

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088254.D
 Acq On : 11 Nov 2025 14:04
 Operator : JC\MD
 Sample : Q3598-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-CONCRETE

Quant Time: Nov 12 01:15:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

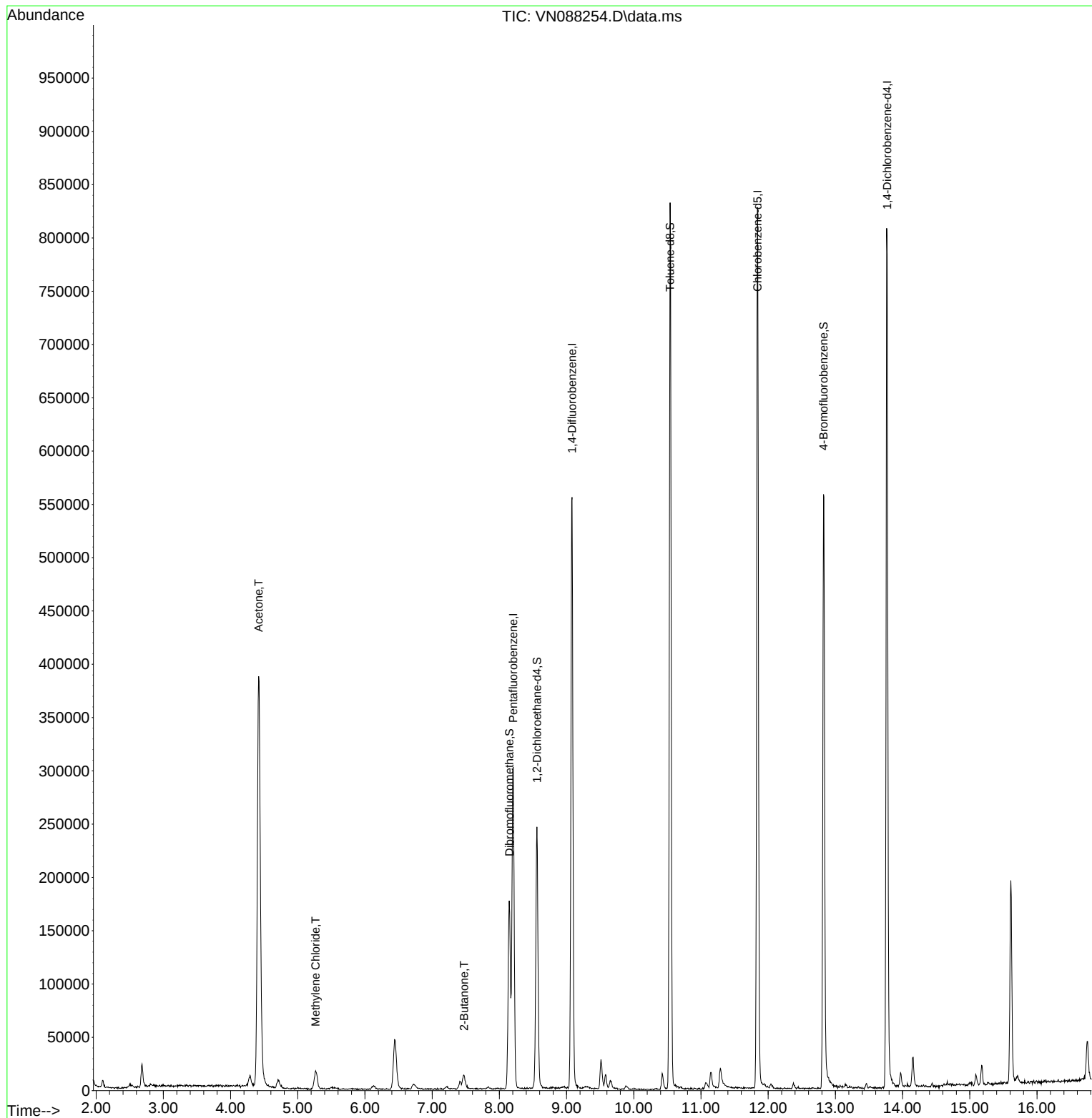
Internal Standards						
1) Pentafluorobenzene	8.206	168	203293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	455835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	446615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200071	56.913	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.820%	
35) Dibromofluoromethane	8.147	113	127192	41.534	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	83.060%	
50) Toluene-d8	10.541	98	547363	46.388	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.780%	
62) 4-Bromofluorobenzene	12.823	95	211483	50.749	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	101.500%	
Target Compounds						
						Qvalue
16) Acetone	4.418	43	796435	450.965	ug/l	99
20) Methylene Chloride	5.265	84	13563	4.575	ug/l	90
25) 2-Butanone	7.477	43	23452	10.076	ug/l	98

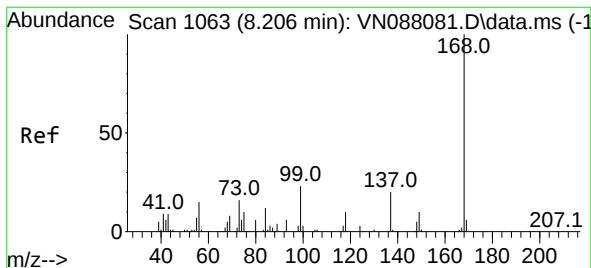
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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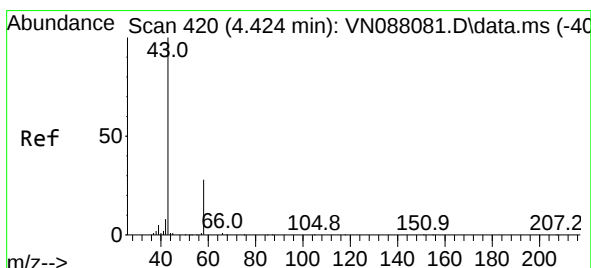
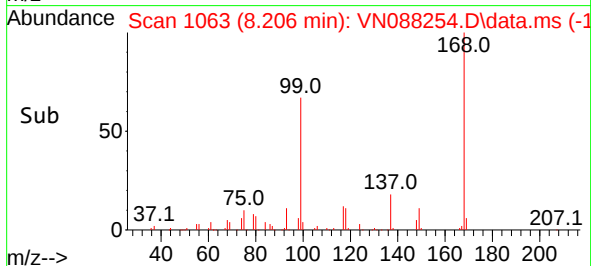
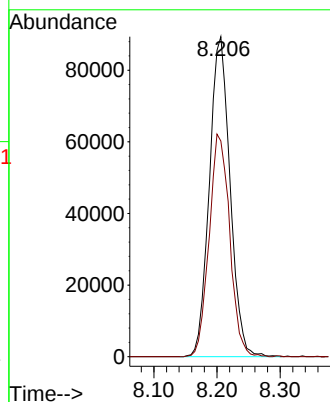
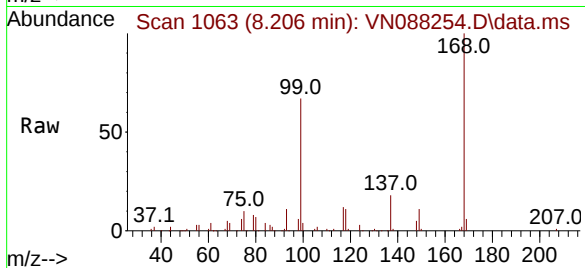




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

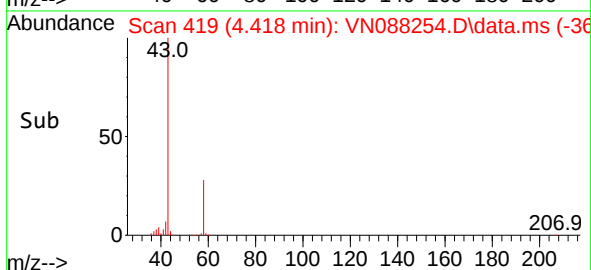
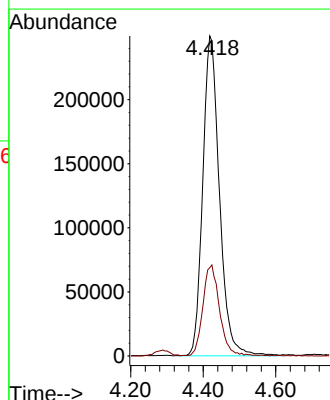
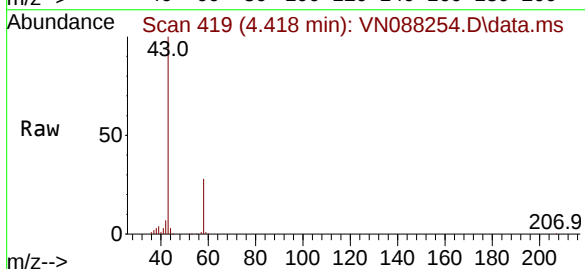
Instrument :
MSVOA_N
ClientSampleId :
EO-CONCRETE

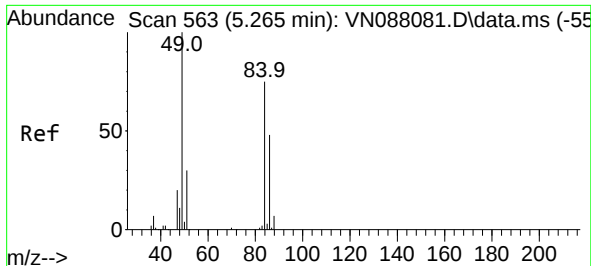
Tgt Ion:168 Resp: 203293
Ion Ratio Lower Upper
168 100
99 67.4 57.2 85.8



#16
Acetone
Concen: 450.965 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

Tgt Ion: 43 Resp: 796435
Ion Ratio Lower Upper
43 100
58 27.5 22.6 33.8

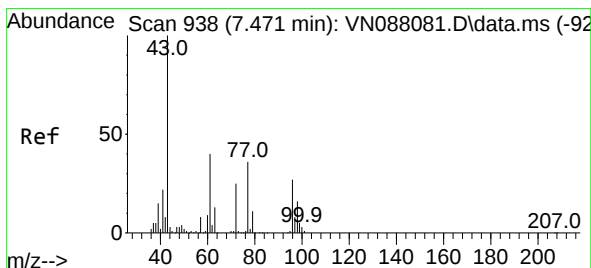
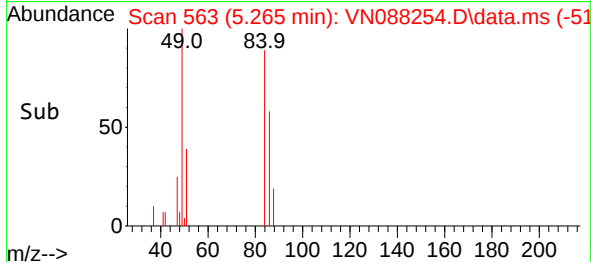
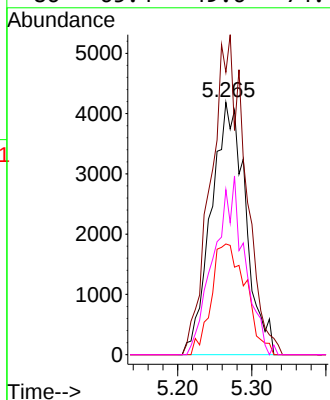
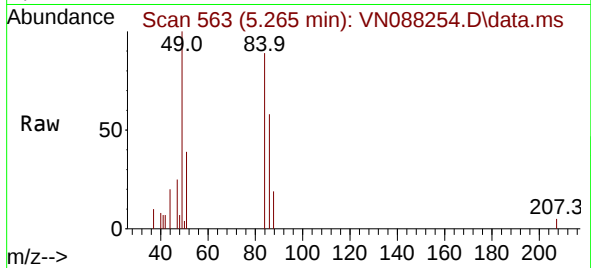




#20
Methylene Chloride
Concen: 4.575 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

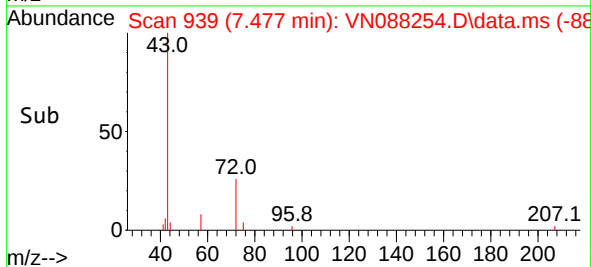
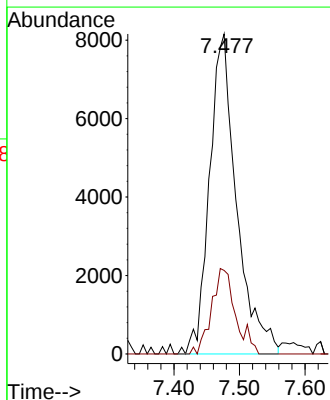
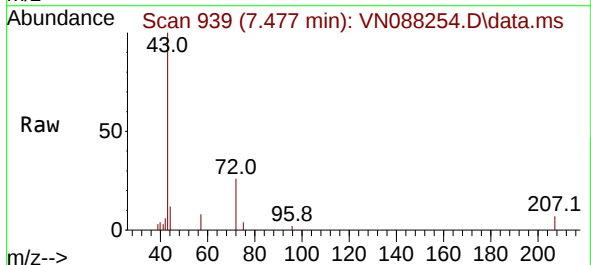
Instrument :
MSVOA_N
ClientSampleId :
EO-CONCRETE

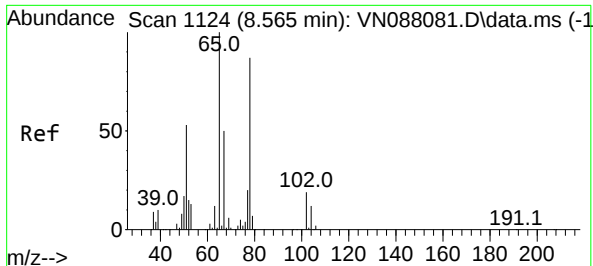
Tgt Ion:	84	Resp:	13563
Ion	Ratio	Lower	Upper
84	100		
49	111.9	103.4	155.2
51	43.9	33.8	50.8
86	65.4	49.6	74.4



#25
2-Butanone
Concen: 10.076 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

Tgt Ion:	43	Resp:	23452
Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.9	29.9

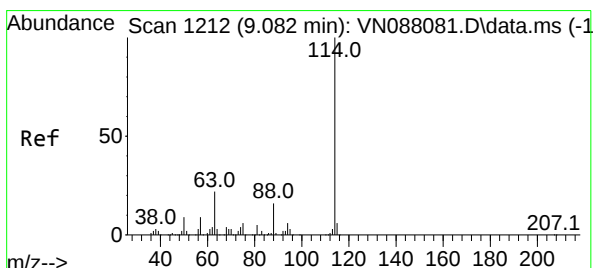
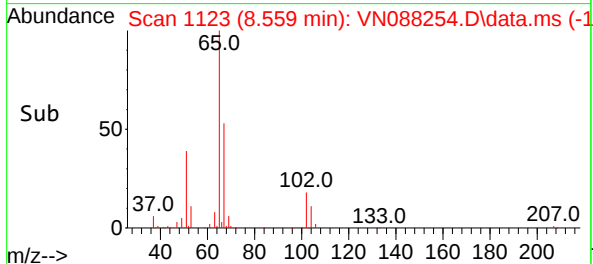
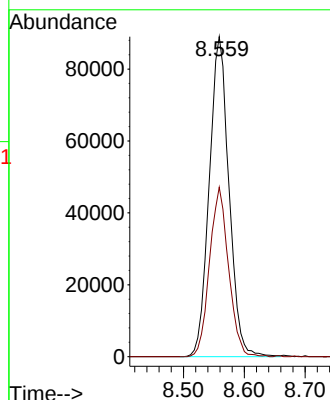
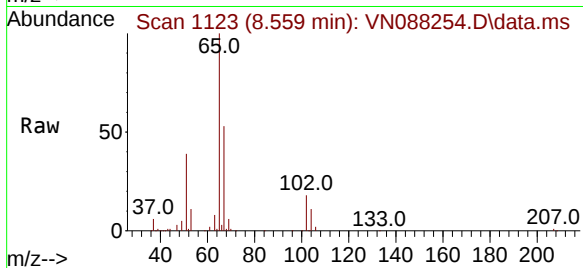




#33
 1,2-Dichloroethane-d4
 Concen: 56.913 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN088254.D
 Acq: 11 Nov 2025 14:04

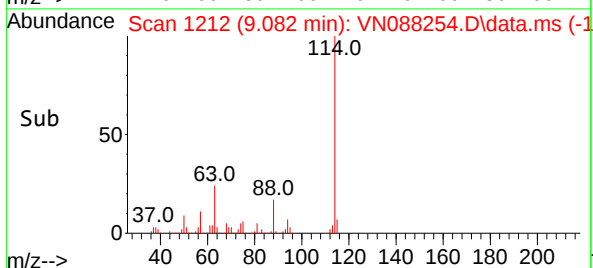
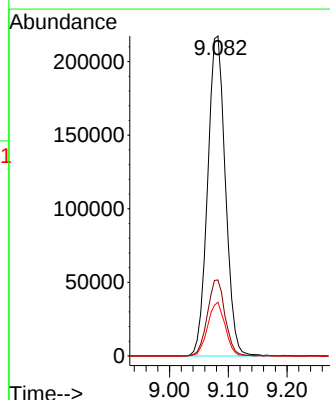
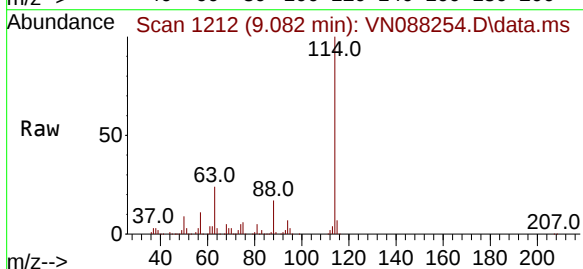
Instrument :
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 EO-CONCRETE

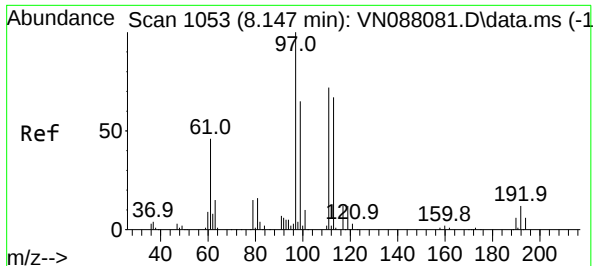
Tgt Ion: 65 Resp: 200071
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088254.D
 Acq: 11 Nov 2025 14:04

Tgt Ion: 114 Resp: 455835
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.2
 88 16.8 0.0 33.4

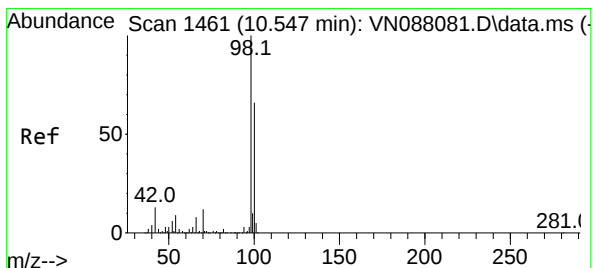
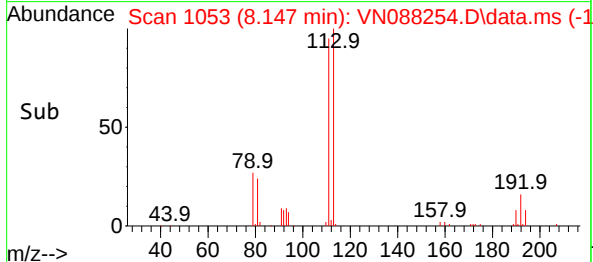
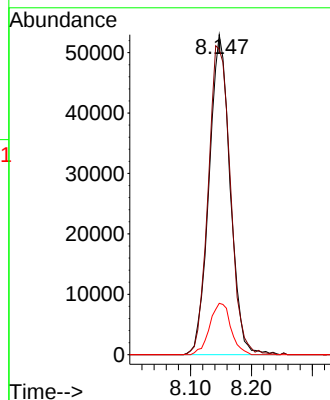
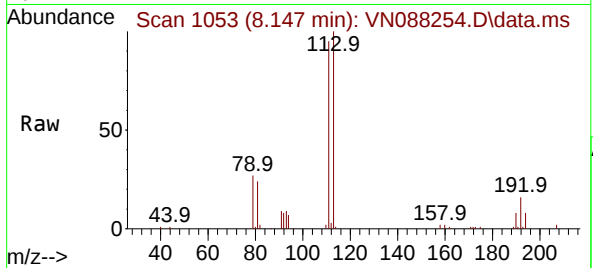




#35
Dibromofluoromethane
Concen: 41.534 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

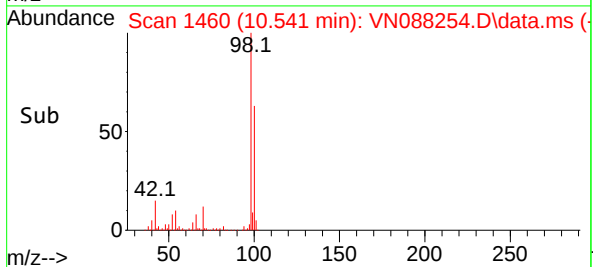
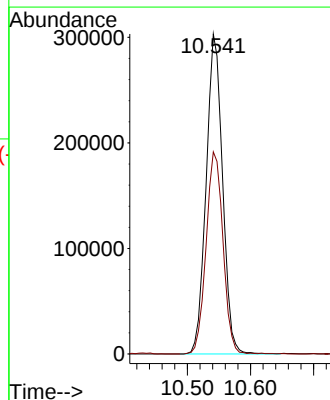
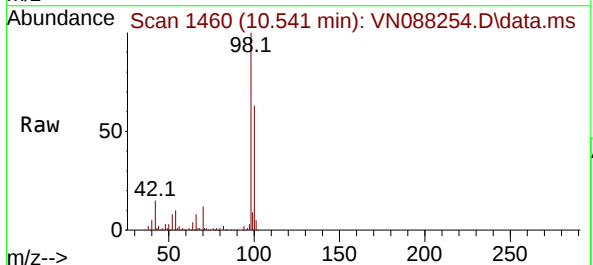
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ClientSampleId :
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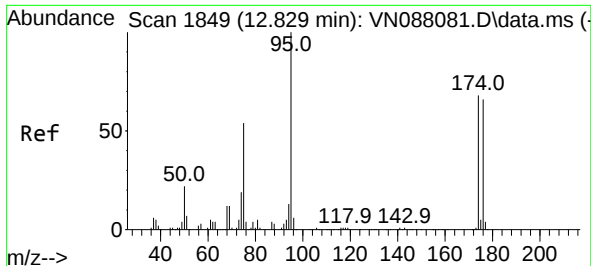
Tgt Ion:113 Resp: 127192
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 16.2 12.8 19.2



#50
Toluene-d8
Concen: 46.388 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

Tgt Ion: 98 Resp: 547363
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2

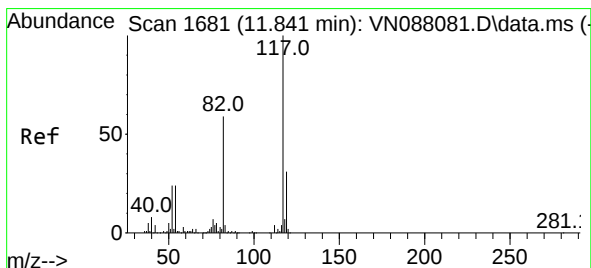
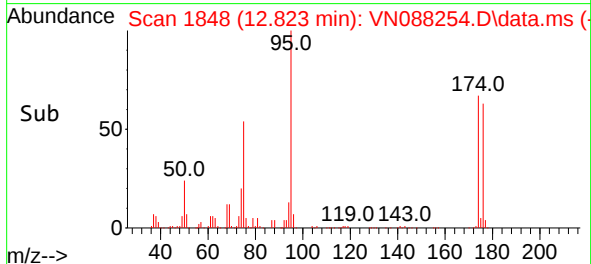
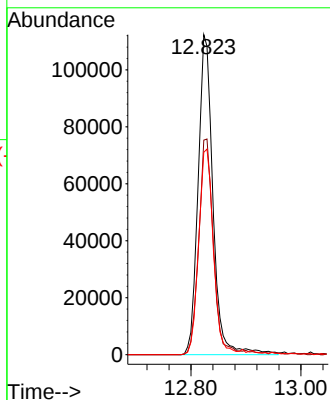
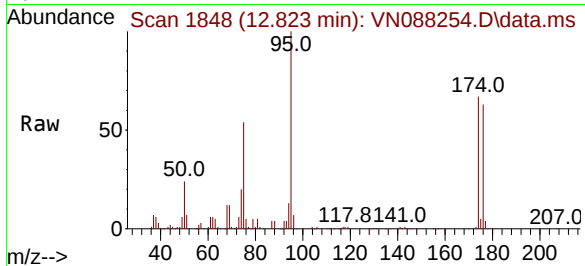




#62
4-Bromofluorobenzene
Concen: 50.749 ug/l
RT: 12.823 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

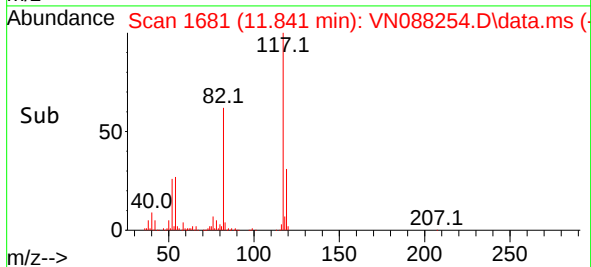
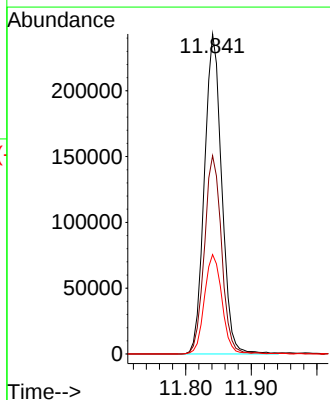
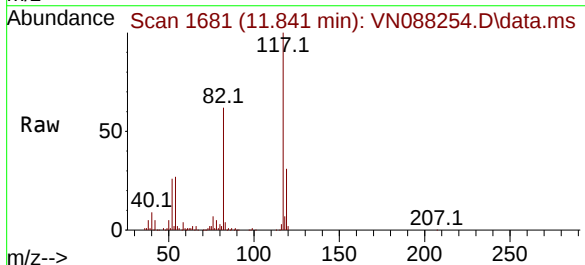
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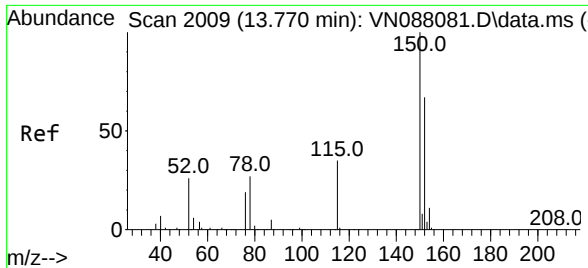
Tgt Ion: 95 Resp: 211483
Ion Ratio Lower Upper
95 100
174 66.8 0.0 138.4
176 63.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088254.D
Acq: 11 Nov 2025 14:04

Tgt Ion: 117 Resp: 446615
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 31.1 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088254.D
 Acq: 11 Nov 2025 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-CONCRETE

Tgt Ion:	152	Resp:	210269
Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.3	96.8
150	160.5	0.0	351.0

