

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087007.D
 Acq On : 13 Jun 2025 17:18
 Operator : JC\MD
 Sample : Q2314-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-EB-20250612

Quant Time: Jun 14 00:31:49 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)

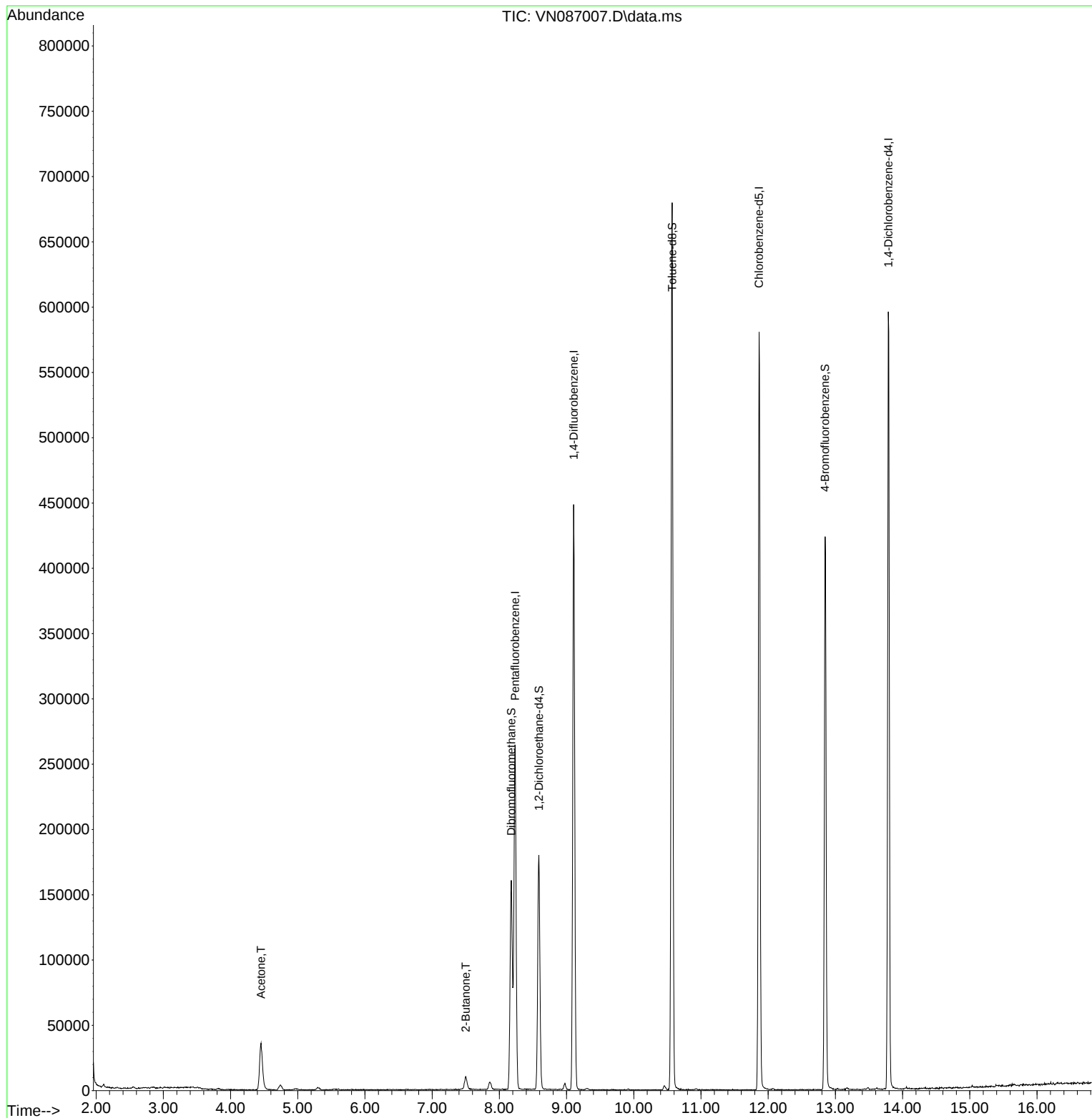
Internal Standards						
1) Pentafluorobenzene	8.236	168	207748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	404853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	145112	52.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.340%	
35) Dibromofluoromethane	8.177	113	122540	51.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.140%	
50) Toluene-d8	10.571	98	498466	52.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.847	95	177650	50.343	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.680%	
Target Compounds						Qvalue
16) Acetone	4.453	43	70313	47.668	ug/l	97
25) 2-Butanone	7.500	43	18392	7.671	ug/l	91

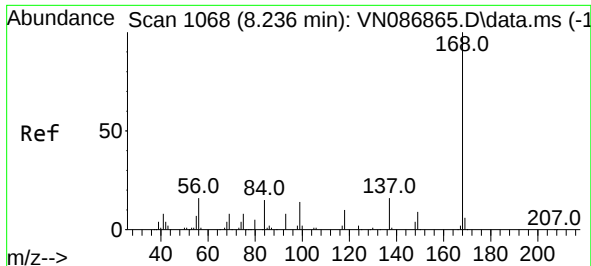
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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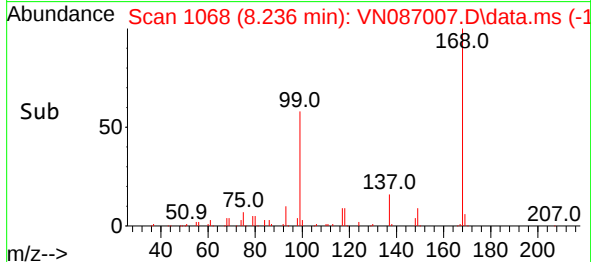
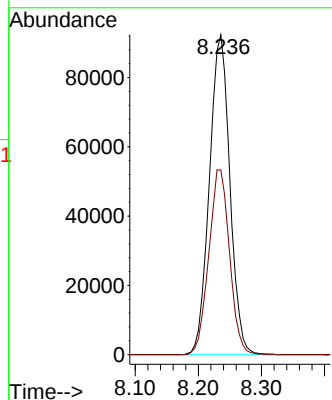
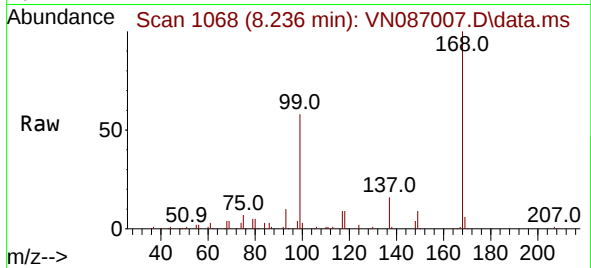




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

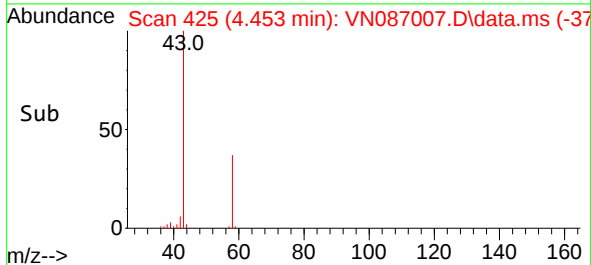
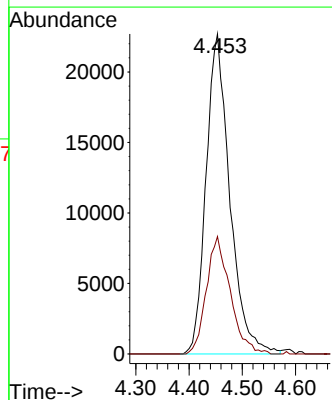
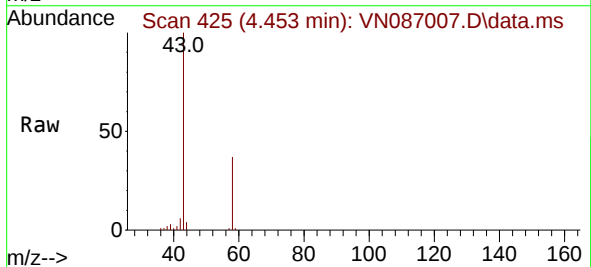
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250612

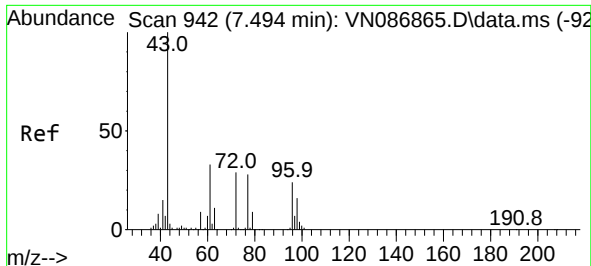
Tgt Ion:168 Resp: 207748
Ion Ratio Lower Upper
168 100
99 57.7 49.1 73.7



#16
Acetone
Concen: 47.668 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

Tgt Ion: 43 Resp: 70313
Ion Ratio Lower Upper
43 100
58 36.7 28.0 42.0

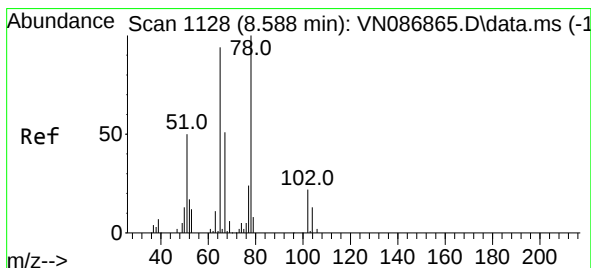
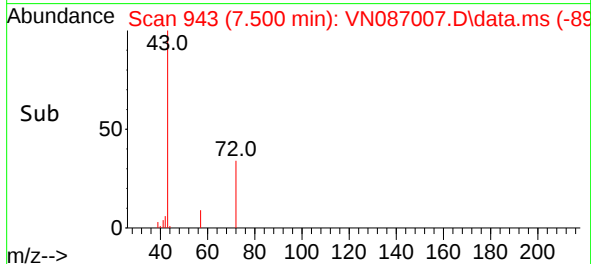
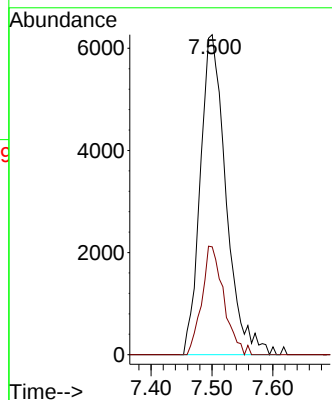
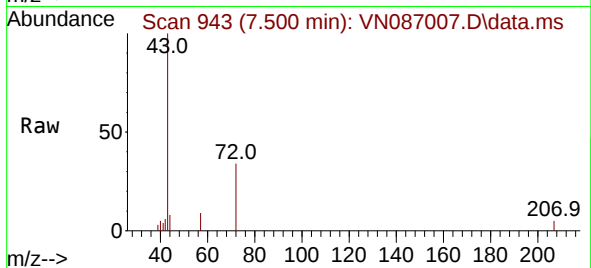




#25
2-Butanone
Concen: 7.671 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

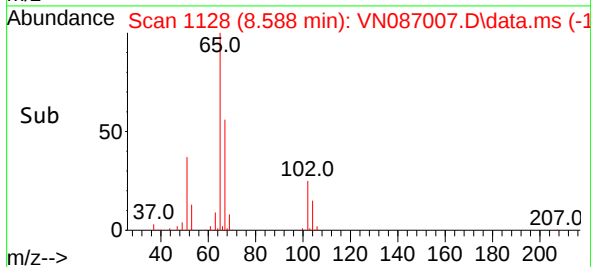
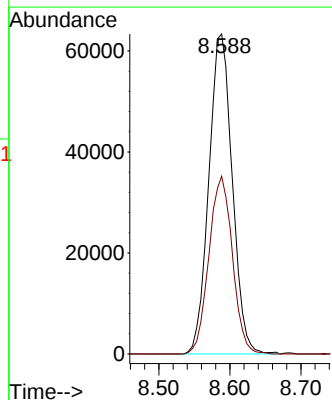
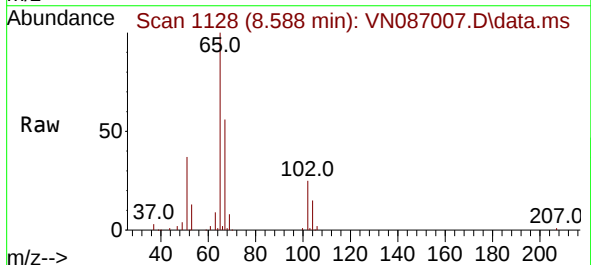
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250612

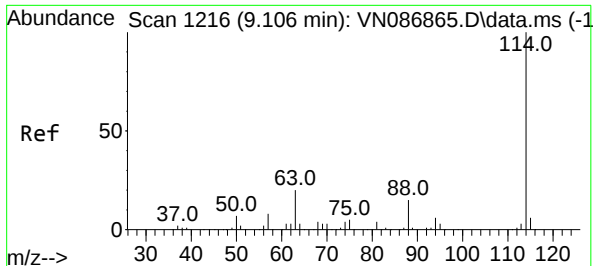
Tgt Ion: 43 Resp: 18392
Ion Ratio Lower Upper
43 100
72 33.7 23.0 34.6



#33
1,2-Dichloroethane-d4
Concen: 52.170 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

Tgt Ion: 65 Resp: 145112
Ion Ratio Lower Upper
65 100
67 55.7 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: VN087007.D

Acq: 13 Jun 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-EB-20250612

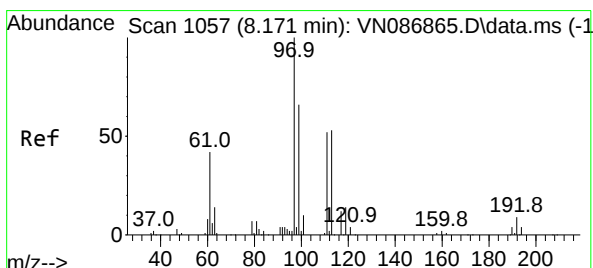
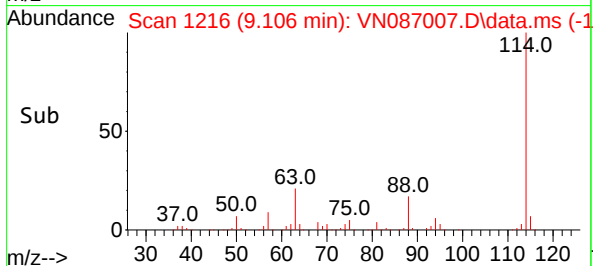
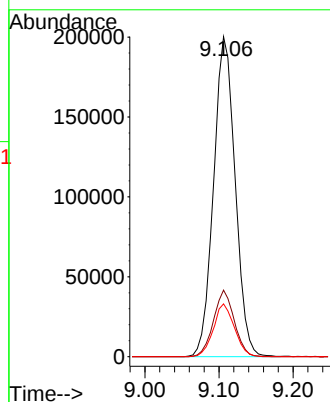
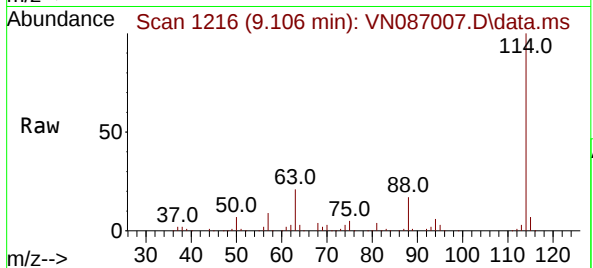
Tgt Ion:114 Resp: 404853

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 16.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.074 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087007.D

Acq: 13 Jun 2025 17:18

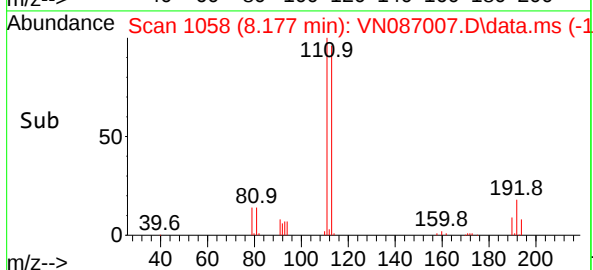
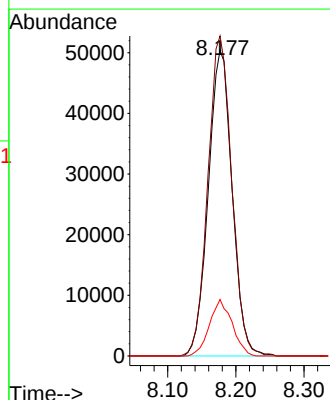
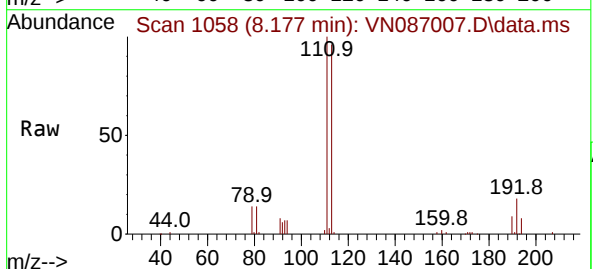
Tgt Ion:113 Resp: 122540

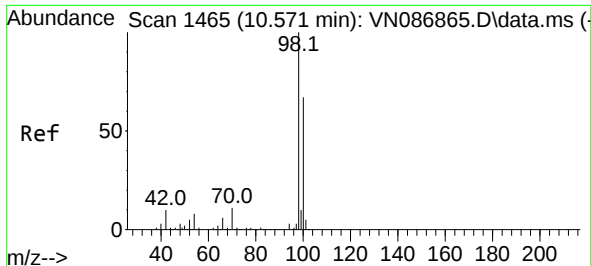
Ion Ratio Lower Upper

113 100

111 104.6 84.2 126.2

192 17.6 14.2 21.4

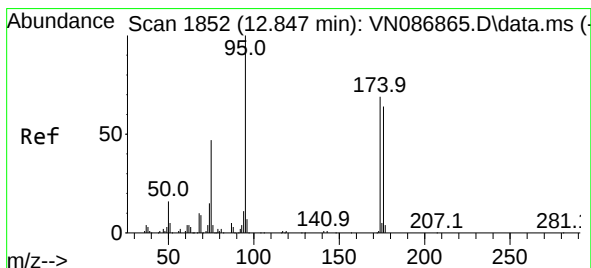
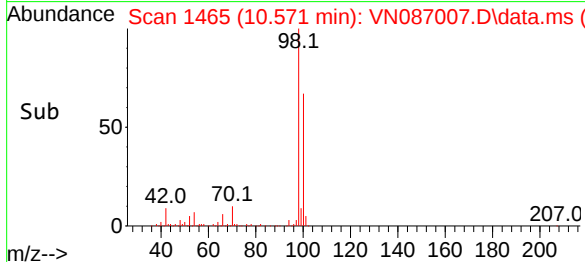
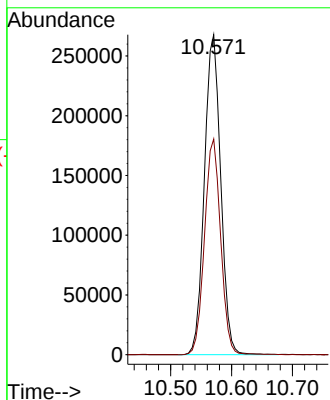
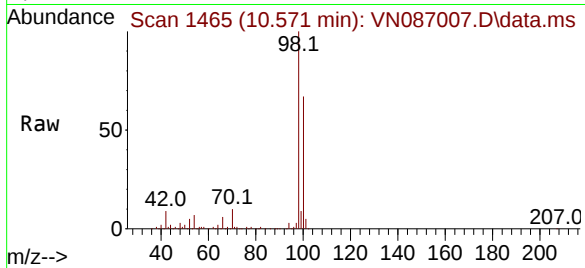




#50
Toluene-d8
Concen: 52.481 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

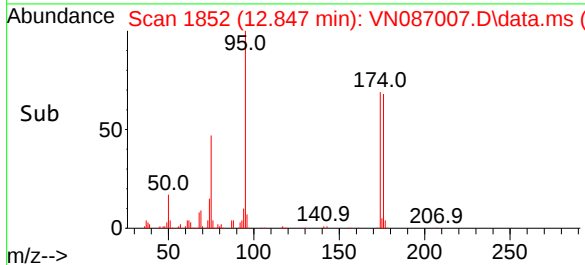
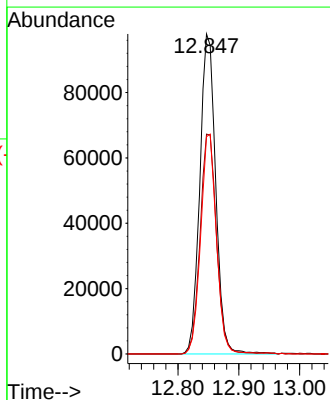
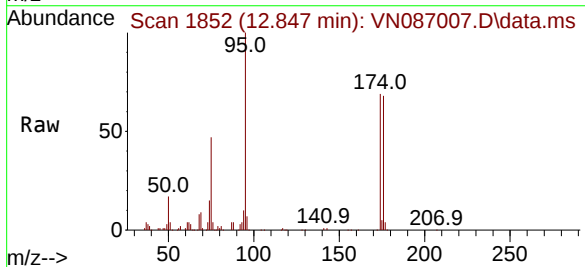
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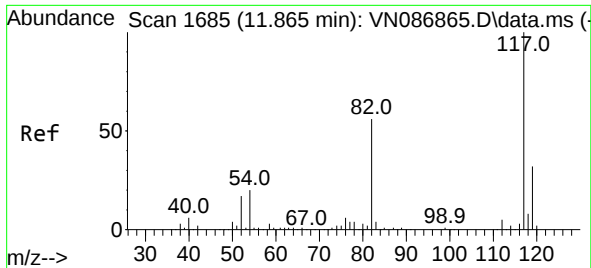
Tgt Ion: 98 Resp: 498466
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.343 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

Tgt Ion: 95 Resp: 177650
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.8
176 68.2 0.0 132.6

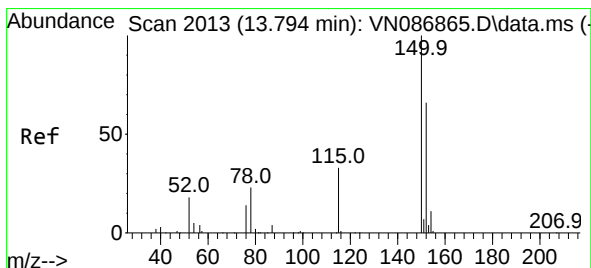
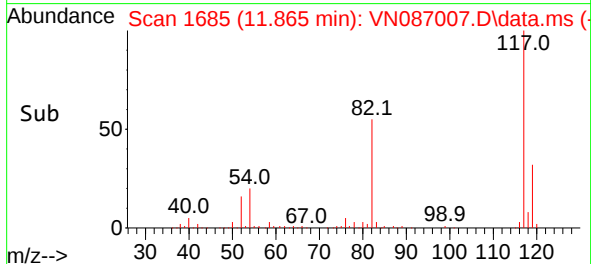
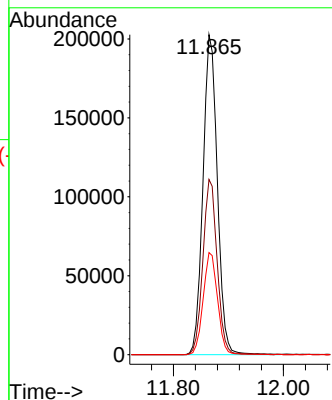
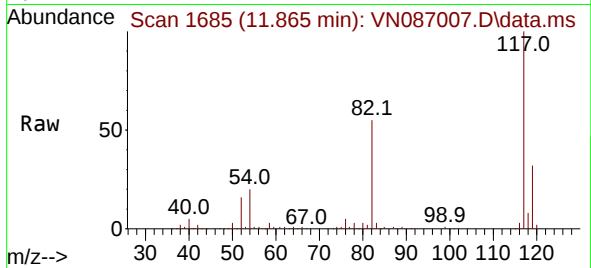




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

Instrument :
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BP-VPB-182-EB-20250612

Tgt Ion:117 Resp: 368221
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087007.D
Acq: 13 Jun 2025 17:18

Tgt Ion:152 Resp: 177791
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.5
150 155.6 0.0 345.0

