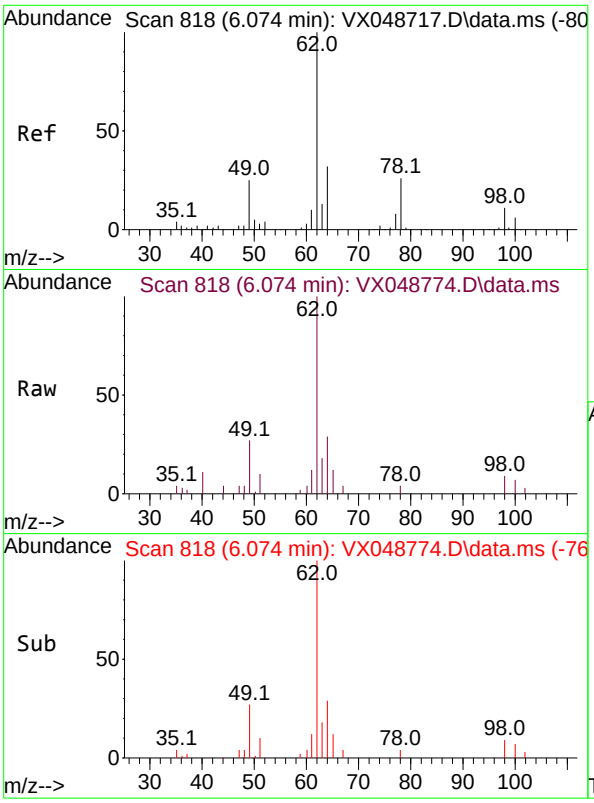
#35
Dibromofluoromethane
Concen: 44.117 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:113 Resp: 84981

Ion	Ratio	Lower	Upper
113	100		
111	103.2	79.5	119.3
192	20.0	16.1	24.1



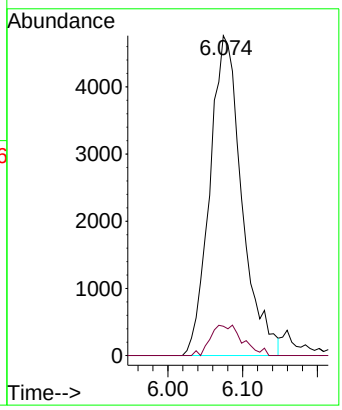
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

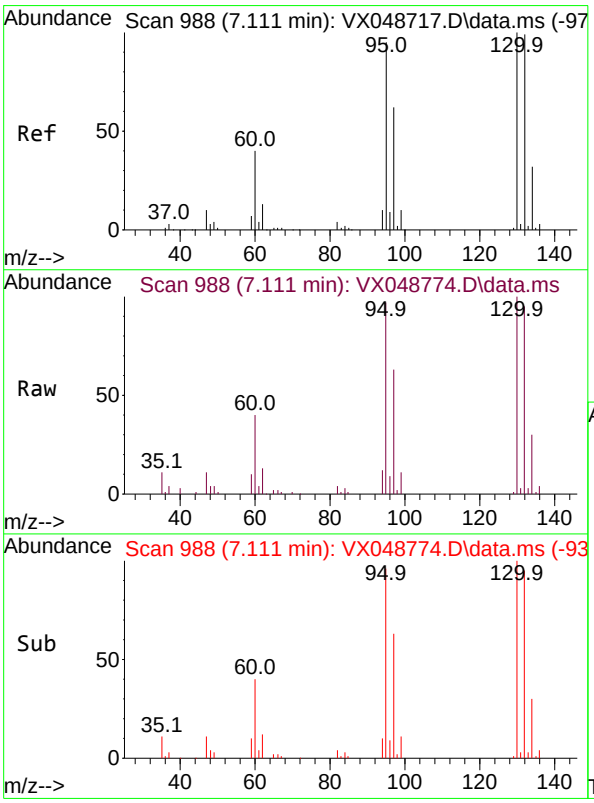


#42
1,2-Dichloroethane
Concen: 5.133 ug/l
RT: 6.074 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 62 Resp: 14210

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2

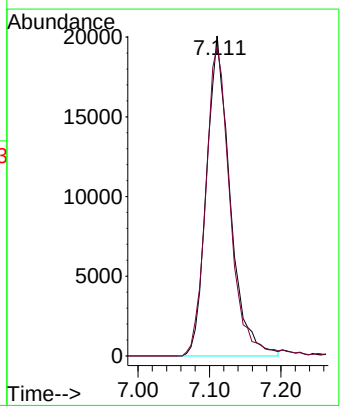


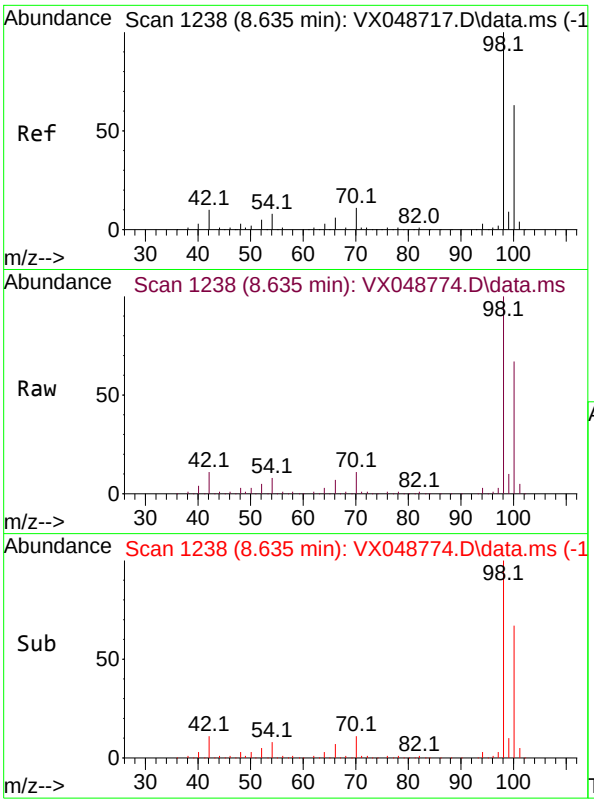


#44
Trichloroethene
Concen: 22.527 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:130 Resp: 45972

Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	189.6



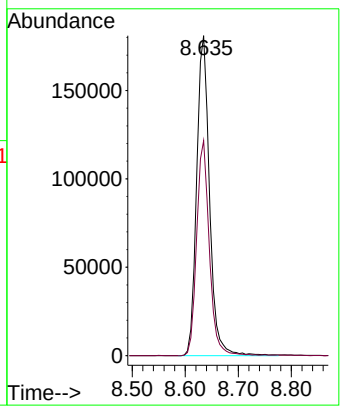


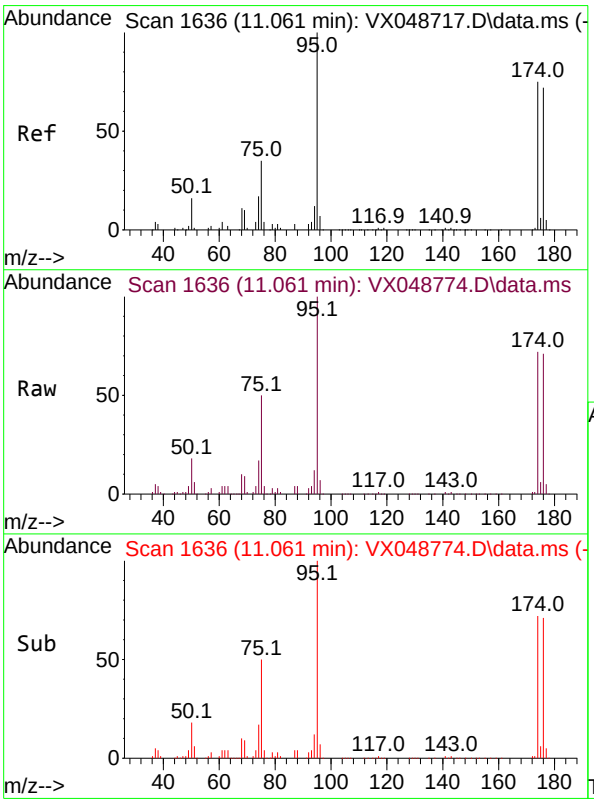
#50
Toluene-d8
Concen: 45.115 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 98 Resp: 304625

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.0

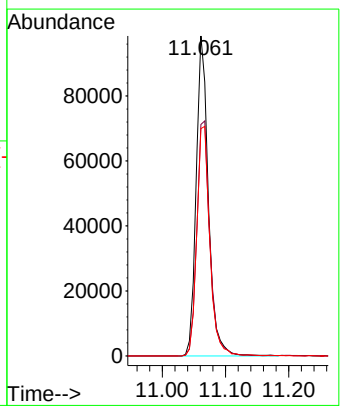


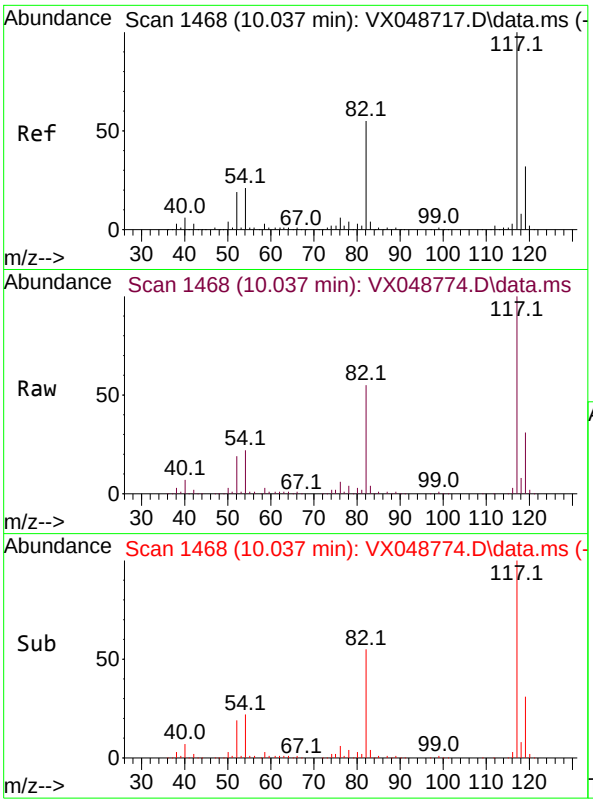


#62
4-Bromofluorobenzene
Concen: 56.437 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 95 Resp: 131405

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	157.8
176	76.7	0.0	154.0



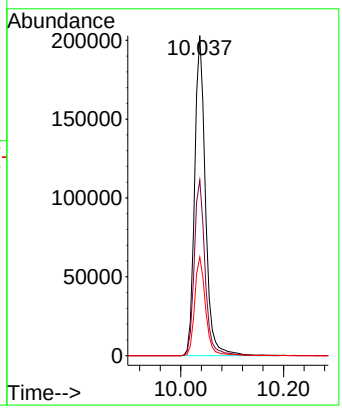


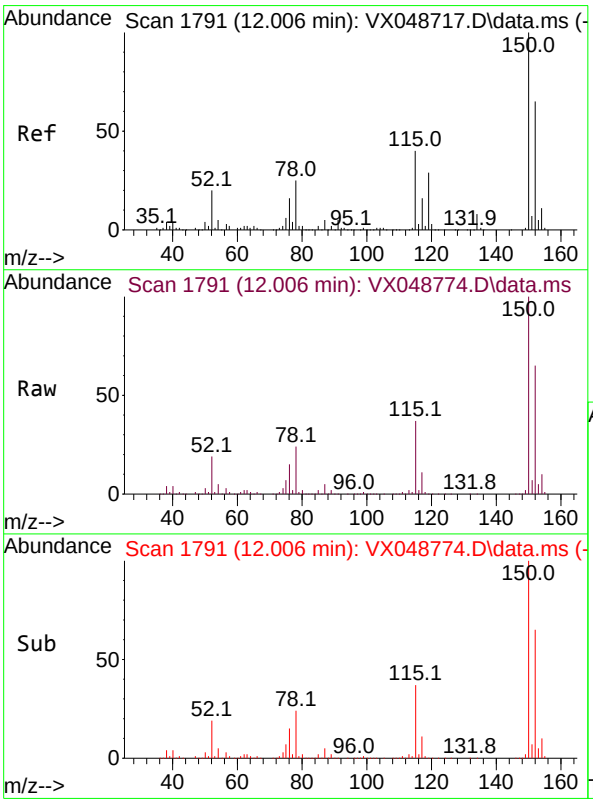
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:117 Resp: 295744

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.1	66.1
119	30.8	25.2	37.8

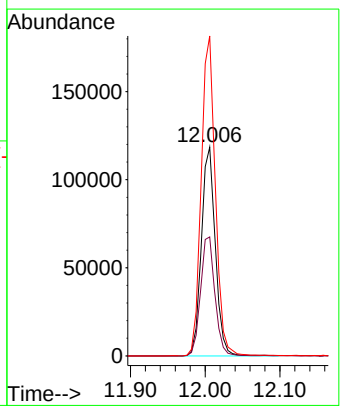




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:152 Resp: 153431

Ion	Ratio	Lower	Upper
152	100		
115	58.8	42.1	126.4
150	155.7	0.0	347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048814.D
Acq On : 10 Dec 2025 16:13
Operator : JC/MD
Sample : Q3788-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Quant Time: Dec 11 00:25:53 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

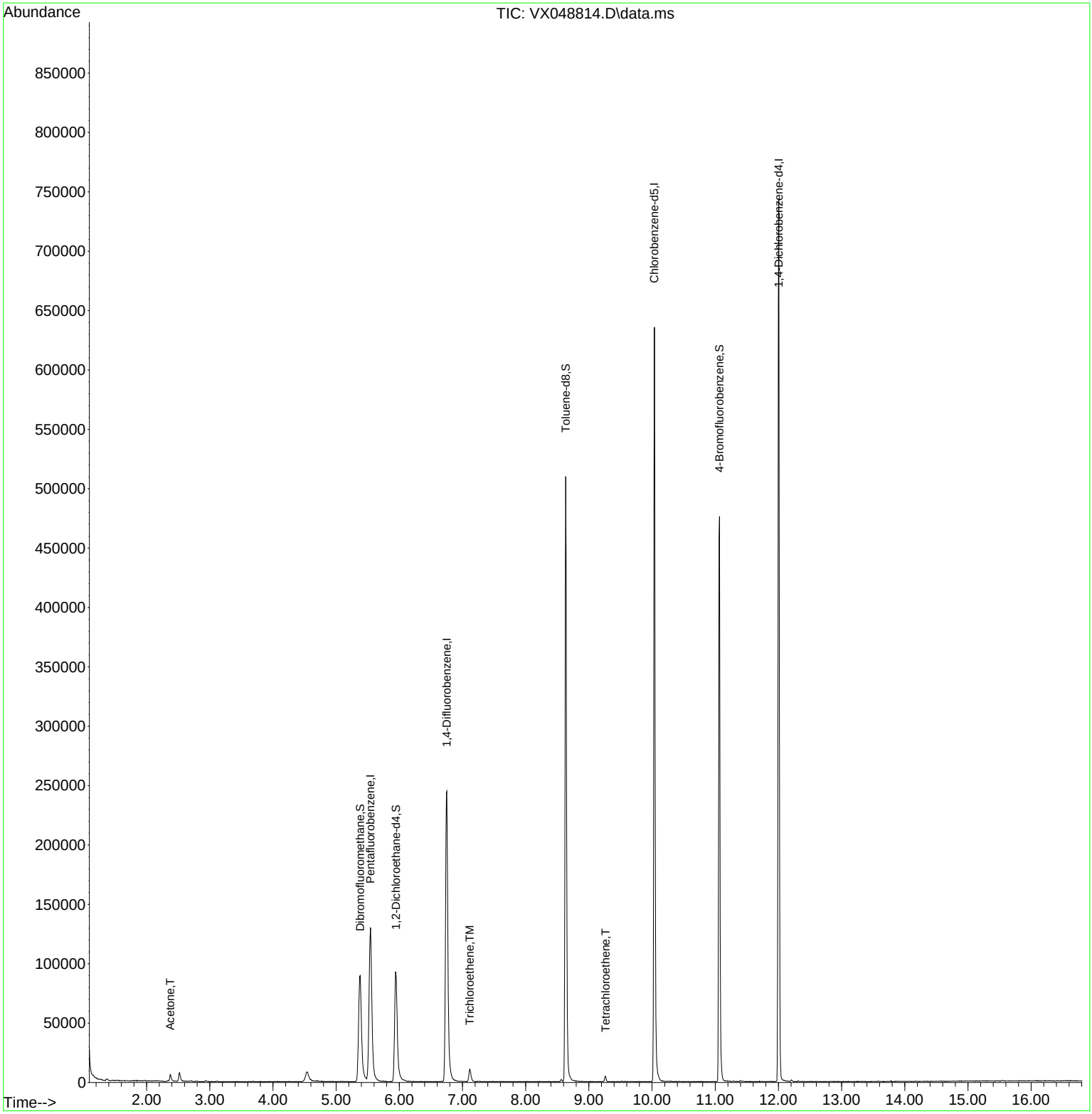
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	134347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103705	57.512	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.020%			
35) Dibromofluoromethane	5.379	113	90521	46.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.360%			
50) Toluene-d8	8.634	98	321038	47.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.460%			
62) 4-Bromofluorobenzene	11.067	95	141576	60.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.800%			
Target Compounds						Qvalue
16) Acetone	2.373	43	7351	10.649	ug/l #	87
44) Trichloroethene	7.116	130	4959	2.414	ug/l	94
64) Tetrachloroethene	9.262	164	1000	0.452	ug/l #	82

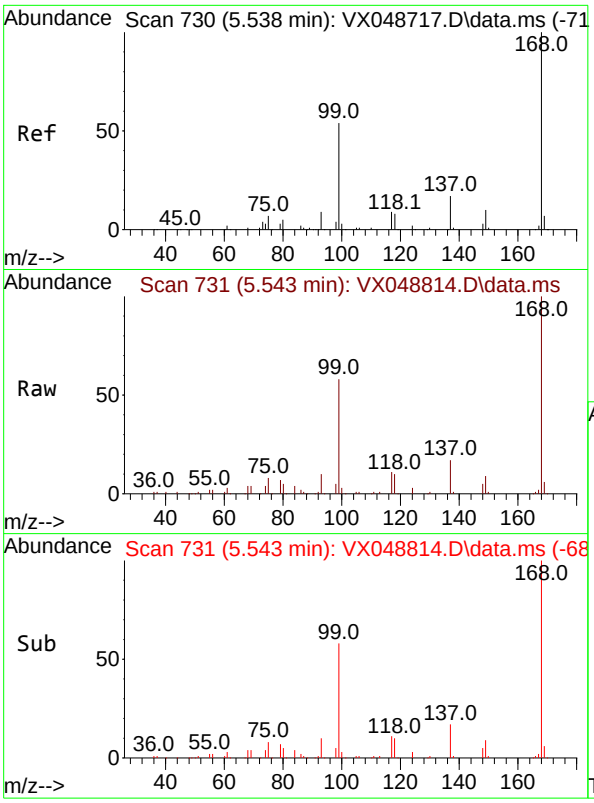
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048814.D
Acq On : 10 Dec 2025 16:13
Operator : JC/MD
Sample : Q3788-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Quant Time: Dec 11 00:25:53 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



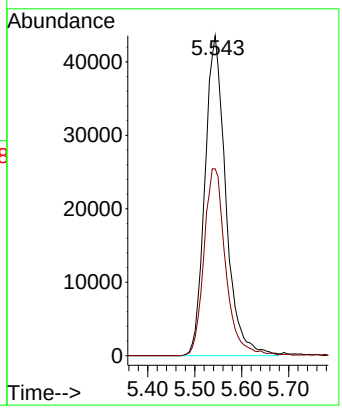


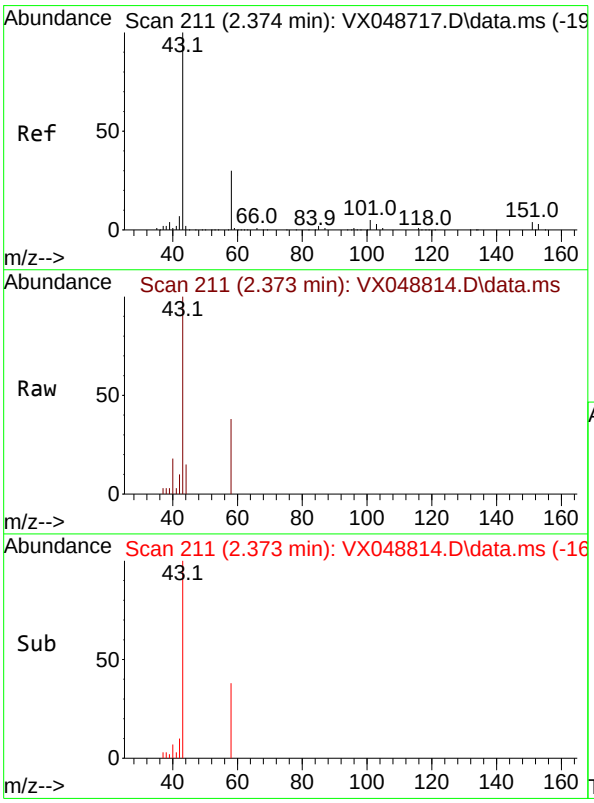
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. 0.005 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:168 Resp: 134347

Ion	Ratio	Lower	Upper
168	100		
99	58.4	44.2	66.4

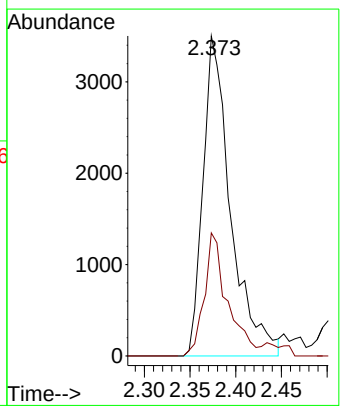


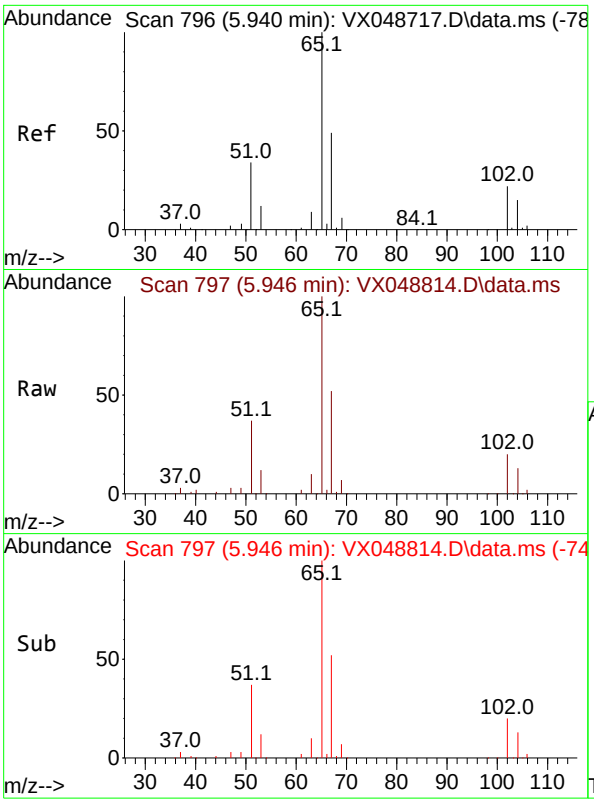


#16
Acetone
Concen: 10.649 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion: 43 Resp: 7351

Ion	Ratio	Lower	Upper
43	100		
58	38.4	25.0	37.4#



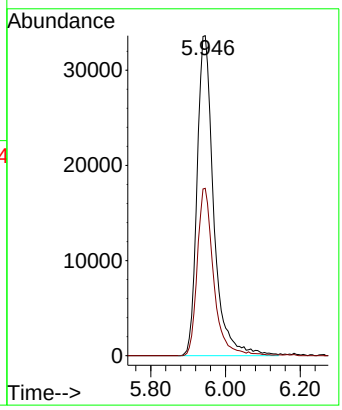


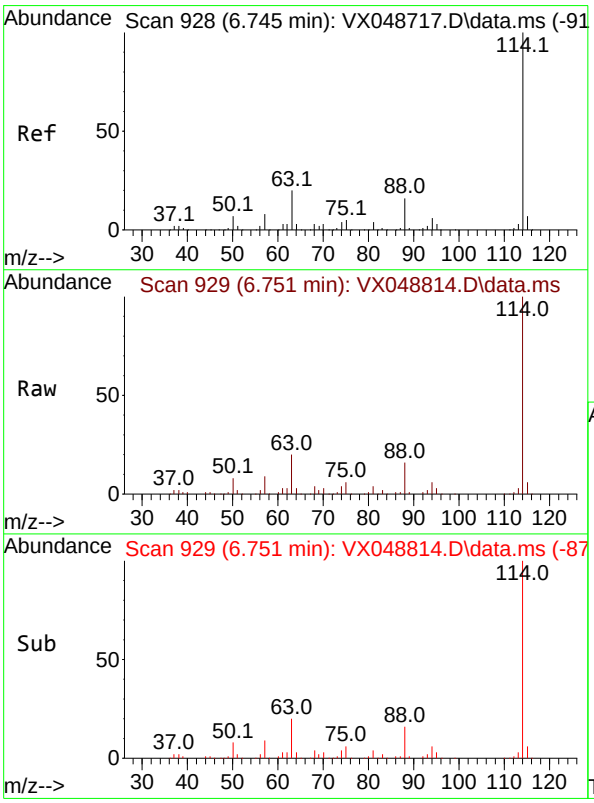
#33
1,2-Dichloroethane-d4
Concen: 57.512 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion: 65 Resp: 103705

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	107.4

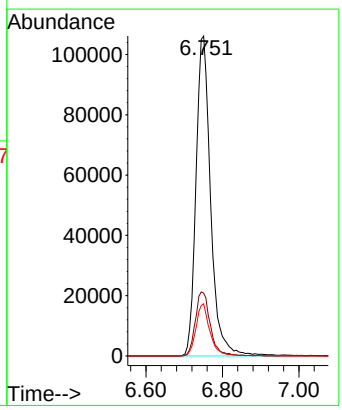


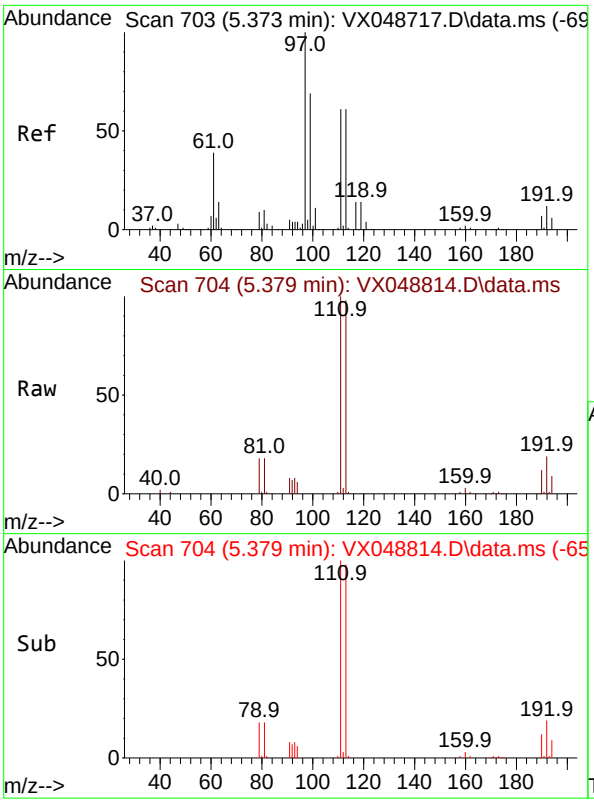


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion:114 Resp: 281654

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	16.3	0.0	31.8



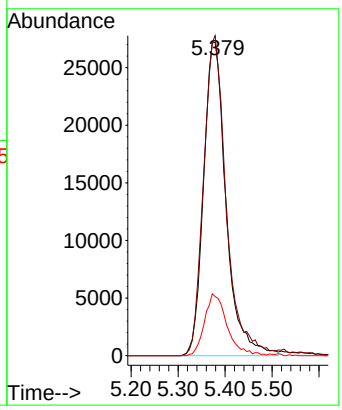


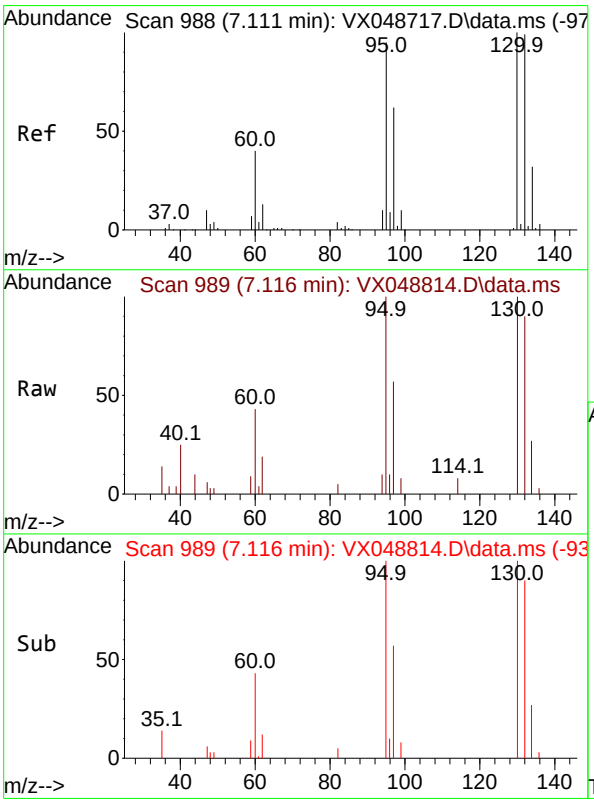
#35
Dibromofluoromethane
Concen: 46.677 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:113 Resp: 90521

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.5	119.3
192	19.7	16.1	24.1

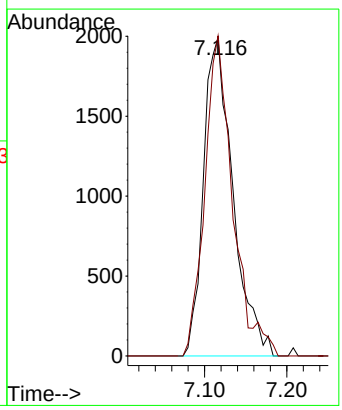


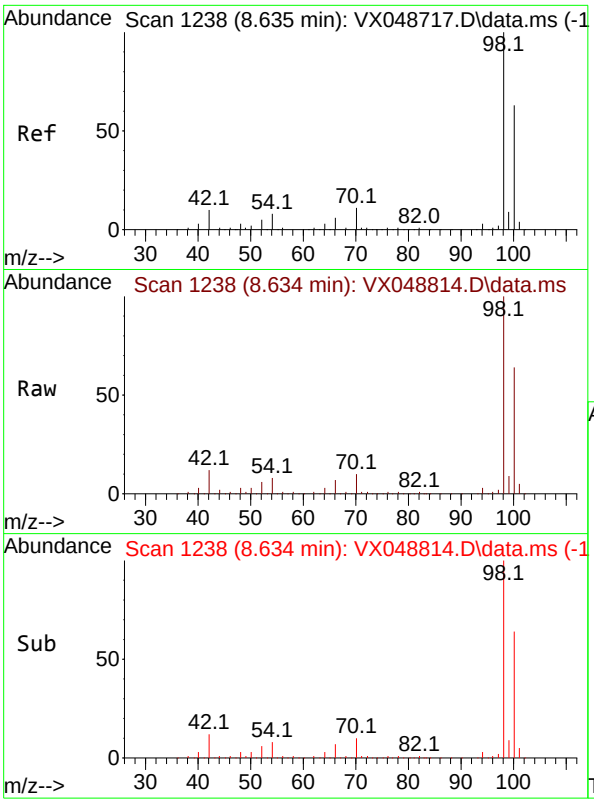


#44
Trichloroethene
Concen: 2.414 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion:130 Resp: 4959

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	189.6



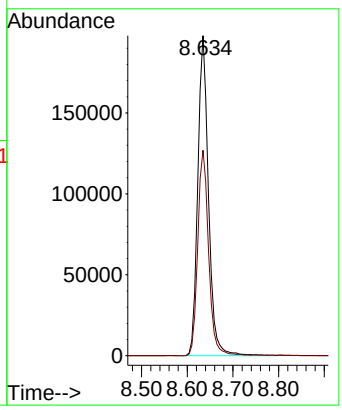


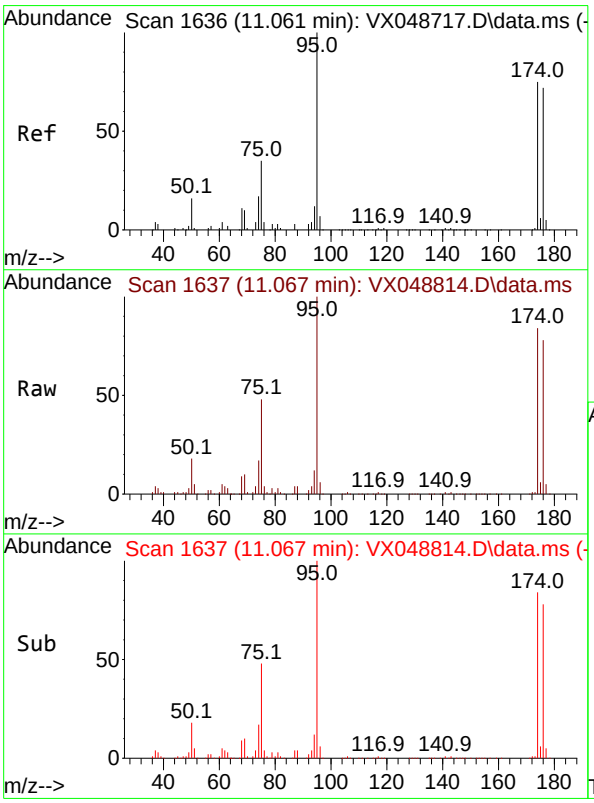
#50
Toluene-d8
Concen: 47.226 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion: 98 Resp: 321038

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.4	80.0

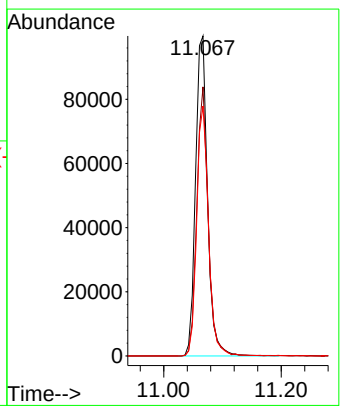


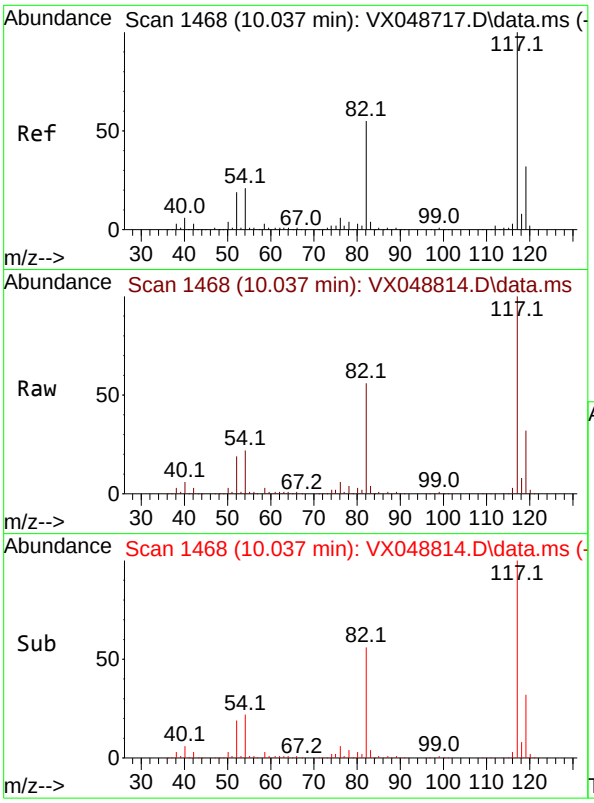


#62
4-Bromofluorobenzene
Concen: 60.396 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion: 95 Resp: 141576

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	157.8
176	77.2	0.0	154.0



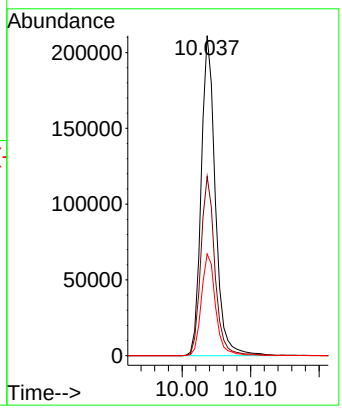


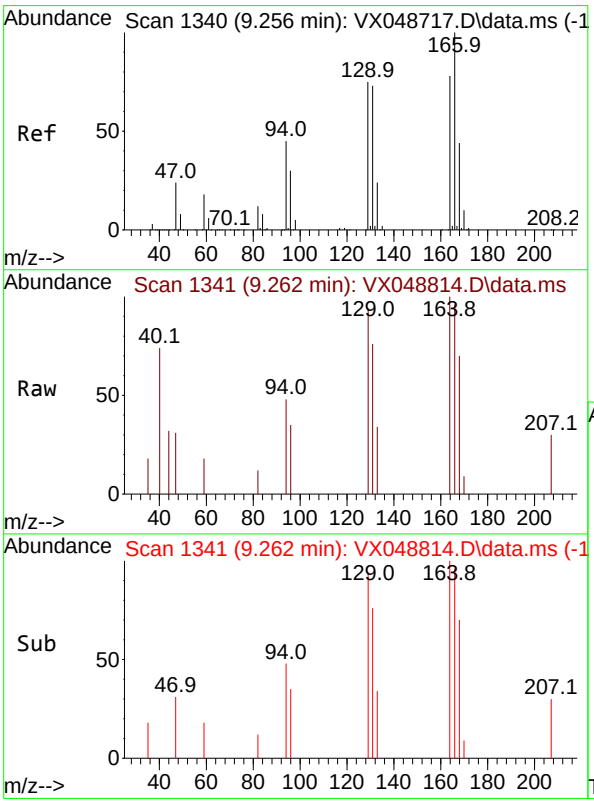
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:117 Resp: 303661

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.1	66.1
119	31.8	25.2	37.8

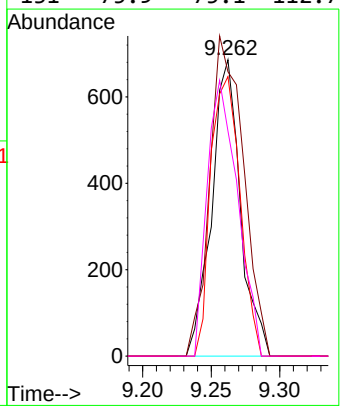


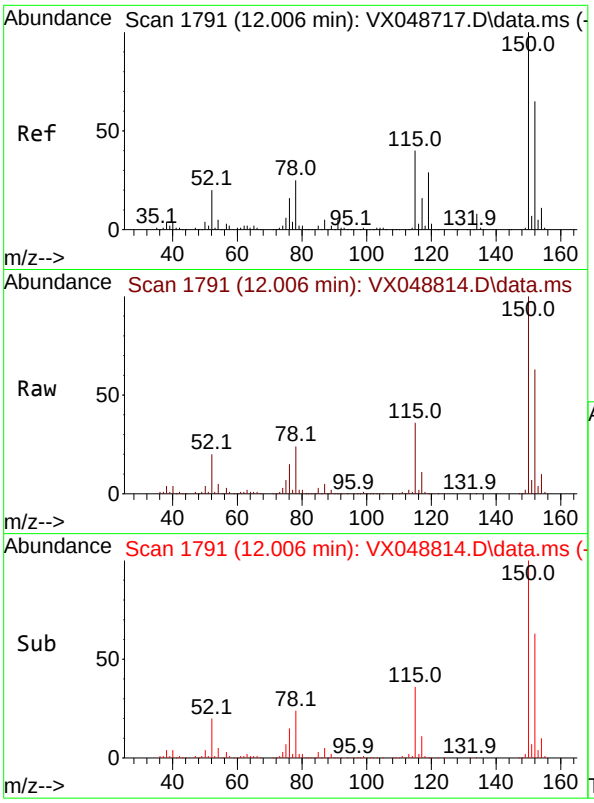


#64
Tetrachloroethene
Concen: 0.452 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion:164 Resp: 1000

Ion	Ratio	Lower	Upper
164	100		
166	95.9	103.1	154.7#
129	94.3	76.9	115.3
131	75.9	75.1	112.7



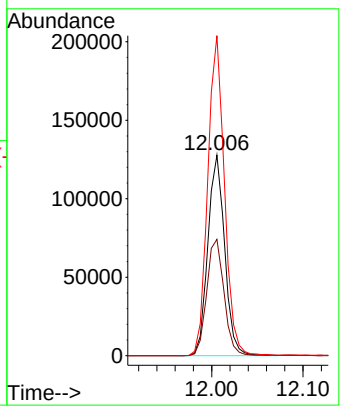


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:152 Resp: 163248

Ion	Ratio	Lower	Upper
152	100		
115	59.9	42.1	126.4
150	158.2	0.0	347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048761.D
Acq On : 08 Dec 2025 17:21
Operator : JC/MD
Sample : Q3788-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Quant Time: Dec 09 04:13:47 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

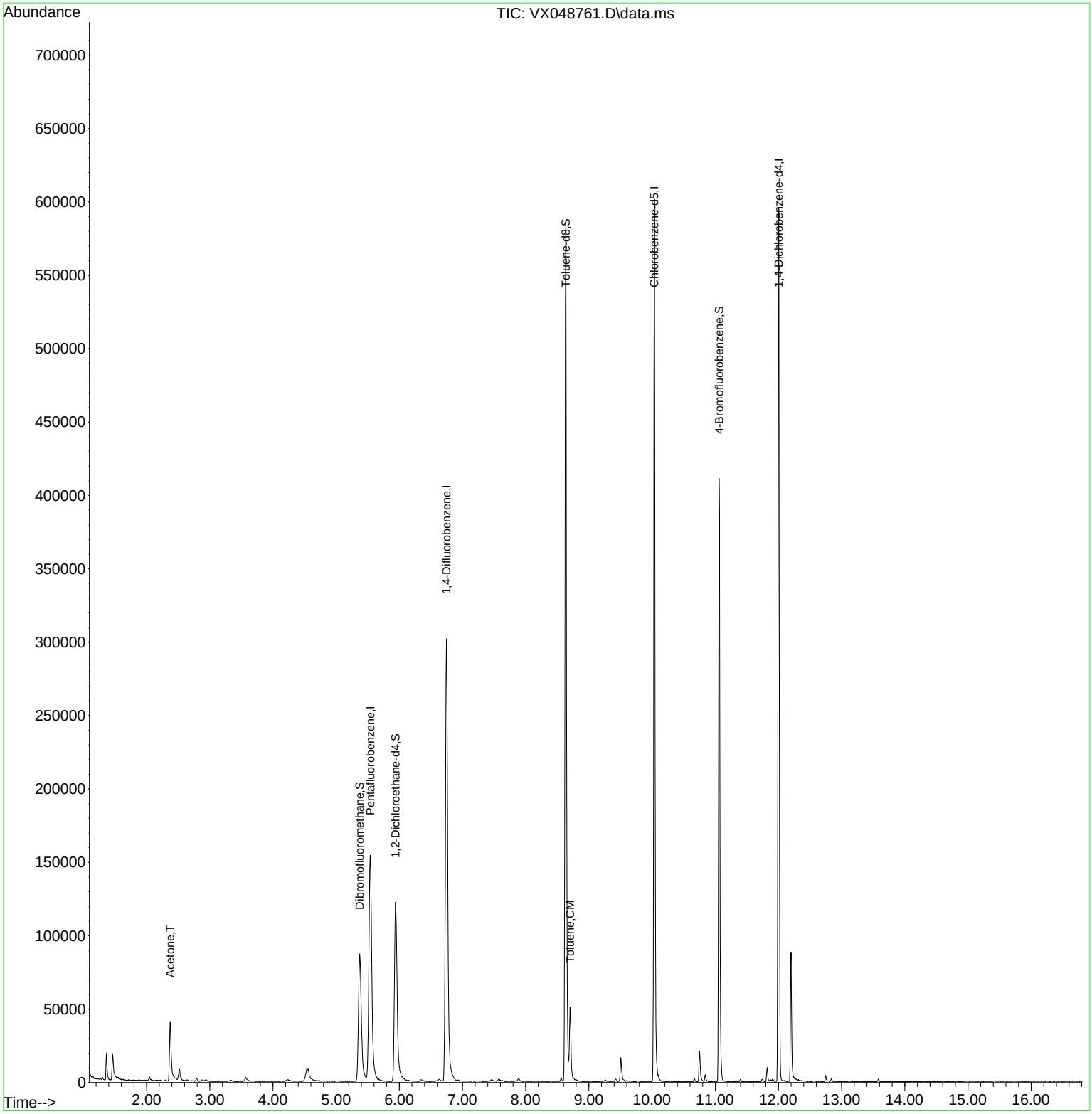
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	158795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136681	64.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 128.260%#			
35) Dibromofluoromethane	5.373	113	85386	37.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.340%#			
50) Toluene-d8	8.634	98	360181	44.734	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.460%#			
62) 4-Bromofluorobenzene	11.061	95	108254	38.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.980%#			
Target Compounds						Qvalue
16) Acetone	2.373	43	54679	67.016	ug/l	99
52) Toluene	8.702	92	18766	3.337	ug/l	98

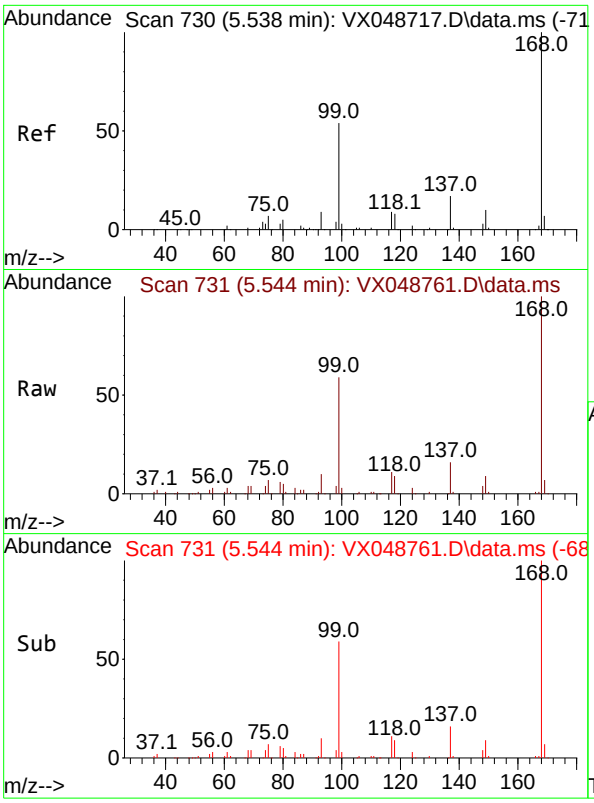
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048761.D
Acq On : 08 Dec 2025 17:21
Operator : JC/MD
Sample : Q3788-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Quant Time: Dec 09 04:13:47 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



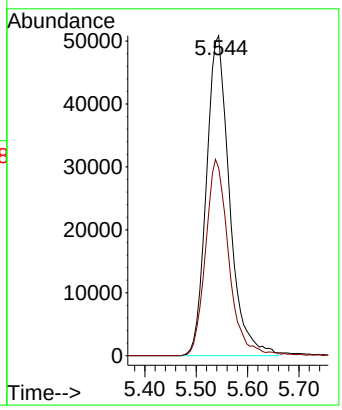


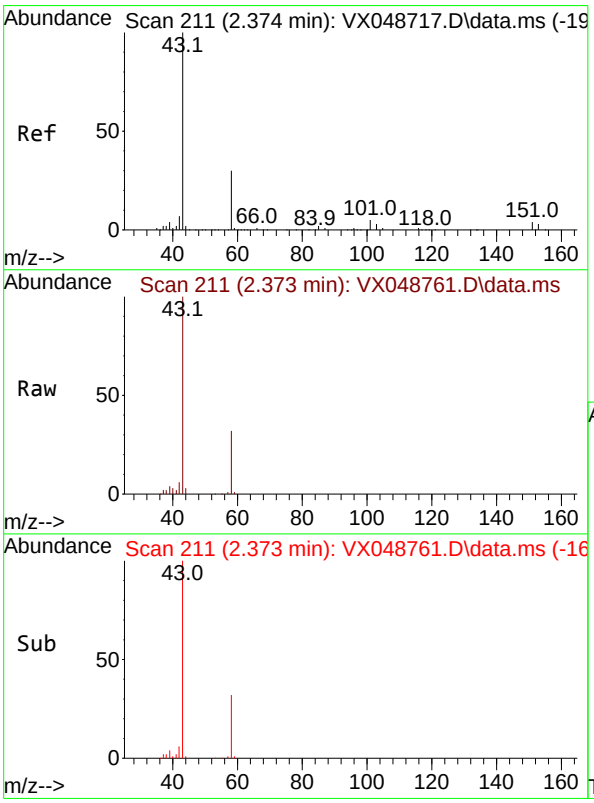
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:168 Resp: 158795

Ion	Ratio	Lower	Upper
168	100		
99	58.7	44.2	66.4

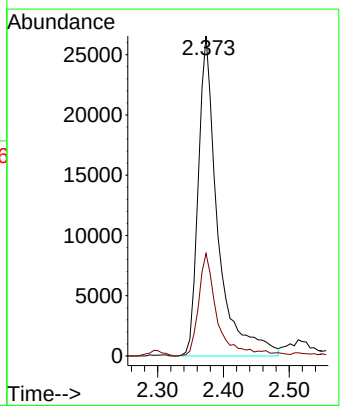


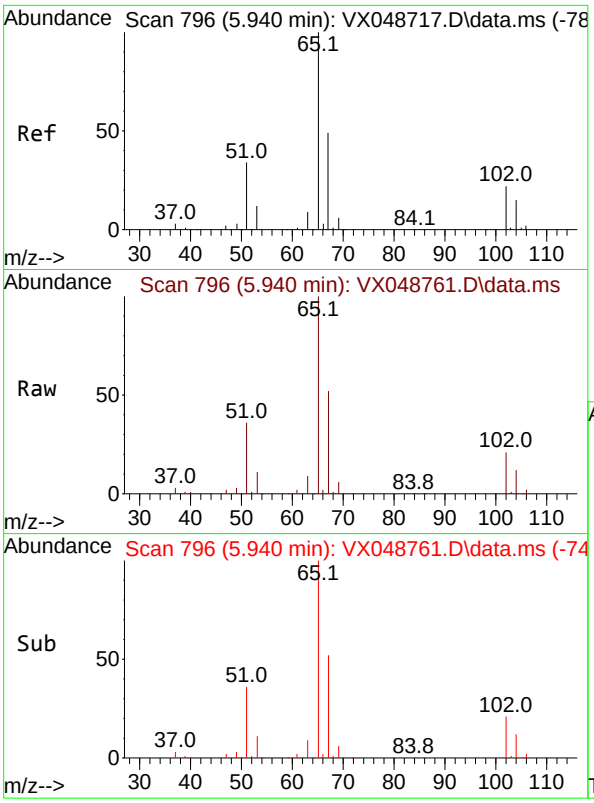


#16
Acetone
Concen: 67.016 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 43 Resp: 54679

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.0	37.4



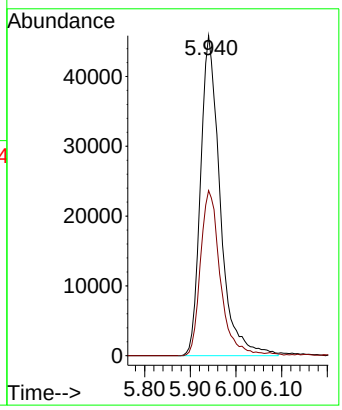


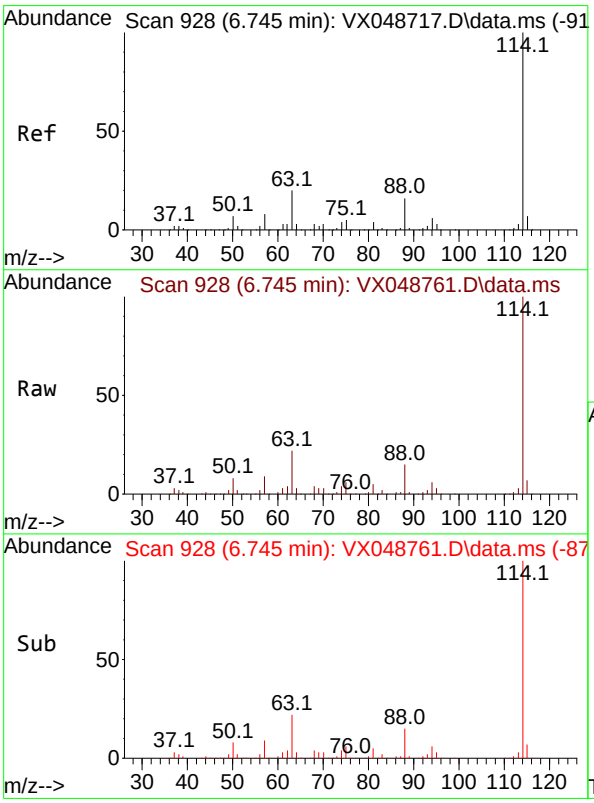
#33
1,2-Dichloroethane-d4
Concen: 64.130 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 65 Resp: 136681

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.4

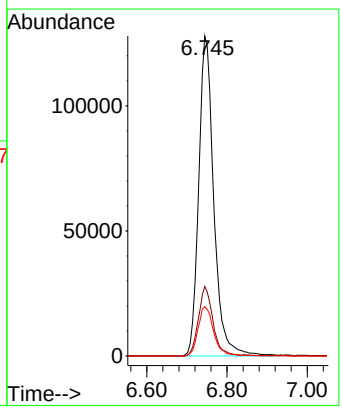


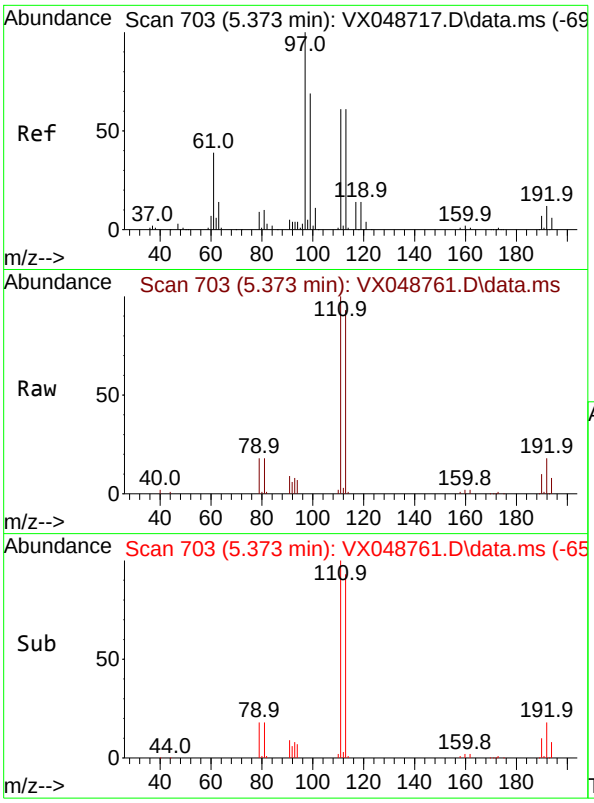


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:114 Resp: 333603

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.0
88	15.4	0.0	31.8



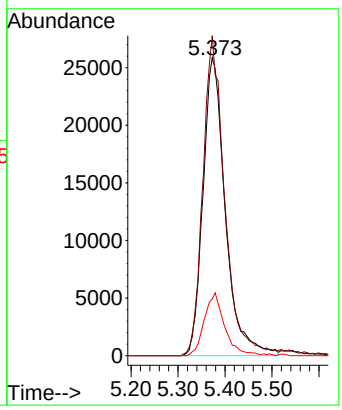


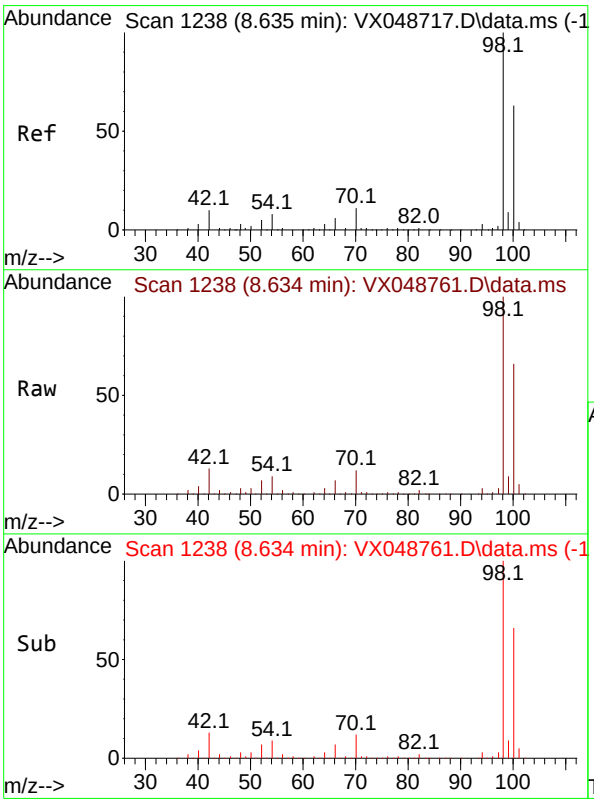
#35
Dibromofluoromethane
Concen: 37.173 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:113 Resp: 85386

Ion	Ratio	Lower	Upper
113	100		
111	104.5	79.5	119.3
192	19.2	16.1	24.1

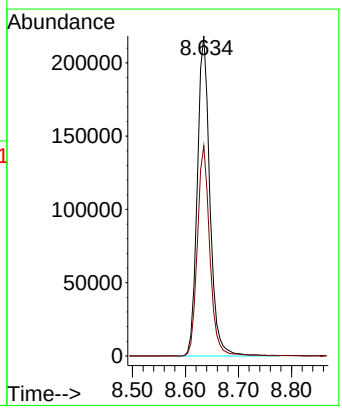


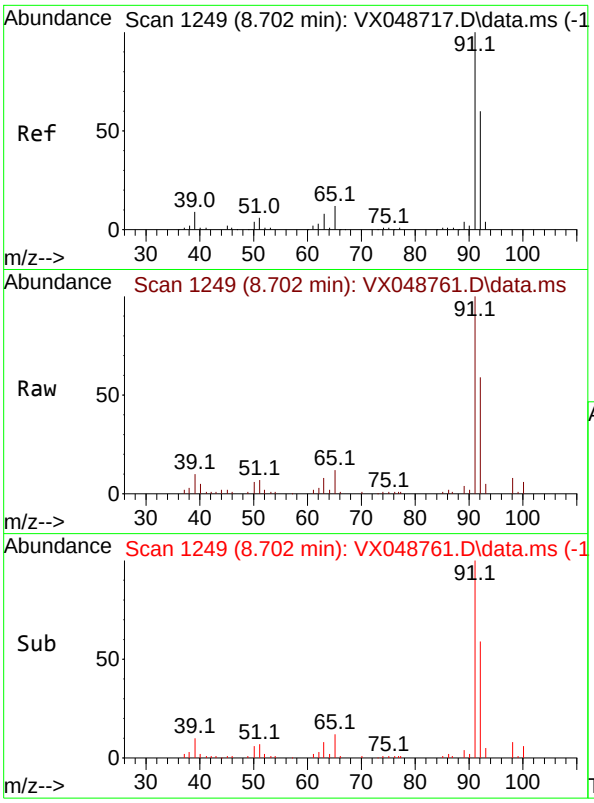


#50
Toluene-d8
Concen: 44.734 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 98 Resp: 360181

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.4	80.0



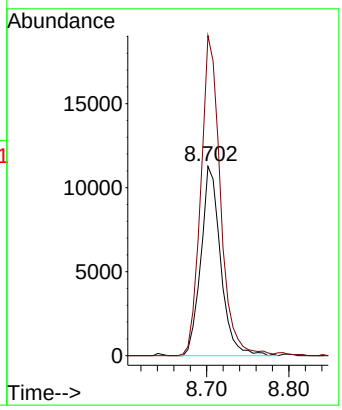


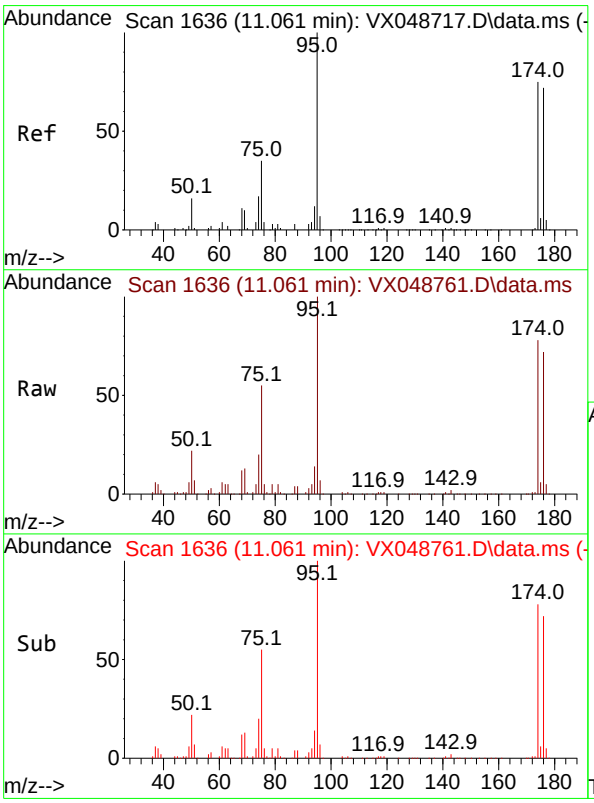
#52
Toluene
Concen: 3.337 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 92 Resp: 18766

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.3	204.5

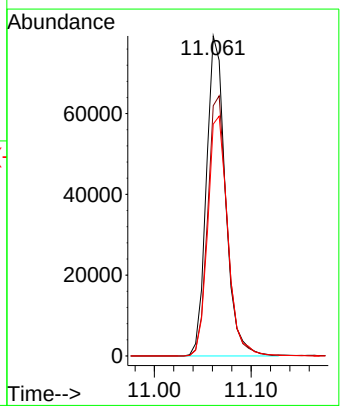


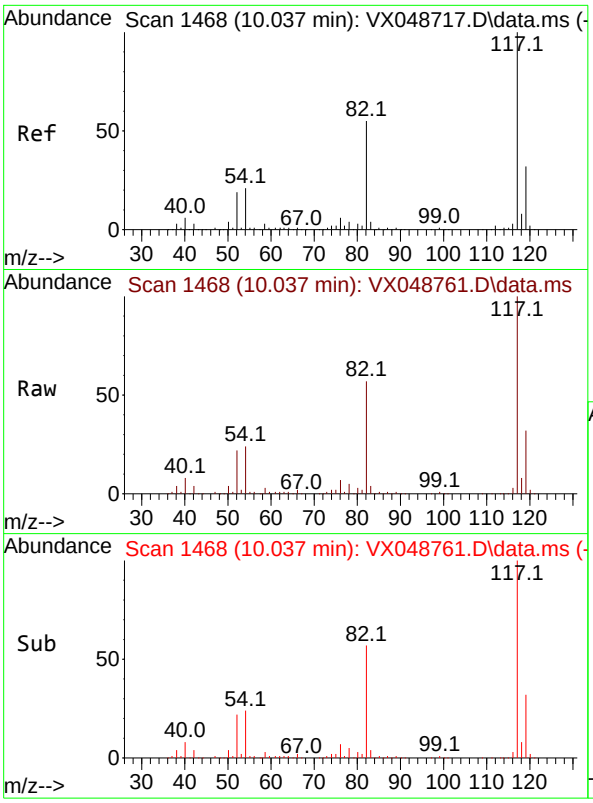


#62
4-Bromofluorobenzene
Concen: 38.990 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 95 Resp: 108254

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	157.8
176	79.1	0.0	154.0



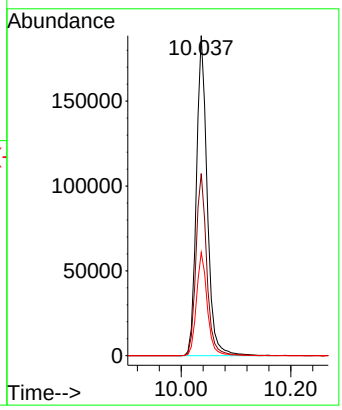


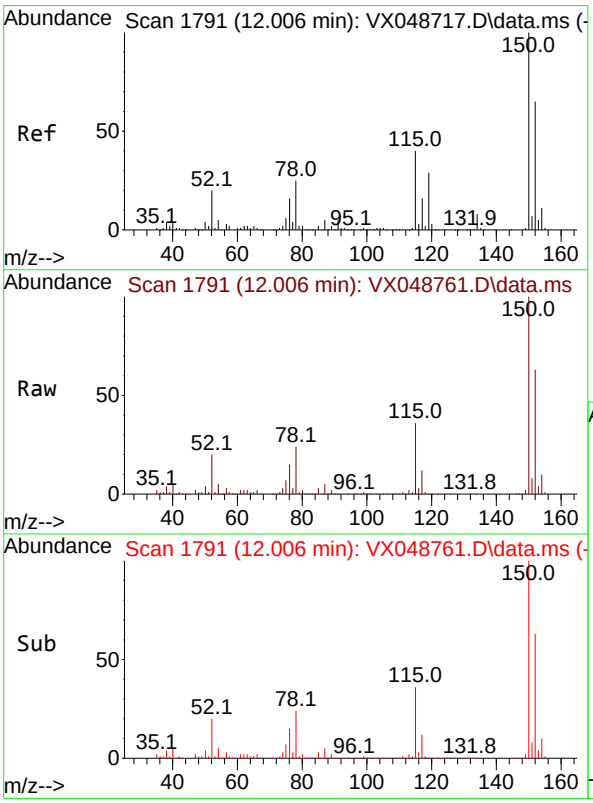
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:117 Resp: 259658

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.1	66.1
119	32.2	25.2	37.8

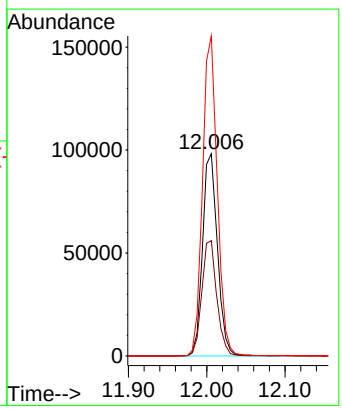




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:152 Resp: 129696

Ion	Ratio	Lower	Upper
152	100		
115	57.5	42.1	126.4
150	156.2	0.0	347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048815.D
Acq On : 10 Dec 2025 16:34
Operator : JC/MD
Sample : Q3788-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Quant Time: Dec 11 00:26:16 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

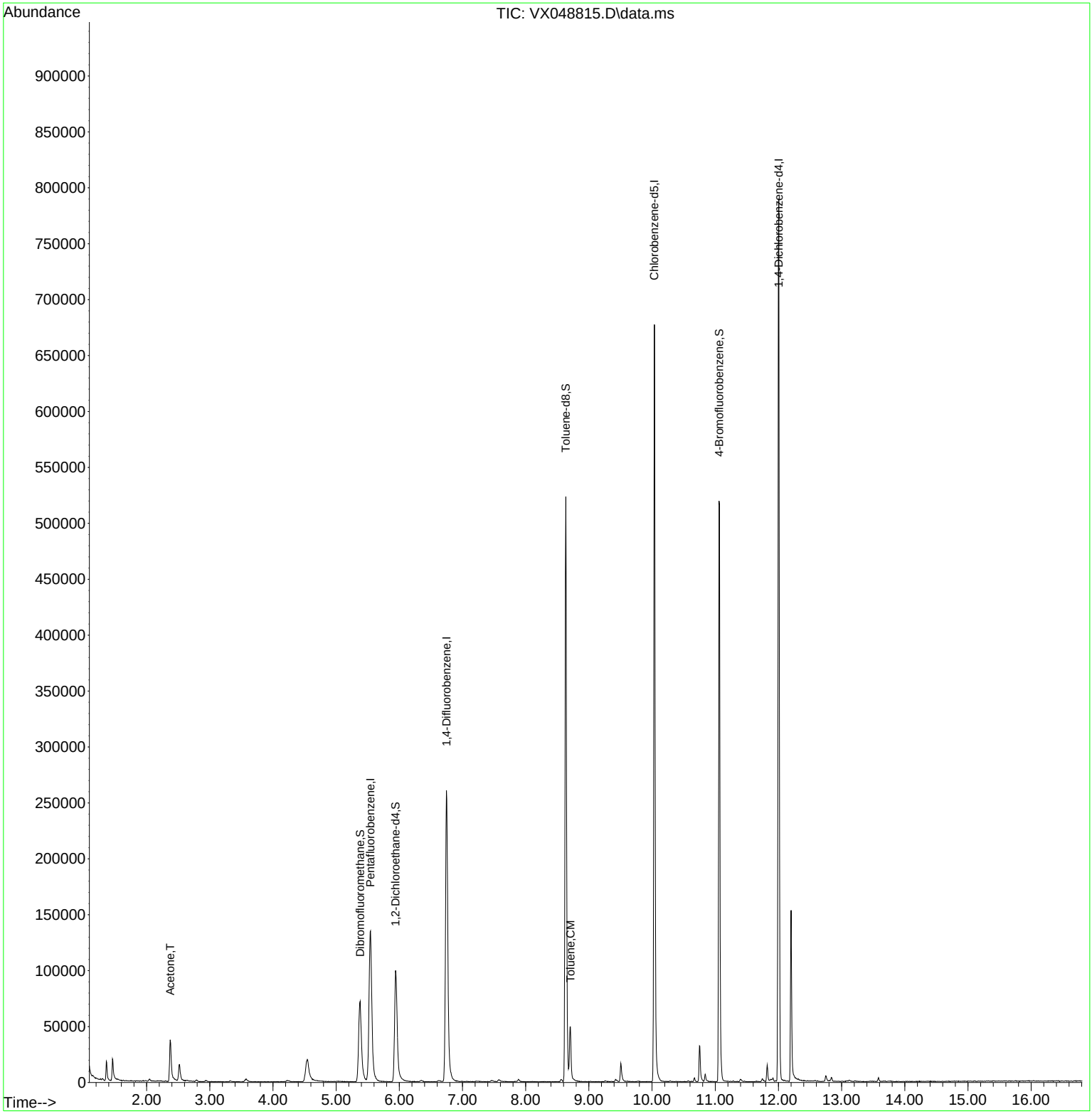
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	141844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	294856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	176216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109464	57.497	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.000%			
35) Dibromofluoromethane	5.379	113	72006	35.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 70.940%#			
50) Toluene-d8	8.635	98	333543	46.869	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.740%			
62) 4-Bromofluorobenzene	11.061	95	150896	61.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.980%			
Target Compounds						Qvalue
16) Acetone	2.373	43	50972	69.938	ug/l	100
52) Toluene	8.708	92	19617	3.947	ug/l	100

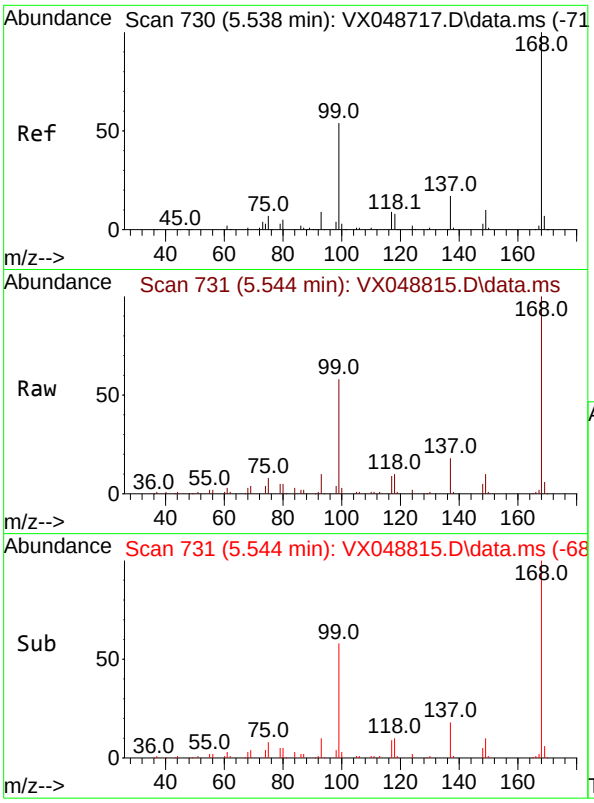
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048815.D
Acq On : 10 Dec 2025 16:34
Operator : JC/MD
Sample : Q3788-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Quant Time: Dec 11 00:26:16 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



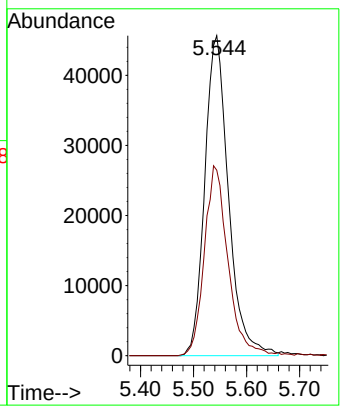


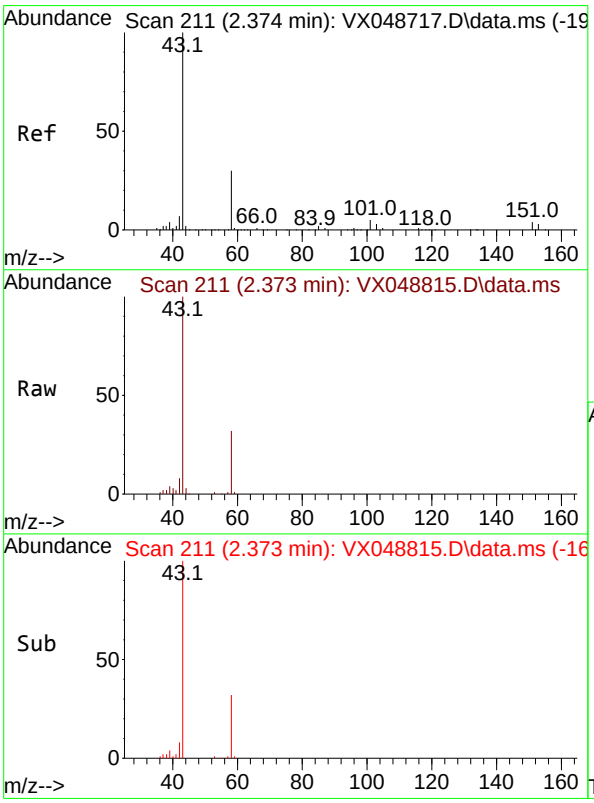
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion:168 Resp: 141844

Ion	Ratio	Lower	Upper
168	100		
99	58.0	44.2	66.4

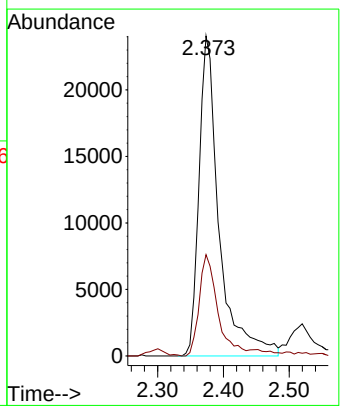


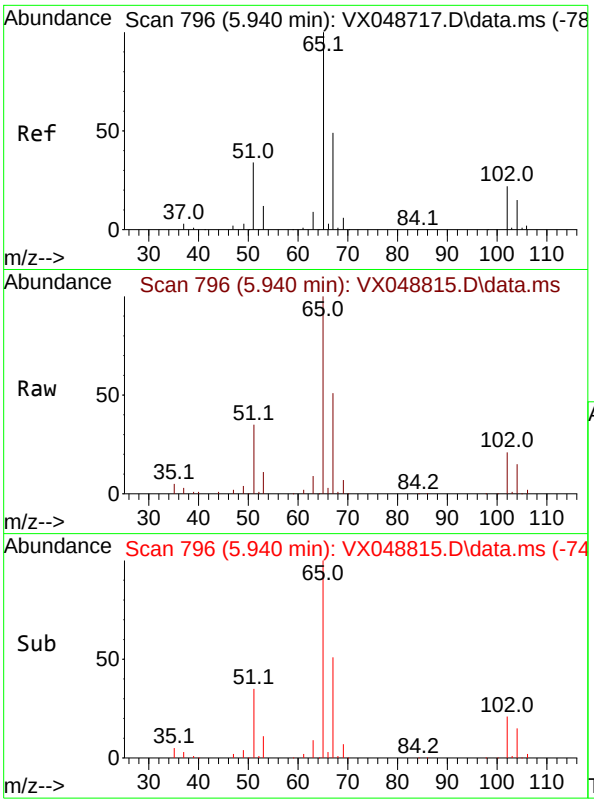


#16
Acetone
Concen: 69.938 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 43 Resp: 50972

Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.0	37.4



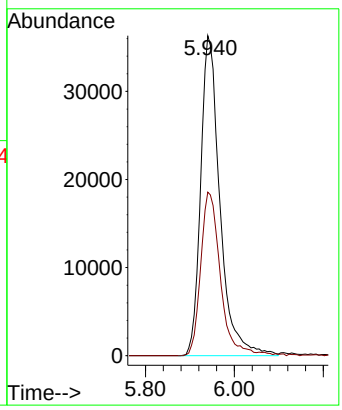


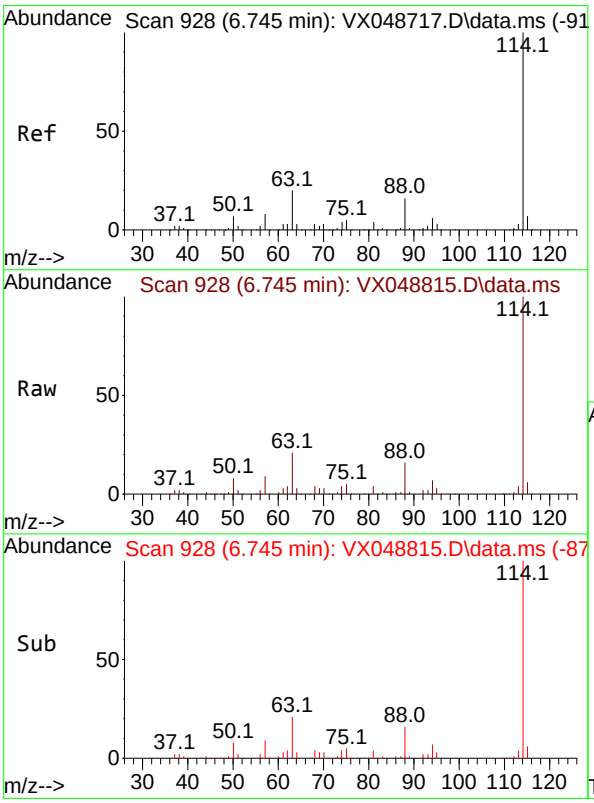
#33
1,2-Dichloroethane-d4
Concen: 57.497 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion: 65 Resp: 109464

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.4

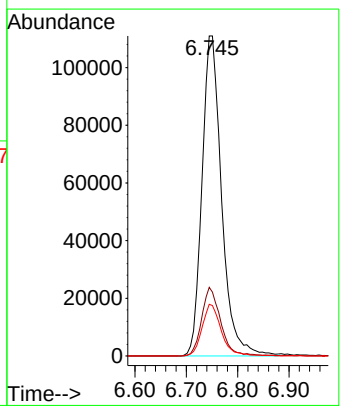


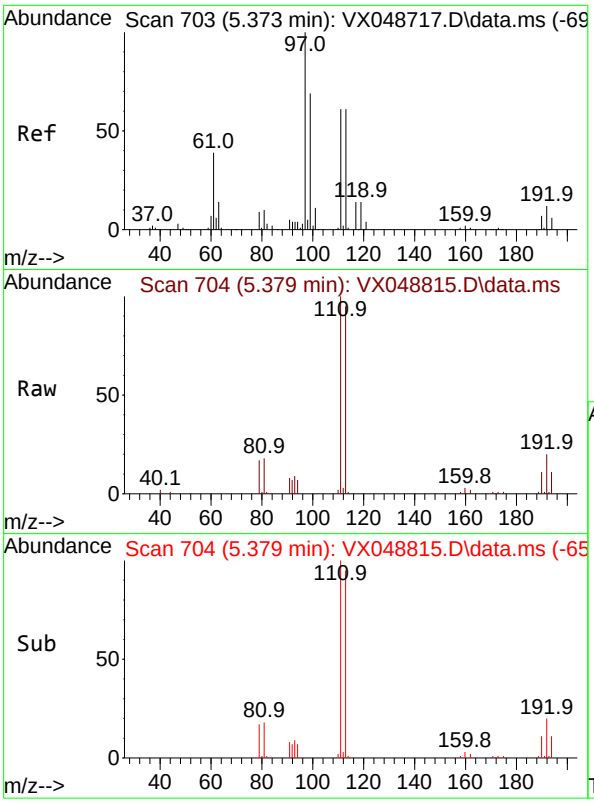


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion:114 Resp: 294856

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	39.0
88	16.1	0.0	31.8



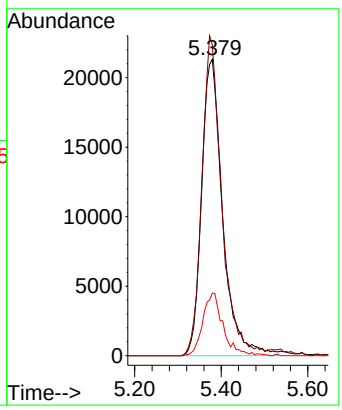


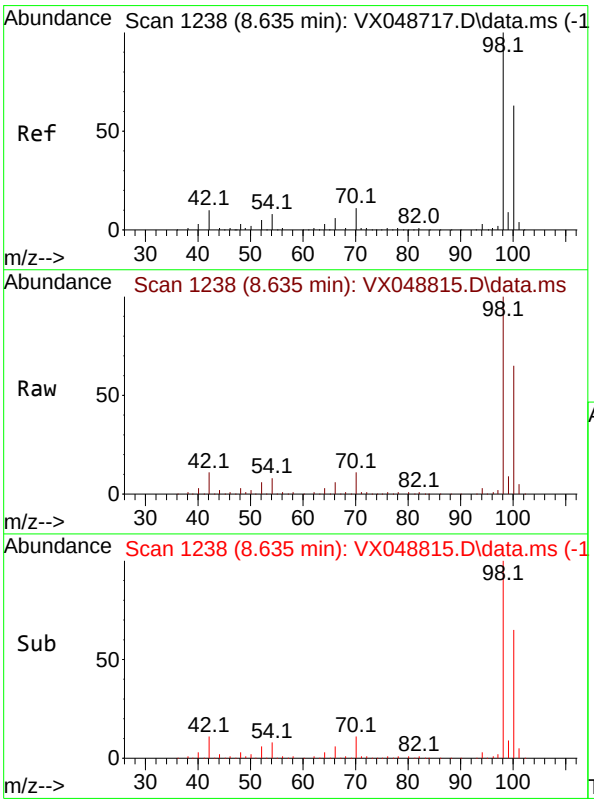
#35
Dibromofluoromethane
Concen: 35.467 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion:113 Resp: 72006

Ion	Ratio	Lower	Upper
113	100		
111	100.6	79.5	119.3
192	20.4	16.1	24.1

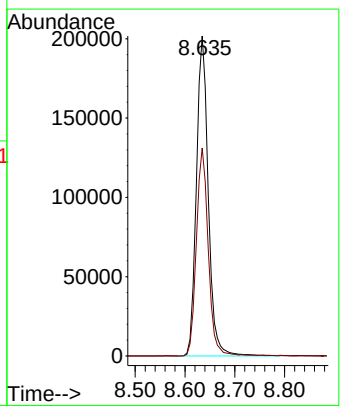


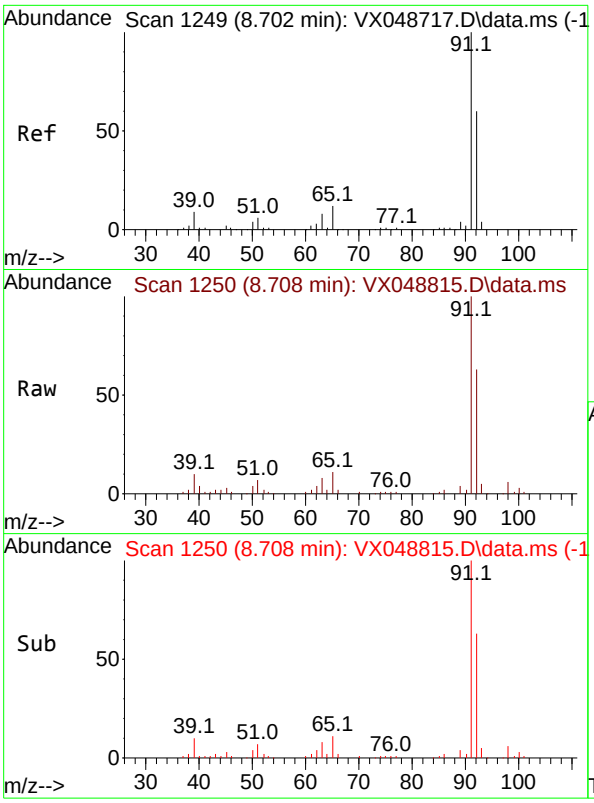


#50
Toluene-d8
Concen: 46.869 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 98 Resp: 333543

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.4	80.0



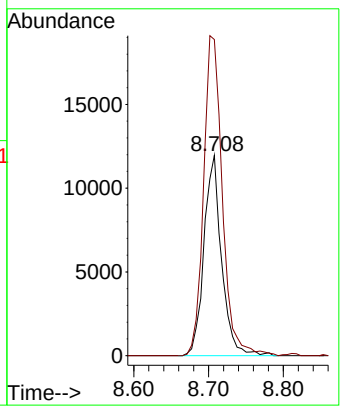


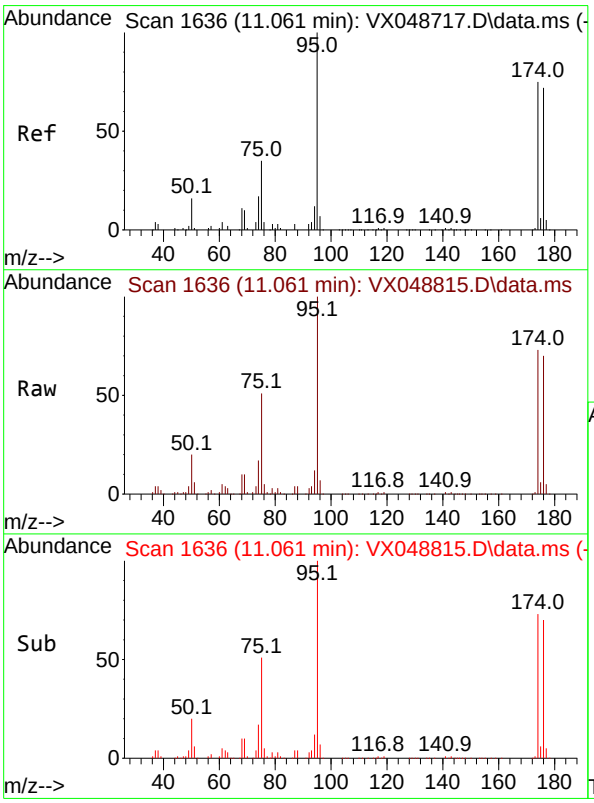
#52
Toluene
Concen: 3.947 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion: 92 Resp: 19617

Ion	Ratio	Lower	Upper
92	100		
91	169.8	136.3	204.5

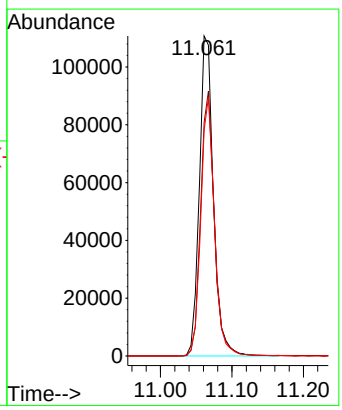


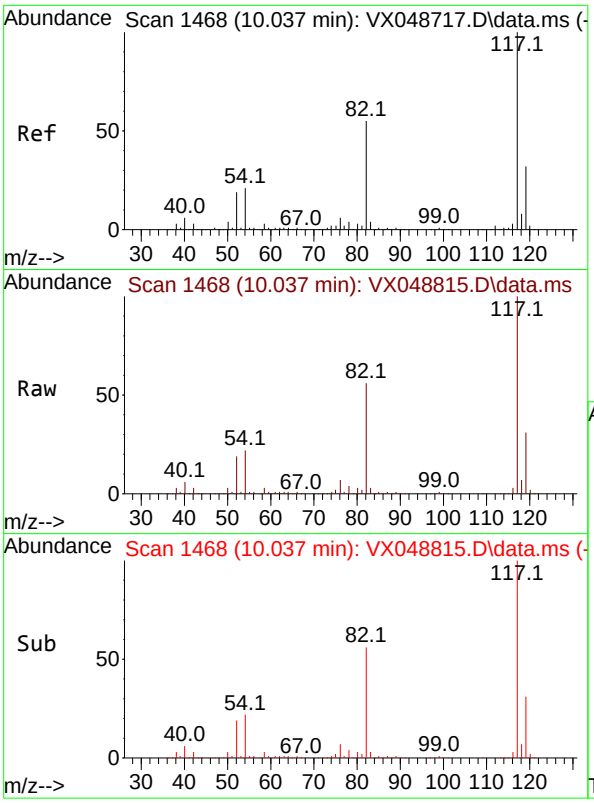


#62
4-Bromofluorobenzene
Concen: 61.490 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 95 Resp: 150896

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	157.8
176	78.5	0.0	154.0



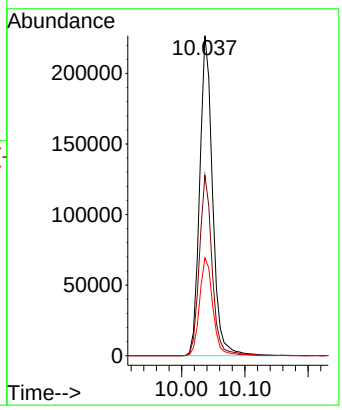


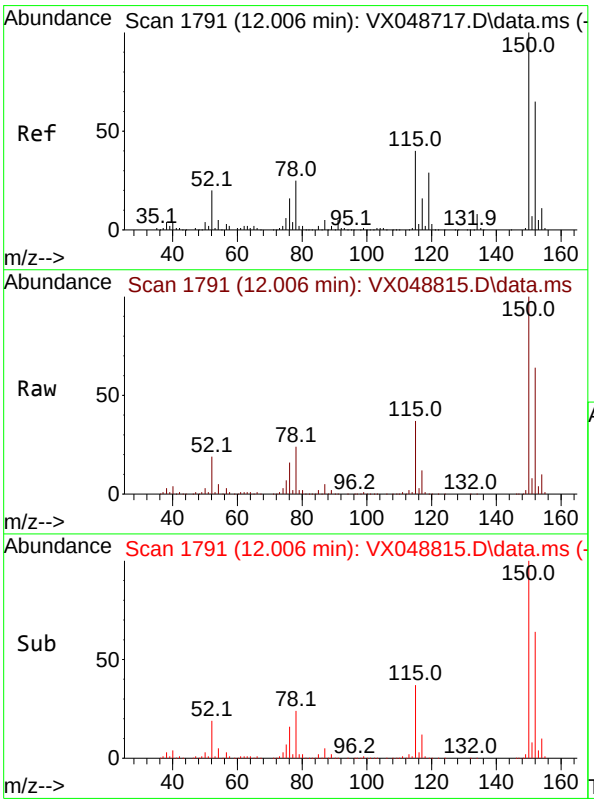
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion:117 Resp: 321925

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.1	66.1
119	30.5	25.2	37.8

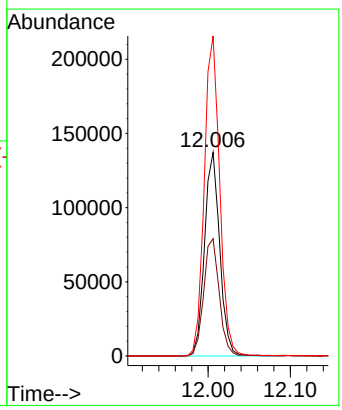




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion:152 Resp: 176216

Ion	Ratio	Lower	Upper
152	100		
115	59.1	42.1	126.4
150	159.6	0.0	347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048762.D
Acq On : 08 Dec 2025 17:41
Operator : JC/MD
Sample : Q3788-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Quant Time: Dec 09 04:14:11 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

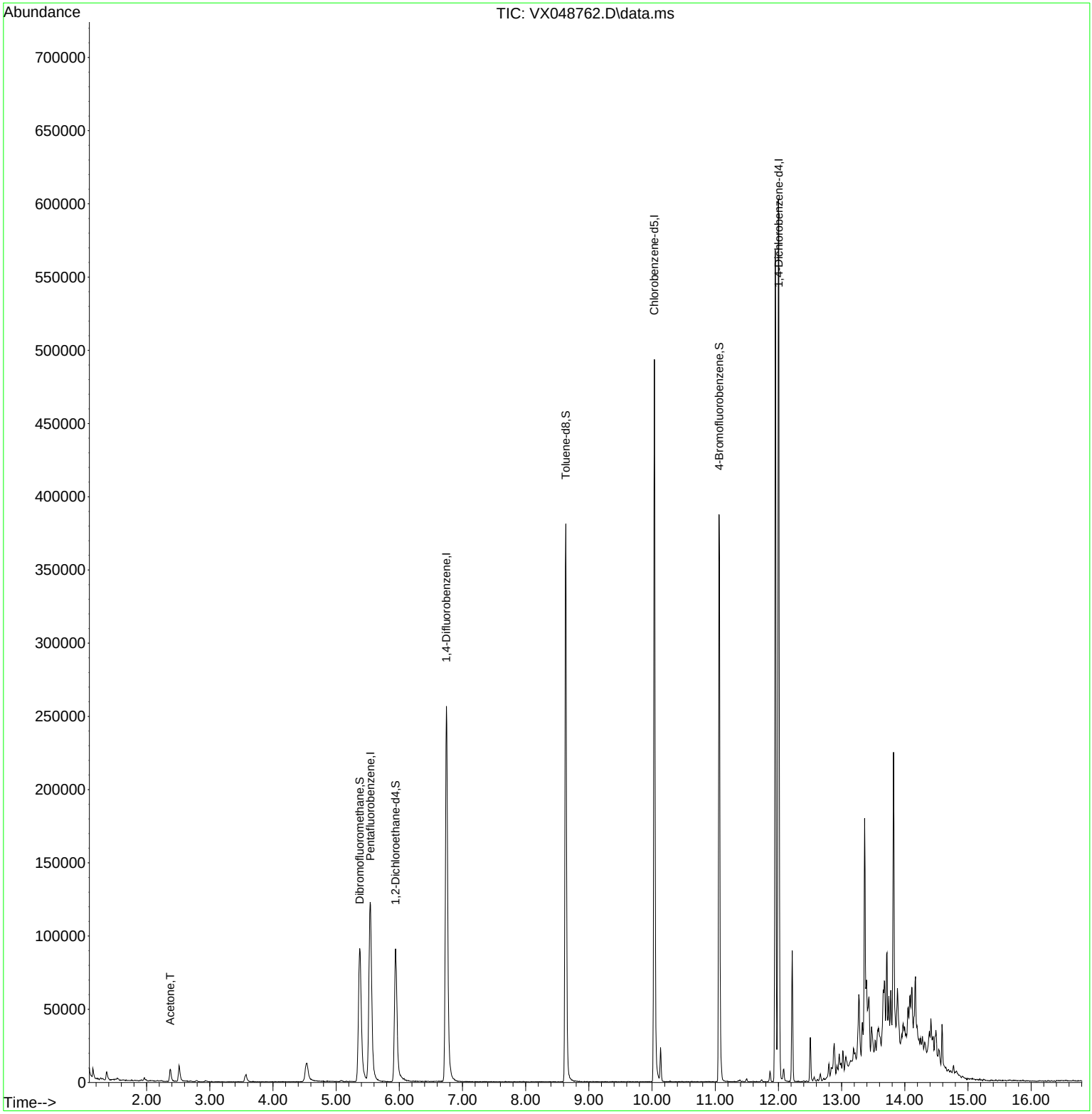
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	123961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	277457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98874	59.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.860%#			
35) Dibromofluoromethane	5.373	113	90194	47.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.420%			
50) Toluene-d8	8.635	98	238014	35.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 71.080%#			
62) 4-Bromofluorobenzene	11.061	95	101242	43.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.680%			
Target Compounds						Qvalue
16) Acetone	2.374	43	11034	17.324	ug/l	99

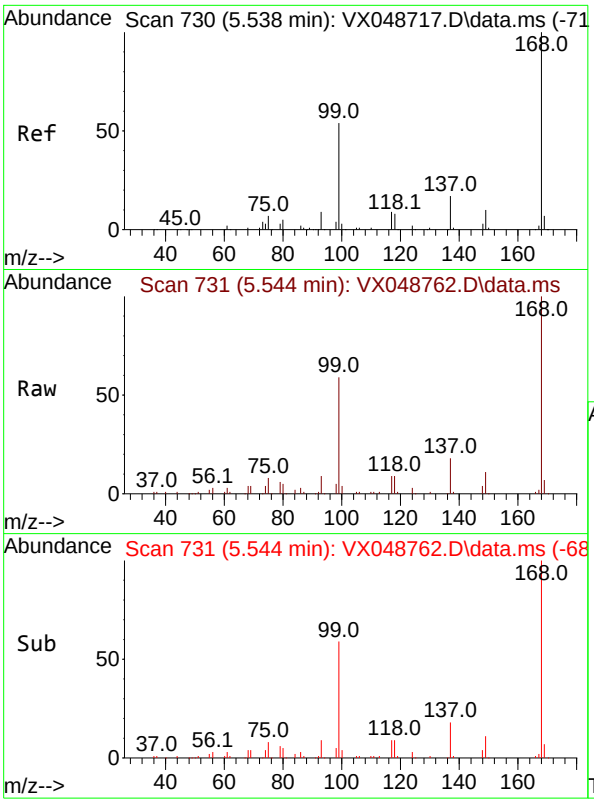
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048762.D
Acq On : 08 Dec 2025 17:41
Operator : JC/MD
Sample : Q3788-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Quant Time: Dec 09 04:14:11 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



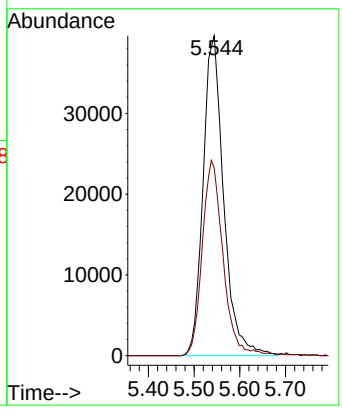


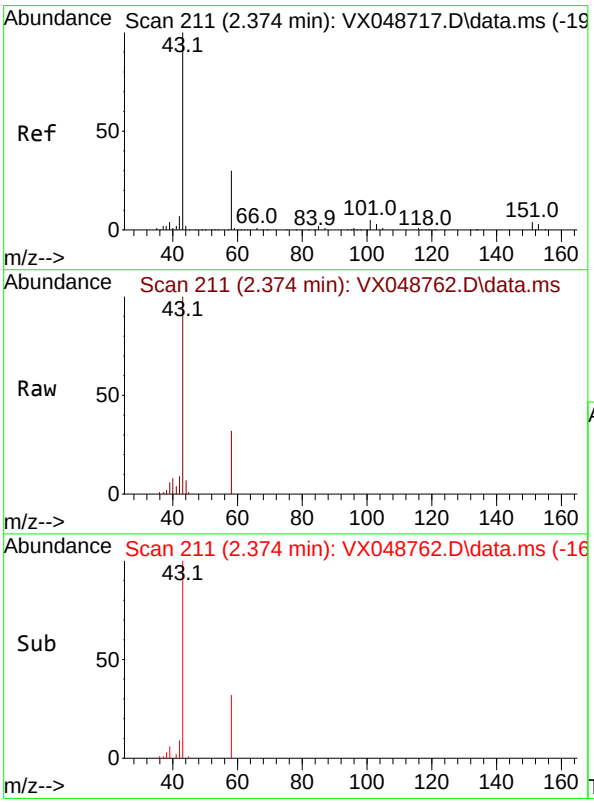
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:168 Resp: 123961

Ion	Ratio	Lower	Upper
168	100		
99	58.6	44.2	66.4

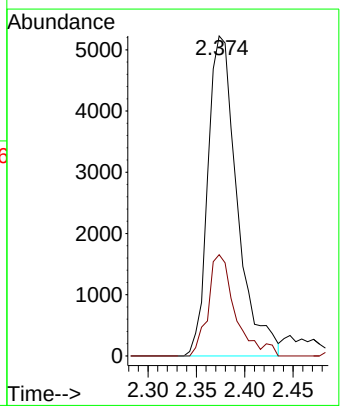


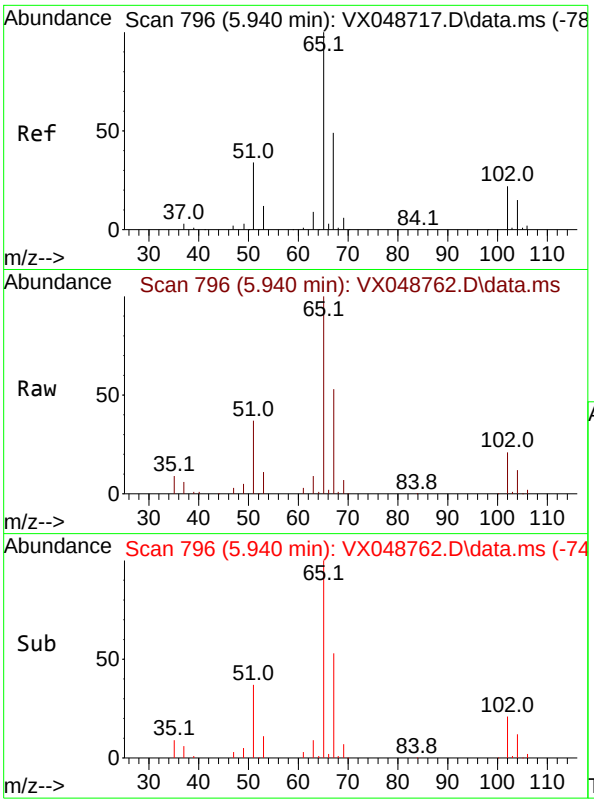


#16
Acetone
Concen: 17.324 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 43 Resp: 11034

Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.0	37.4



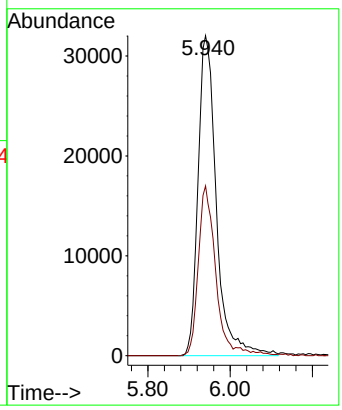


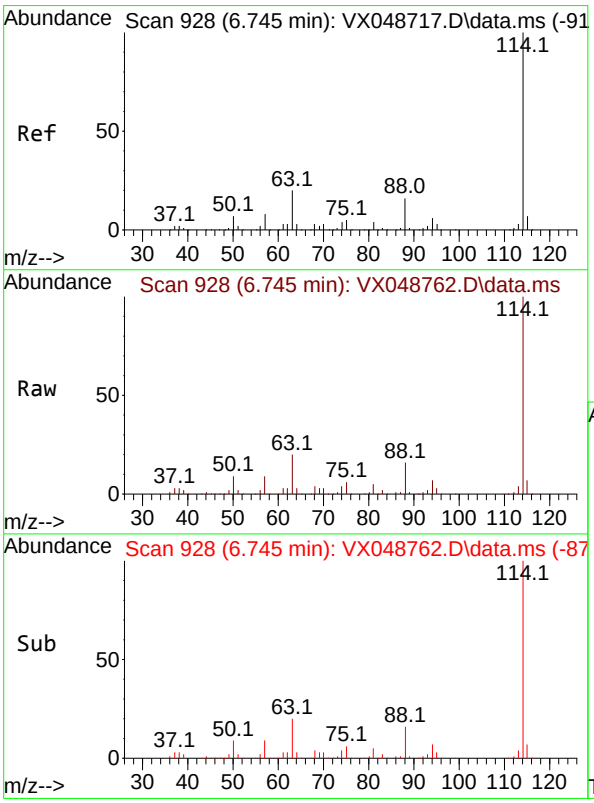
#33
1,2-Dichloroethane-d4
Concen: 59.427 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion: 65 Resp: 98874

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	107.4

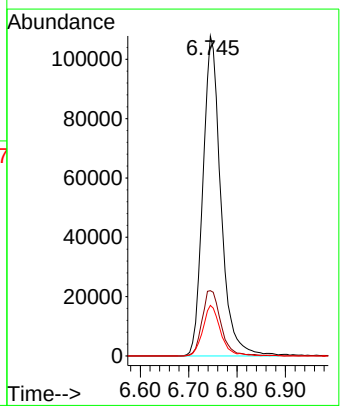


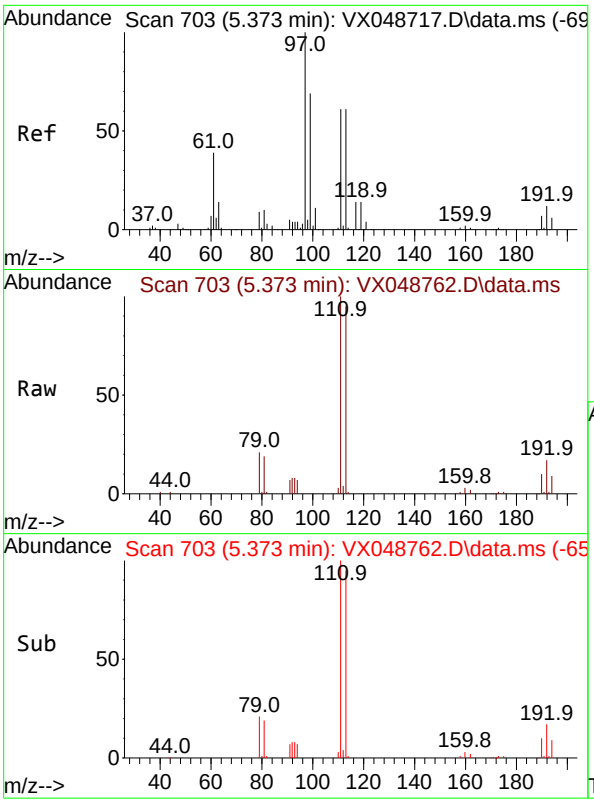


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion:114 Resp: 277457

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.8	0.0	31.8



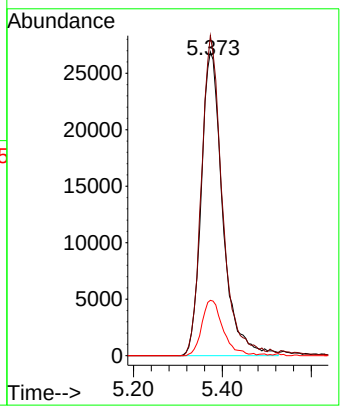


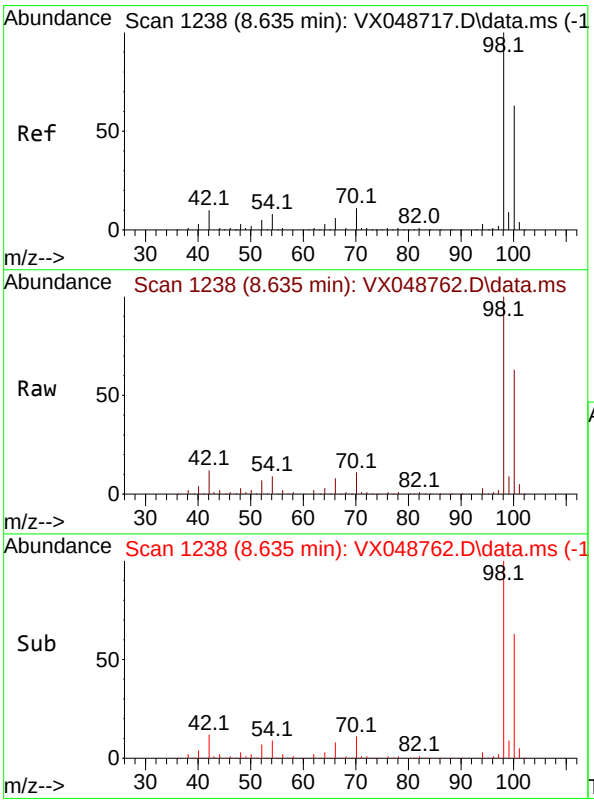
#35
Dibromofluoromethane
Concen: 47.212 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:113 Resp: 90194

Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.5	119.3
192	18.0	16.1	24.1

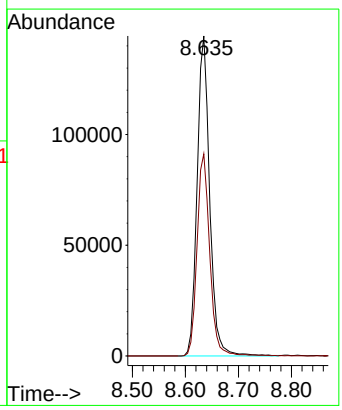


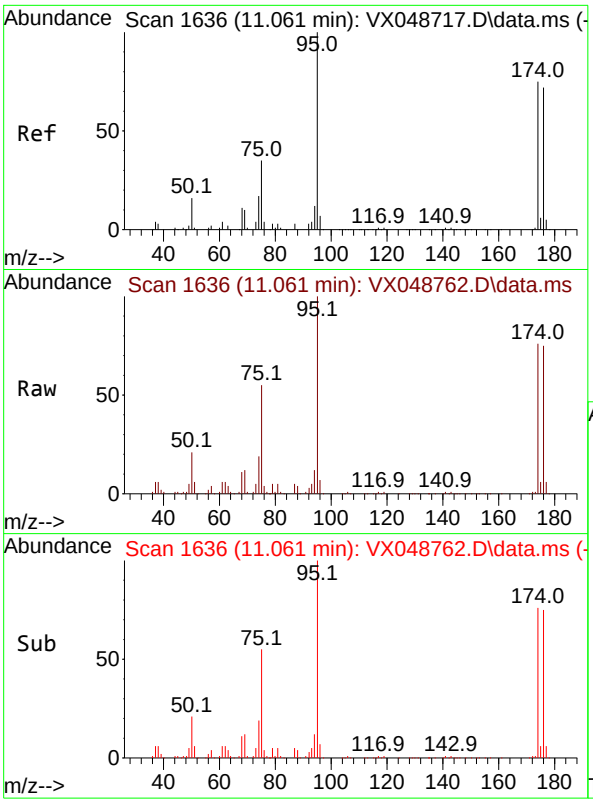


#50
Toluene-d8
Concen: 35.543 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 98 Resp: 238014

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.4	80.0



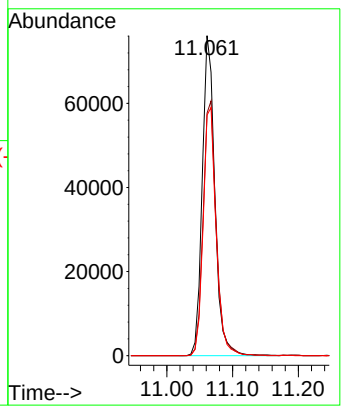


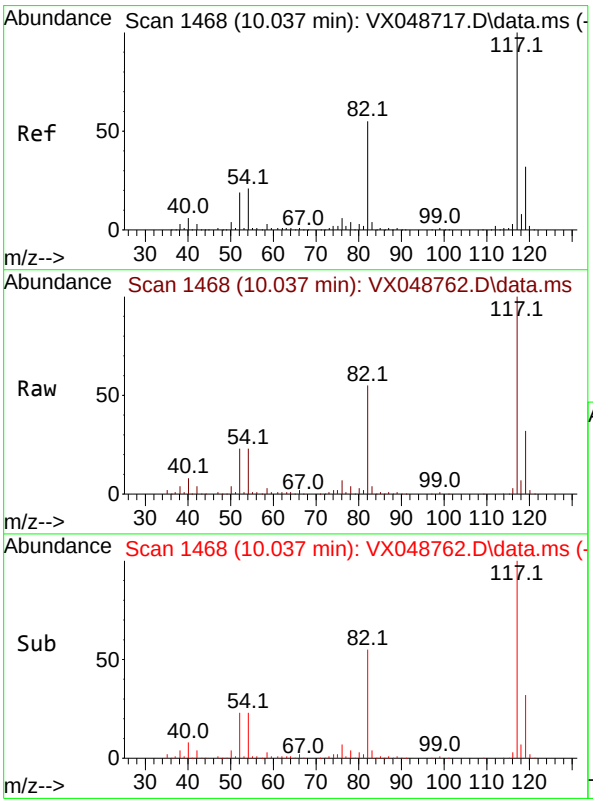
#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion: 95 Resp: 101242

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	157.8
176	80.1	0.0	154.0

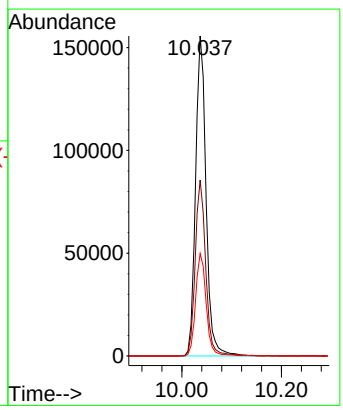


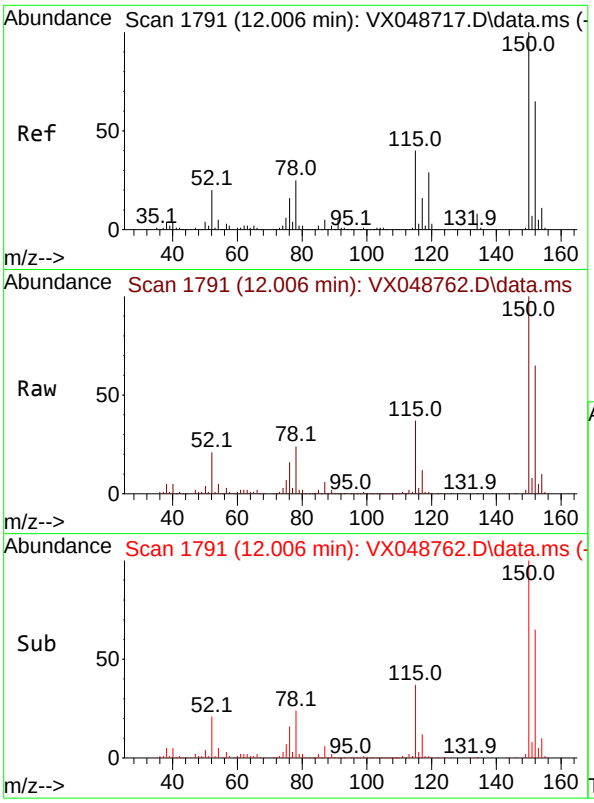


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion:117 Resp: 227659

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.1	66.1
119	32.0	25.2	37.8



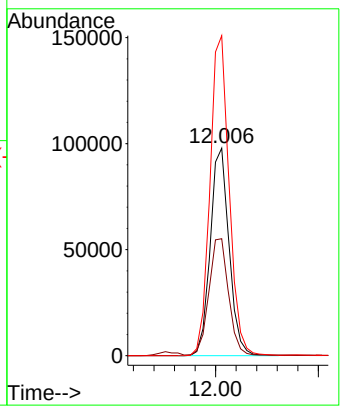


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:152 Resp: 124497

Ion	Ratio	Lower	Upper
152	100		
115	58.9	42.1	126.4
150	156.9	0.0	347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048816.D
Acq On : 10 Dec 2025 16:54
Operator : JC/MD
Sample : Q3788-11RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Quant Time: Dec 11 00:26:40 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

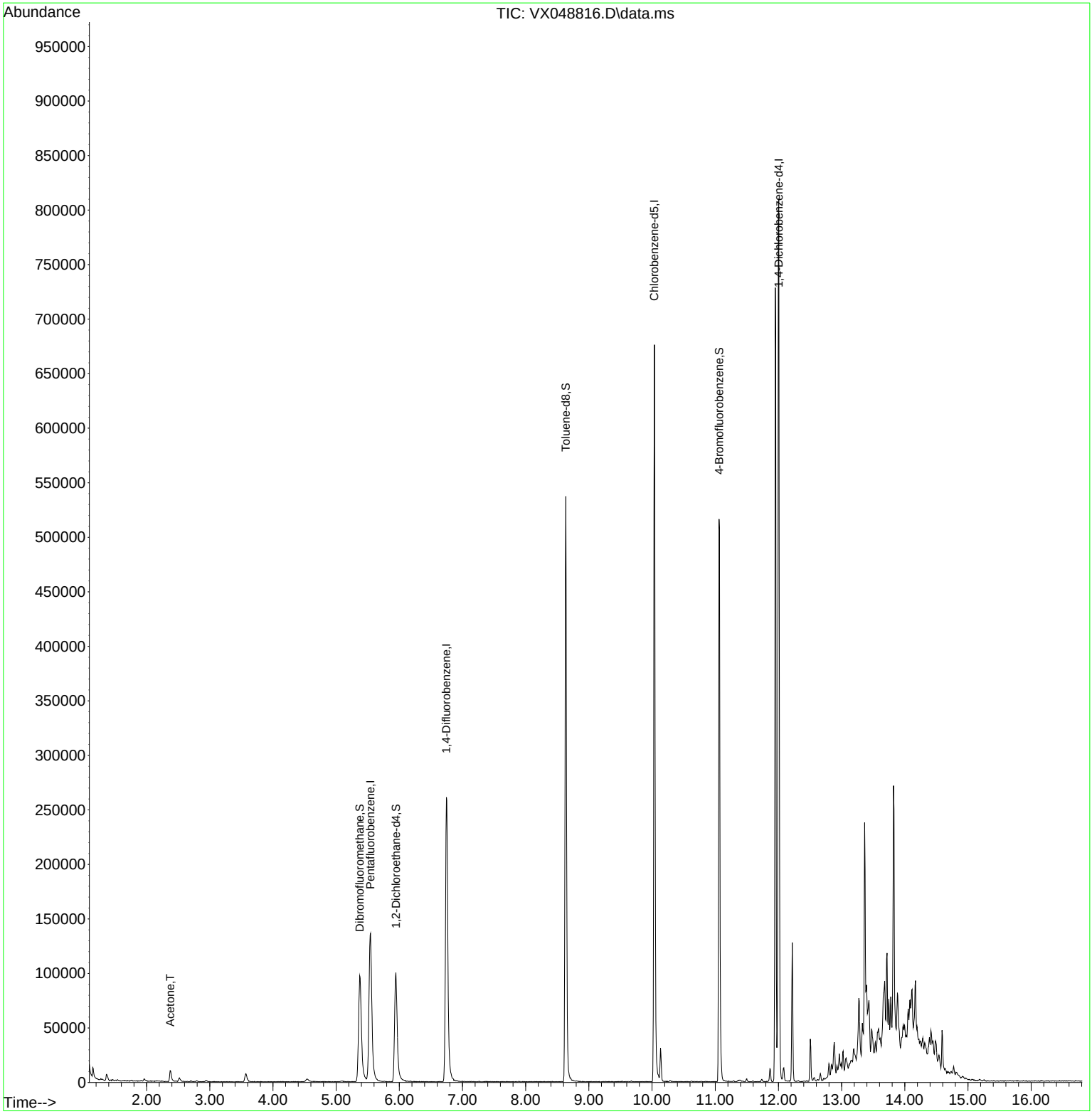
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	145186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	320506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	183436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109578	56.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.460%			
35) Dibromofluoromethane	5.373	113	97169	47.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.840%			
50) Toluene-d8	8.634	98	341748	47.578	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.160%			
62) 4-Bromofluorobenzene	11.061	95	151134	61.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.040%			
Target Compounds						Qvalue
16) Acetone	2.373	43	14606	19.579	ug/l	95

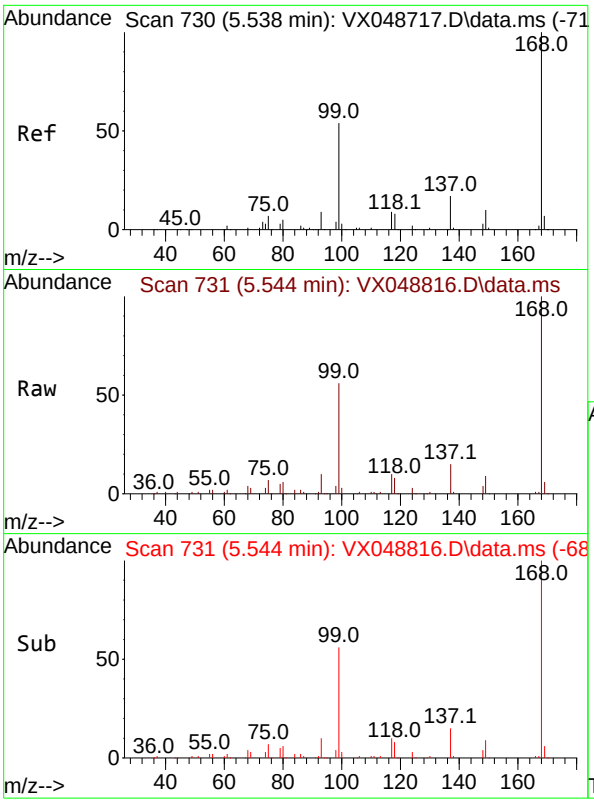
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048816.D
Acq On : 10 Dec 2025 16:54
Operator : JC/MD
Sample : Q3788-11RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Quant Time: Dec 11 00:26:40 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



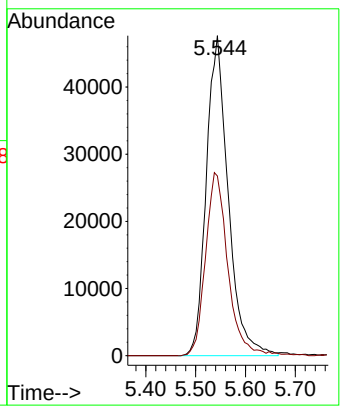


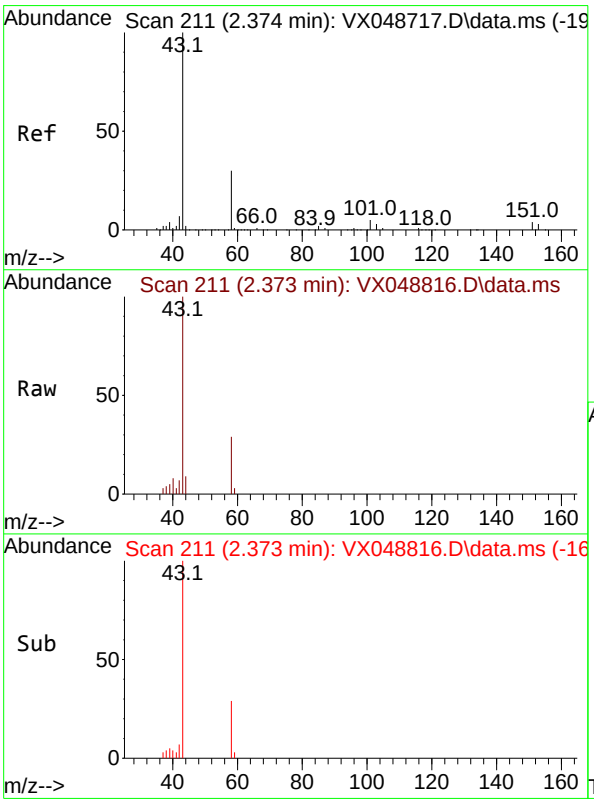
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion:168 Resp: 145186

Ion	Ratio	Lower	Upper
168	100		
99	56.2	44.2	66.4

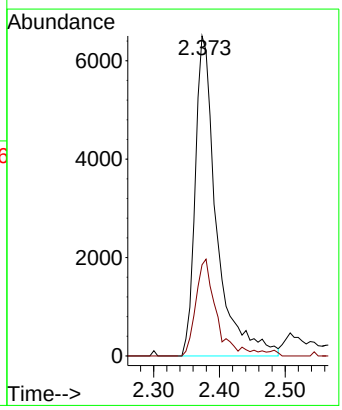


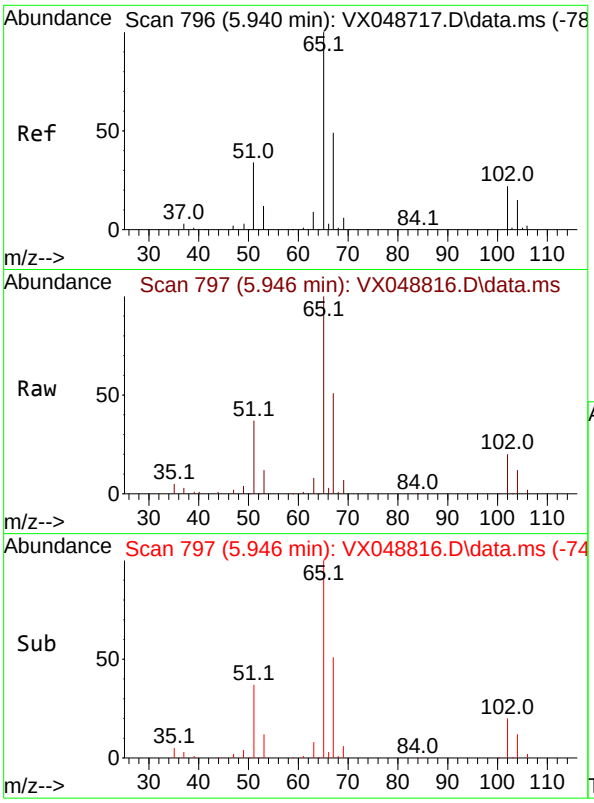


#16
Acetone
Concen: 19.579 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion: 43 Resp: 14606

Ion	Ratio	Lower	Upper
43	100		
58	28.5	25.0	37.4



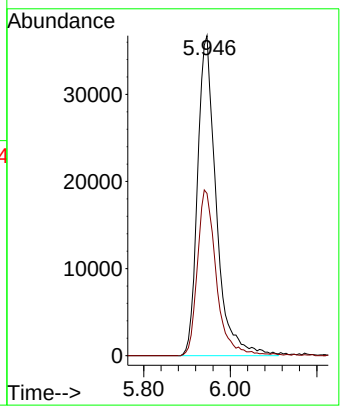


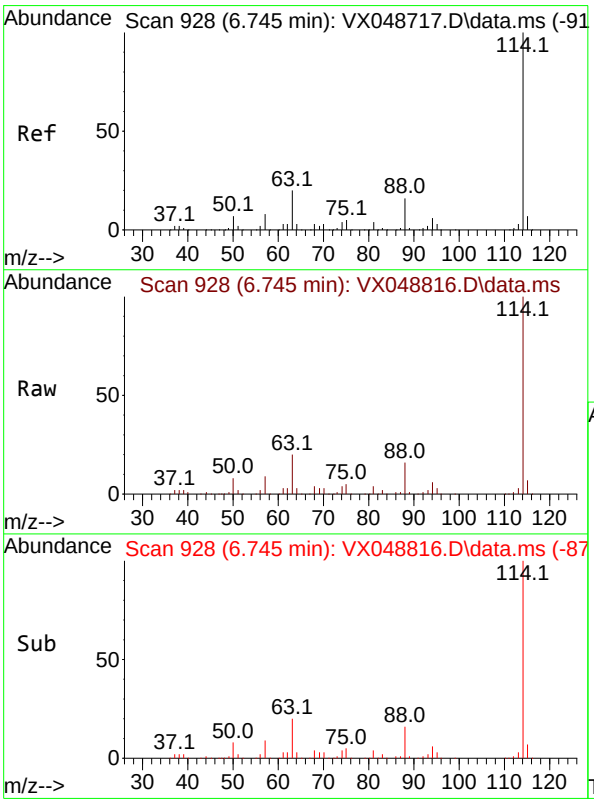
#33
1,2-Dichloroethane-d4
Concen: 56.232 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion: 65 Resp: 109578

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.4

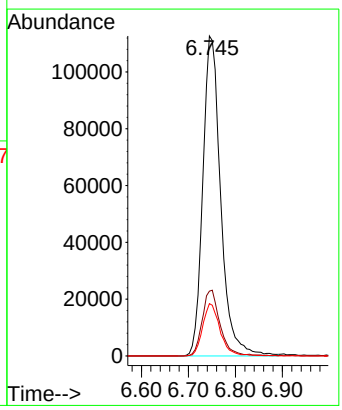


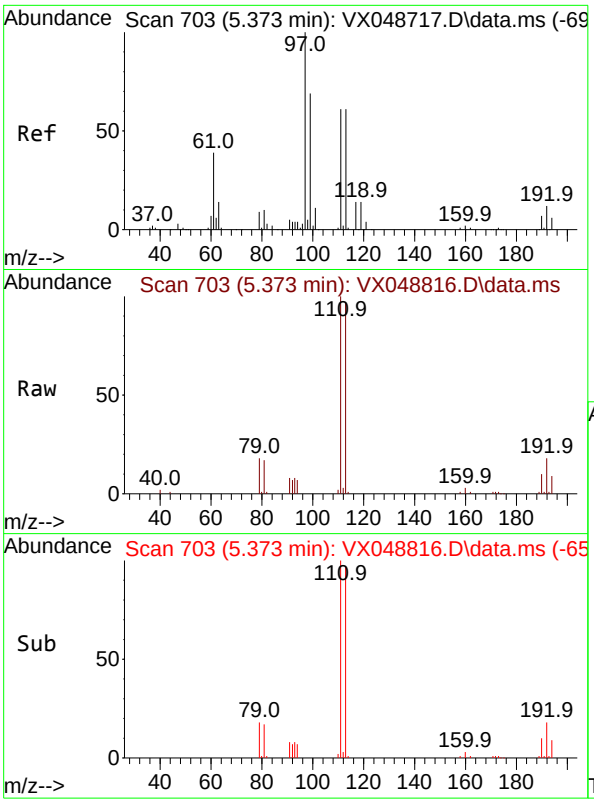


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion:114 Resp: 297607

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	16.4	0.0	31.8



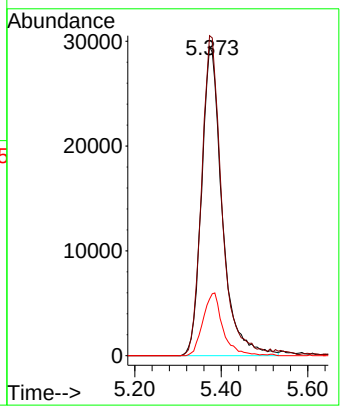


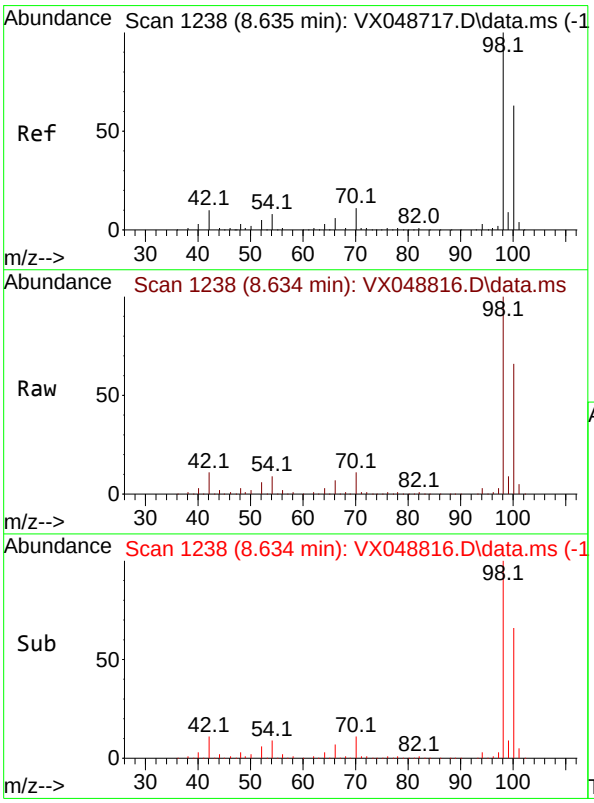
#35
Dibromofluoromethane
Concen: 47.419 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion:113 Resp: 97169

Ion	Ratio	Lower	Upper
113	100		
111	101.5	79.5	119.3
192	19.7	16.1	24.1

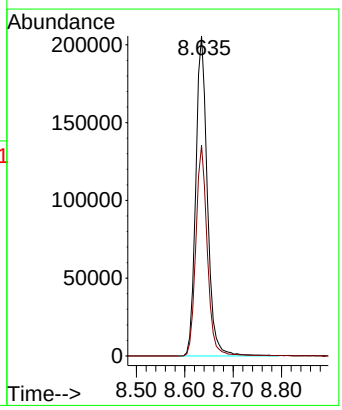


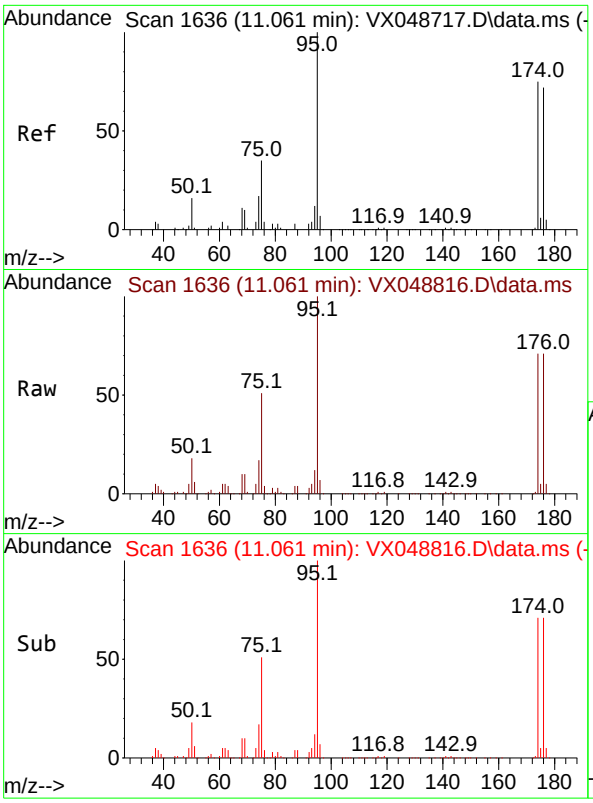


#50
Toluene-d8
Concen: 47.578 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion: 98 Resp: 341748

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.4	80.0



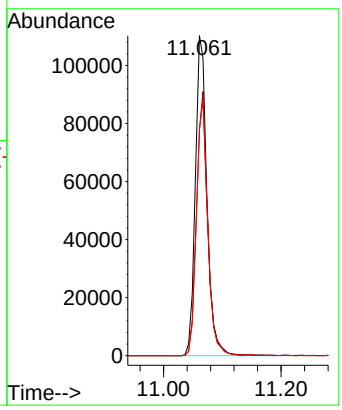


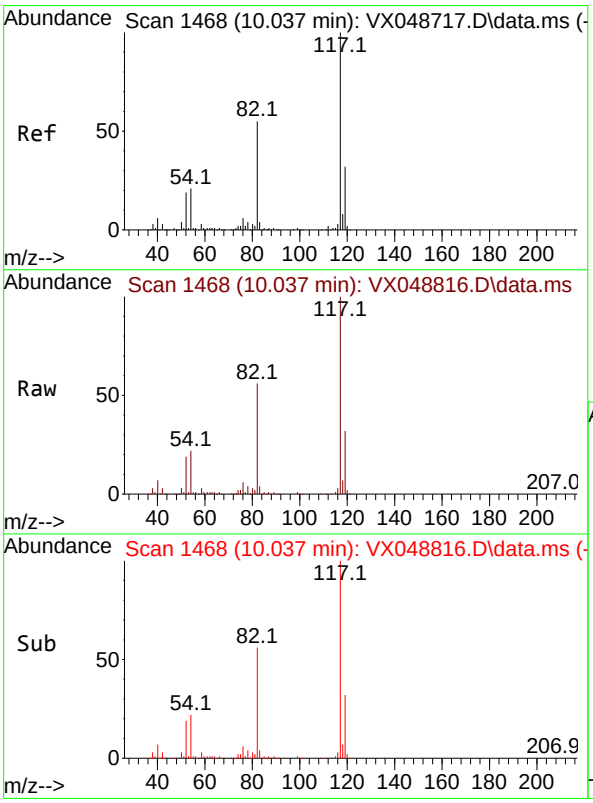
#62
4-Bromofluorobenzene
Concen: 61.018 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion: 95 Resp: 151134

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	157.8
176	77.9	0.0	154.0

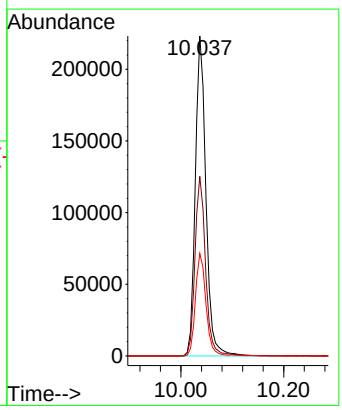


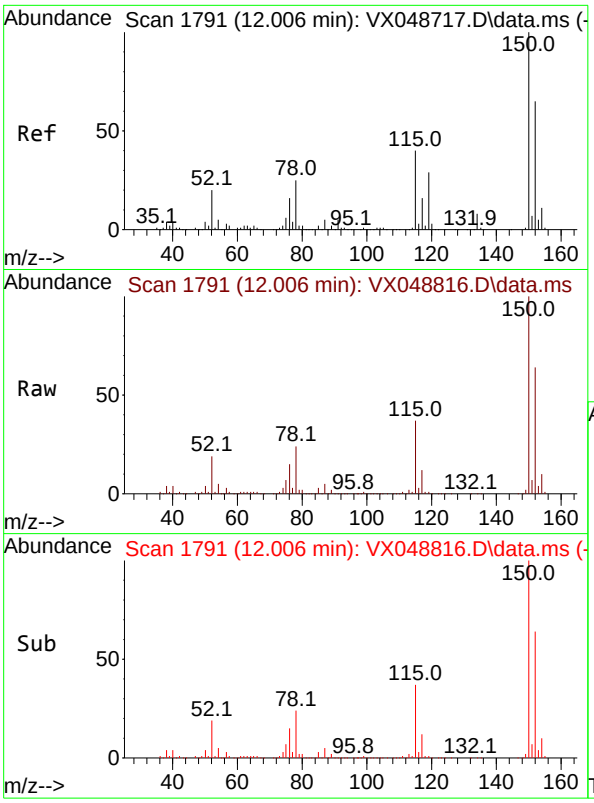


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion:117 Resp: 320506

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.1	66.1
119	32.0	25.2	37.8



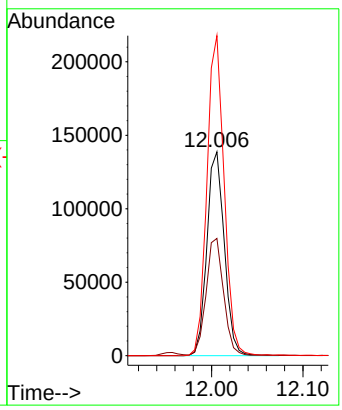


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion:152 Resp: 183436

Ion	Ratio	Lower	Upper
152	100		
115	57.7	42.1	126.4
150	154.6	0.0	347.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048763.D
Acq On : 08 Dec 2025 18:02
Operator : JC/MD
Sample : Q3788-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Quant Time: Dec 09 04:14:39 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

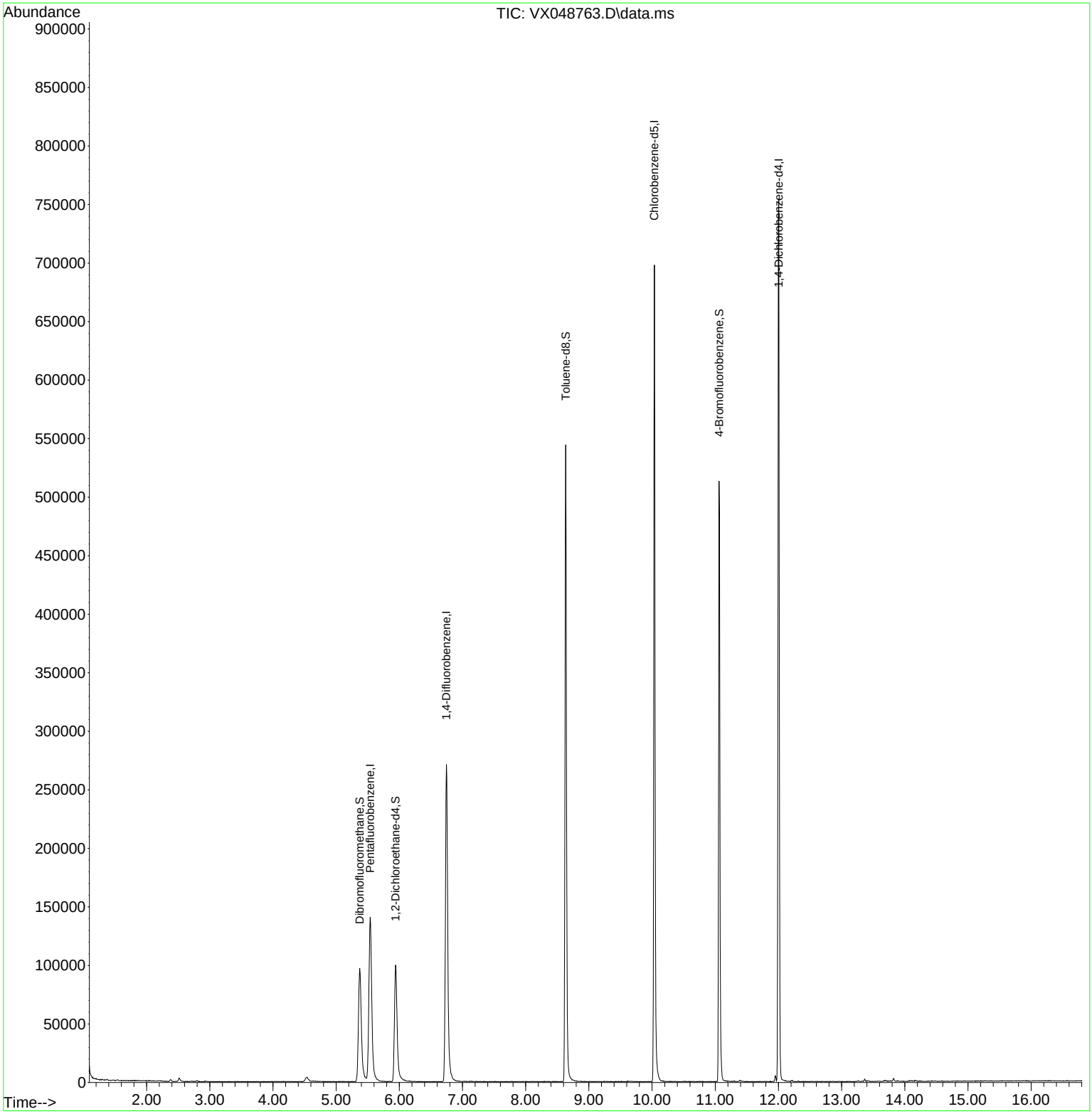
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	147710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	303651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	326109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	173863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109857	55.412	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.820%			
35) Dibromofluoromethane	5.373	113	97240	46.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.020%			
50) Toluene-d8	8.635	98	346584	47.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.580%			
62) 4-Bromofluorobenzene	11.061	95	148448	58.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.480%			
Target Compounds						Qvalue

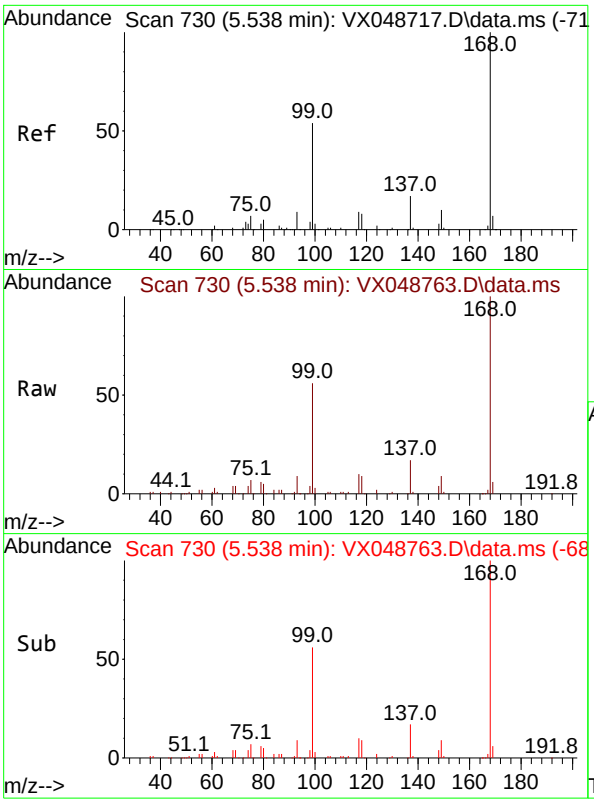
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048763.D
Acq On : 08 Dec 2025 18:02
Operator : JC/MD
Sample : Q3788-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Quant Time: Dec 09 04:14:39 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



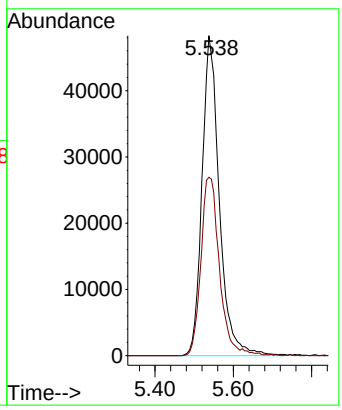


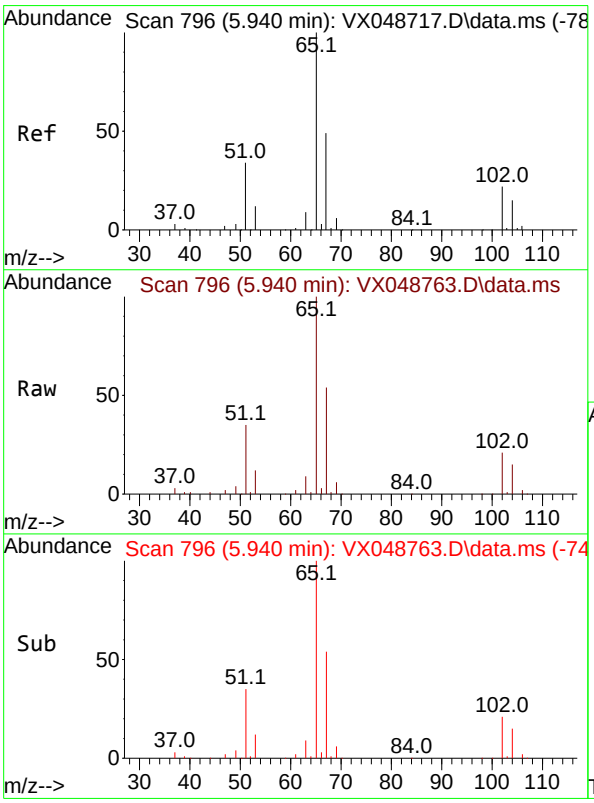
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion:168 Resp: 147710

Ion	Ratio	Lower	Upper
168	100		
99	55.7	44.2	66.4

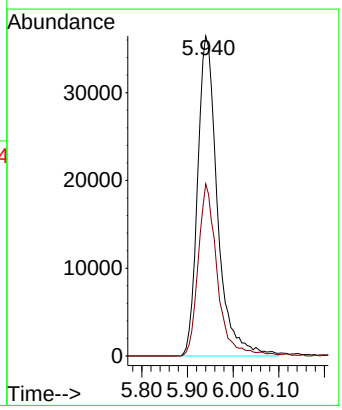


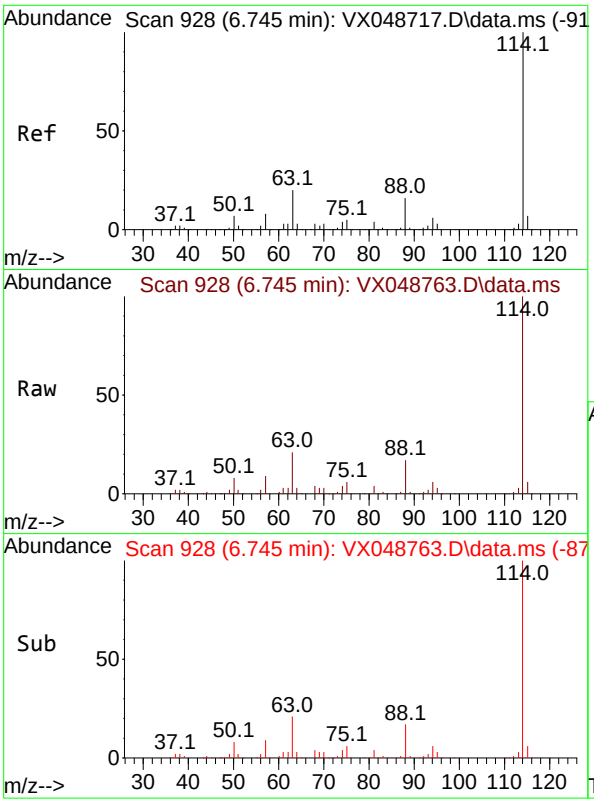


#33
1,2-Dichloroethane-d4
Concen: 55.412 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion: 65 Resp: 109857

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.4



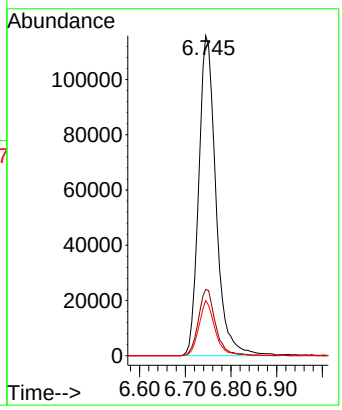


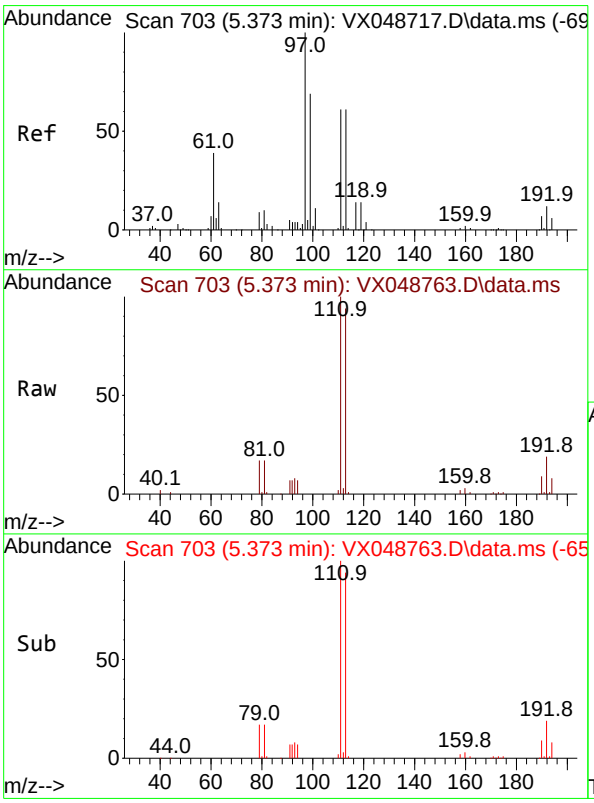
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion:114 Resp: 303651

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	17.2	0.0	31.8

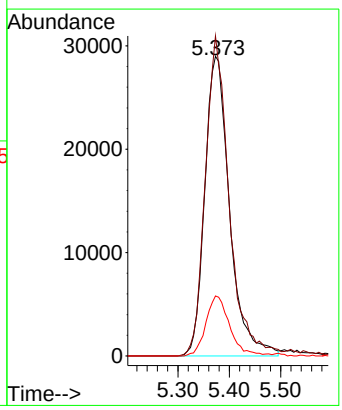


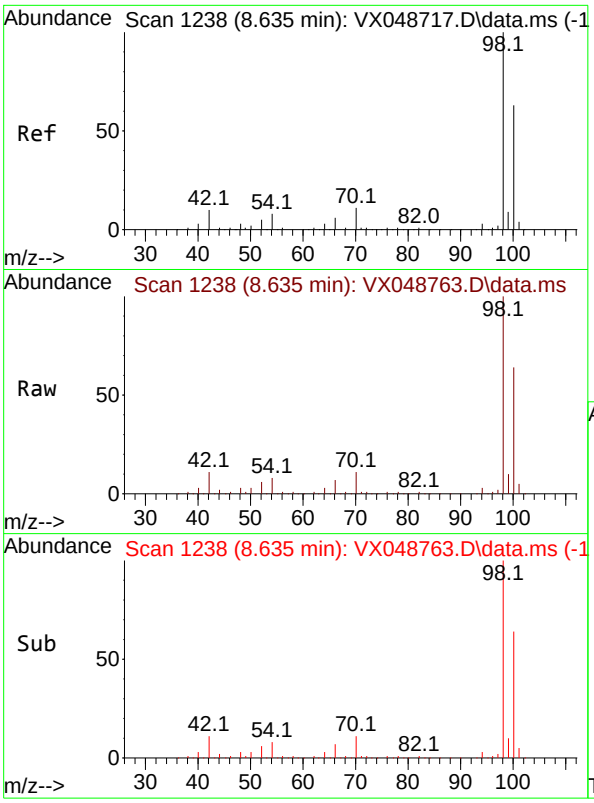


#35
Dibromofluoromethane
Concen: 46.510 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion:113 Resp: 97240

Ion	Ratio	Lower	Upper
113	100		
111	102.8	79.5	119.3
192	19.3	16.1	24.1



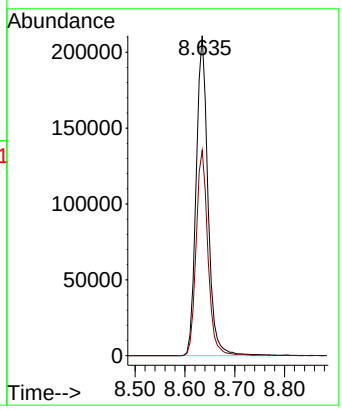


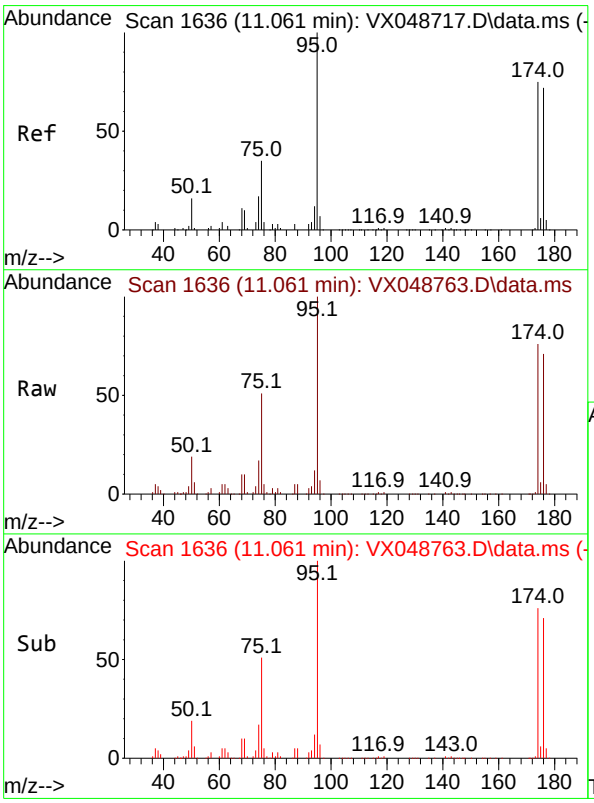
#50
Toluene-d8
Concen: 47.291 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion: 98 Resp: 346584

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.4	80.0

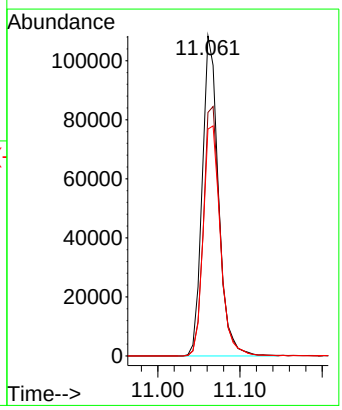


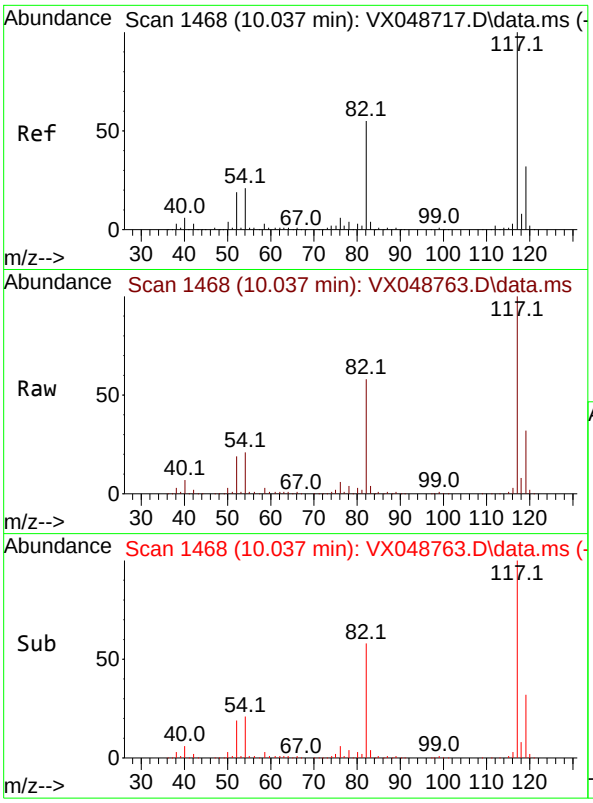


#62
4-Bromofluorobenzene
Concen: 58.740 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion: 95 Resp: 148448

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	157.8
176	76.1	0.0	154.0



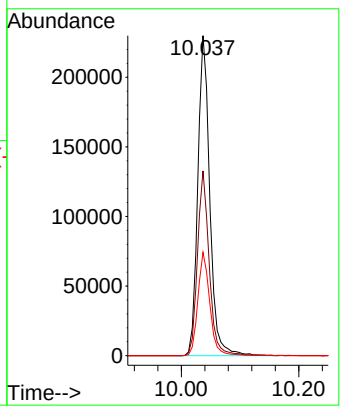


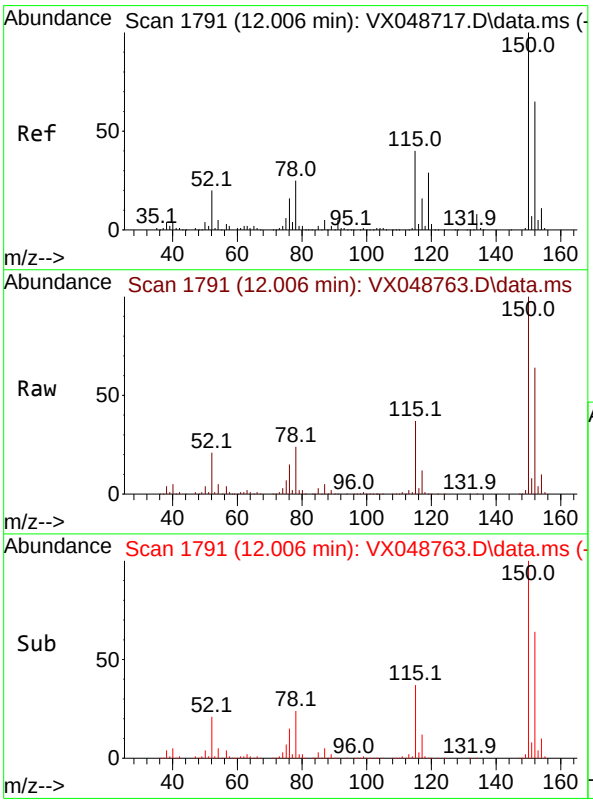
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion:117 Resp: 326109

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.1	66.1
119	32.3	25.2	37.8

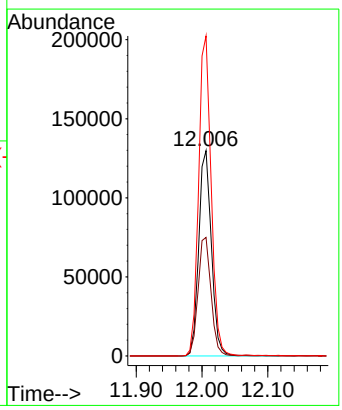




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion:152 Resp: 173863

Ion	Ratio	Lower	Upper
152	100		
115	59.2	42.1	126.4
150	154.1	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

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

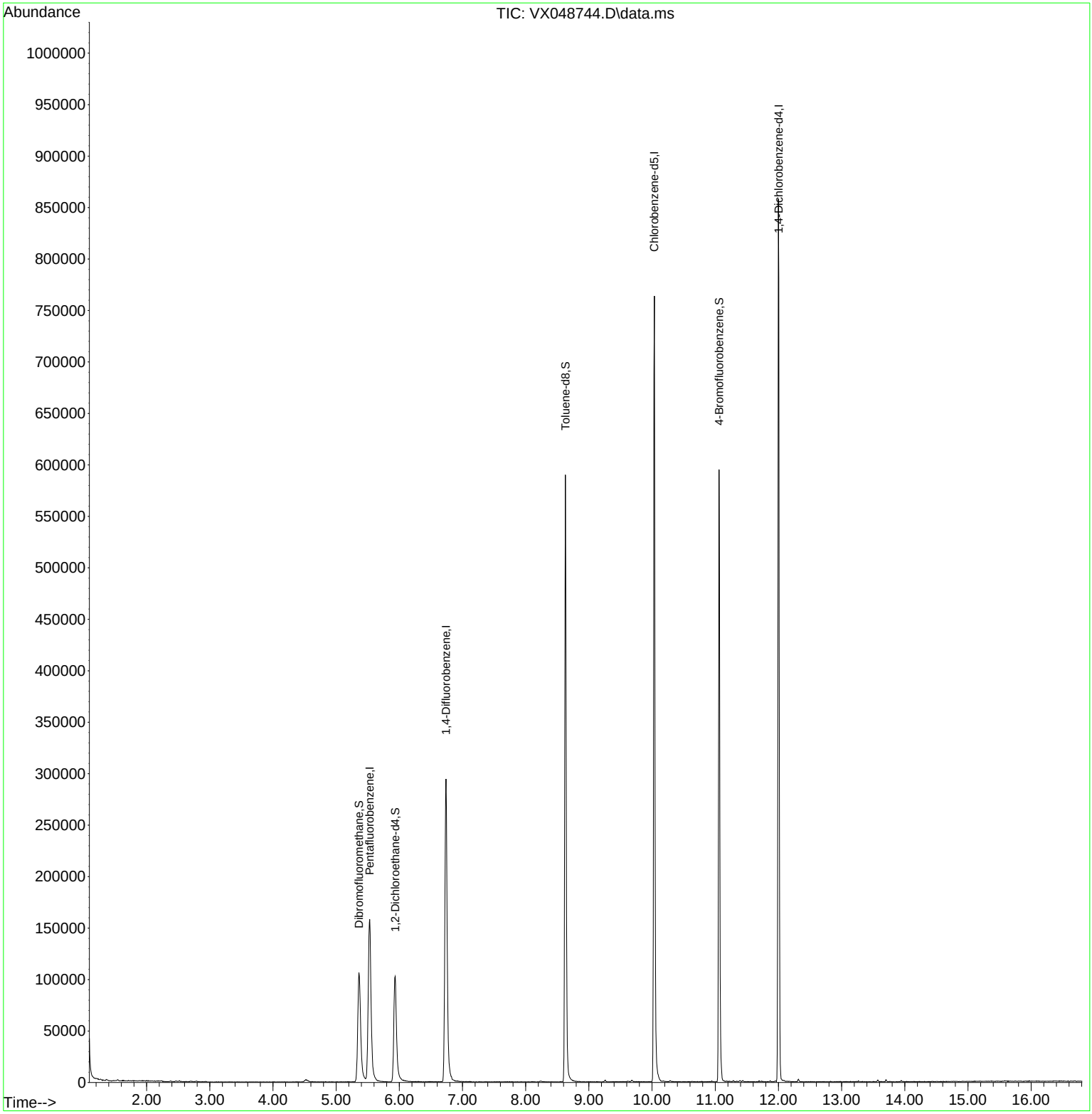
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	173343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	340953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	370451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179749	50.000	ug/l	0.00
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

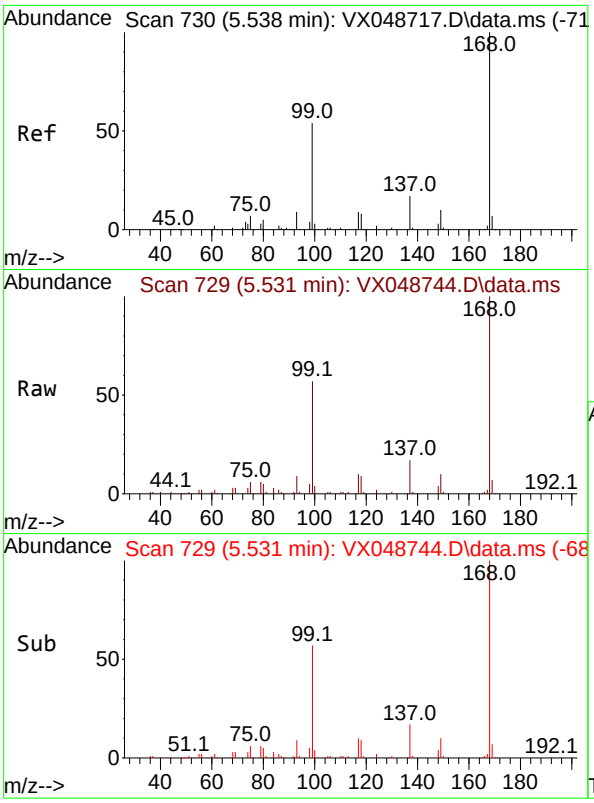
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



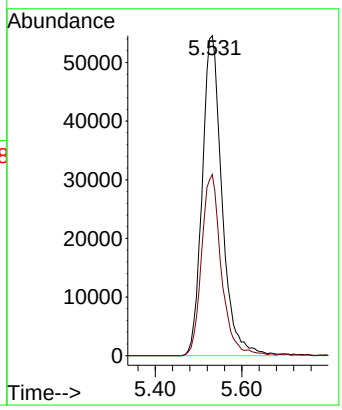


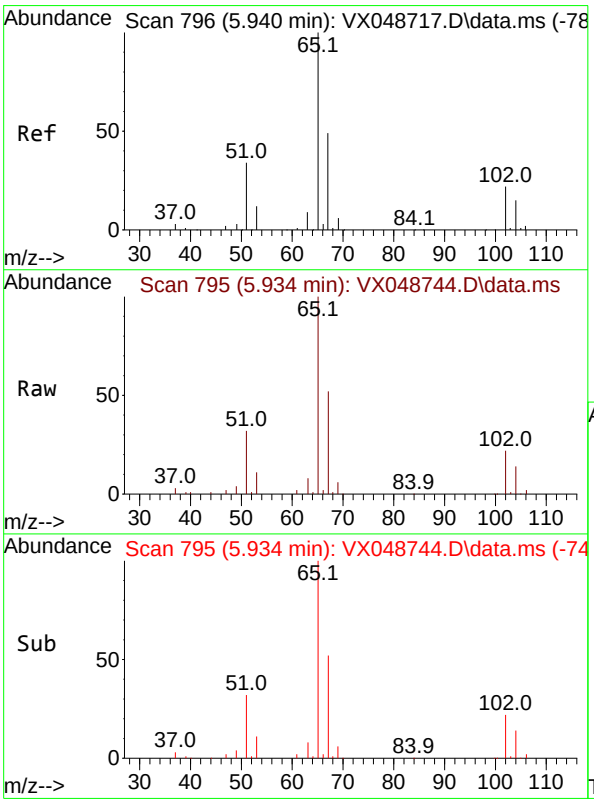
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion:168 Resp: 173343

Ion	Ratio	Lower	Upper
168	100		
99	56.6	44.2	66.4

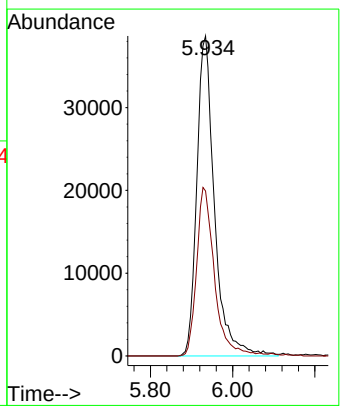


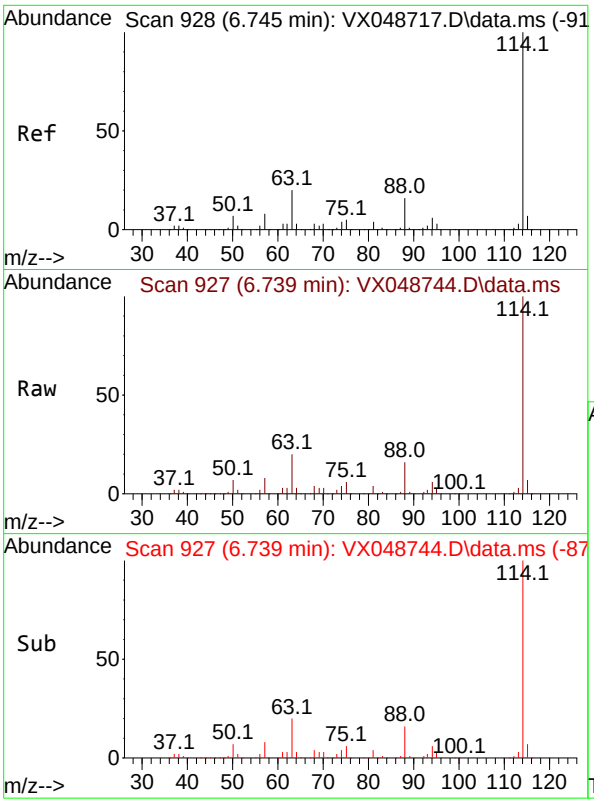


#33
1,2-Dichloroethane-d4
Concen: 49.507 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion: 65 Resp: 115181

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.4



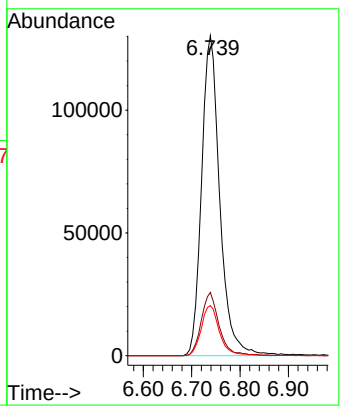


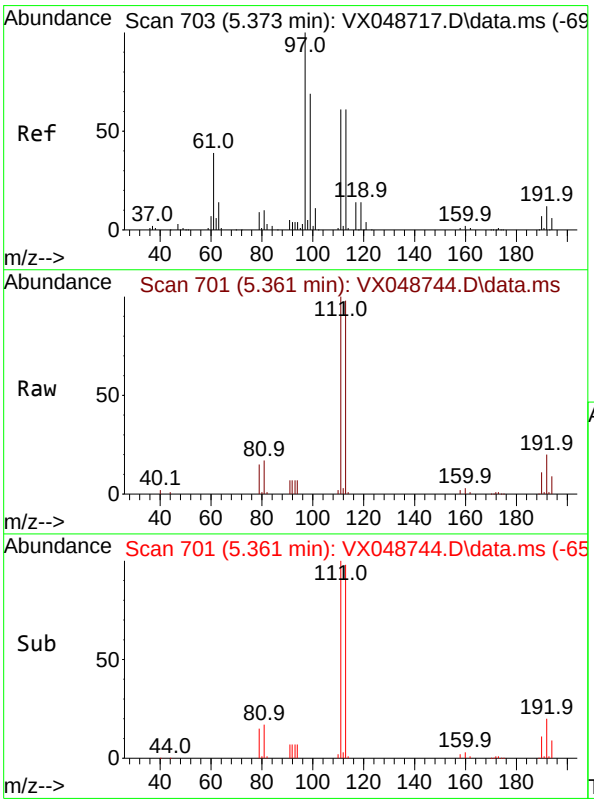
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

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

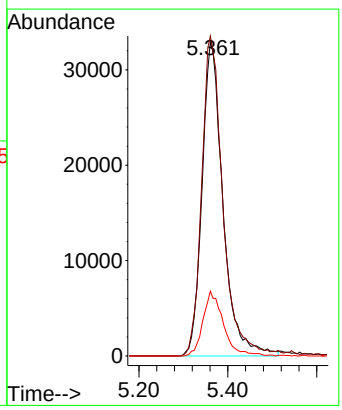


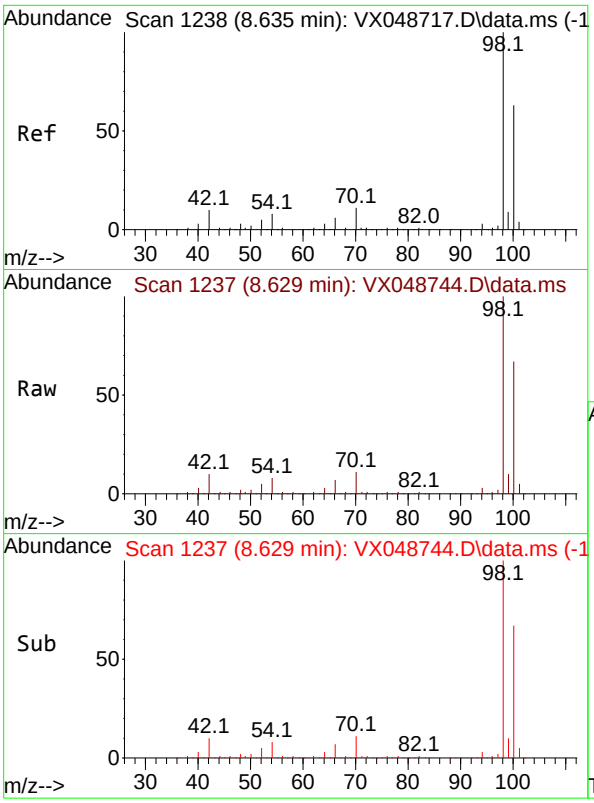


#35
Dibromofluoromethane
Concen: 46.001 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

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



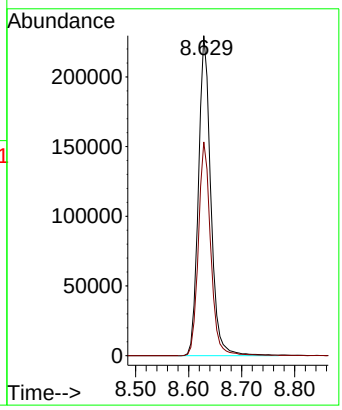


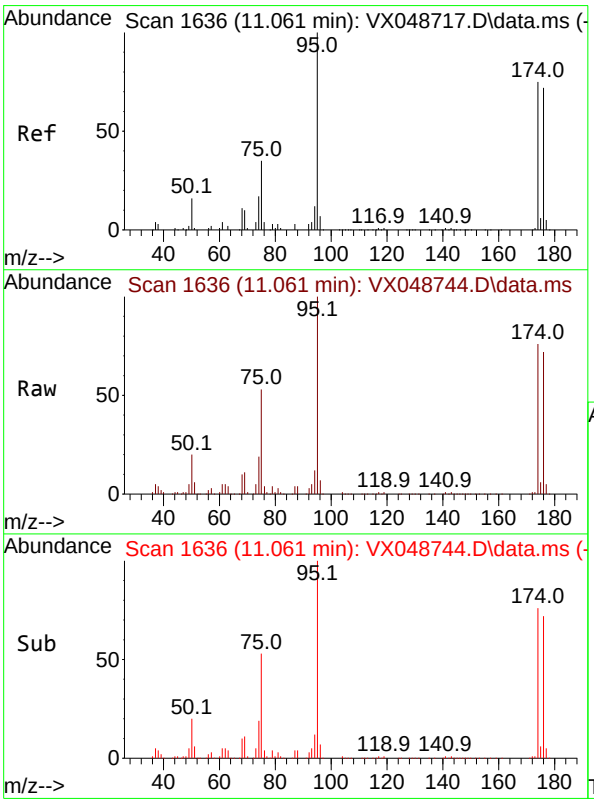
#50
Toluene-d8
Concen: 45.222 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion: 98 Resp: 372131

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0

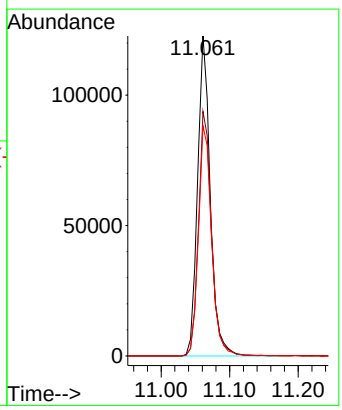


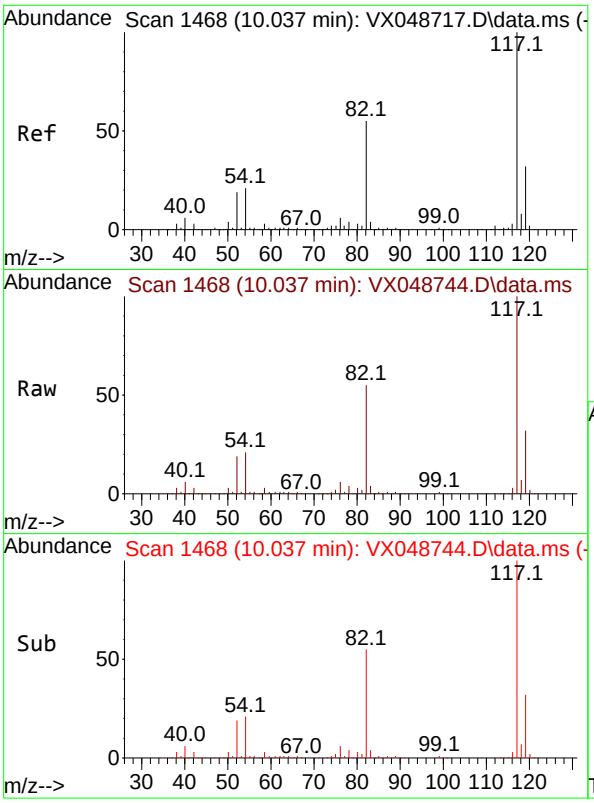


#62
4-Bromofluorobenzene
Concen: 55.813 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

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



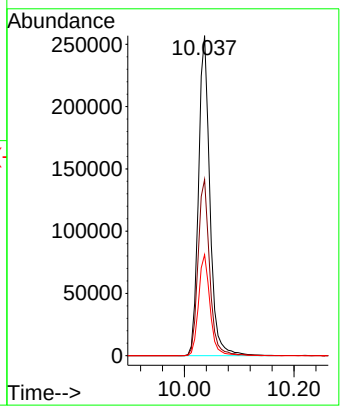


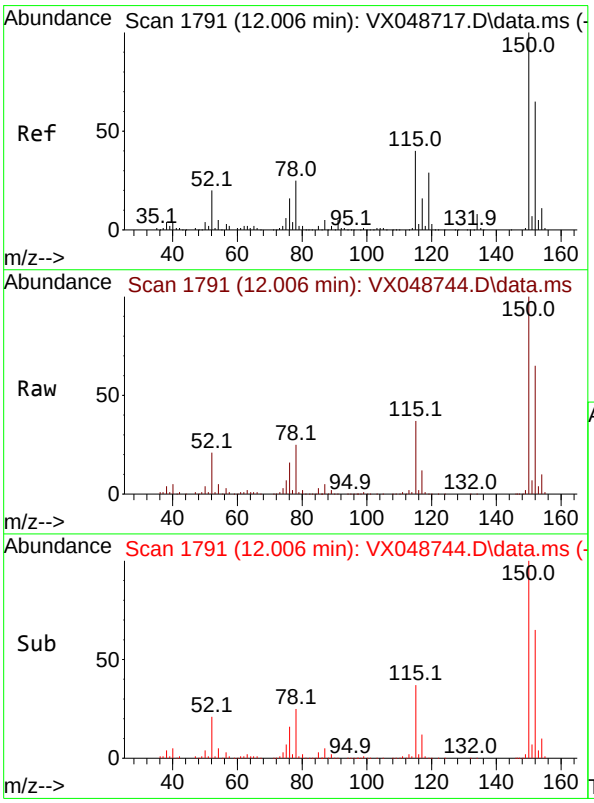
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

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

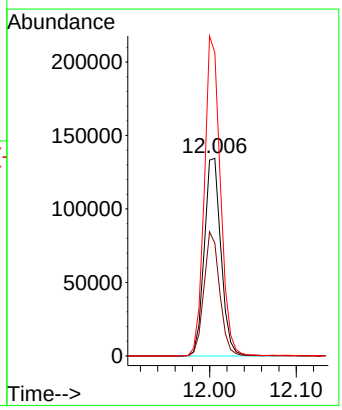




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

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\VX120925\
Data File : VX048769.D
Acq On : 09 Dec 2025 09:46
Operator : JC/MD
Sample : VX1209WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Quant Time: Dec 10 00:13:22 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

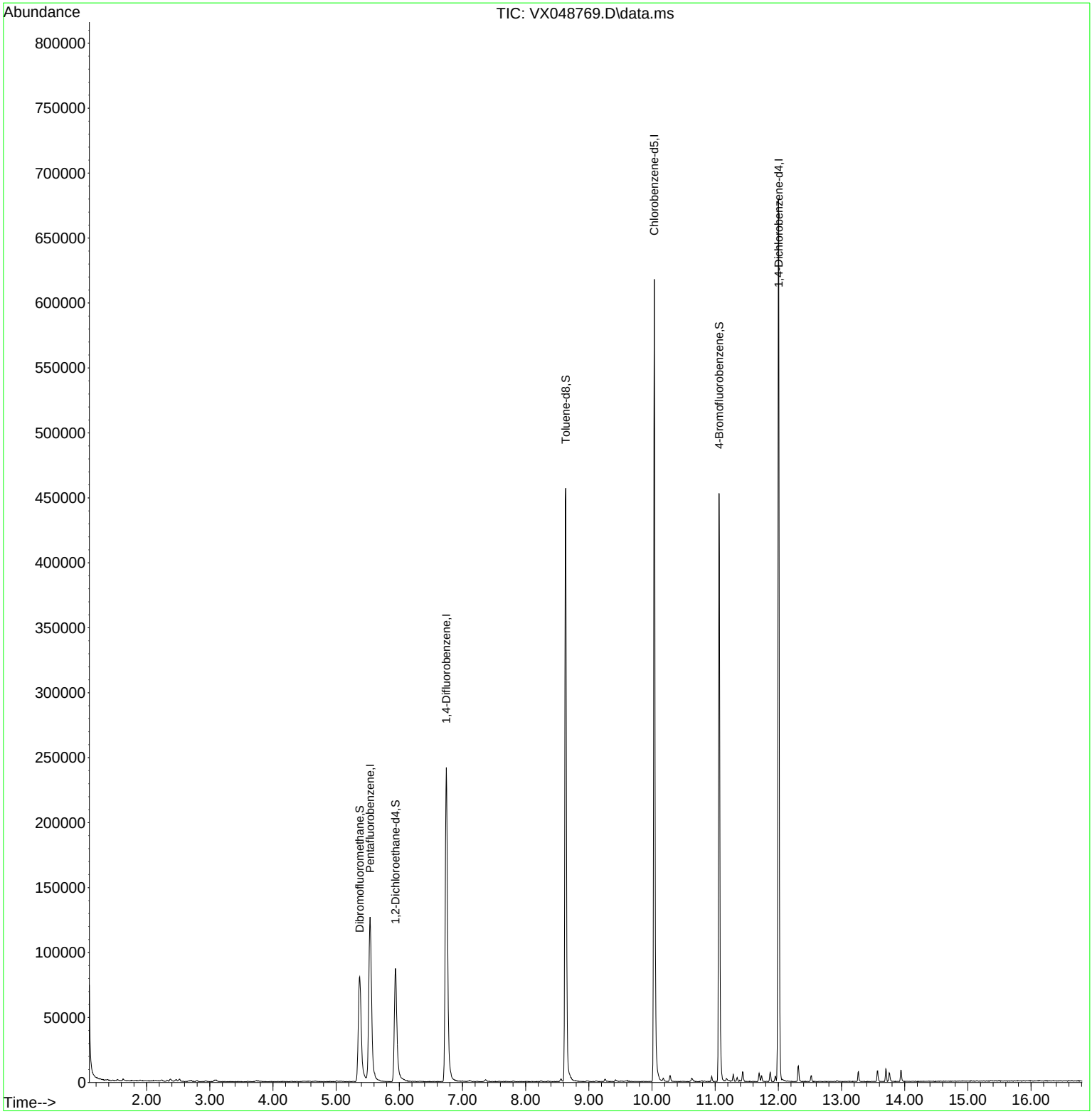
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	129302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	266304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97271	56.049	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.100%			
35) Dibromofluoromethane	5.373	113	83404	45.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.980%			
50) Toluene-d8	8.635	98	299705	46.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.260%			
62) 4-Bromofluorobenzene	11.061	95	127733	57.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.260%			
Target Compounds						Qvalue

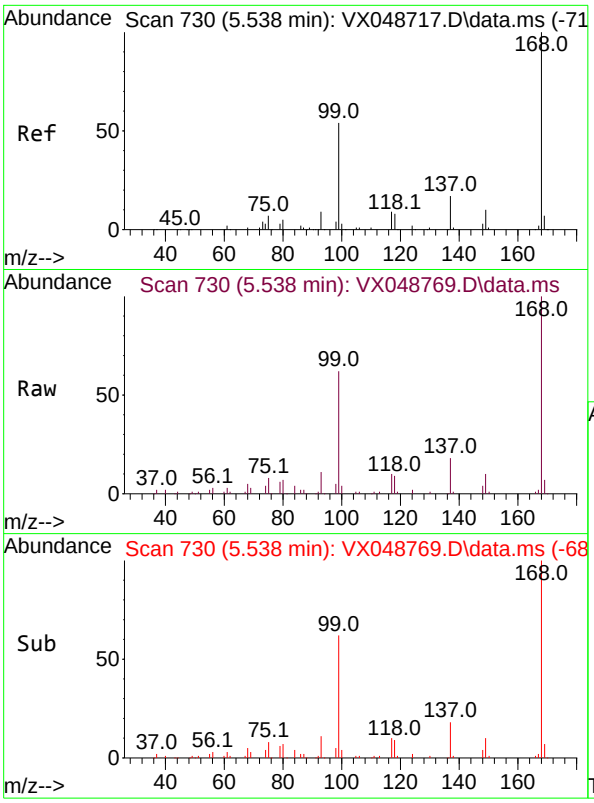
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048769.D
Acq On : 09 Dec 2025 09:46
Operator : JC/MD
Sample : VX1209WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Quant Time: Dec 10 00:13:22 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



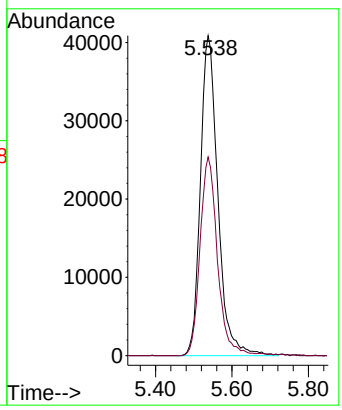


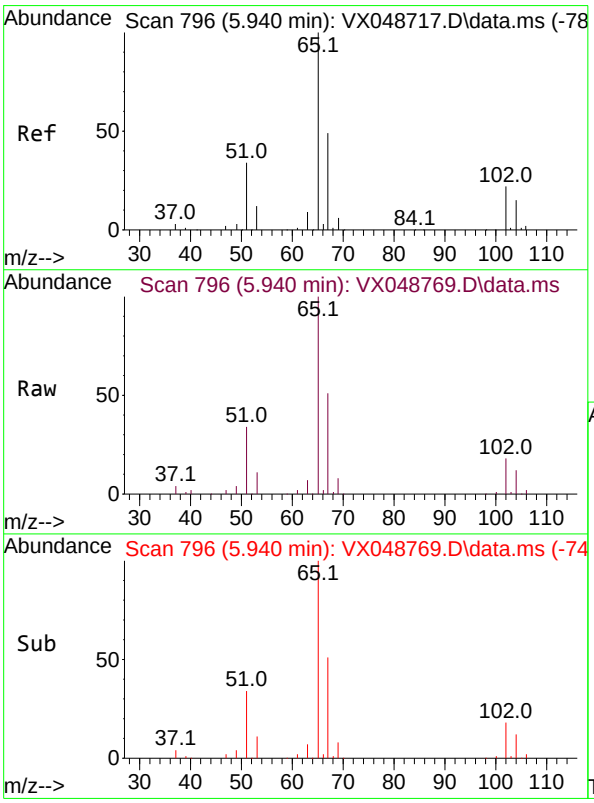
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion:168 Resp: 129302

Ion	Ratio	Lower	Upper
168	100		
99	62.1	44.2	66.4

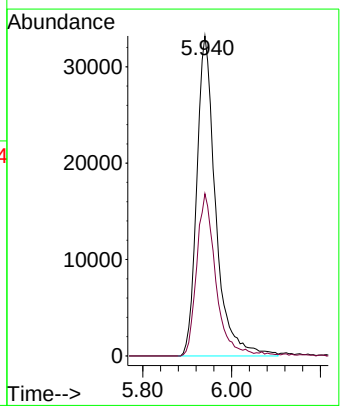


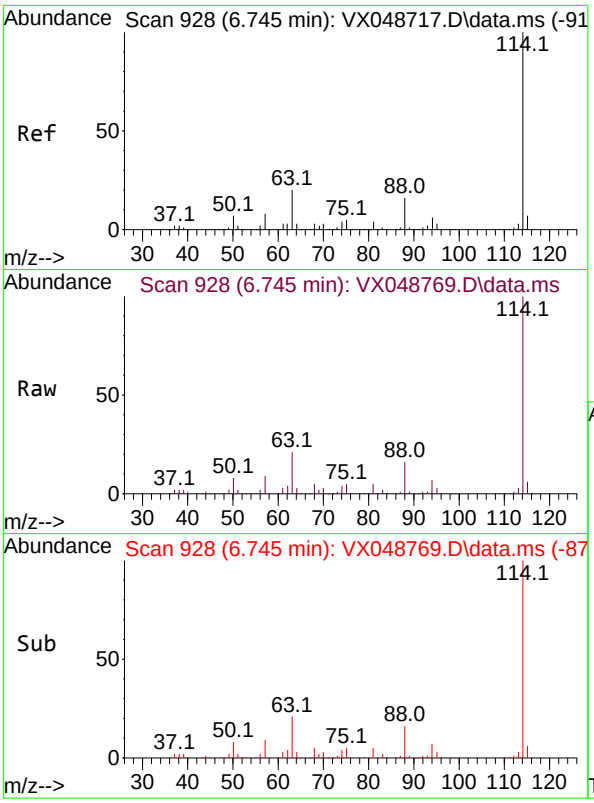


#33
1,2-Dichloroethane-d4
Concen: 56.049 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion: 65 Resp: 97271

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.4



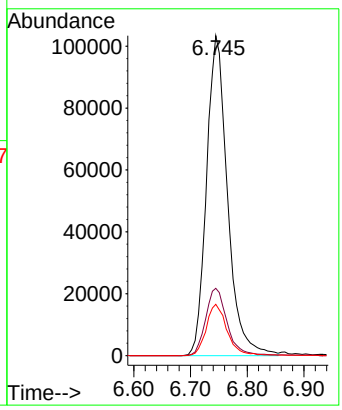


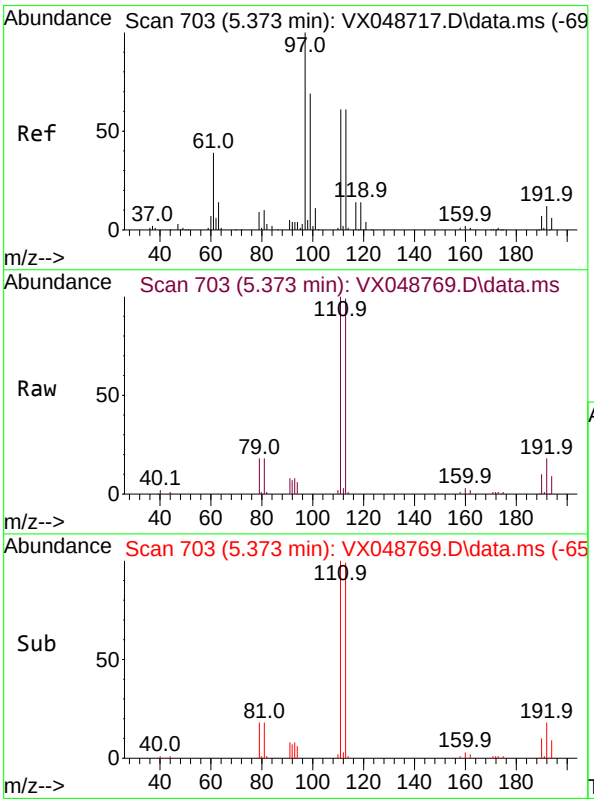
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion:114 Resp: 266304

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	16.0	0.0	31.8

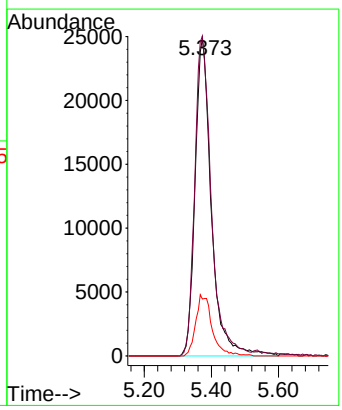


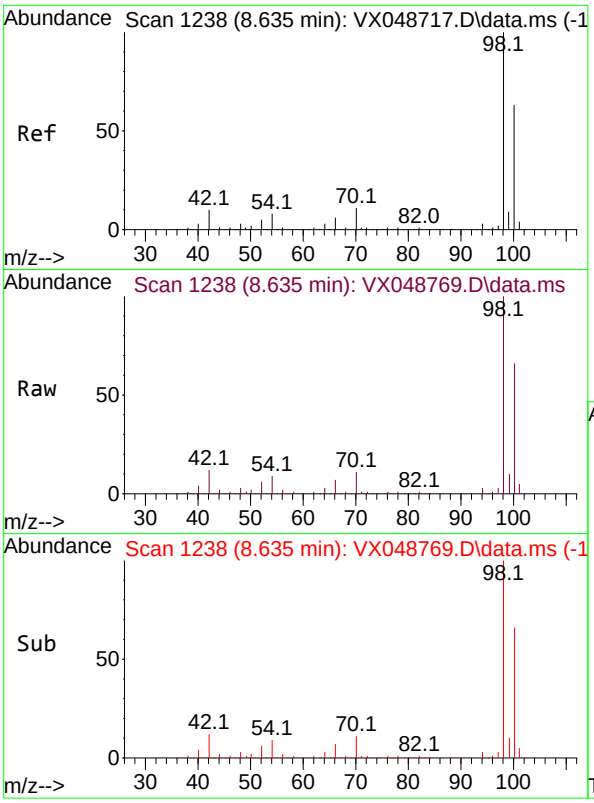


#35
Dibromofluoromethane
Concen: 45.486 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion:113 Resp: 83404

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.5	119.3
192	19.4	16.1	24.1



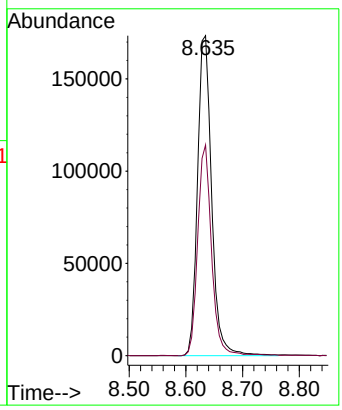


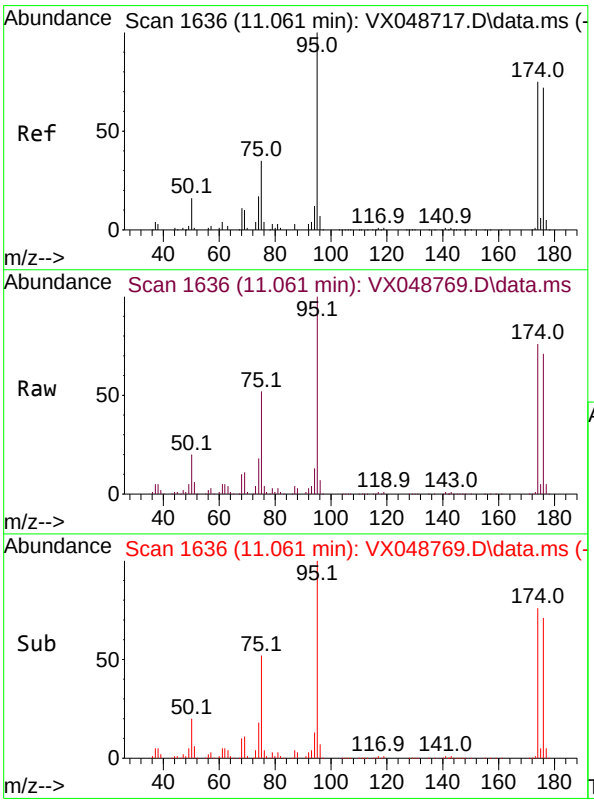
#50
Toluene-d8
Concen: 46.630 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion: 98 Resp: 299705

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.4	80.0

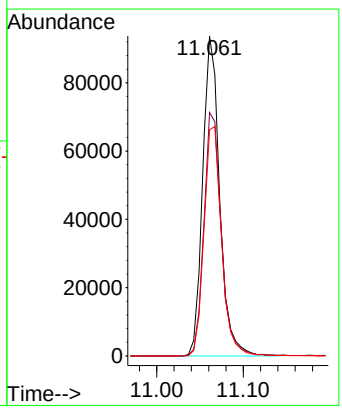


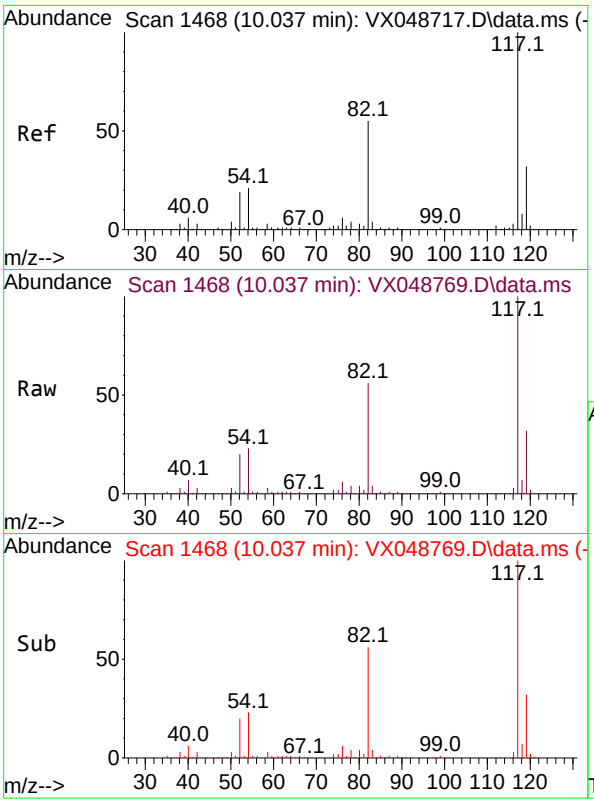


#62
4-Bromofluorobenzene
Concen: 57.632 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion: 95 Resp: 127733

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	157.8
176	74.2	0.0	154.0



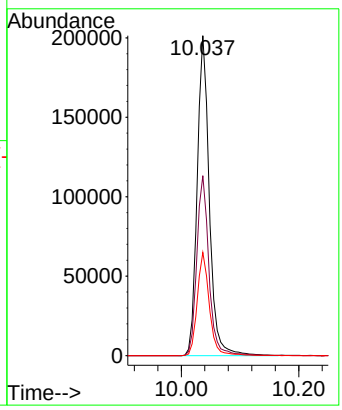


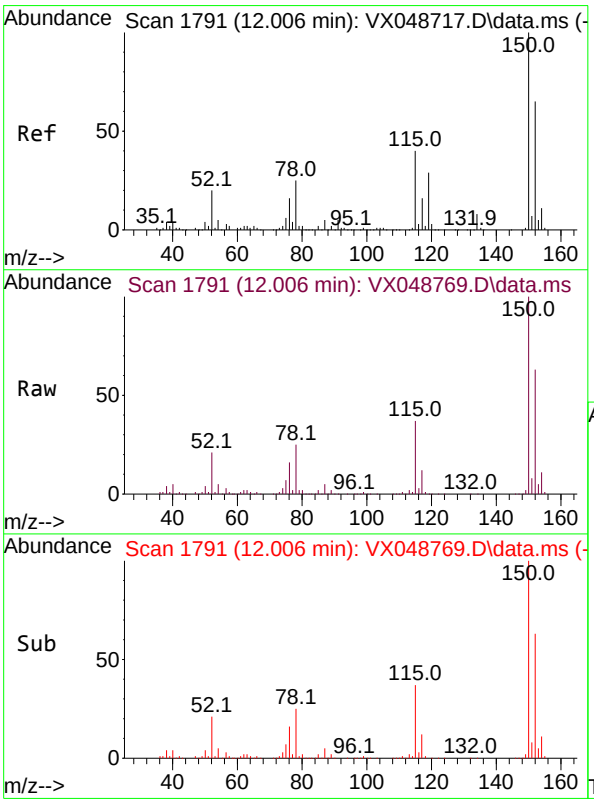
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion:117 Resp: 288359

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.1	66.1
119	32.2	25.2	37.8

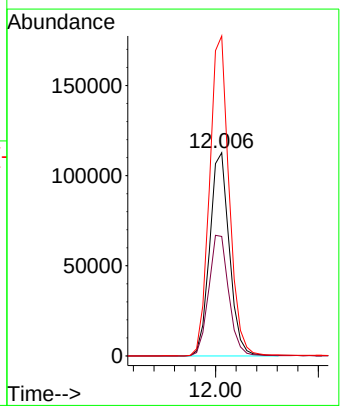




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion:152 Resp: 149395

Ion	Ratio	Lower	Upper
152	100		
115	60.6	42.1	126.4
150	157.9	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

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%			

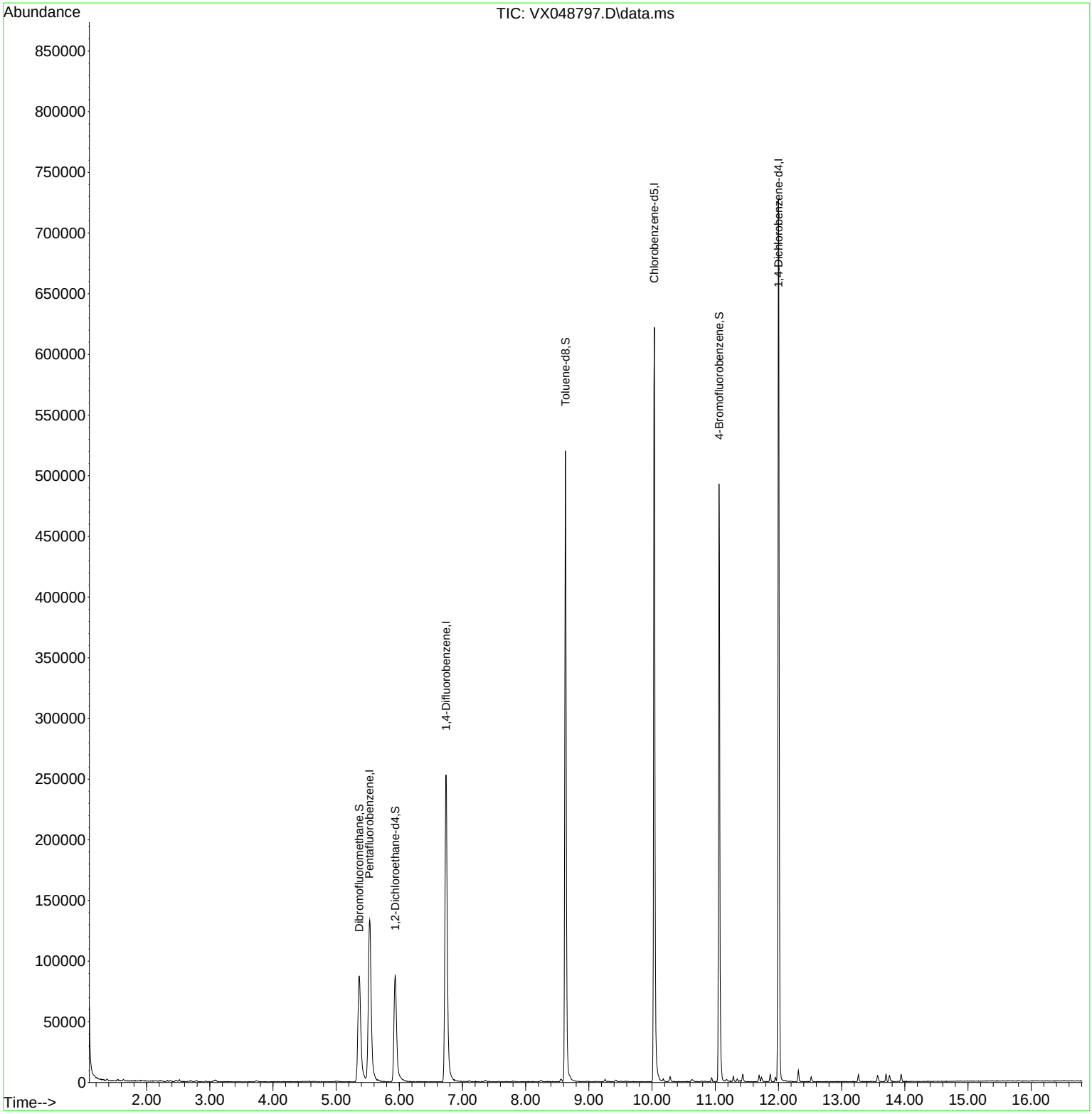
Target Compounds Qvalue

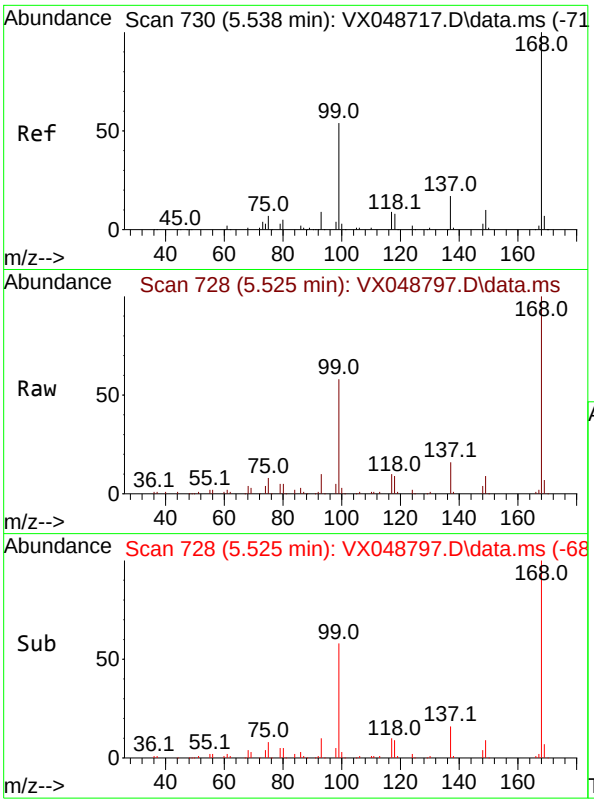
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



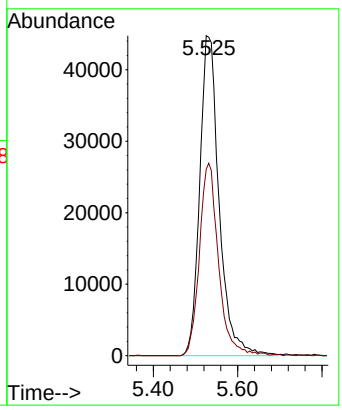


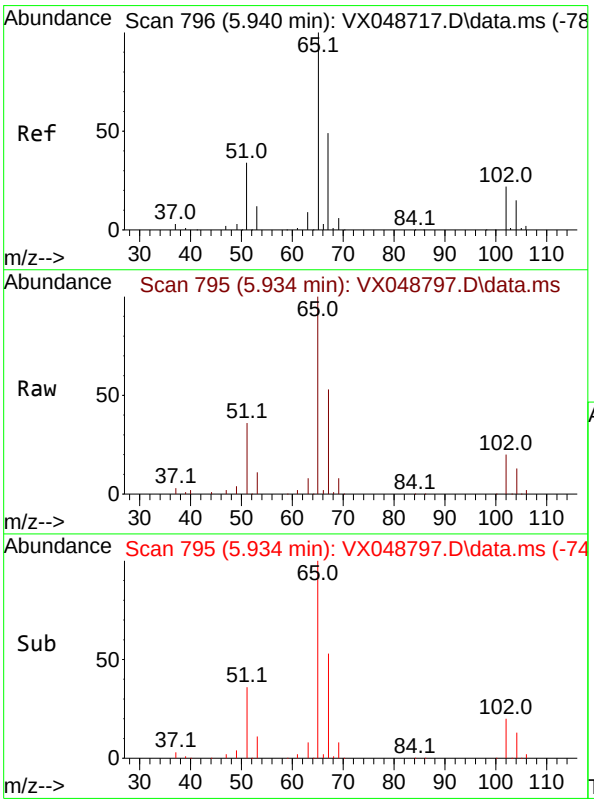
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:168 Resp: 143182

Ion	Ratio	Lower	Upper
168	100		
99	58.2	44.2	66.4

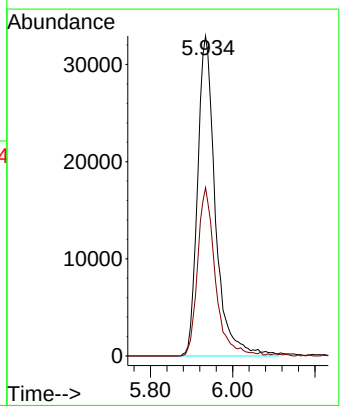


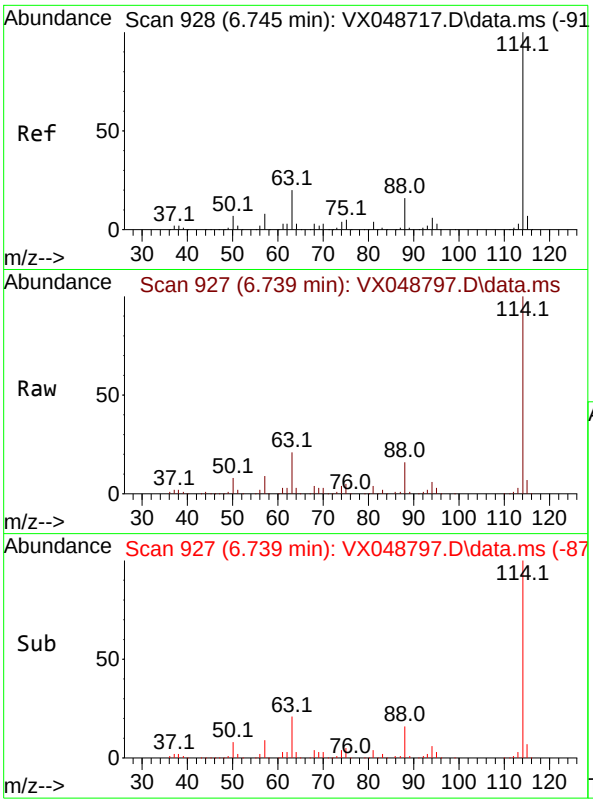


#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion: 65 Resp: 98828

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.4



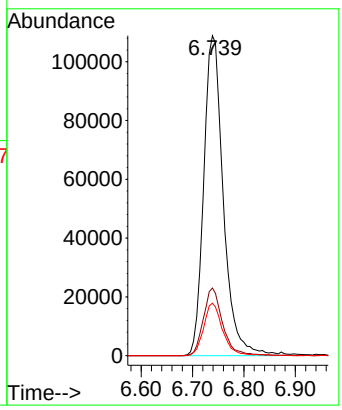


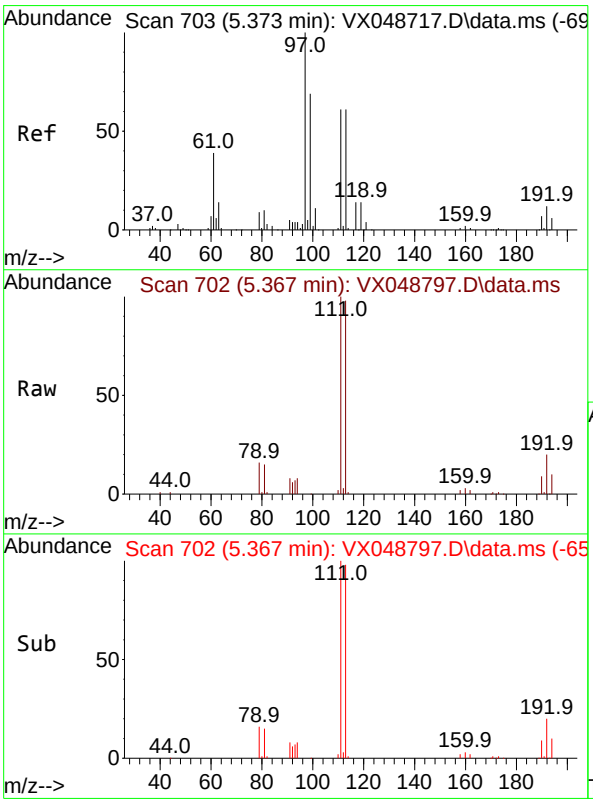
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

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

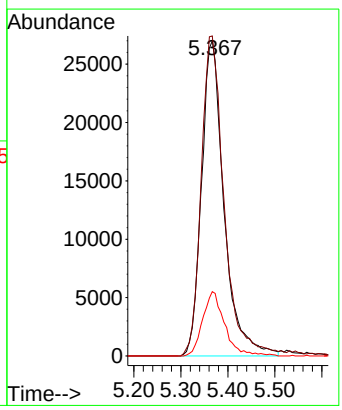


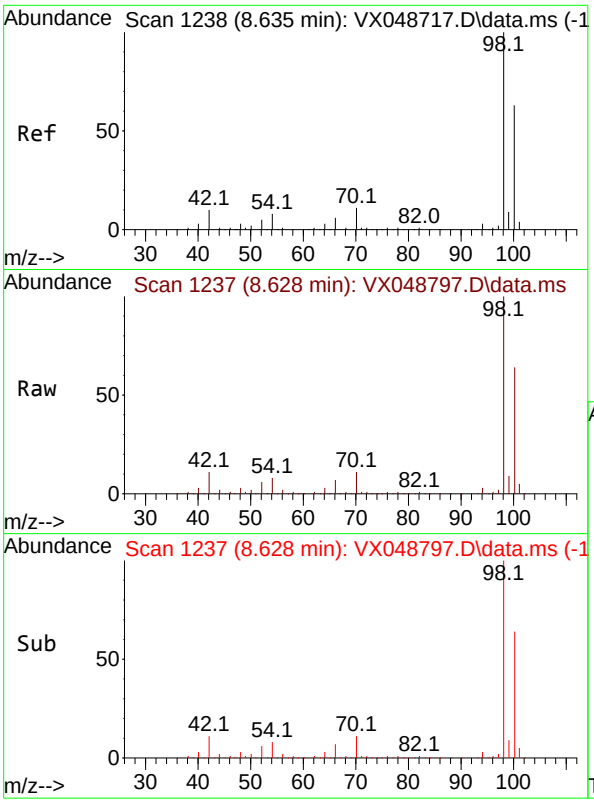


#35
Dibromofluoromethane
Concen: 45.172 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

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



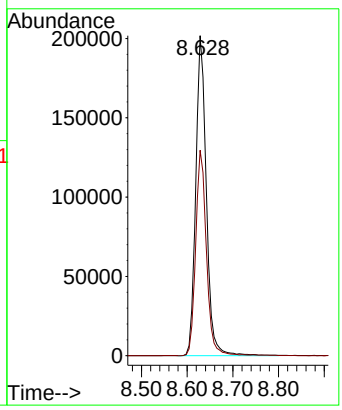


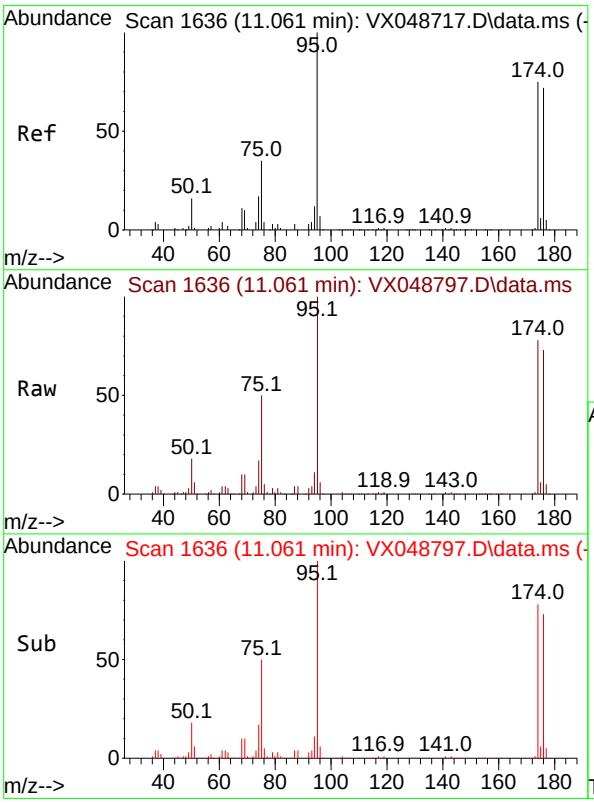
#50
Toluene-d8
Concen: 46.696 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion: 98 Resp: 324876

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.4	80.0

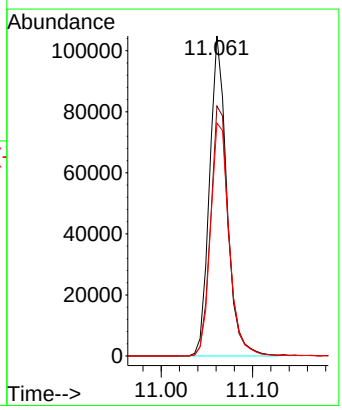


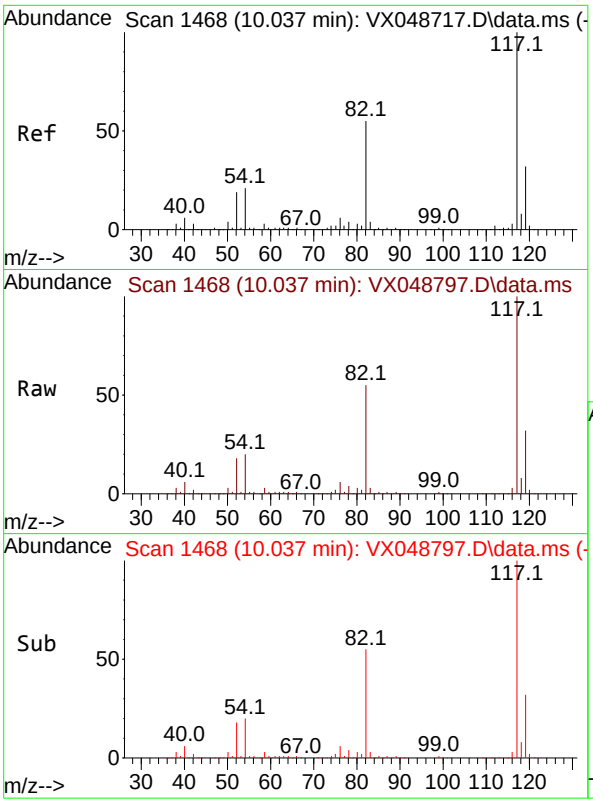


#62
4-Bromofluorobenzene
Concen: 57.242 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

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



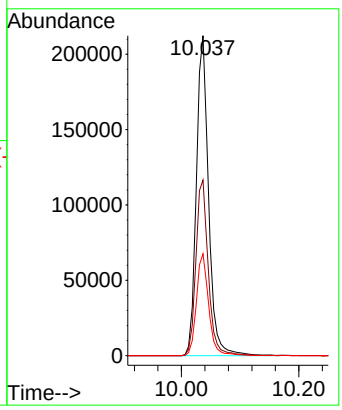


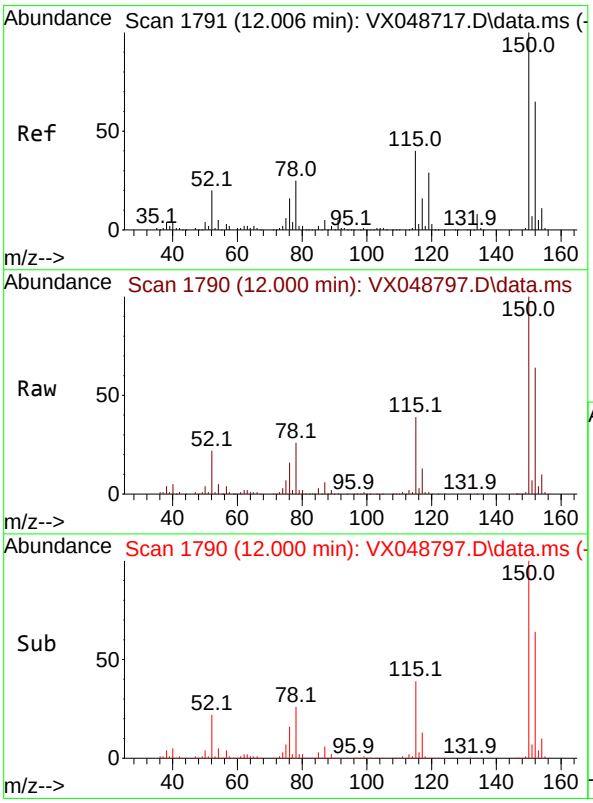
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

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

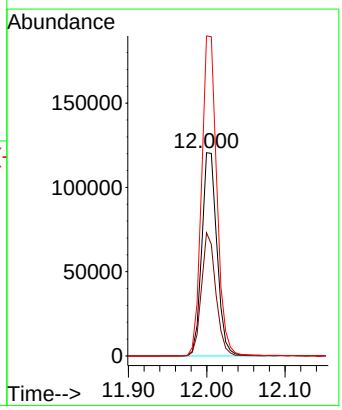




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

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

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)
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

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)
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)

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

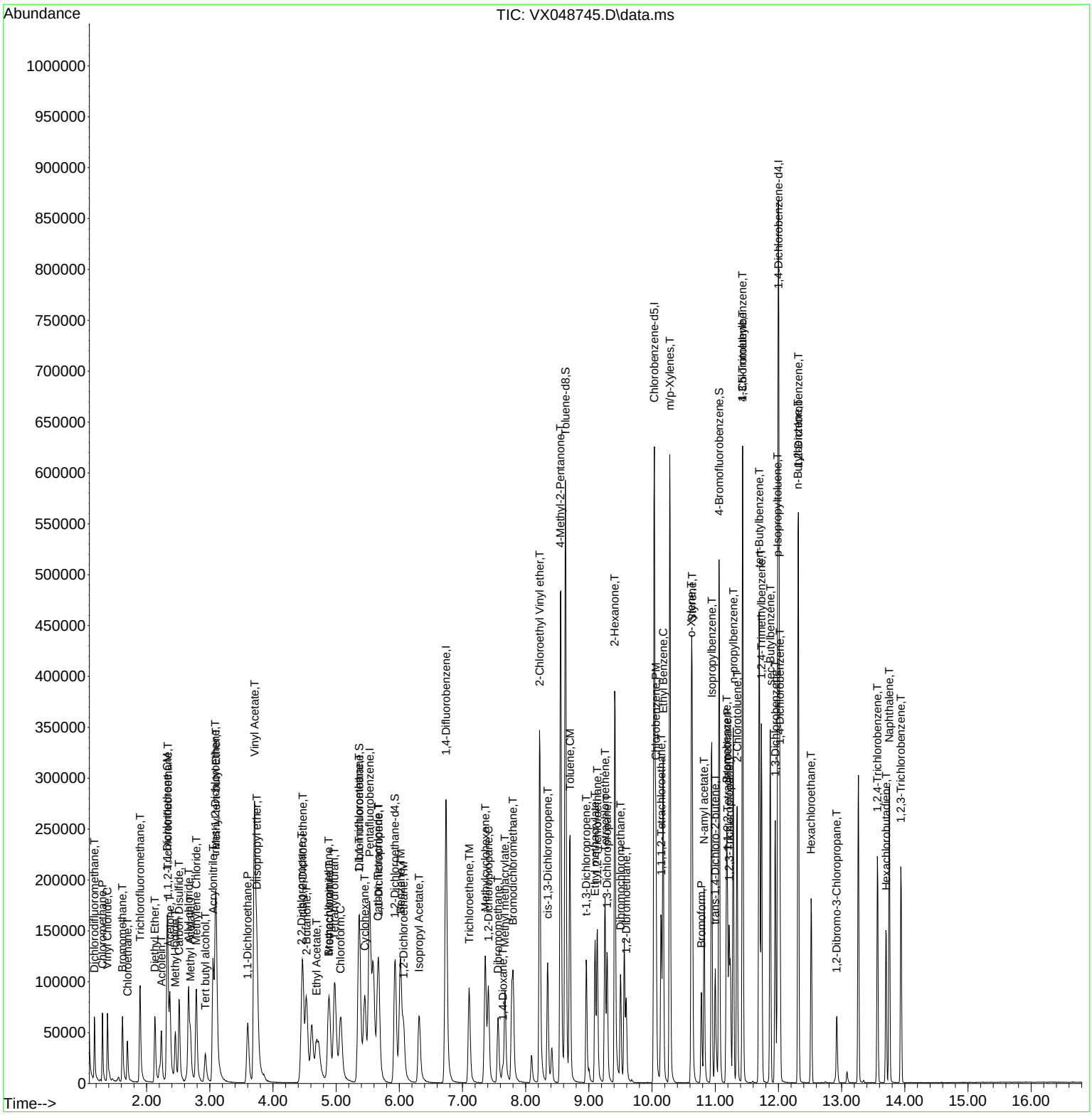
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048745.D
Acq On : 08 Dec 2025 11:44
Operator : JC/MD
Sample : VX1208WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	172951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	289026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	127982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	107937	46.498	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.000%		
35) Dibromofluoromethane	5.361	113	88867	44.656	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.320%		
50) Toluene-d8	8.628	98	313766	44.979	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.960%#		
62) 4-Bromofluorobenzene	11.061	95	111703	46.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	38081	21.610	ug/l	97
3) Chloromethane	1.300	50	40559	18.240	ug/l	99
4) Vinyl Chloride	1.380	62	41549	17.544	ug/l	97
5) Bromomethane	1.617	94	28865	19.723	ug/l	100
6) Chloroethane	1.697	64	25421	17.247	ug/l	96
7) Trichlorofluoromethane	1.898	101	60483	17.819	ug/l	95
8) Diethyl Ether	2.130	74	23832	17.591	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	34664	17.616	ug/l	98
10) Methyl Iodide	2.453	142	49459	17.656	ug/l	98
11) Tert butyl alcohol	2.922	59	31921	85.173	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34119	16.989	ug/l	95
13) Acrolein	2.233	56	35540	122.612	ug/l	97
14) Allyl chloride	2.666	41	65989	19.571	ug/l	99
15) Acrylonitrile	3.050	53	116893	100.098	ug/l	98
16) Acetone	2.367	43	89026	100.181	ug/l	97
17) Carbon Disulfide	2.514	76	100701	17.266	ug/l	98
18) Methyl Acetate	2.690	43	48622	19.446	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	124108	18.988	ug/l	99
20) Methylene Chloride	2.788	84	39649	17.850	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	36986	18.044	ug/l	99
22) Diisopropyl ether	3.739	45	130955	20.781	ug/l	84
23) Vinyl Acetate	3.702	43	559797	105.722	ug/l	97
24) 1,1-Dichloroethane	3.605	63	68569	19.513	ug/l	99
25) 2-Butanone	4.526	43	140416	107.060	ug/l	94
26) 2,2-Dichloropropane	4.458	77	57568	18.514	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	44176	19.099	ug/l	93
28) Bromochloromethane	4.885	49	33569	19.490	ug/l	84
29) Tetrahydrofuran	4.971	42	98618	98.473	ug/l	95
30) Chloroform	5.074	83	71019	18.861	ug/l	98
31) Cyclohexane	5.446	56	60101	19.156	ug/l	90
32) 1,1,1-Trichloroethane	5.367	97	62884	18.639	ug/l	98
36) 1,1-Dichloropropene	5.672	75	48110	17.651	ug/l	97
37) Ethyl Acetate	4.684	43	68083	20.904	ug/l	98
38) Carbon Tetrachloride	5.659	117	55496	17.975	ug/l	96
39) Methylcyclohexane	7.360	83	57786	17.929	ug/l	97
40) Benzene	6.019	78	149794	18.539	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	31012	20.928	ug/l		93
42) 1,2-Dichloroethane	6.068	62	54177	18.944	ug/l		96
43) Isopropyl Acetate	6.312	43	94882	19.239	ug/l		95
44) Trichloroethene	7.104	130	36998	17.549	ug/l		90
45) 1,2-Dichloropropane	7.409	63	38261	18.945	ug/l		100
46) Dibromomethane	7.568	93	28326	18.495	ug/l		98
47) Bromodichloromethane	7.799	83	57651	18.055	ug/l		98
48) Methyl methacrylate	7.671	41	46293	18.660	ug/l		98
49) 1,4-Dioxane	7.635	88	10003	293.180	ug/l		96
51) 4-Methyl-2-Pentanone	8.549	43	309825	101.214	ug/l		97
52) Toluene	8.702	92	94496	19.394	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	58051	19.110	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	62775	19.228	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	37754	19.258	ug/l		98
56) Ethyl methacrylate	9.098	69	60442	19.697	ug/l		99
57) 1,3-Dichloropropane	9.287	76	63894	19.600	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	152612	92.017	ug/l		97
59) 2-Hexanone	9.409	43	223072	103.811	ug/l		99
60) Dibromochloromethane	9.500	129	45837	18.908	ug/l		98
61) 1,2-Dibromoethane	9.592	107	40677	19.171	ug/l		100
64) Tetrachloroethene	9.256	164	32279	17.011	ug/l		97
65) Chlorobenzene	10.061	112	101616	17.833	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.140	131	36523	17.920	ug/l		98
67) Ethyl Benzene	10.177	91	172469	18.549	ug/l		98
68) m/p-Xylenes	10.281	106	133567	36.877	ug/l		99
69) o-Xylene	10.622	106	64240	18.928	ug/l		98
70) Styrene	10.634	104	110143	18.904	ug/l		98
71) Bromoform	10.780	173	31426	17.271	ug/l	#	99
73) Isopropylbenzene	10.945	105	164703	19.097	ug/l		100
74) N-amyl acetate	10.823	43	79173	21.128	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	55673	19.131	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	45308m	19.007	ug/l		
77) Bromobenzene	11.177	156	41826	18.170	ug/l		99
78) n-propylbenzene	11.286	91	194276	19.449	ug/l		100
79) 2-Chlorotoluene	11.347	91	116511	19.128	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	133756	18.868	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	19172	19.105	ug/l		94
82) 4-Chlorotoluene	11.433	91	136381	19.187	ug/l		99
83) tert-Butylbenzene	11.695	119	132907	18.043	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	135838	18.995	ug/l		99
85) sec-Butylbenzene	11.872	105	170558	19.106	ug/l		100
86) p-Isopropyltoluene	11.988	119	142787	18.712	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	76521	18.032	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	79274	18.077	ug/l		98
89) n-Butylbenzene	12.311	91	131918	18.464	ug/l		99
90) Hexachloroethane	12.518	117	26593	17.075	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	74334	18.068	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	12345	17.431	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	46131	16.977	ug/l		99
94) Hexachlorobutadiene	13.701	225	18539	16.495	ug/l		97
95) Naphthalene	13.756	128	146332	20.573	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	43539	17.375	ug/l		98

Sample Results: **VX048773.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

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

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

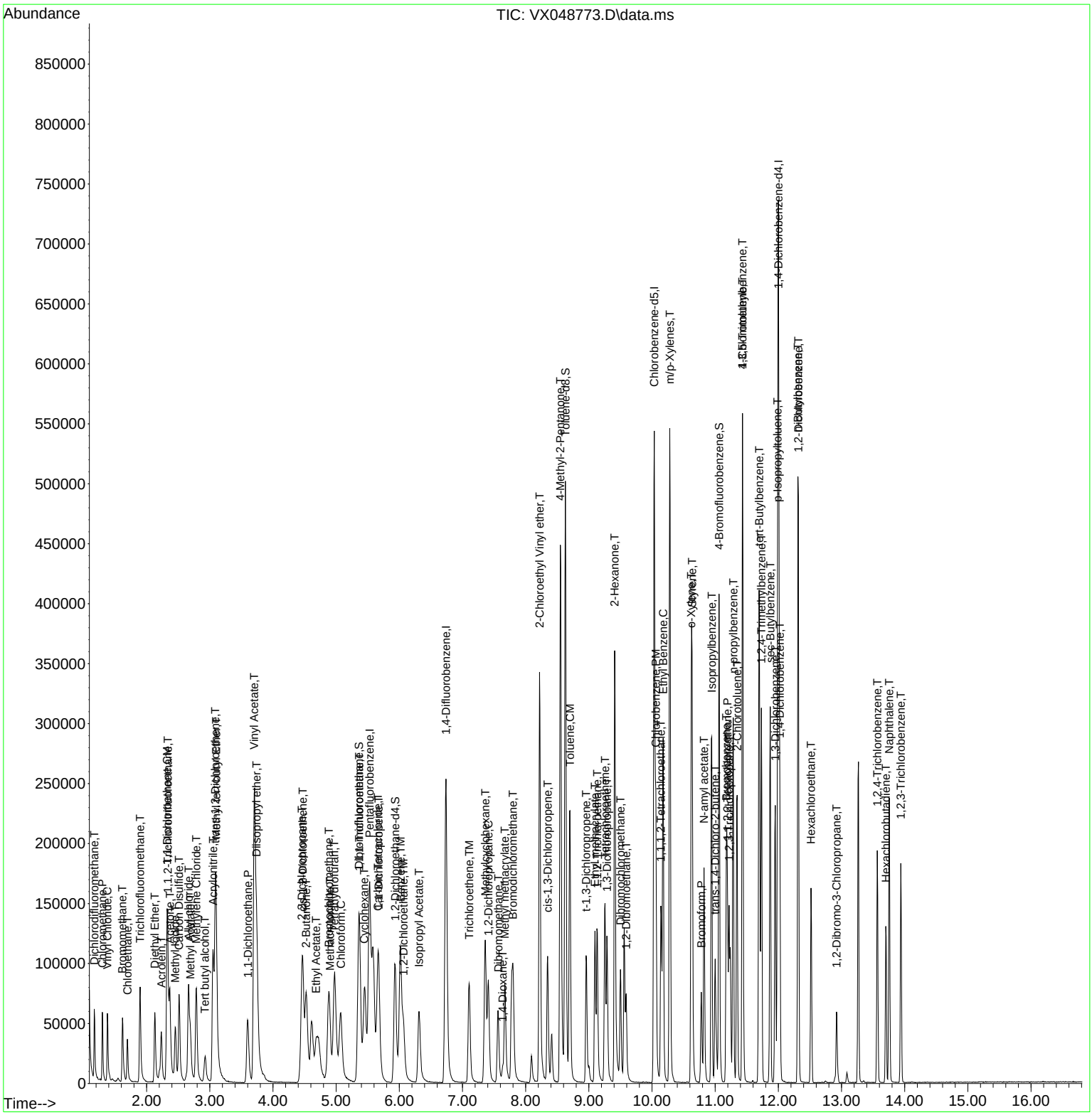
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



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

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

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

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

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

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

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

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

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

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

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

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

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

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

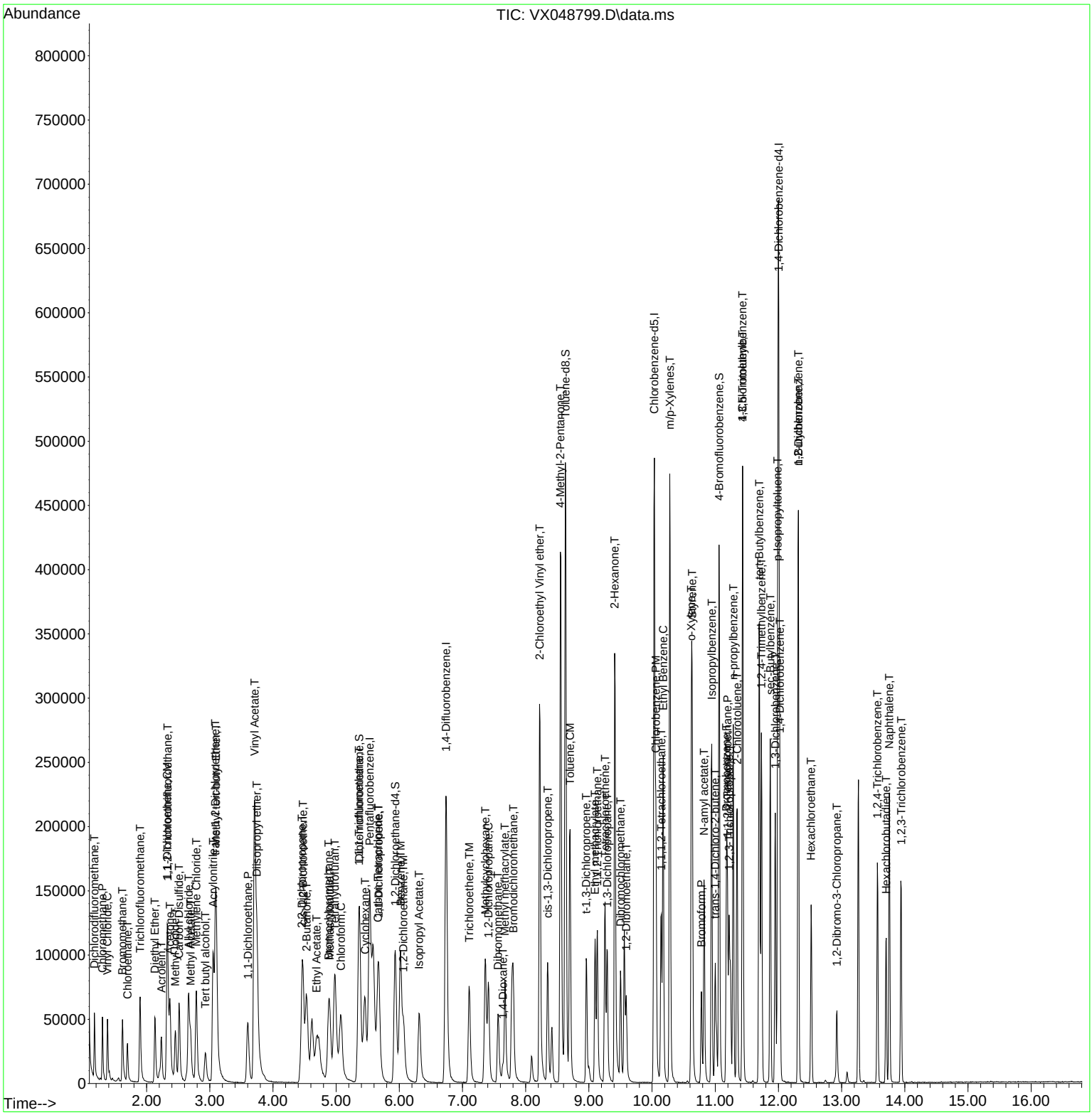
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048799.D
Acq On : 10 Dec 2025 10:58
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

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



Sample Results: **VX048793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 00:30:21 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 :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	135862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	235253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86491	47.431	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.860%			
35) Dibromofluoromethane	5.367	113	70662	43.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.240%			
50) Toluene-d8	8.635	98	247323	43.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 87.120%#			
62) 4-Bromofluorobenzene	11.061	95	92199	47.090	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	73772	53.293	ug/l	98
3) Chloromethane	1.301	50	86461	49.496	ug/l	98
4) Vinyl Chloride	1.380	62	86180	46.324	ug/l	99
5) Bromomethane	1.618	94	58836	51.176	ug/l	99
6) Chloroethane	1.697	64	52239	45.118	ug/l	93
7) Trichlorofluoromethane	1.898	101	117779	44.173	ug/l	99
8) Diethyl Ether	2.136	74	51205	48.114	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	65619	42.452	ug/l	100
10) Methyl Iodide	2.459	142	109394	49.711	ug/l	100
11) Tert butyl alcohol	2.934	59	84817	288.095	ug/l	100
12) 1,1-Dichloroethene	2.325	96	256746	162.740	ug/l	95
13) Acrolein	2.233	56	77904	270.202	ug/l	99
14) Allyl chloride	2.666	41	141576	53.451	ug/l	99
15) Acrylonitrile	3.056	53	261289	284.829	ug/l	99
16) Acetone	2.374	43	213792	306.257	ug/l	99
17) Carbon Disulfide	2.514	76	225734	49.271	ug/l	99
18) Methyl Acetate	2.697	43	108805	55.396	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	276190	53.793	ug/l	98
20) Methylene Chloride	2.788	84	85693	49.111	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	96662	60.032	ug/l	92
22) Diisopropyl ether	3.751	45	276574	55.870	ug/l	98
23) Vinyl Acetate	3.709	43	1228265	295.293	ug/l	98
24) 1,1-Dichloroethane	3.605	63	172431	62.464	ug/l	99
25) 2-Butanone	4.532	43	338813	328.849	ug/l	94
26) 2,2-Dichloropropane	4.471	77	117054	47.923	ug/l	91
27) cis-1,2-Dichloroethene	4.477	96	250899	138.086	ug/l	98
28) Bromochloromethane	4.885	49	58780	43.443	ug/l	88
29) Tetrahydrofuran	4.983	42	230997	293.623	ug/l	94
30) Chloroform	5.080	83	152100	51.422	ug/l	98
31) Cyclohexane	5.458	56	109996	44.630	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	125868	47.493	ug/l	97
36) 1,1-Dichloropropene	5.684	75	95456	43.026	ug/l	98
37) Ethyl Acetate	4.696	43	141688	53.448	ug/l	99
38) Carbon Tetrachloride	5.666	117	110526	43.982	ug/l	96
39) Methylcyclohexane	7.367	83	107842	41.108	ug/l	97
40) Benzene	6.025	78	322873	49.092	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 00:30:21 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 :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	67710	56.137	ug/l		96
42) 1,2-Dichloroethane	6.074	62	127152	54.623	ug/l		99
43) Isopropyl Acetate	6.318	43	210357	52.404	ug/l		97
44) Trichloroethene	7.111	130	124536	72.571	ug/l		96
45) 1,2-Dichloropropane	7.415	63	81628	49.658	ug/l		100
46) Dibromomethane	7.568	93	61457	49.301	ug/l		100
47) Bromodichloromethane	7.806	83	123473	47.508	ug/l		96
48) Methyl methacrylate	7.678	41	104806	51.903	ug/l		98
49) 1,4-Dioxane	7.641	88	36430	1311.794	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	686301	275.449	ug/l		100
52) Toluene	8.702	92	201614	50.837	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	129406	52.337	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	134574	50.643	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	81207	50.891	ug/l		95
56) Ethyl methacrylate	9.098	69	139651	55.912	ug/l		99
57) 1,3-Dichloropropane	9.293	76	136275	51.359	ug/l		99
59) 2-Hexanone	9.415	43	510215	291.712	ug/l		100
60) Dibromochloromethane	9.506	129	99011	50.179	ug/l		98
61) 1,2-Dibromoethane	9.592	107	87969	50.936	ug/l		100
64) Tetrachloroethene	9.257	164	64007	41.260	ug/l		98
65) Chlorobenzene	10.061	112	220538	47.341	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	78469	47.094	ug/l		99
67) Ethyl Benzene	10.177	91	370452	48.733	ug/l		100
68) m/p-Xylenes	10.287	106	282883	95.532	ug/l		98
69) o-Xylene	10.622	106	138772	50.013	ug/l		98
70) Styrene	10.634	104	241974	50.799	ug/l		99
71) Bromoform	10.781	173	72040	48.428	ug/l	#	99
73) Isopropylbenzene	10.945	105	341213	47.410	ug/l		100
74) N-amyl acetate	10.823	43	176401	56.410	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	123420	50.823	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	99943m	50.243	ug/l		
77) Bromobenzene	11.177	156	92358	48.079	ug/l		96
78) n-propylbenzene	11.287	91	399588	47.938	ug/l		100
79) 2-Chlorotoluene	11.348	91	242953	47.798	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	279665	47.274	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	43166	51.547	ug/l	#	79
82) 4-Chlorotoluene	11.433	91	285817	48.186	ug/l		99
83) tert-Butylbenzene	11.695	119	285168	46.392	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	287351	48.152	ug/l		99
85) sec-Butylbenzene	11.872	105	340091	45.652	ug/l		99
86) p-Isopropyltoluene	11.988	119	288197	45.258	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	165194	46.649	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	169404	46.292	ug/l		99
89) n-Butylbenzene	12.311	91	263521	44.199	ug/l		100
90) Hexachloroethane	12.518	117	55057	42.363	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	161948	47.171	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	27689	46.850	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	100514	44.328	ug/l		98
94) Hexachlorobutadiene	13.707	225	37509	39.992	ug/l		96
95) Naphthalene	13.756	128	350323	53.803	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	96168	45.989	ug/l		99

Sample Results: **VX048793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 00:30:21 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 :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

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

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

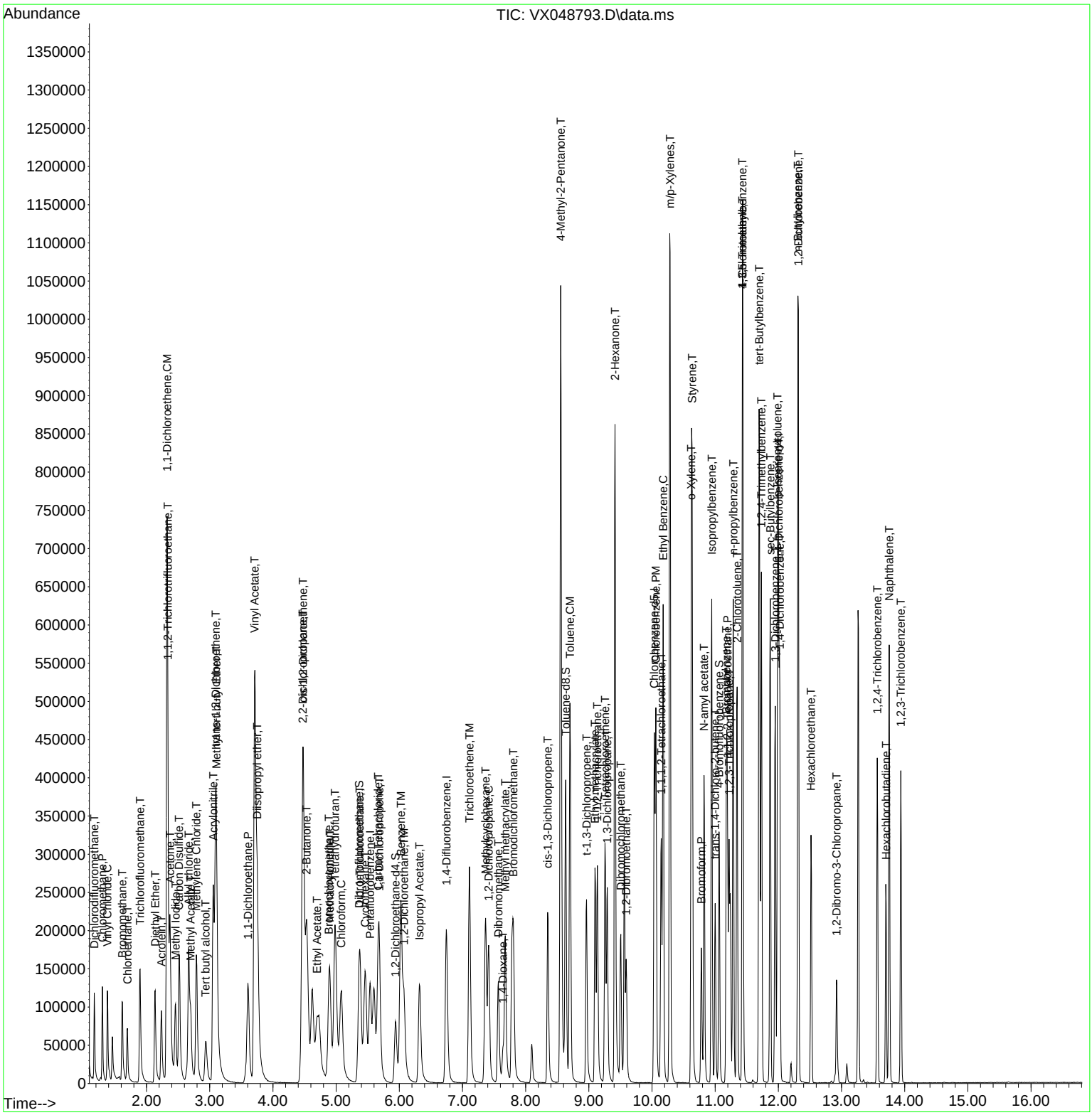
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 00:30:21 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 :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 00:18:37 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 :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	135940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	240144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103307	56.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.240%			
35) Dibromofluoromethane	5.373	113	83892	50.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.635	98	285687	49.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.061	95	105889	52.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	81540	58.870	ug/l	97
3) Chloromethane	1.301	50	95748	54.781	ug/l	98
4) Vinyl Chloride	1.386	62	94039	50.520	ug/l	100
5) Bromomethane	1.618	94	66896	58.154	ug/l	98
6) Chloroethane	1.697	64	57507	49.639	ug/l	99
7) Trichlorofluoromethane	1.898	101	130671	48.980	ug/l	99
8) Diethyl Ether	2.136	74	59537	55.911	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	74729	48.317	ug/l	99
10) Methyl Iodide	2.459	142	124403	56.499	ug/l	100
11) Tert butyl alcohol	2.934	59	86113	292.329	ug/l	99
12) 1,1-Dichloroethene	2.325	96	235971	149.486	ug/l	99
13) Acrolein	2.233	56	100392	336.432	ug/l	100
14) Allyl chloride	2.666	41	155415	58.642	ug/l	99
15) Acrylonitrile	3.056	53	287107	312.793	ug/l	99
16) Acetone	2.374	43	244967	350.714	ug/l	99
17) Carbon Disulfide	2.520	76	295598	64.483	ug/l	99
18) Methyl Acetate	2.697	43	122780	62.476	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	310256	60.393	ug/l	96
20) Methylene Chloride	2.794	84	98797	56.589	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	104314	64.747	ug/l	97
22) Diisopropyl ether	3.751	45	319958	64.597	ug/l	97
23) Vinyl Acetate	3.715	43	1433465	344.429	ug/l	97
24) 1,1-Dichloroethane	3.605	63	188848	68.372	ug/l	99
25) 2-Butanone	4.538	43	372205	361.052	ug/l	95
26) 2,2-Dichloropropane	4.471	77	135308	55.364	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	256423	141.045	ug/l	97
28) Bromochloromethane	4.891	49	72321	53.420	ug/l	87
29) Tetrahydrofuran	4.983	42	248048	315.116	ug/l	95
30) Chloroform	5.086	83	172718	58.359	ug/l	97
31) Cyclohexane	5.464	56	123528	50.092	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	140608	53.024	ug/l	96
36) 1,1-Dichloropropene	5.684	75	105364	46.525	ug/l	100
37) Ethyl Acetate	4.690	43	173099	63.967	ug/l	98
38) Carbon Tetrachloride	5.666	117	120680	47.045	ug/l	96
39) Methylcyclohexane	7.367	83	121764	45.470	ug/l	96
40) Benzene	6.025	78	363394	54.128	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 00:18:37 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 :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	76440	62.084	ug/l		96
42) 1,2-Dichloroethane	6.074	62	144386	60.764	ug/l		98
43) Isopropyl Acetate	6.324	43	240230	58.627	ug/l		98
44) Trichloroethene	7.110	130	123553	70.532	ug/l		97
45) 1,2-Dichloropropane	7.415	63	93799	55.900	ug/l		98
46) Dibromomethane	7.568	93	69618	54.710	ug/l		99
47) Bromodichloromethane	7.805	83	141319	53.267	ug/l		96
48) Methyl methacrylate	7.677	41	117192	56.855	ug/l		99
49) 1,4-Dioxane	7.641	88	31654	1116.602	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	777250	305.598	ug/l		99
52) Toluene	8.702	92	226550	55.961	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	146830	58.174	ug/l		97
54) cis-1,3-Dichloropropene	8.348	75	154983	57.136	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	93455	57.374	ug/l		98
56) Ethyl methacrylate	9.098	69	158829	62.296	ug/l		100
57) 1,3-Dichloropropane	9.293	76	158429	58.493	ug/l		99
59) 2-Hexanone	9.415	43	578128	323.809	ug/l		99
60) Dibromochloromethane	9.506	129	113475	56.338	ug/l		99
61) 1,2-Dibromoethane	9.592	107	99150	56.241	ug/l		98
64) Tetrachloroethene	9.256	164	70144	44.336	ug/l		98
65) Chlorobenzene	10.061	112	250428	52.711	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	91020	53.563	ug/l		98
67) Ethyl Benzene	10.177	91	415201	53.557	ug/l		98
68) m/p-Xylenes	10.287	106	321363	106.416	ug/l		97
69) o-Xylene	10.622	106	156529	55.315	ug/l		98
70) Styrene	10.640	104	272688	56.133	ug/l		99
71) Bromoform	10.781	173	80660	53.168	ug/l	#	99
73) Isopropylbenzene	10.945	105	383893	51.833	ug/l		99
74) N-amyl acetate	10.823	43	201939	62.752	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	140146	56.081	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	112448m	54.933	ug/l		
77) Bromobenzene	11.183	156	104461	52.844	ug/l		99
78) n-propylbenzene	11.287	91	447602	52.181	ug/l		99
79) 2-Chlorotoluene	11.348	91	275343	52.640	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	321637	52.833	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	50706	58.841	ug/l	#	77
82) 4-Chlorotoluene	11.433	91	329661	54.008	ug/l		99
83) tert-Butylbenzene	11.695	119	328897	51.995	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	325878	53.066	ug/l		100
85) sec-Butylbenzene	11.872	105	383423	50.015	ug/l		99
86) p-Isopropyltoluene	11.988	119	329860	50.338	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	190566	52.294	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	190715	50.644	ug/l		98
89) n-Butylbenzene	12.311	91	299686	48.845	ug/l		100
90) Hexachloroethane	12.518	117	63630	47.576	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	182424	51.634	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	31843	52.357	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	115578	49.532	ug/l		100
94) Hexachlorobutadiene	13.707	225	40076	41.522	ug/l		96
95) Naphthalene	13.756	128	397534	58.338	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	107060	49.751	ug/l		98

Sample Results: **VX048776.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 00:18:37 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 :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

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

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

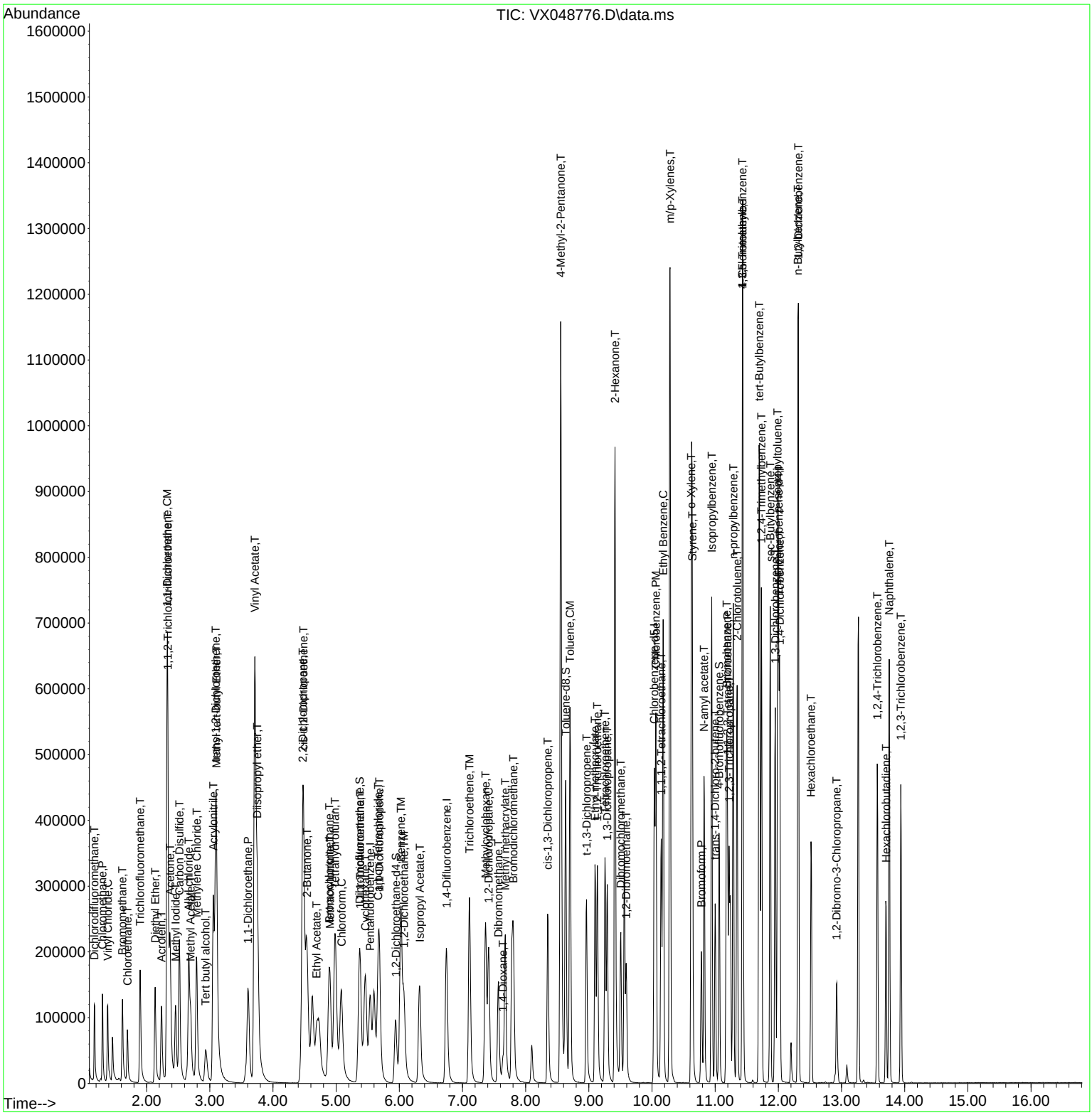
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 00:18:37 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 :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



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

Manual Integration Report

Sequence:	VX120425	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	VX120425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	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
VSTDICC005	VX048715.D	Toluene-d8	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	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
VSTDICC020	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
VSTDICCC050	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
VSTDICC100	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
VSTDICC150	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

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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
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

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Manual Integration Report

Sequence:	VX120925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048768.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:08:21 AM	MMDadoda	12/10/2025 11:32:18 AM	Peak Integrated by Software
VX1209WBS02	VX048773.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:08:31 AM	MMDadoda	12/10/2025 11:32:24 AM	Peak Integrated by Software
Q3788-03MSD	VX048776.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:08:50 AM	MMDadoda	12/10/2025 11:32:31 AM	Peak Integrated by Software
Q3788-02MS	VX048793.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:09:57 AM	MMDadoda	12/10/2025 11:33:10 AM	Peak Integrated by Software
VSTDCCC050	VX048794.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:10:02 AM	MMDadoda	12/10/2025 11:33:13 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX121025	Instrument	MSVOA_x

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VSTDICC001	VX048714.D	04 Dec 2025 08:47	JC/MD	Ok,M
3	VSTDICC005	VX048715.D	04 Dec 2025 09:16	JC/MD	Ok,M
4	VSTDICC020	VX048716.D	04 Dec 2025 09:36	JC/MD	Ok,M
5	VSTDICCC050	VX048717.D	04 Dec 2025 09:57	JC/MD	Ok,M
6	VSTDICC100	VX048718.D	04 Dec 2025 10:17	JC/MD	Ok,M
7	VSTDICC150	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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048767.D	09 Dec 2025 08:16	JC/MD	Ok
2	VSTDCCC050	VX048768.D	09 Dec 2025 09:25	JC/MD	Ok,M
3	VX1209WBL01	VX048769.D	09 Dec 2025 09:46	JC/MD	Ok
4	VX1209MBL01	VX048770.D	09 Dec 2025 10:06	JC/MD	Ok
5	Q3803-01	VX048771.D	09 Dec 2025 10:36	JC/MD	Not Ok
6	VX1209WBS01	VX048772.D	09 Dec 2025 10:56	JC/MD	Not Ok
7	VX1209WBS02	VX048773.D	09 Dec 2025 11:24	JC/MD	Ok,M
8	Q3788-01	VX048774.D	09 Dec 2025 11:45	JC/MD	Ok
9	Q3788-02MS	VX048775.D	09 Dec 2025 12:05	JC/MD	Not Ok
10	Q3788-03MSD	VX048776.D	09 Dec 2025 12:25	JC/MD	Ok,M
11	Q3803-01	VX048777.D	09 Dec 2025 12:46	JC/MD	Ok,M
12	Q3803-02	VX048778.D	09 Dec 2025 13:06	JC/MD	Ok,M
13	Q3803-03	VX048779.D	09 Dec 2025 13:26	JC/MD	Ok,M
14	Q3803-04	VX048780.D	09 Dec 2025 13:47	JC/MD	Ok
15	Q3803-05	VX048781.D	09 Dec 2025 14:07	JC/MD	Ok
16	Q3803-06	VX048782.D	09 Dec 2025 14:27	JC/MD	Ok
17	Q3803-07	VX048783.D	09 Dec 2025 14:48	JC/MD	Ok,M
18	Q3803-08	VX048784.D	09 Dec 2025 15:08	JC/MD	Dilution
19	Q3803-09	VX048785.D	09 Dec 2025 15:29	JC/MD	Dilution
20	Q3803-10	VX048786.D	09 Dec 2025 15:49	JC/MD	ReRun
21	Q3803-11	VX048787.D	09 Dec 2025 16:09	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3803-12	VX048788.D	09 Dec 2025 16:30	JC/MD	ReRun
23	Q3803-13	VX048789.D	09 Dec 2025 16:50	JC/MD	ReRun
24	Q3803-14	VX048790.D	09 Dec 2025 17:11	JC/MD	Ok
25	IBLK	VX048791.D	09 Dec 2025 17:31	JC/MD	Ok
26	VX1209WBSD02	VX048792.D	09 Dec 2025 17:52	JC/MD	Not Ok
27	Q3788-02MS	VX048793.D	09 Dec 2025 18:12	JC/MD	Ok,M
28	VSTDCCC050	VX048794.D	09 Dec 2025 18:32	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	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-42.5-120425M	VX048750.D	08 Dec 2025 13:35	Not Spiked	JC/MD	Not Ok
11	Q3787-03MSD	MW-15B-42.5-120425M	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-F	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-F	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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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	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-42.5-120425M	VX048764.D	08 Dec 2025 18:22	vial A pH<2	JC/MD	Ok,M
25	Q3787-03MSD	MW-15B-42.5-120425M	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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048767.D	09 Dec 2025 08:16		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048768.D	09 Dec 2025 09:25	pH#Lot#V12668	JC/MD	Ok,M
3	VX1209WBL01	VX1209WBL01	VX048769.D	09 Dec 2025 09:46		JC/MD	Ok
4	VX1209MBL01	VX1209MBL01	VX048770.D	09 Dec 2025 10:06		JC/MD	Ok
5	Q3803-01	CHASE-A	VX048771.D	09 Dec 2025 10:36	Need straight run	JC/MD	Not Ok
6	VX1209WBS01	VX1209WBS01	VX048772.D	09 Dec 2025 10:56	Recovery fail	JC/MD	Not Ok
7	VX1209WBS02	VX1209WBS02	VX048773.D	09 Dec 2025 11:24		JC/MD	Ok,M
8	Q3788-01	OWBR-05-135-120525	VX048774.D	09 Dec 2025 11:45	vial A pH<2	JC/MD	Ok
9	Q3788-02MS	OWBR-05-135-120525I	VX048775.D	09 Dec 2025 12:05	Recovery Fail For Many Compund	JC/MD	Not Ok
10	Q3788-03MSD	OWBR-05-135-120525I	VX048776.D	09 Dec 2025 12:25	vial A pH<2	JC/MD	Ok,M
11	Q3803-01	CHASE-A	VX048777.D	09 Dec 2025 12:46	vial A pH#5.0	JC/MD	Ok,M
12	Q3803-02	CHASE-B	VX048778.D	09 Dec 2025 13:06	vial A pH#5.0	JC/MD	Ok,M
13	Q3803-03	CHASE-C	VX048779.D	09 Dec 2025 13:26	vial A pH#5.0	JC/MD	Ok,M
14	Q3803-04	CHASE-D	VX048780.D	09 Dec 2025 13:47	vial A pH#5.0	JC/MD	Ok
15	Q3803-05	CHASE-E	VX048781.D	09 Dec 2025 14:07	vial A pH#5.0	JC/MD	Ok
16	Q3803-06	CHASE-F	VX048782.D	09 Dec 2025 14:27	vial A pH#5.0	JC/MD	Ok
17	Q3803-07	CHASE-G	VX048783.D	09 Dec 2025 14:48	vial A pH#5.0	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3803-08	CHASE-H	VX048784.D	09 Dec 2025 15:08	vial A pH#5.0 Need 5X	JC/MD	Dilution
19	Q3803-09	CHASE-I	VX048785.D	09 Dec 2025 15:29	vial A pH#5.0 Need 10X	JC/MD	Dilution
20	Q3803-10	CHASE-J	VX048786.D	09 Dec 2025 15:49	Internal standard fail;Surrogate fail	JC/MD	ReRun
21	Q3803-11	CHASE-K	VX048787.D	09 Dec 2025 16:09	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
22	Q3803-12	CHASE-L	VX048788.D	09 Dec 2025 16:30	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
23	Q3803-13	CHASE-M	VX048789.D	09 Dec 2025 16:50	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
24	Q3803-14	CHASE-N	VX048790.D	09 Dec 2025 17:11	vial A pH#5.0	JC/MD	Ok
25	IBLK	IBLK	VX048791.D	09 Dec 2025 17:31		JC/MD	Ok
26	VX1209WBSD02	VX1209WBSD02	VX048792.D	09 Dec 2025 17:52	Recovery fail	JC/MD	Not Ok
27	Q3788-02MS	OWBR-05-135-120525I	VX048793.D	09 Dec 2025 18:12	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX048794.D	09 Dec 2025 18:32		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	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-02-170-120425I	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-51.5-120425R	VX048809.D	10 Dec 2025 14:30	vial B pH<2 Surrogate fail	JC/MD	Confirms
16	Q3787-13RE	OW-03B-51.5-120425-I	VX048810.D	10 Dec 2025 14:51	vial B pH<2 Surrogate fail	JC/MD	Confirms
17	Q3787-17RE	OW-08B-72.5-120425-I	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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch 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	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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	BR-05-465-120525RE	VX048815.D	10 Dec 2025 16:34	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
22	Q3788-11RE	MW-16B-87.5-120525R	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

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LAB CHRONICLE

OrderID:	Q3788	**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
Q3788-01	**OWBR-05-135-120525**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/09/25	
Q3788-04	**OWBR-05-135-120525-SIM**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/08/25	
Q3788-07	**OW-01B-66.5-120525**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/10/25	
Q3788-08	**OW-01B-66.5-120525-SIM**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/10/25	
Q3788-09	**BR-05-465-120525**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/08/25	
Q3788-09RE	**BR-05-465-120525RE**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/10/25	
Q3788-10	**BR-05-465-120525-SIM**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/10/25	
Q3788-10RE	**BR-05-465-120525-SIMRE**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/10/25	
Q3788-11	**MW-16B-87.5-120525**	**Water**			**12/05/25**			**12/05/25**

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LAB CHRONICLE

			VOCMS Group3	8260-Low		12/08/25	
Q3788-11RE	**MW-16B-87.5-120525 RE**	**Water**			**12/05/25**		**12/05/25**
			VOCMS Group3	8260-Low		12/10/25	
Q3788-12	**MW-16B-87.5-120525 -SIM**	**Water**			**12/05/25**		**12/05/25**
			VOC-SIM	SFAM_VOCSIM		12/10/25	
Q3788-13	**TB01-120525**	**Water**			**12/05/25**		**12/05/25**
			VOCMS Group3	8260-Low		12/08/25	
			VOC-SIM	SFAM_VOCSIM		12/08/25	
Q3788-14	**VHBLK001**	**Water**			**12/05/25**		**12/05/25**
			VOC-SIM	SFAM_VOCSIM		12/10/25	