

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087004.D
 Acq On : 13 Jun 2025 16:12
 Operator : JC\MD
 Sample : Q2314-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 14 00:30:41 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)

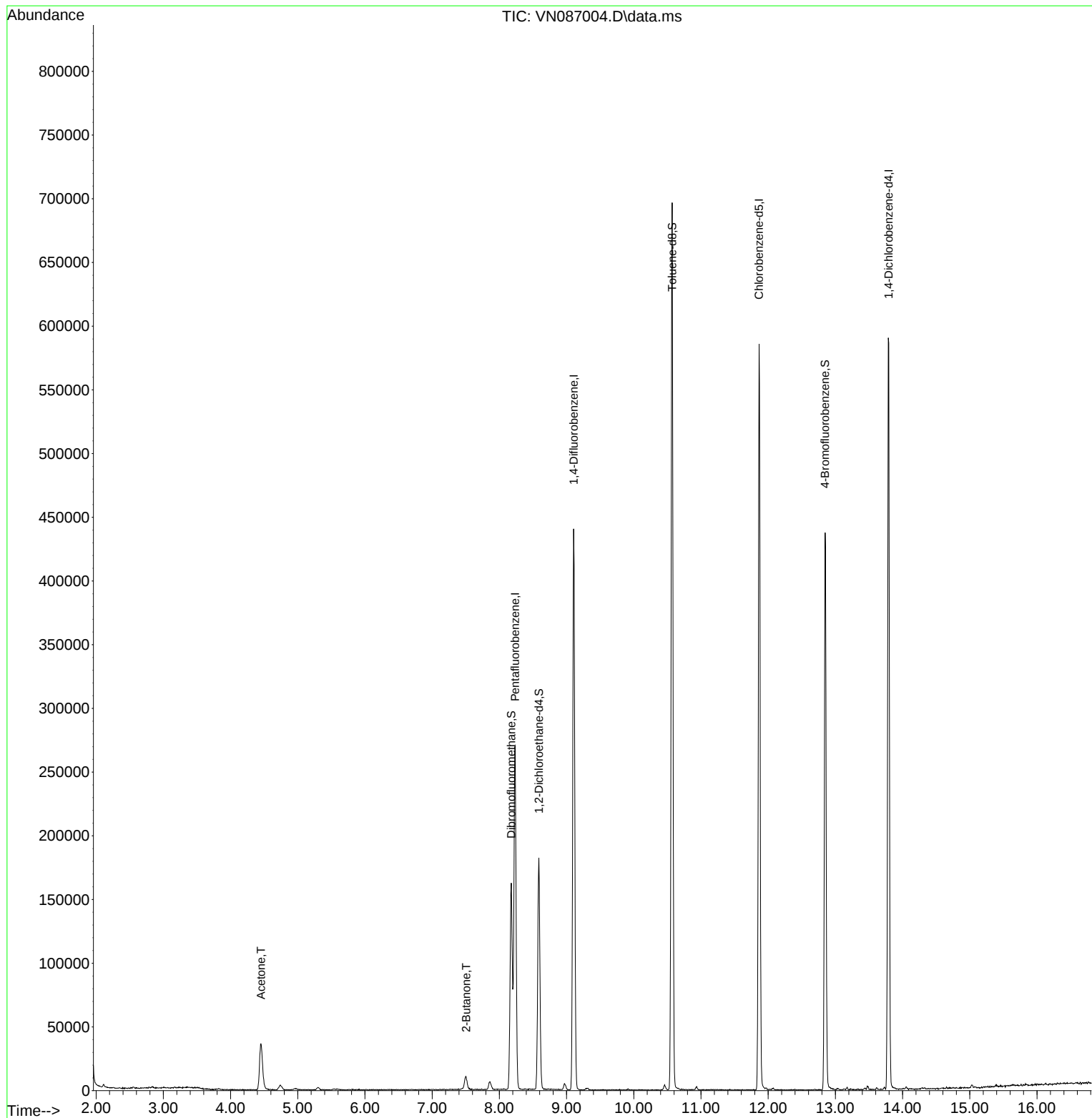
Internal Standards							
1) Pentafluorobenzene		8.235	168	212310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.106	114	415259	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.865	117	371370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	176704	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.588	65	145570	51.210	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.420%	
35) Dibromofluoromethane		8.177	113	124816	50.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%	
50) Toluene-d8		10.571	98	510098	52.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%	
62) 4-Bromofluorobenzene		12.847	95	179068	49.473	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.940%	
Target Compounds							Qvalue
16) Acetone		4.453	43	73783	48.946	ug/l	94
25) 2-Butanone		7.506	43	18816	7.679	ug/l	99

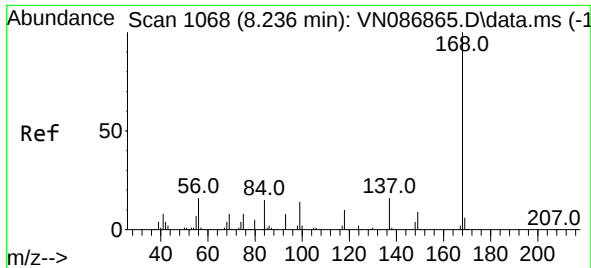
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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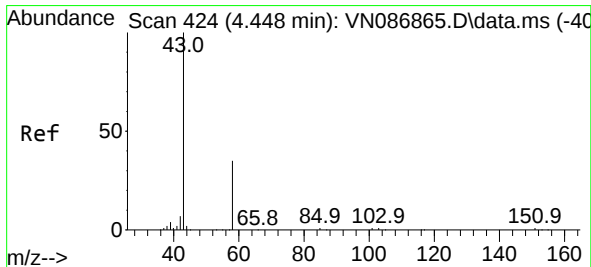
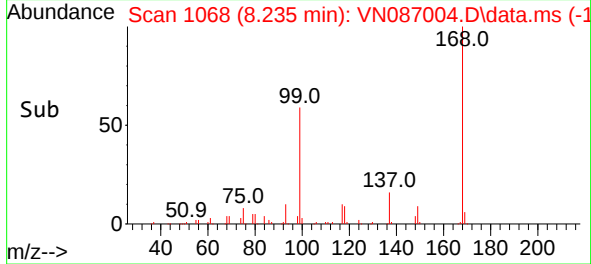
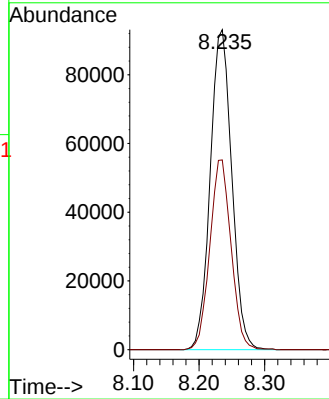
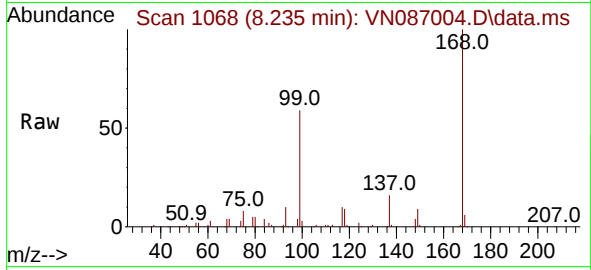




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

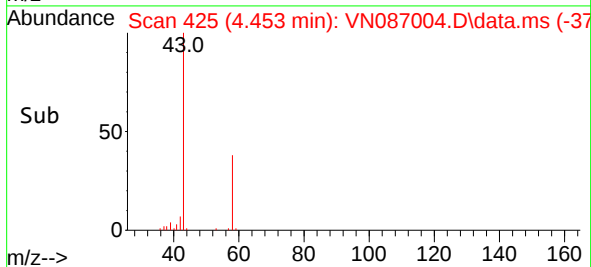
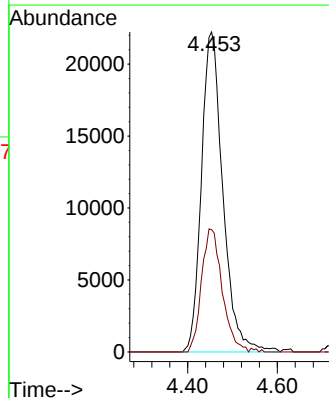
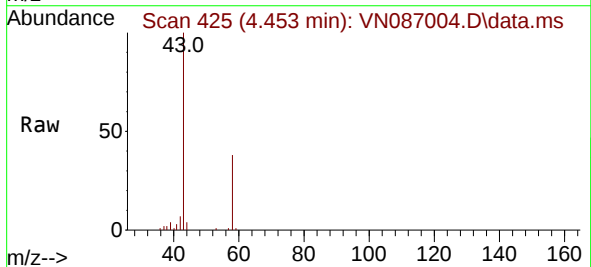
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250612

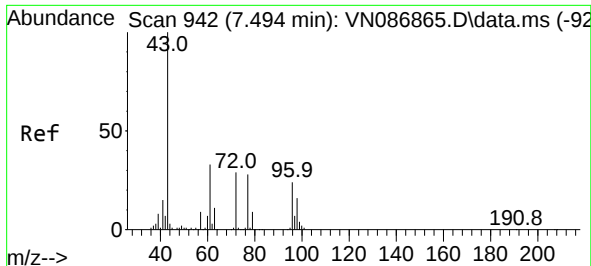
Tgt Ion:168 Resp: 212310
Ion Ratio Lower Upper
168 100
99 59.3 49.1 73.7



#16
Acetone
Concen: 48.946 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

Tgt Ion: 43 Resp: 73783
Ion Ratio Lower Upper
43 100
58 38.2 28.0 42.0

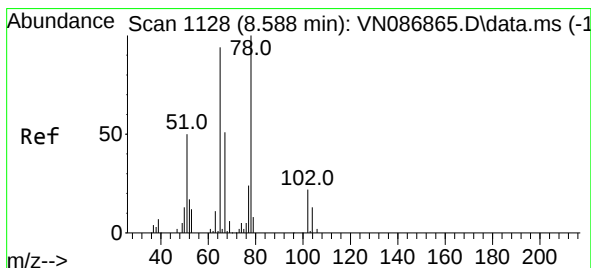
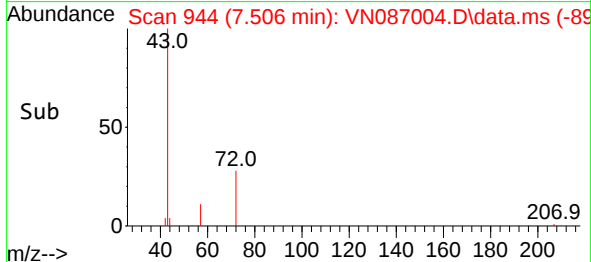
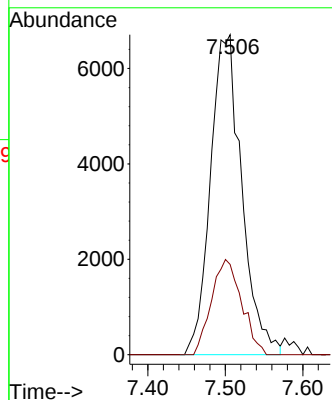
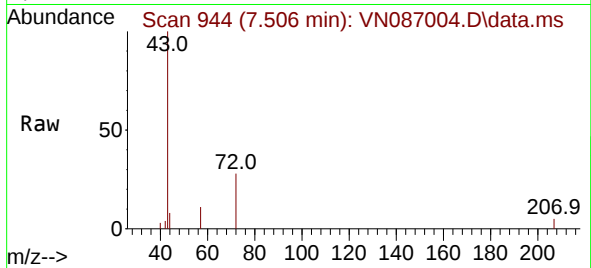




#25
2-Butanone
Concen: 7.679 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

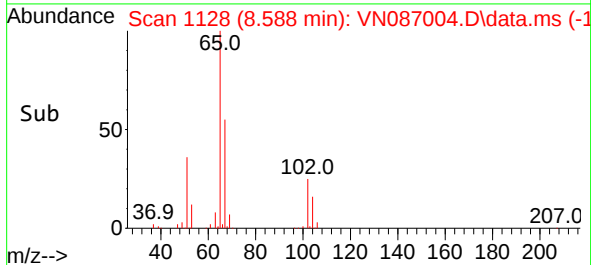
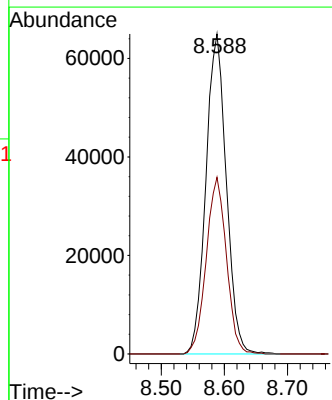
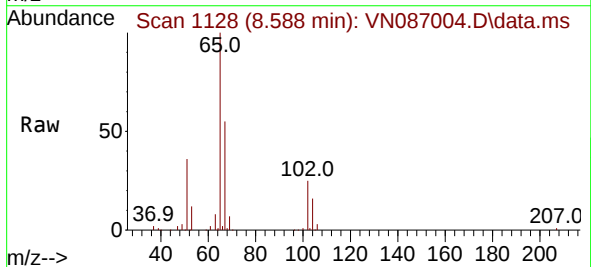
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250612

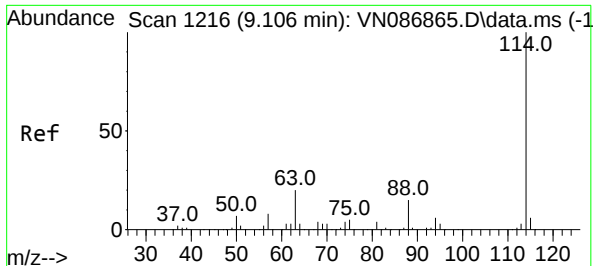
Tgt Ion: 43 Resp: 18816
Ion Ratio Lower Upper
43 100
72 28.2 23.0 34.6



#33
1,2-Dichloroethane-d4
Concen: 51.210 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

Tgt Ion: 65 Resp: 145570
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.6

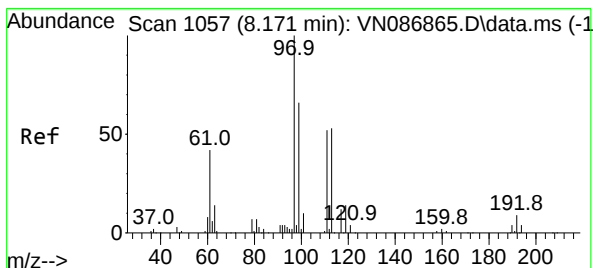
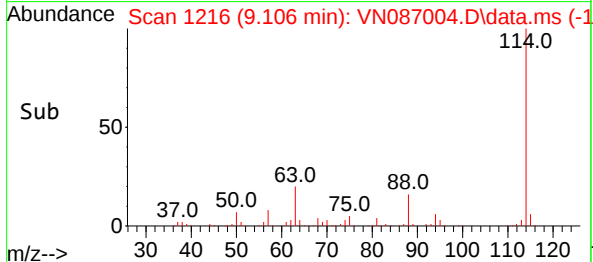
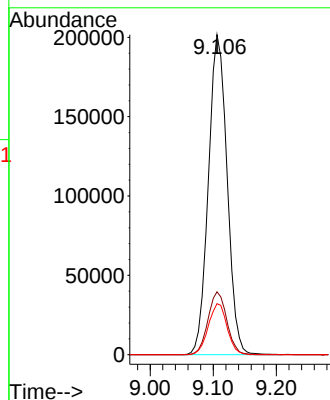
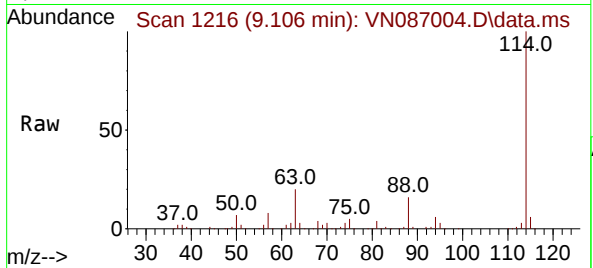




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

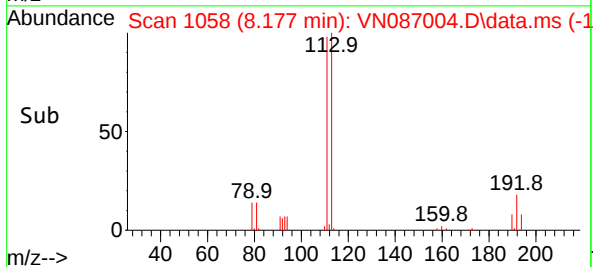
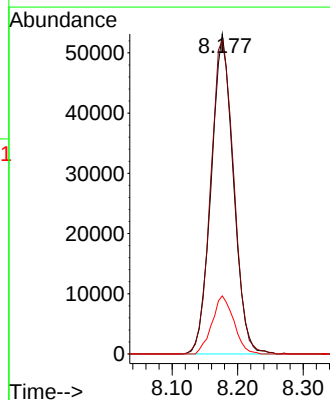
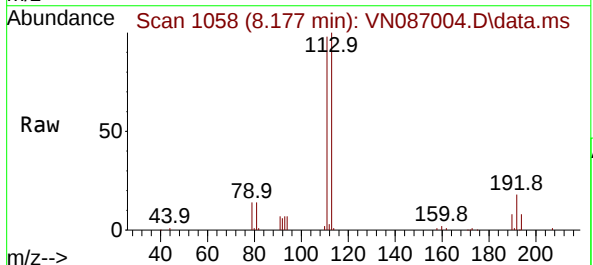
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250612

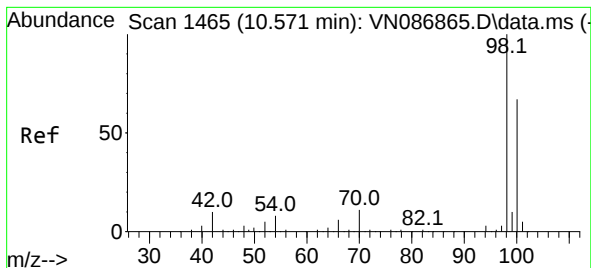
Tgt Ion:114 Resp: 415259
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 16.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.719 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

Tgt Ion:113 Resp: 124816
Ion Ratio Lower Upper
113 100
111 102.0 84.2 126.2
192 17.8 14.2 21.4

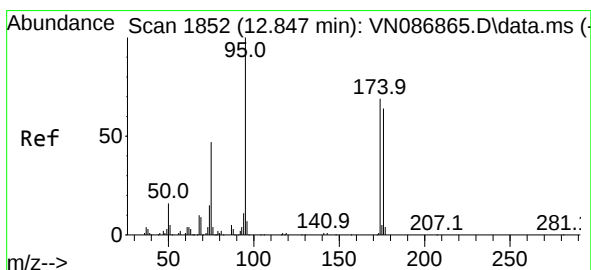
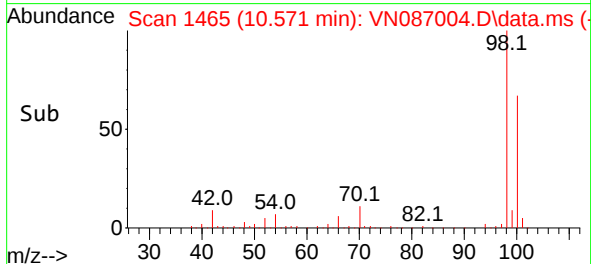
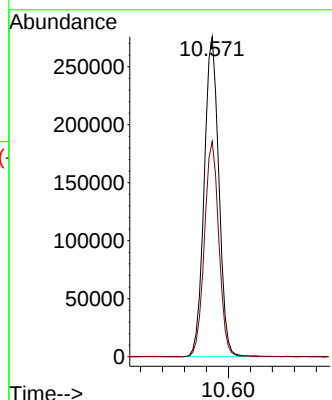
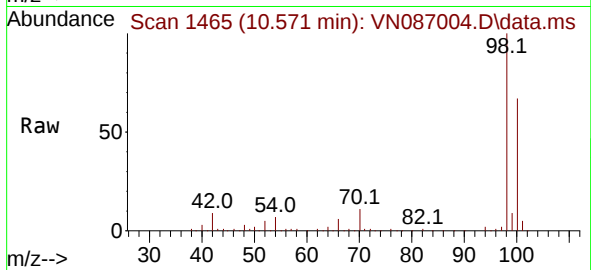




#50
Toluene-d8
Concen: 52.360 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

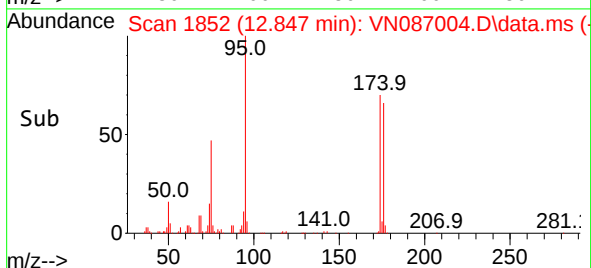
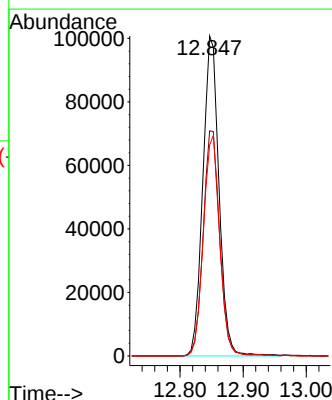
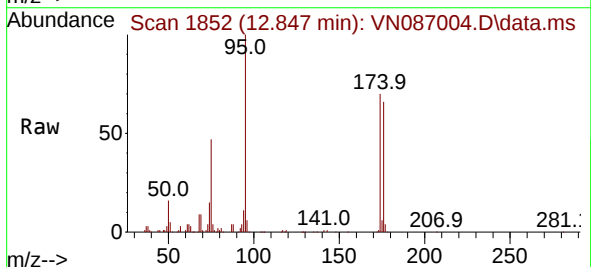
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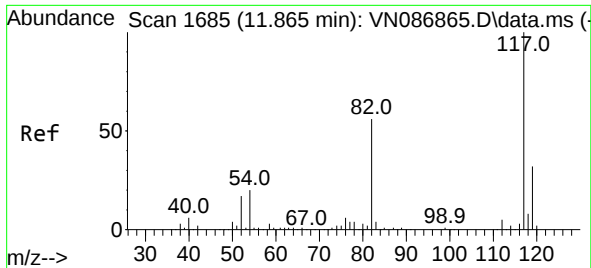
Tgt Ion: 98 Resp: 510098
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.473 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

Tgt Ion: 95 Resp: 179068
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.8
176 69.6 0.0 132.6

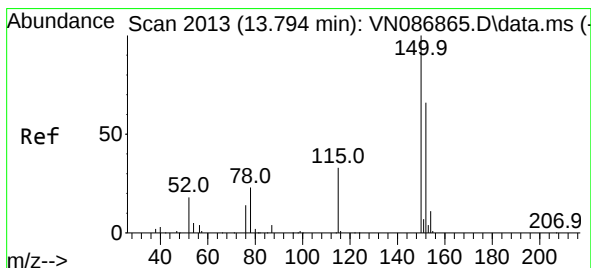
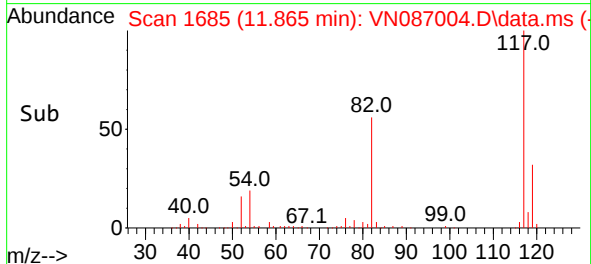
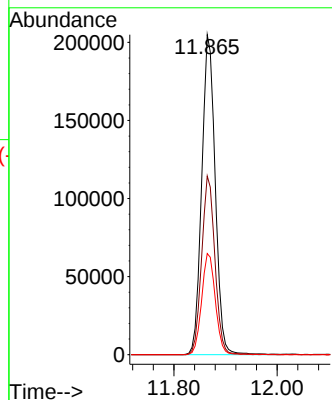
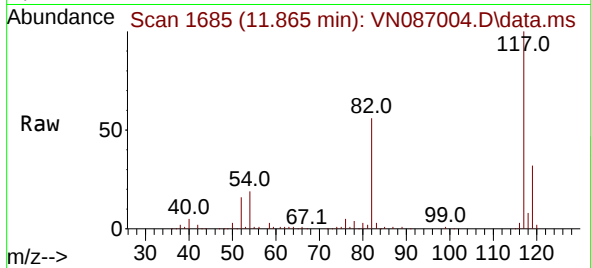




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087004.D
Acq: 13 Jun 2025 16:12

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

Tgt Ion:117 Resp: 371370
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.6 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: VN087004.D
Acq: 13 Jun 2025 16:12

Tgt Ion:152 Resp: 176704
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.5
150 161.0 0.0 345.0

