

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088109.D
 Acq On : 27 Oct 2025 13:31
 Operator : JC\MD
 Sample : Q3464-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Quant Time: Oct 28 01:26:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

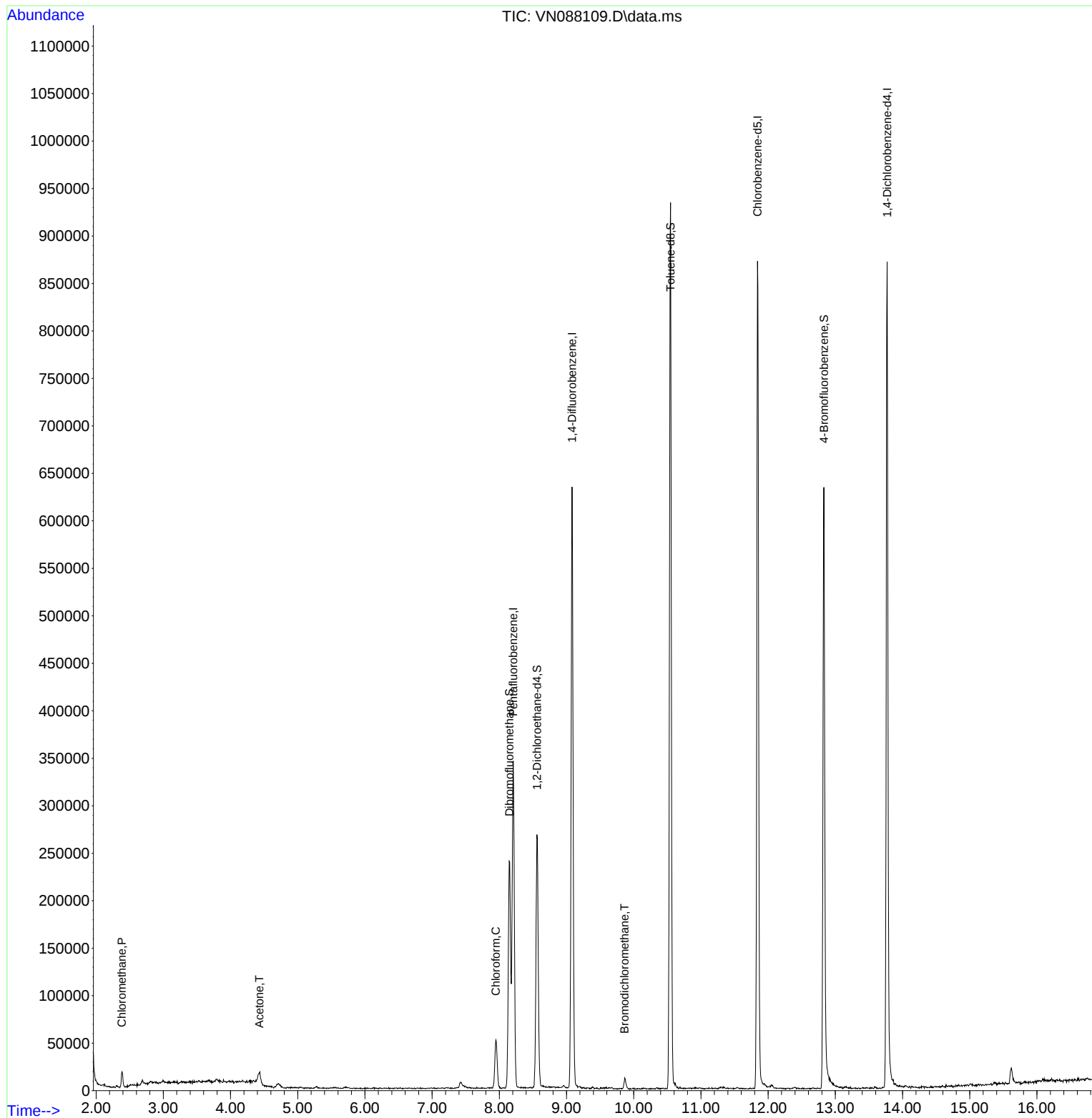
Internal Standards						
1) Pentafluorobenzene	8.206	168	223573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	506770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	486491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	231113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	228087	58.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.000%
35) Dibromofluoromethane	8.147	113	173646	51.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.000%
50) Toluene-d8	10.547	98	622675	47.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.829	95	233072	50.309	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.620%
Target Compounds						
						Qvalue
3) Chloromethane	2.383	50	16871	5.686	ug/l	99
16) Acetone	4.430	43	25969	13.371	ug/l	92
30) Chloroform	7.947	83	48967	8.542	ug/l	99
47) Bromodichloromethane	9.865	83	7823	1.433	ug/l	95

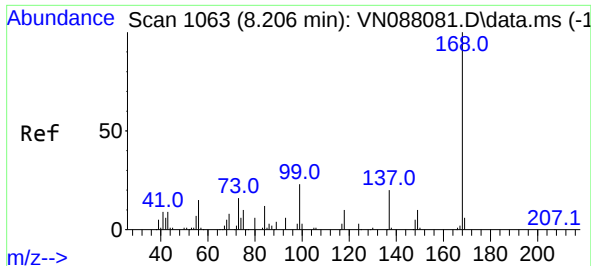
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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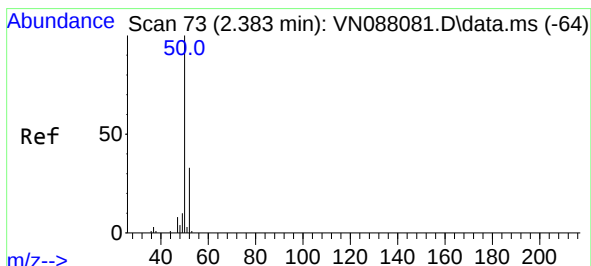
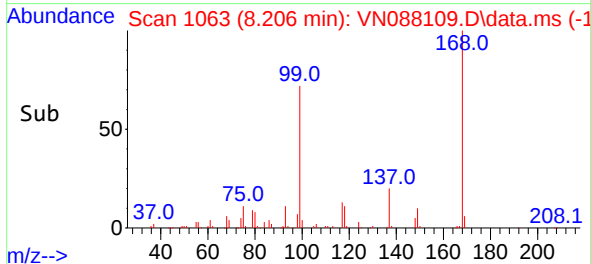
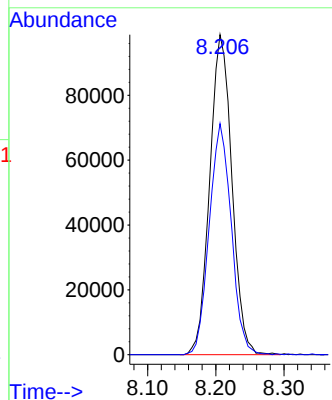
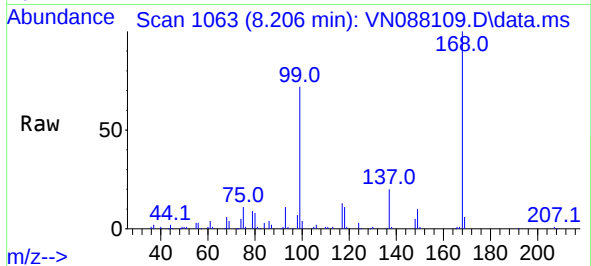




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

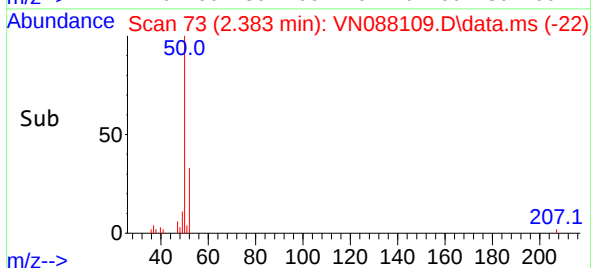
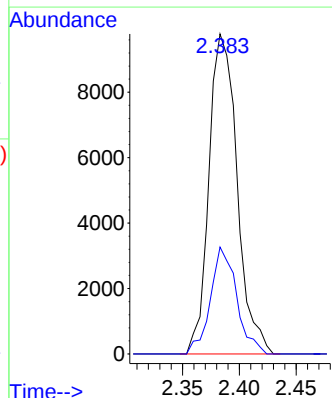
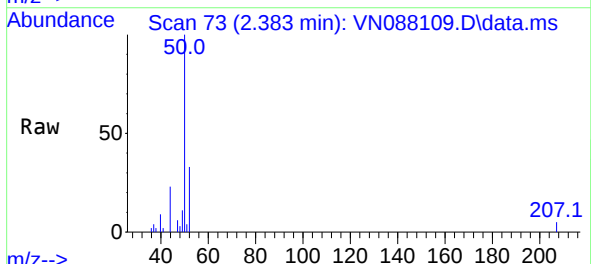
Instrument :
MSVOA_N
ClientSampleId :
MW3

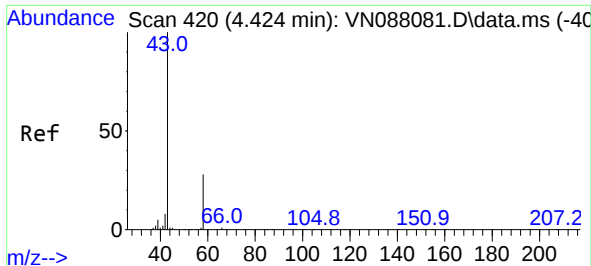
Tgt Ion:168 Resp: 223573
Ion Ratio Lower Upper
168 100
99 72.2 57.2 85.8



#3
Chloromethane
Concen: 5.686 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

Tgt Ion: 50 Resp: 16871
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4

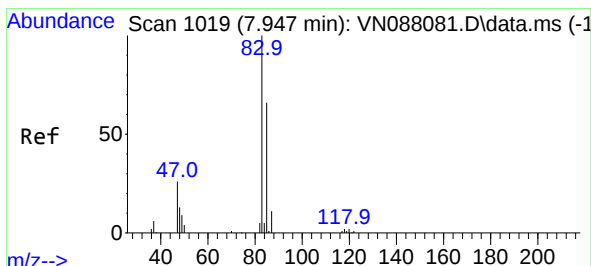
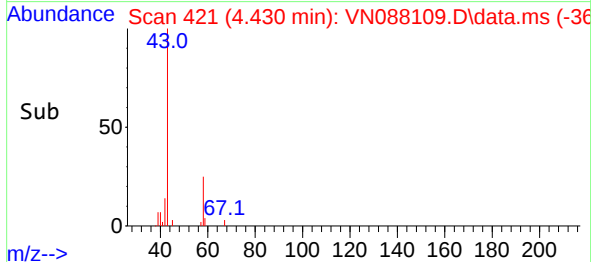
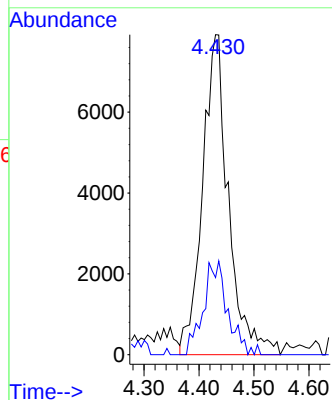
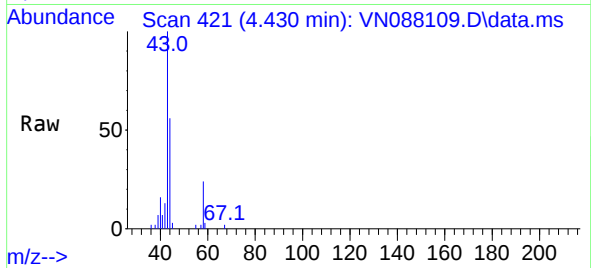




#16
Acetone
Concen: 13.371 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

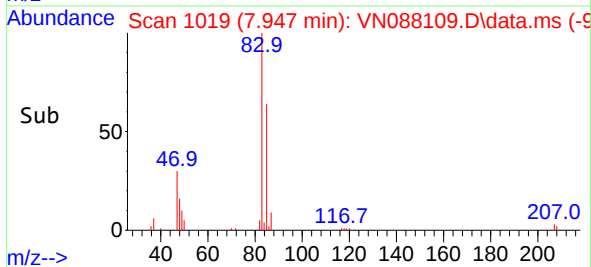
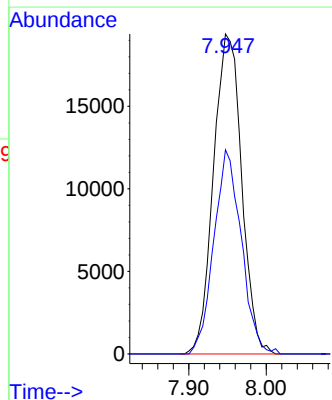
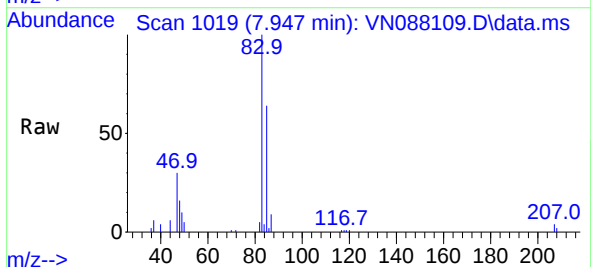
Instrument :
MSVOA_N
ClientSampleId :
MW3

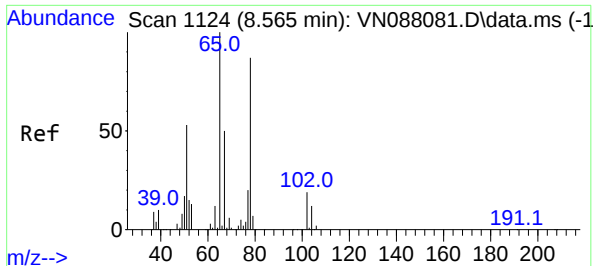
Tgt Ion: 43 Resp: 25969
Ion Ratio Lower Upper
43 100
58 24.1 22.6 33.8



#30
Chloroform
Concen: 8.542 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

Tgt Ion: 83 Resp: 48967
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1

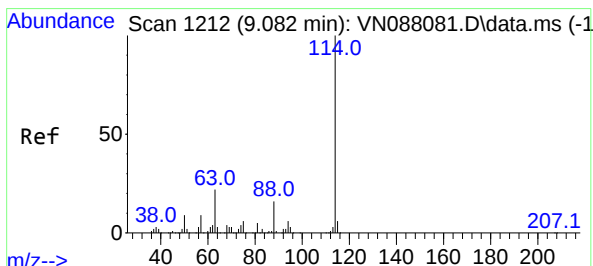
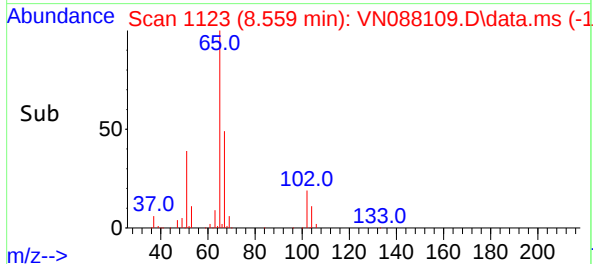
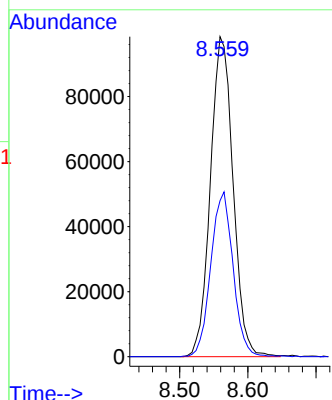
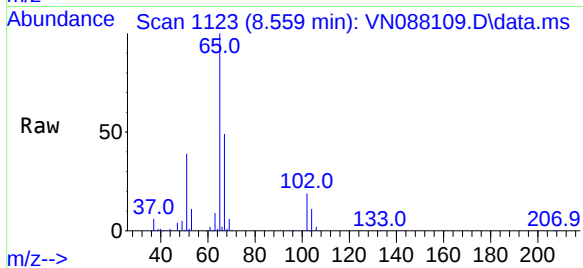




#33
1,2-Dichloroethane-d4
Concen: 58.997 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

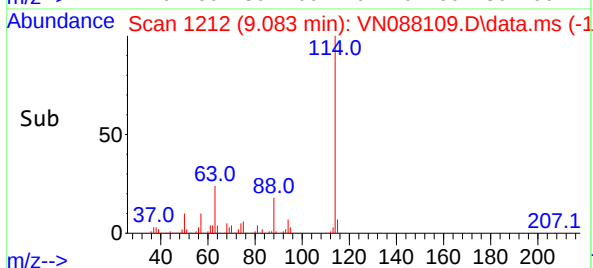
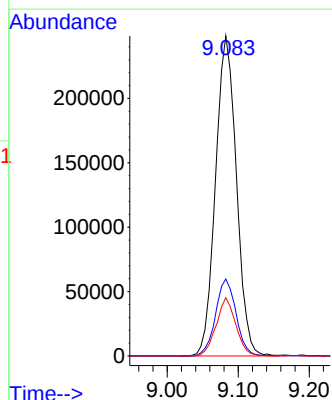
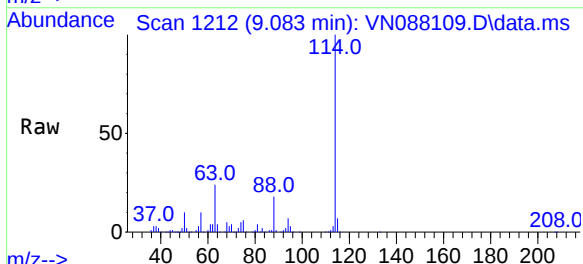
Instrument :
MSVOA_N
ClientSampleId :
MW3

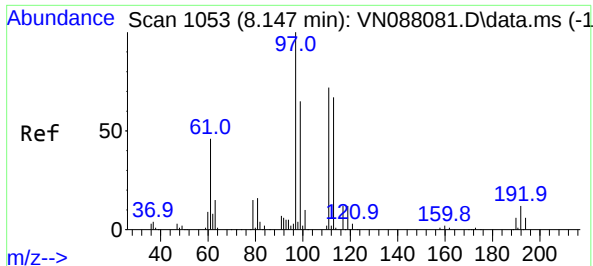
Tgt Ion: 65 Resp: 228087
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

Tgt Ion:114 Resp: 506770
Ion Ratio Lower Upper
114 100
63 24.1 0.0 45.2
88 18.2 0.0 33.4

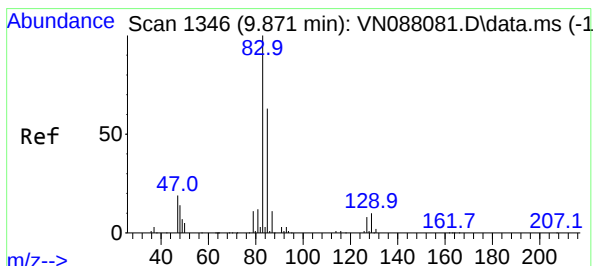
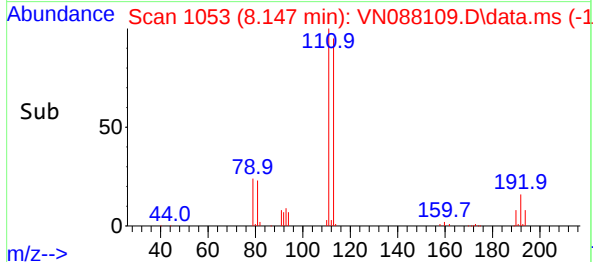
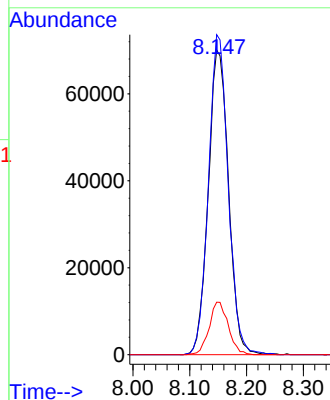
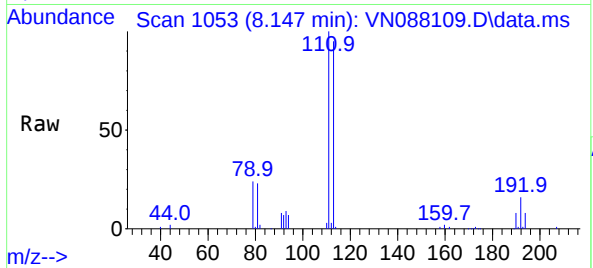




#35
Dibromofluoromethane
Concen: 51.005 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

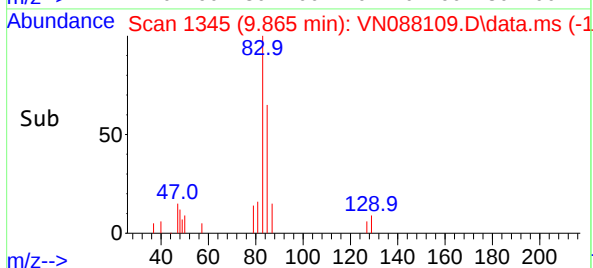
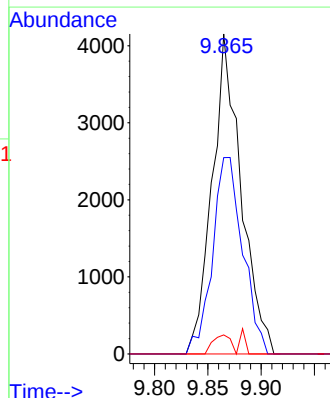
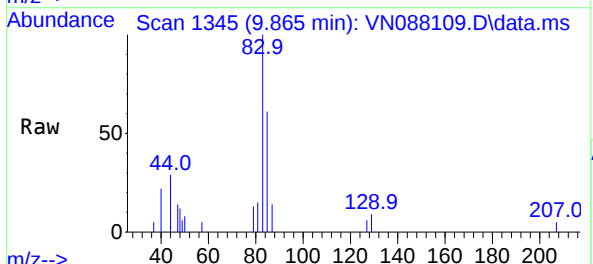
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ClientSampleId :
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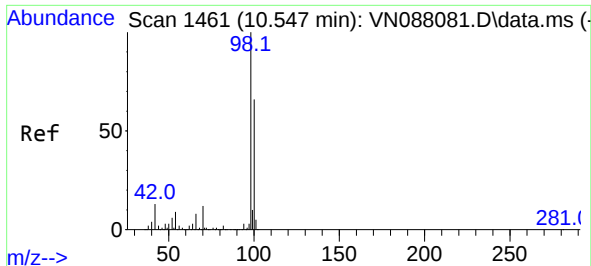
Tgt Ion:113 Resp: 173646
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 16.2 12.8 19.2



#47
Bromodichloromethane
Concen: 1.433 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

Tgt Ion: 83 Resp: 7823
Ion Ratio Lower Upper
83 100
85 61.3 52.5 78.7
127 5.9 5.8 8.6

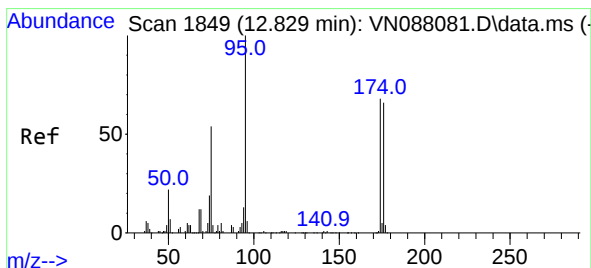
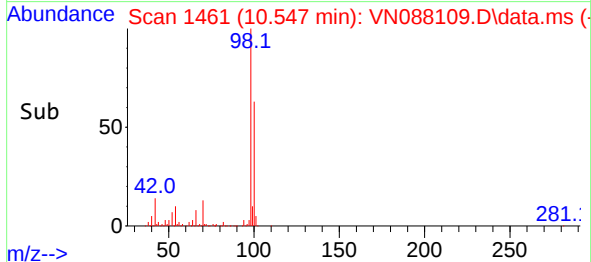
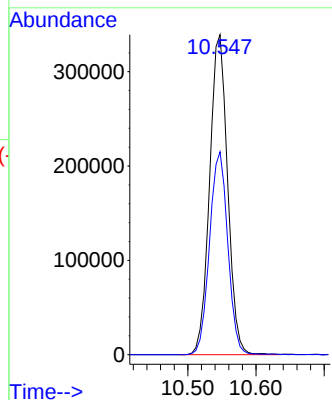
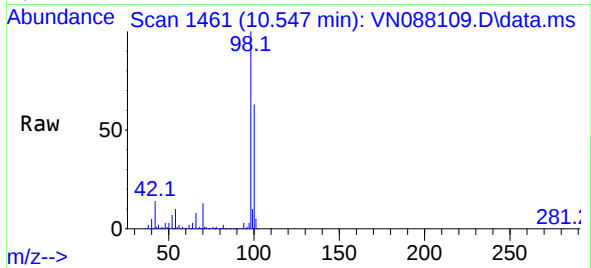




#50
Toluene-d8
Concen: 47.467 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

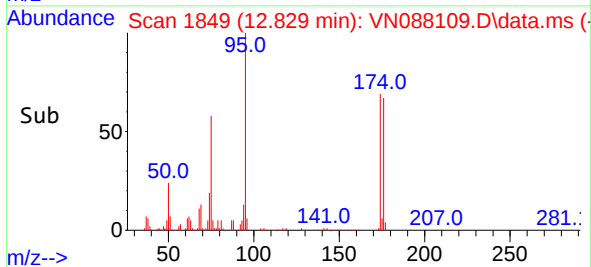
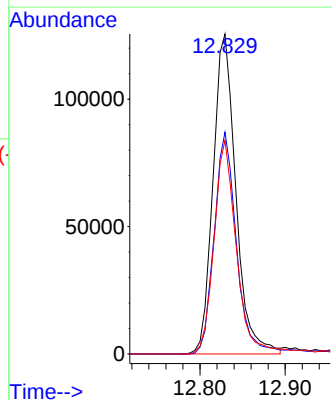
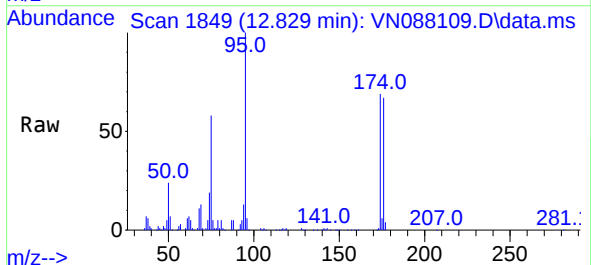
Instrument :
MSVOA_N
ClientSampleId :
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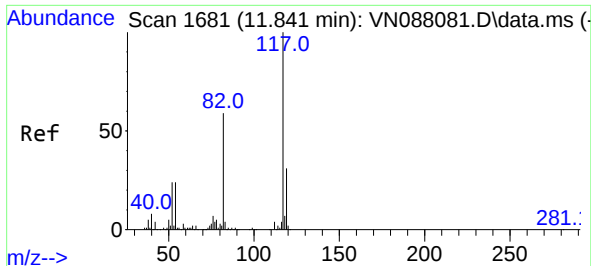
Tgt Ion: 98 Resp: 622675
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.309 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

Tgt Ion: 95 Resp: 233072
Ion Ratio Lower Upper
95 100
174 67.5 0.0 138.4
176 66.2 0.0 132.6

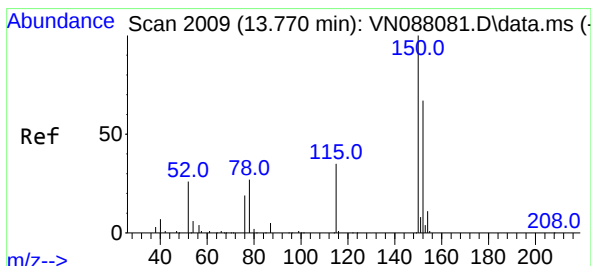
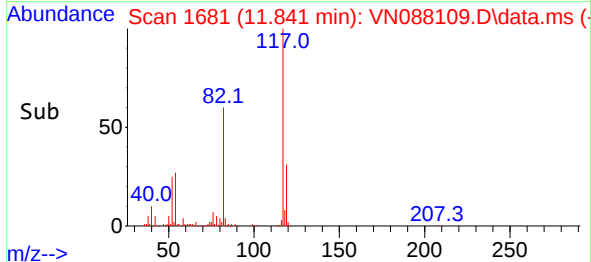
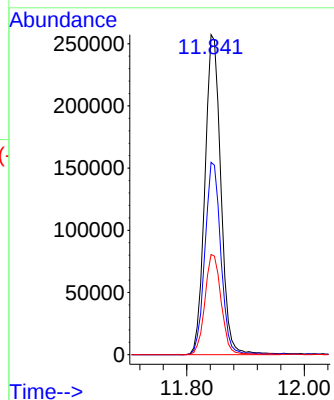
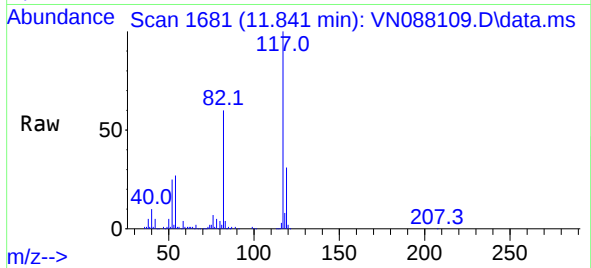




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 486491
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 31.3 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088109.D
Acq: 27 Oct 2025 13:31

Tgt Ion:152 Resp: 231113
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 158.0 0.0 351.0

