

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086488.D
 Acq On : 05 May 2025 16:00
 Operator : JC\MD
 Sample : Q1956-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-05022025

Quant Time: May 06 01:45:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102889	50.226	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.460%	
35) Dibromofluoromethane	8.165	113	76253	60.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 120.400%	
50) Toluene-d8	10.565	98	346238	51.149	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.847	95	118781	48.108	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.220%	

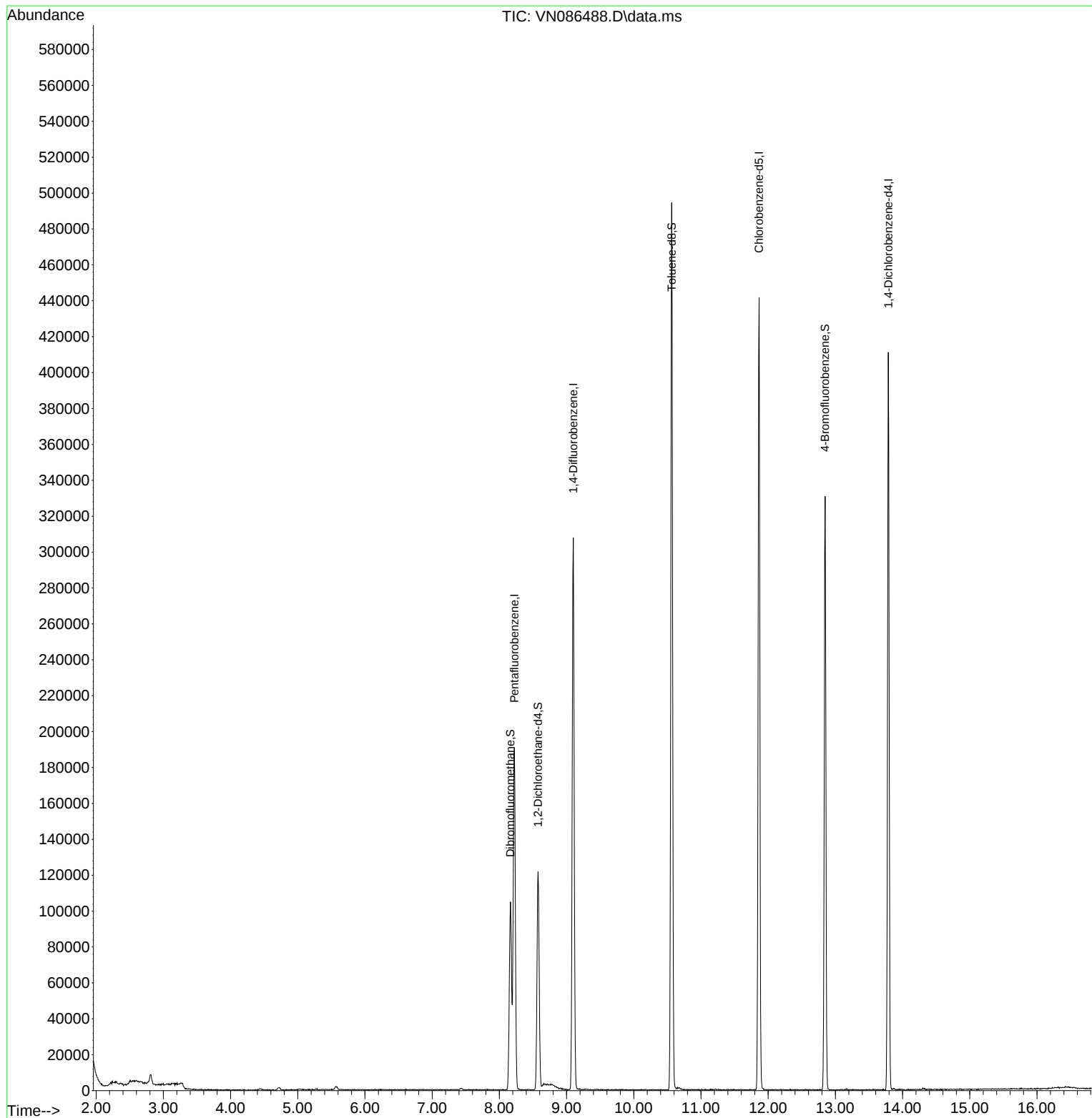
Target Compounds	Qvalue

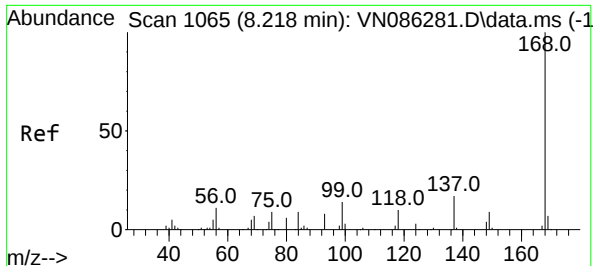
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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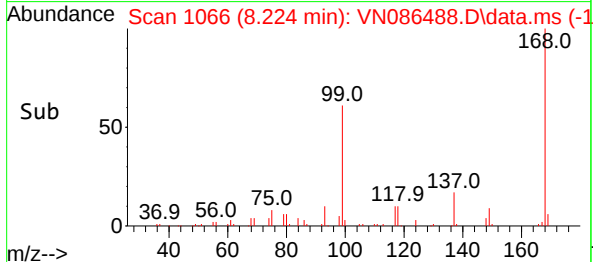
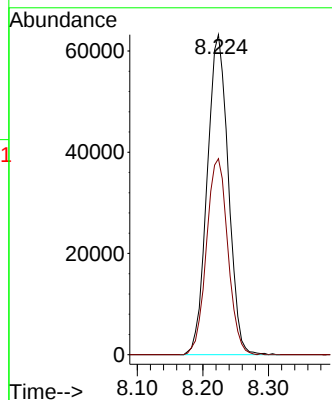
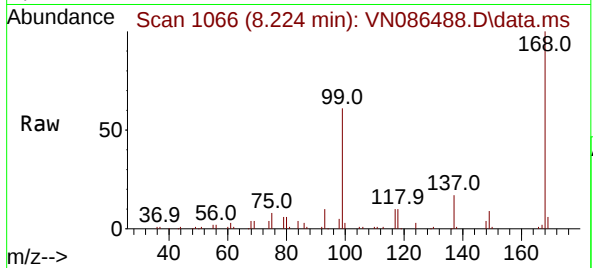




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

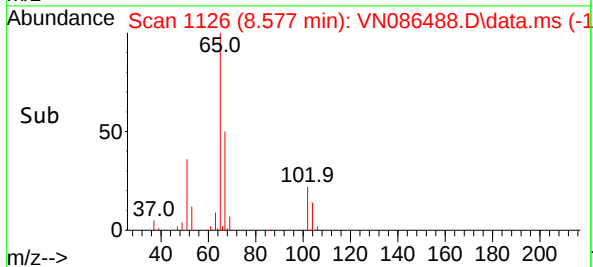
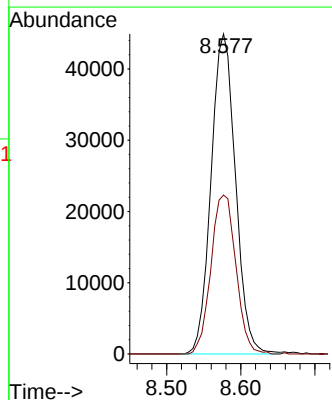
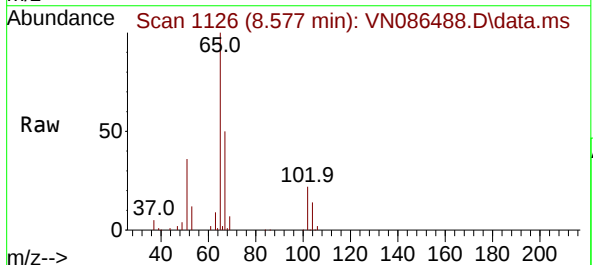
Instrument :
MSVOA_N
ClientSampleId :
FB-05022025

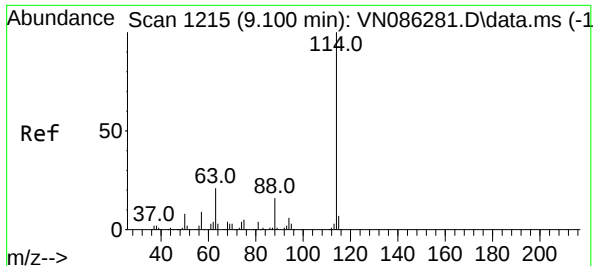
Tgt Ion:168 Resp: 141270
Ion Ratio Lower Upper
168 100
99 61.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 50.226 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

Tgt Ion: 65 Resp: 102889
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.0

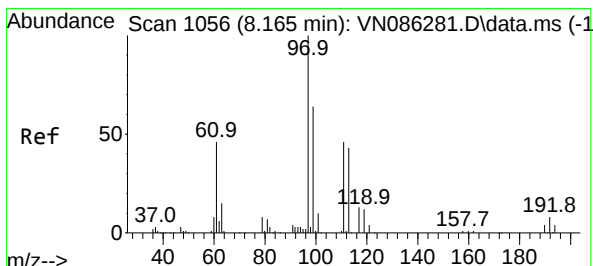
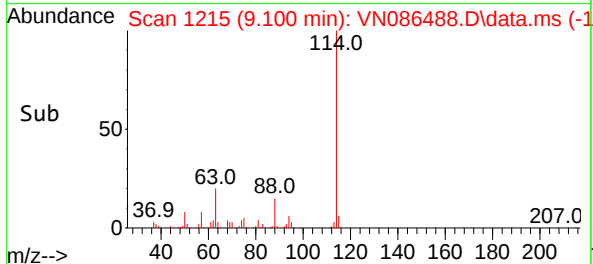
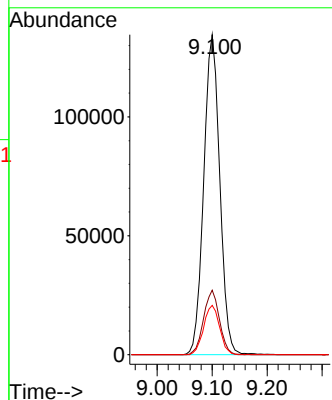
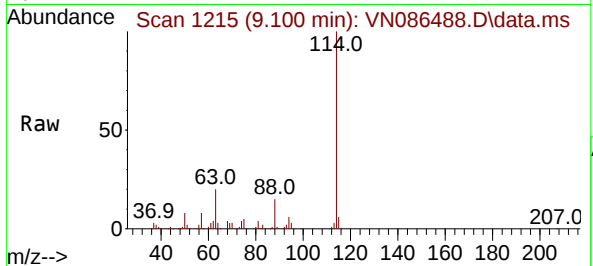




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

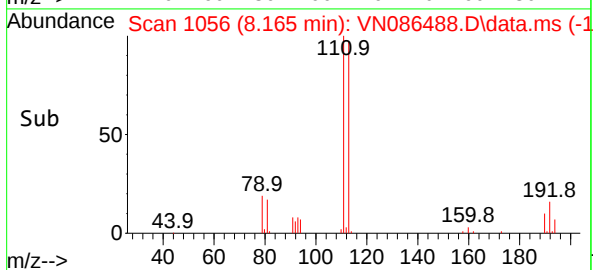
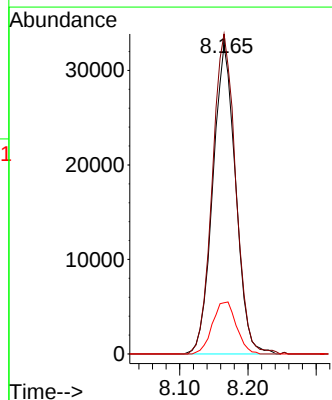
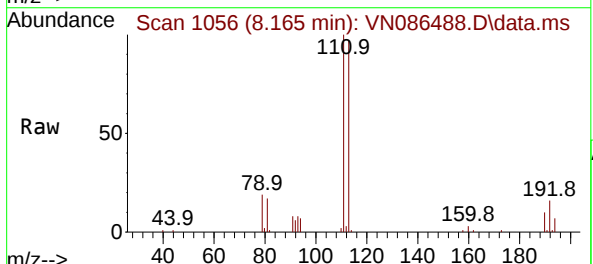
Instrument :
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ClientSampleId :
FB-05022025

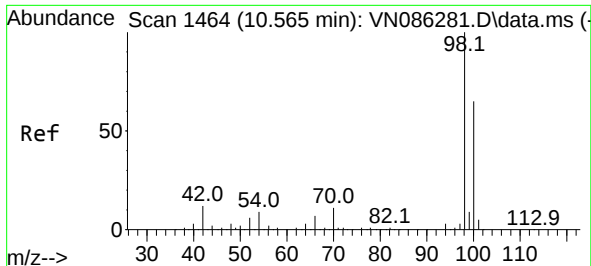
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 60.203 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.6	83.4	125.0
192	17.7	13.7	20.5

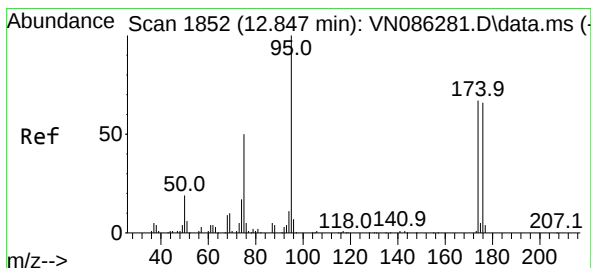
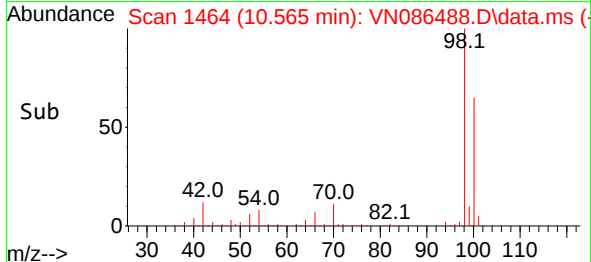
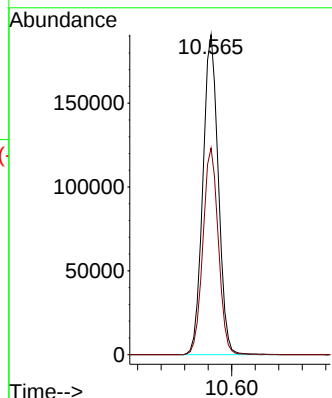
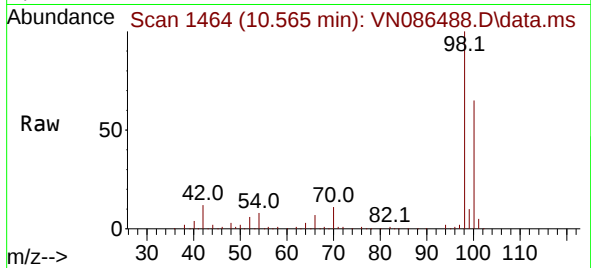




#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

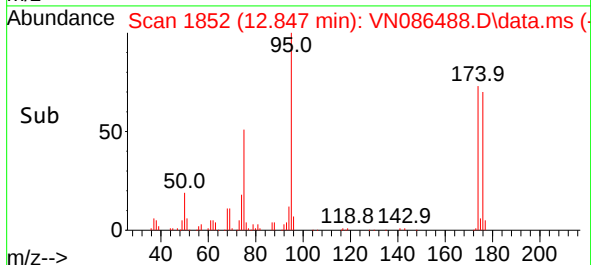
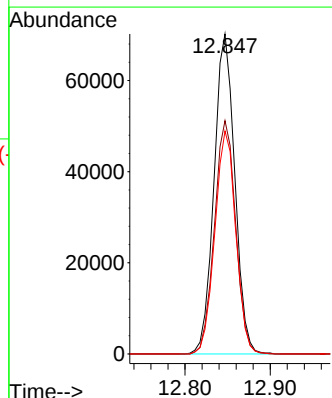
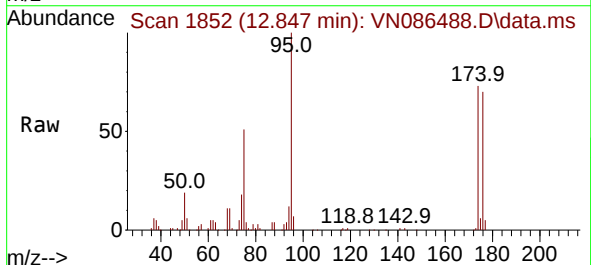
Instrument :
MSVOA_N
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FB-05022025

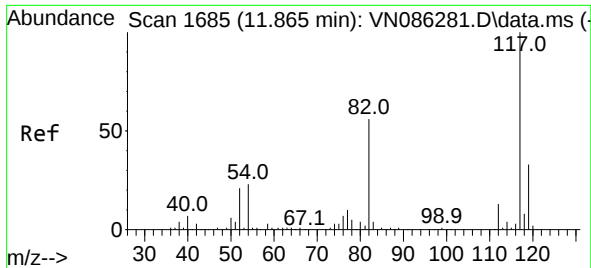
Tgt Ion: 98 Resp: 346238
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

Tgt Ion: 95 Resp: 118781
Ion Ratio Lower Upper
95 100
174 74.5 0.0 133.4
176 70.4 0.0 129.2

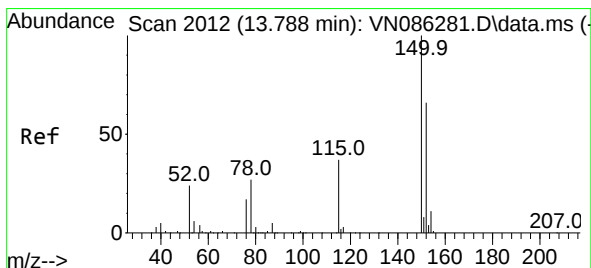
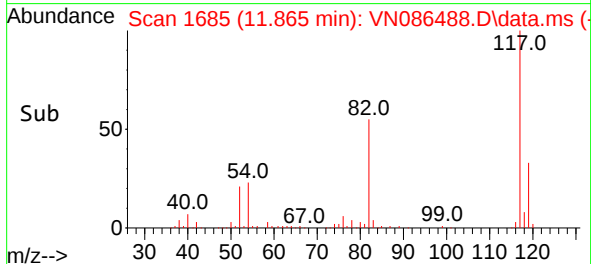
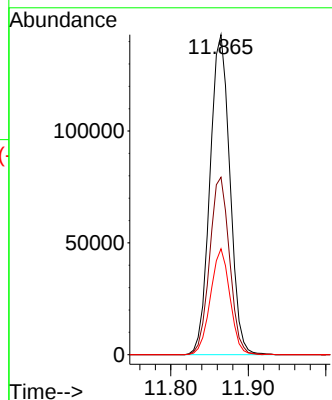
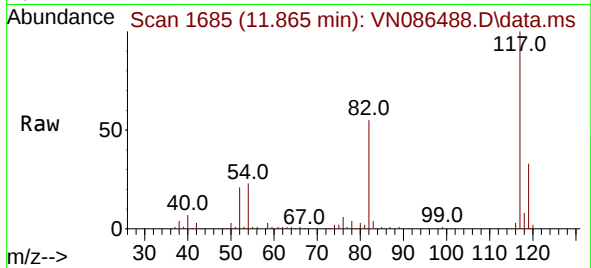




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
FB-05022025

Tgt Ion:117 Resp: 255761
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 33.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086488.D
Acq: 05 May 2025 16:00

Tgt Ion:152 Resp: 111305
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 155.4 0.0 352.0

