

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087006.D
 Acq On : 13 Jun 2025 16:56
 Operator : JC\MD
 Sample : Q2314-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-820-822

Quant Time: Jun 14 00:31:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

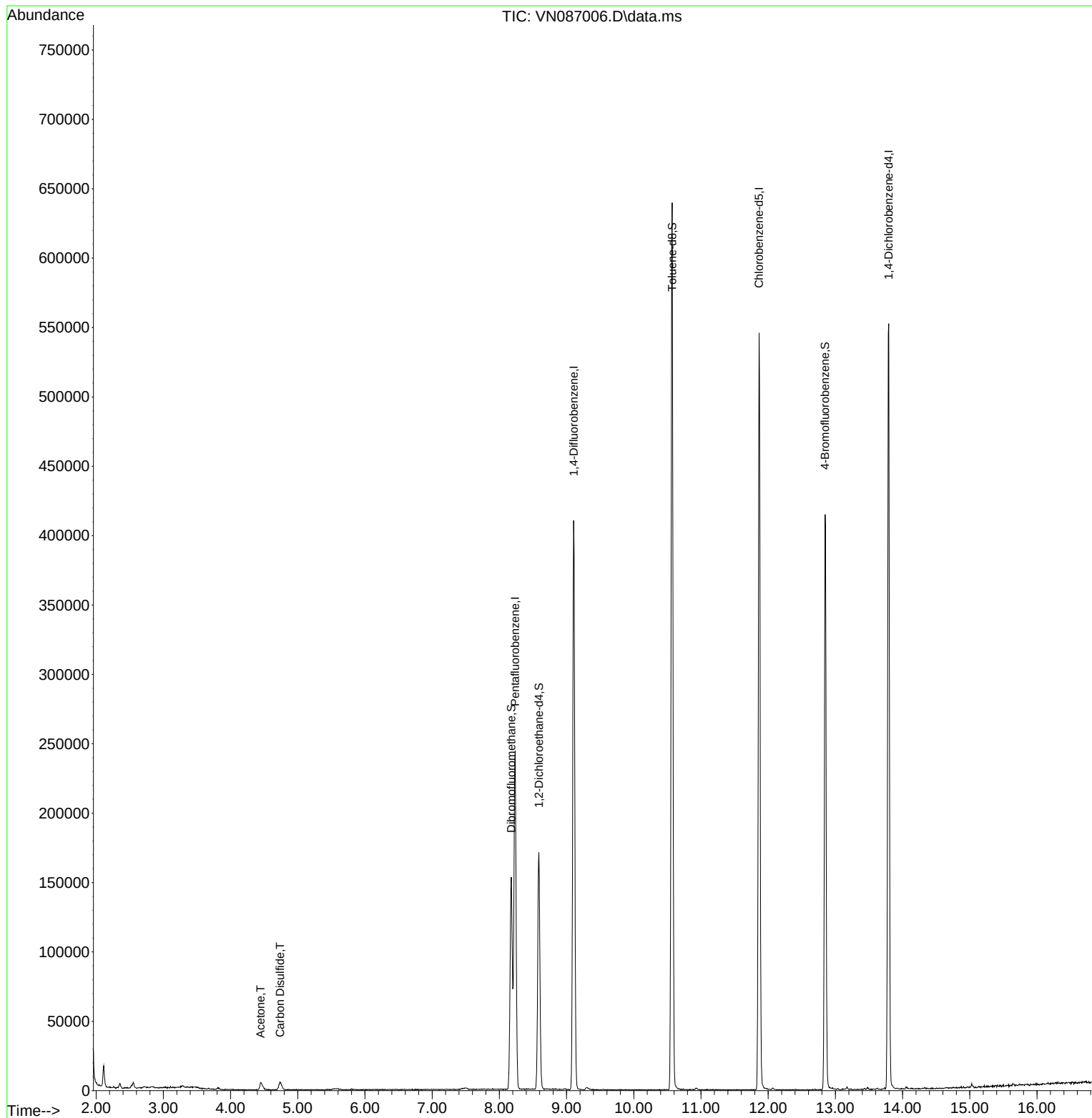
Internal Standards						
1) Pentafluorobenzene	8.235	168	193783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	387947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	349080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	139982	53.953	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.900%			
35) Dibromofluoromethane	8.176	113	117753	51.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	10.570	98	472614	51.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.847	95	168301	49.772	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.540%			
Target Compounds						
16) Acetone	4.447	43	10635	7.729	ug/l	95
17) Carbon Disulfide	4.735	76	6983	1.170	ug/l #	75

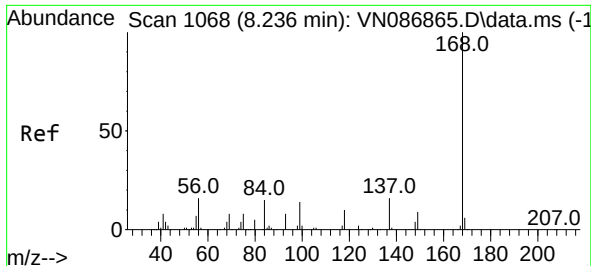
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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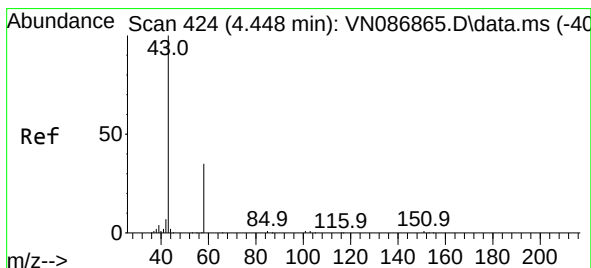
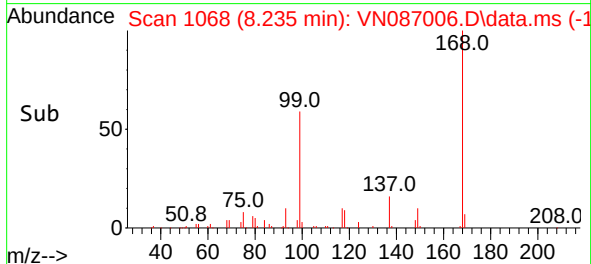
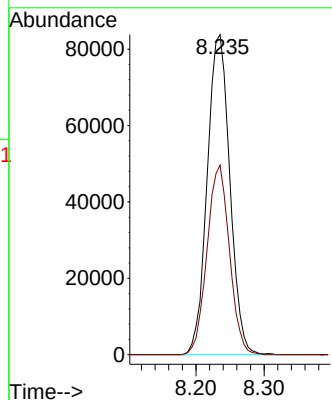
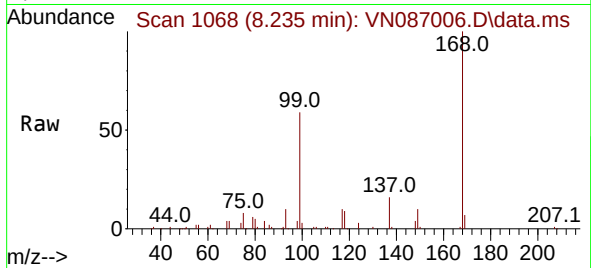




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087006.D
Acq: 13 Jun 2025 16:56

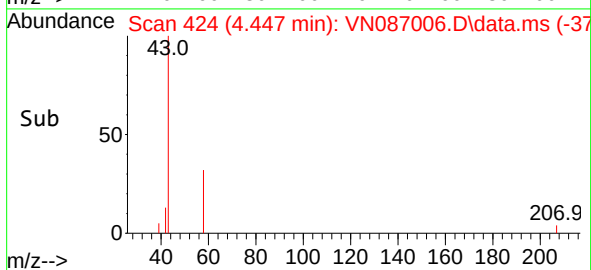
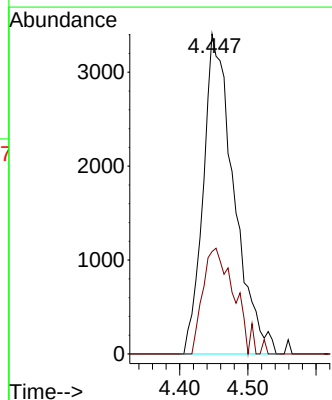
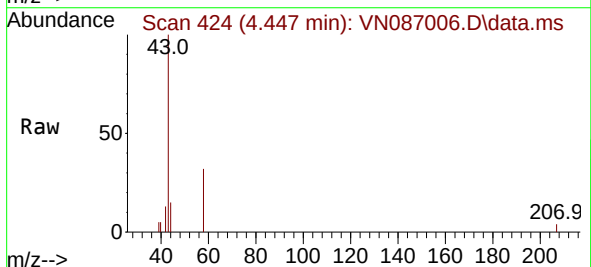
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-820-822

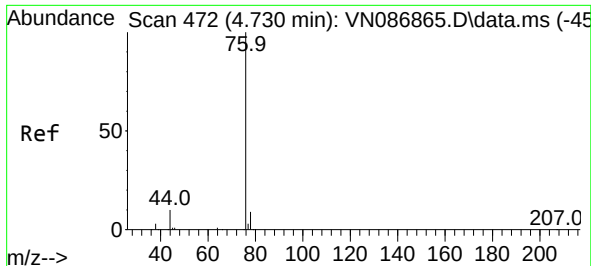
Tgt Ion:168 Resp: 193783
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7



#16
Acetone
Concen: 7.729 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087006.D
Acq: 13 Jun 2025 16:56

Tgt Ion: 43 Resp: 10635
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0





#17

Carbon Disulfide

Concen: 1.170 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087006.D

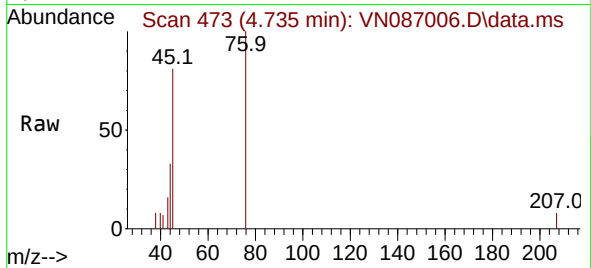
Acq: 13 Jun 2025 16:56

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-GW-820-822

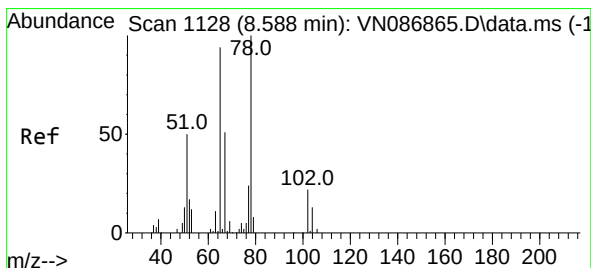
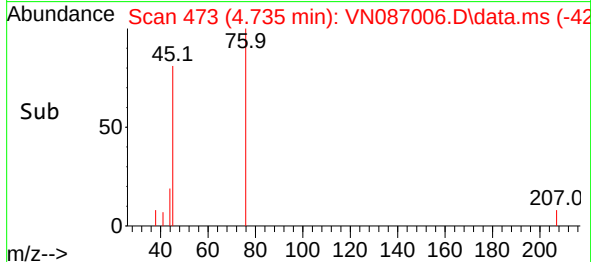
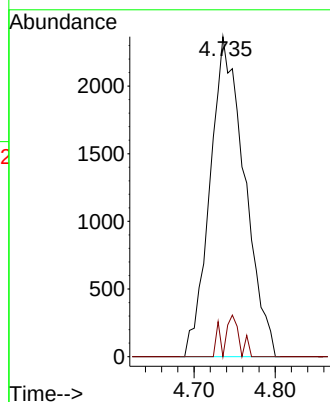


Tgt Ion: 76 Resp: 6983

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#33

1,2-Dichloroethane-d4

Concen: 53.953 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087006.D

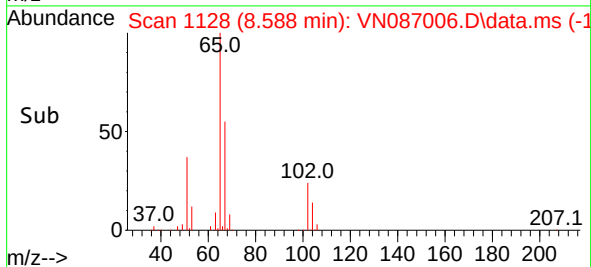
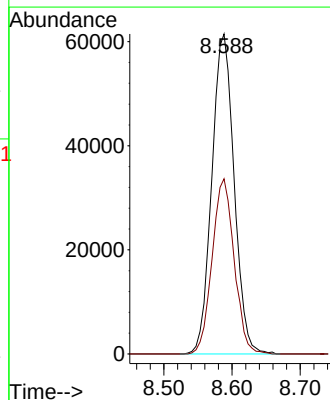
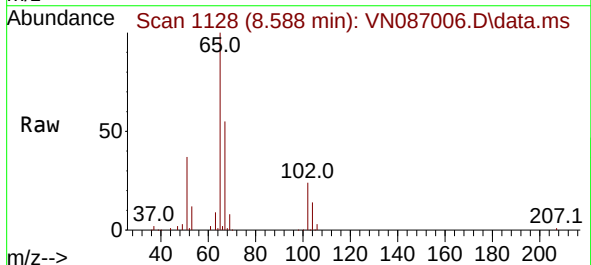
Acq: 13 Jun 2025 16:56

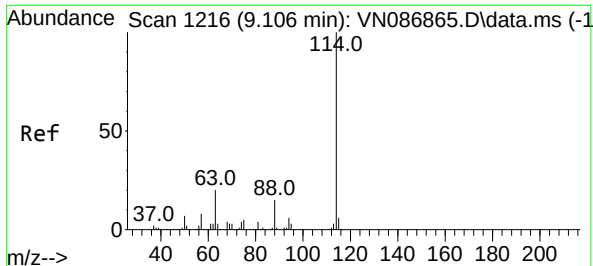
Tgt Ion: 65 Resp: 139982

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6

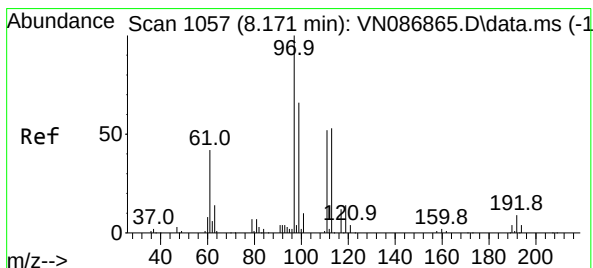
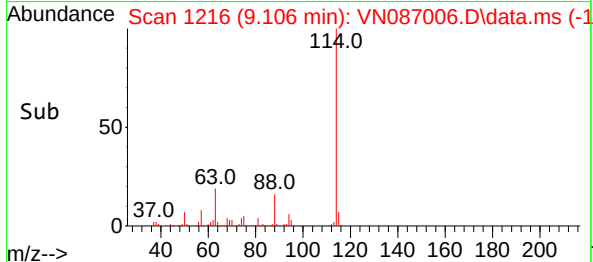
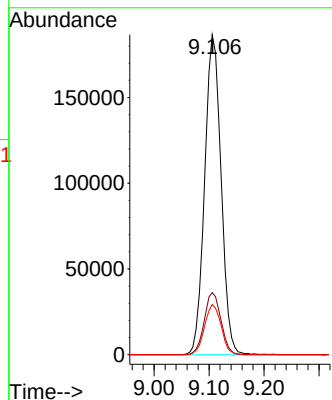
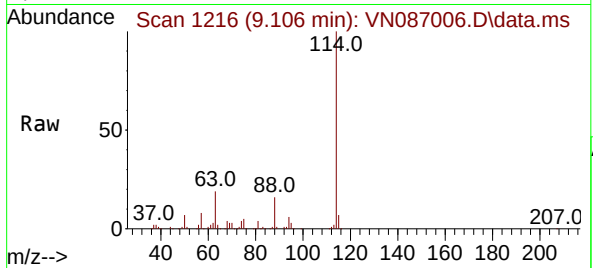




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087006.D
Acq: 13 Jun 2025 16:56

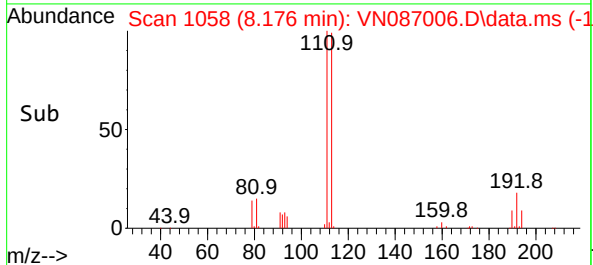
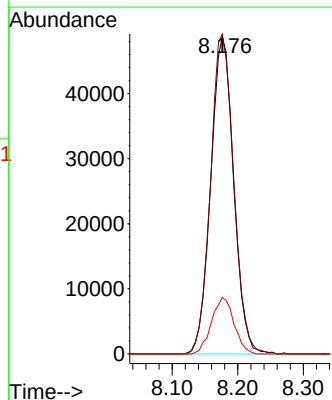
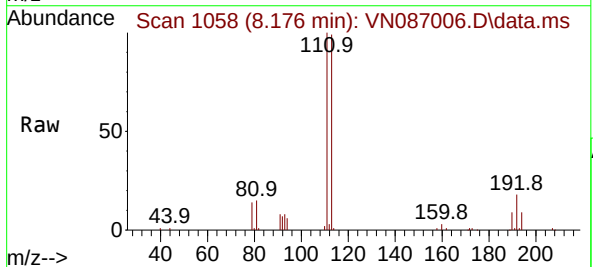
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-820-822

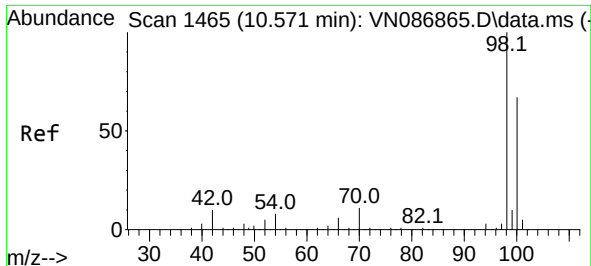
Tgt Ion:114 Resp: 387947
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 15.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.218 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087006.D
Acq: 13 Jun 2025 16:56

Tgt Ion:113 Resp: 117753
Ion Ratio Lower Upper
113 100
111 102.5 84.2 126.2
192 17.5 14.2 21.4

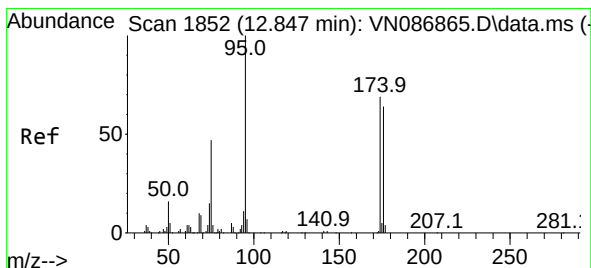
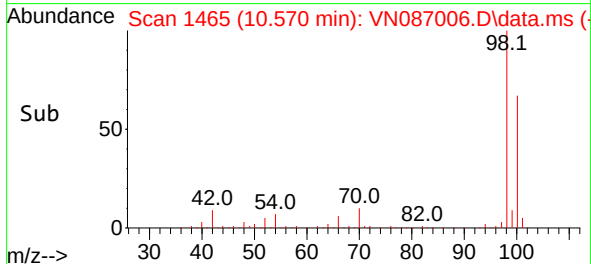
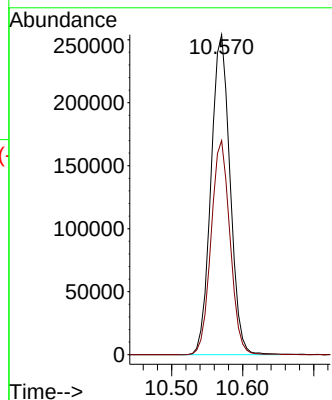
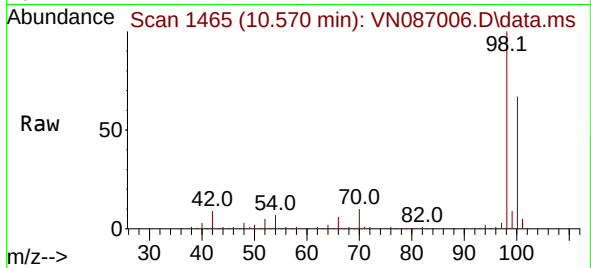




#50
Toluene-d8
Concen: 51.928 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087006.D
Acq: 13 Jun 2025 16:56

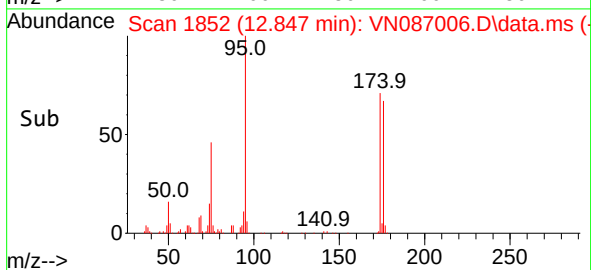
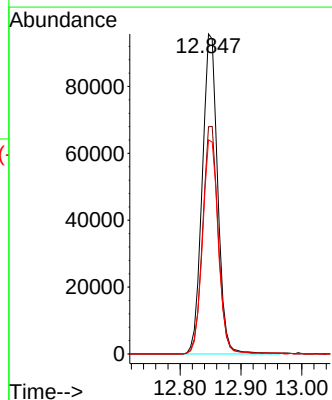
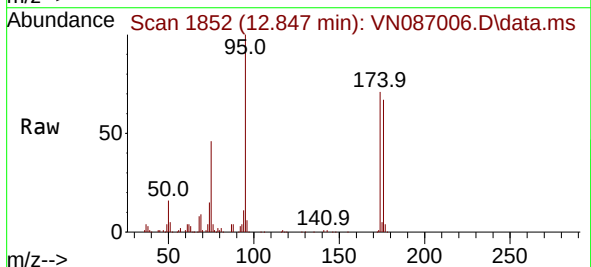
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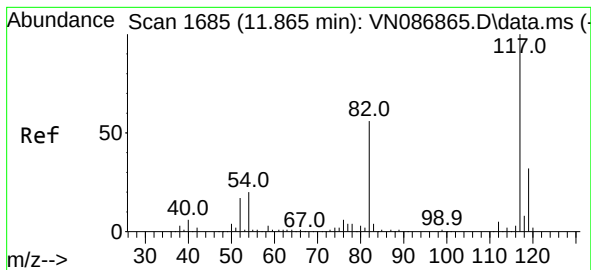
Tgt Ion: 98 Resp: 472614
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087006.D
Acq: 13 Jun 2025 16:56

Tgt Ion: 95 Resp: 168301
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.8
176 68.1 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087006.D

Acq: 13 Jun 2025 16:56

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-GW-820-822

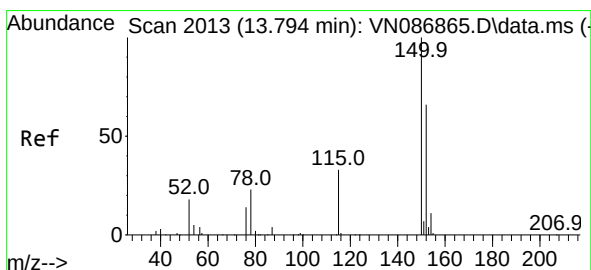
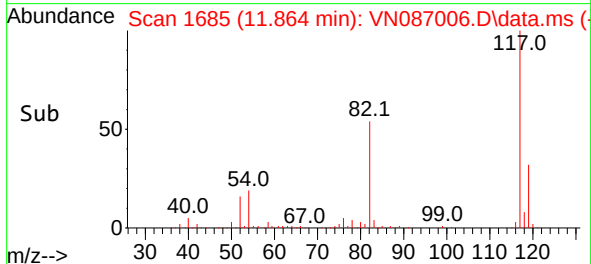
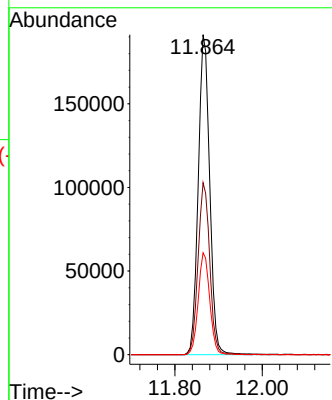
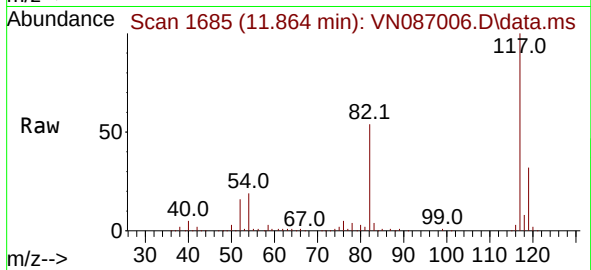
Tgt Ion:117 Resp: 349080

Ion Ratio Lower Upper

117 100

82 53.7 44.6 67.0

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN087006.D

Acq: 13 Jun 2025 16:56

Tgt Ion:152 Resp: 167434

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.5

150 156.9 0.0 345.0

