

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084435.D
 Acq On : 21 Oct 2024 14:53
 Operator : JC\MD
 Sample : P4438-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190-HYD-20241016

Quant Time: Oct 22 01:34:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

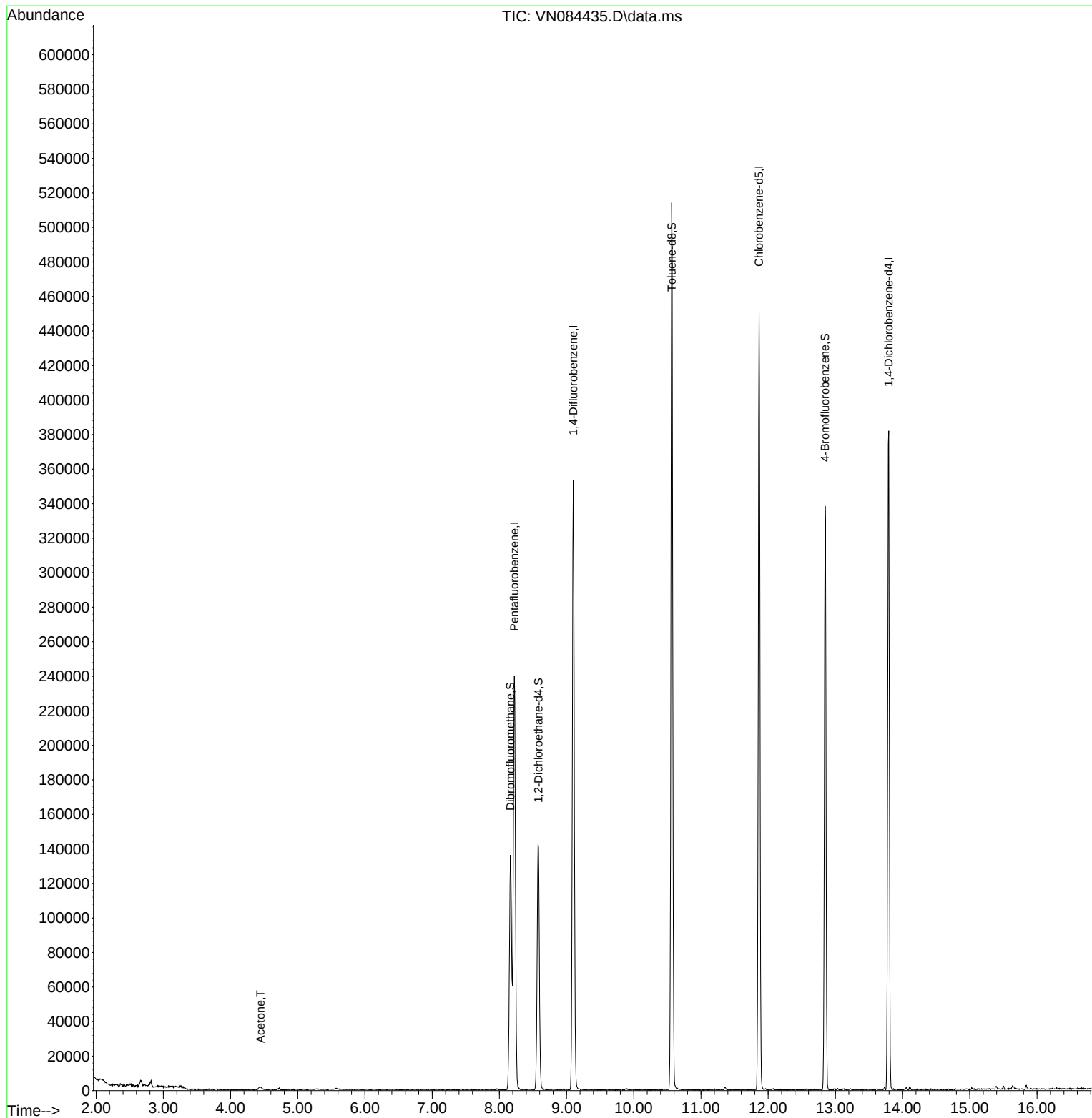
Internal Standards						
1) Pentafluorobenzene	8.224	168	171057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121285	47.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	8.165	113	98459	49.868	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	10.565	98	352871	48.578	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.847	95	118686	44.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.700%
Target Compounds						
16) Acetone	4.448	43	4008	3.679	ug/l	Qvalue # 83

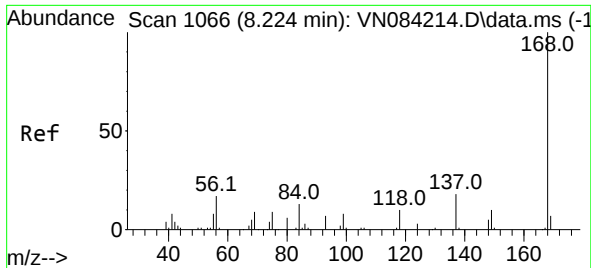
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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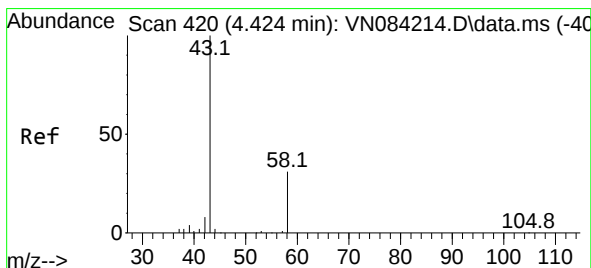
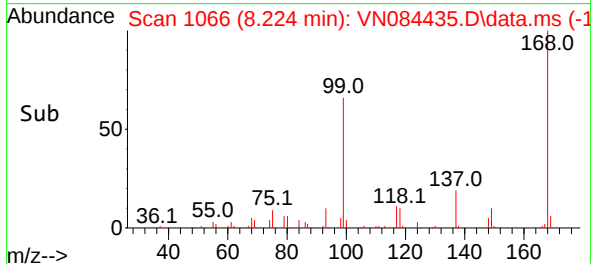
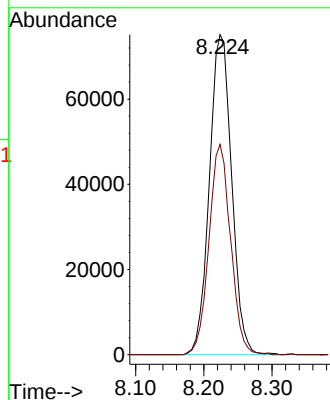
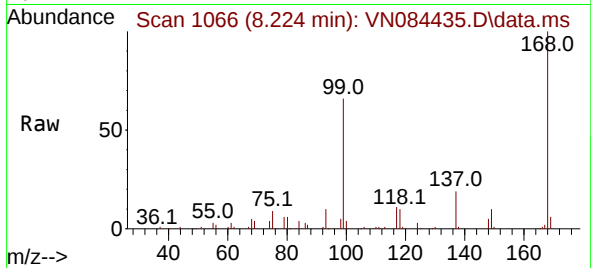




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084435.D
Acq: 21 Oct 2024 14:53

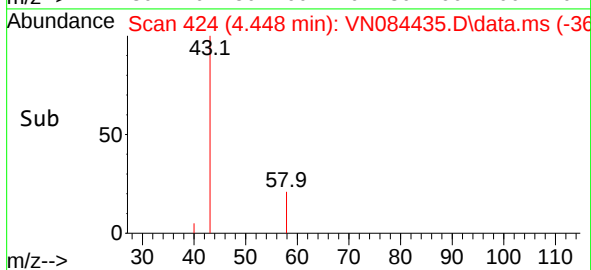
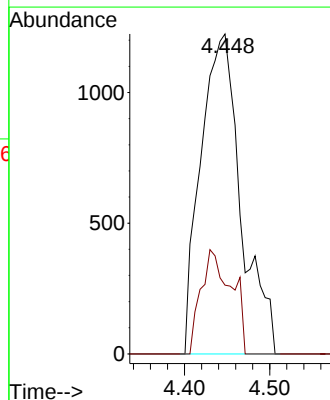
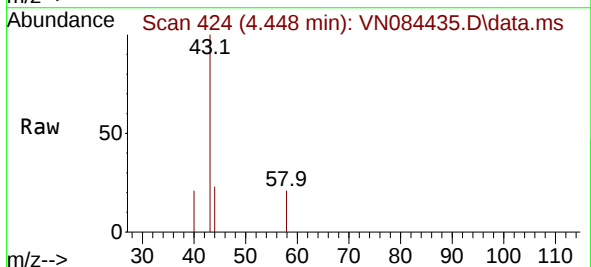
Instrument :
MSVOA_N
ClientSampleId :
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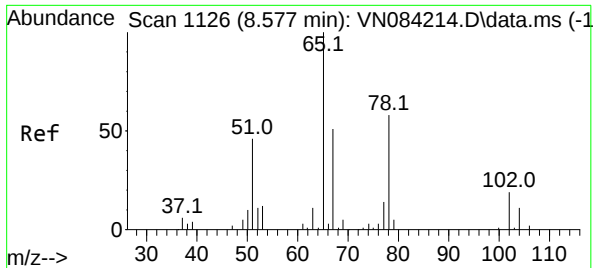
Tgt Ion:168 Resp: 171057
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2



#16
Acetone
Concen: 3.679 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN084435.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 43 Resp: 4008
Ion Ratio Lower Upper
43 100
58 21.5 24.4 36.6#

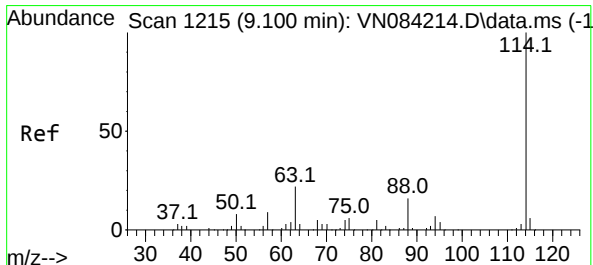
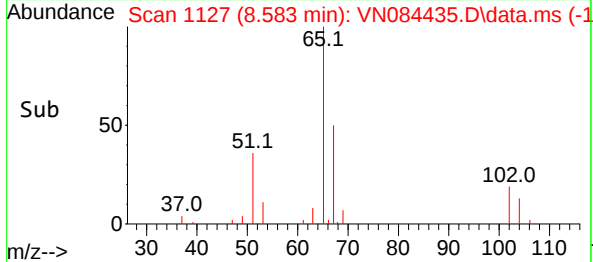
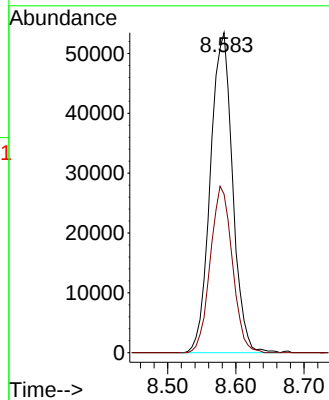
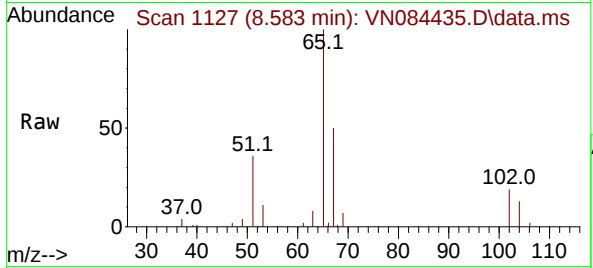




#33
 1,2-Dichloroethane-d4
 Concen: 47.821 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084435.D
 Acq: 21 Oct 2024 14:53

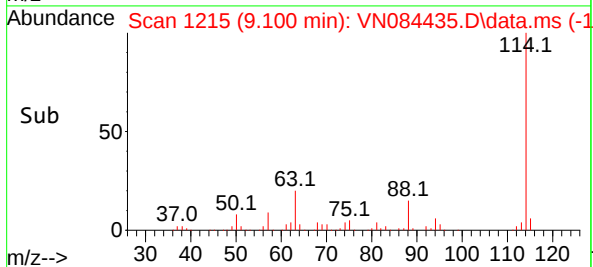
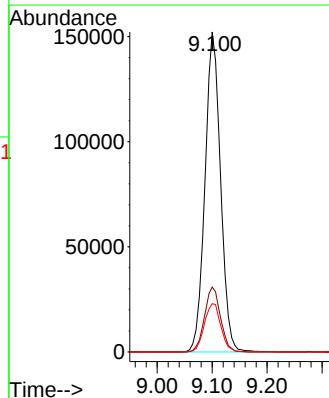
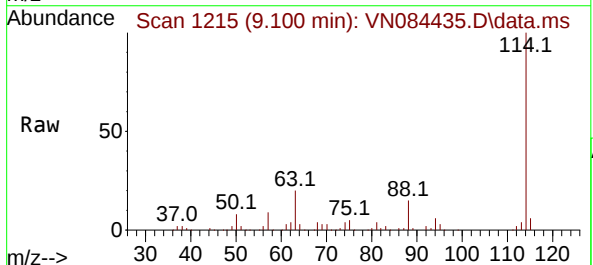
Instrument :
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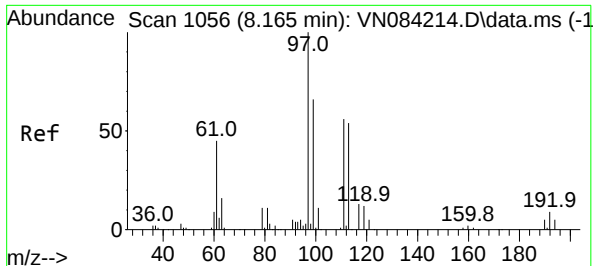
Tgt Ion: 65 Resp: 121285
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084435.D
 Acq: 21 Oct 2024 14:53

Tgt Ion: 114 Resp: 299485
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.8
 88 15.1 0.0 31.6

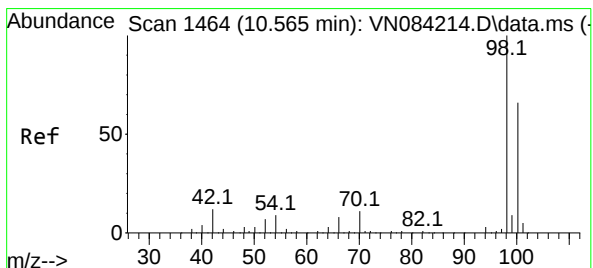
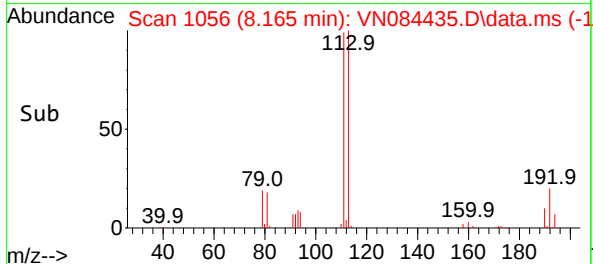
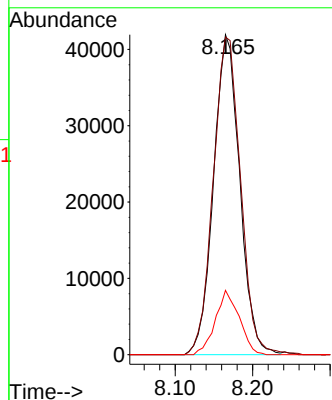
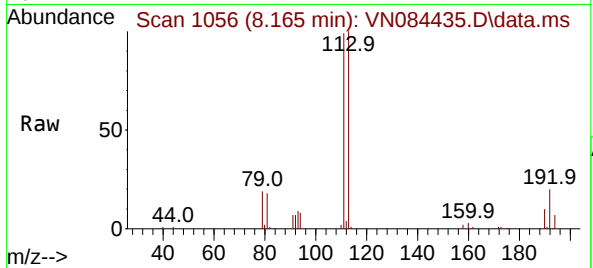




#35
Dibromofluoromethane
Concen: 49.868 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084435.D
Acq: 21 Oct 2024 14:53

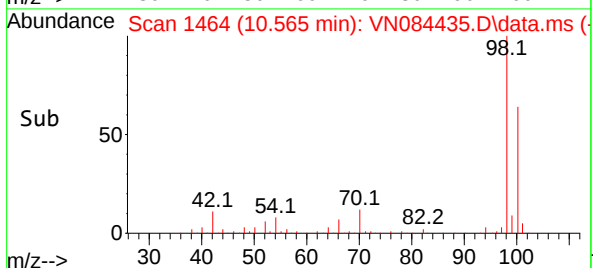
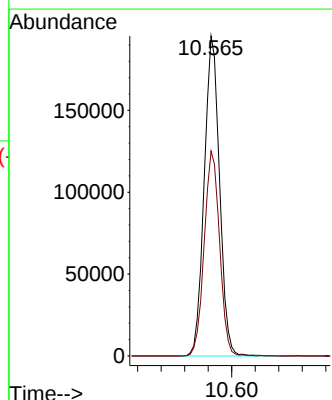
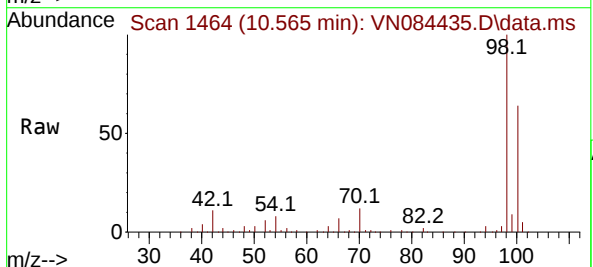
Instrument :
MSVOA_N
ClientSampleId :
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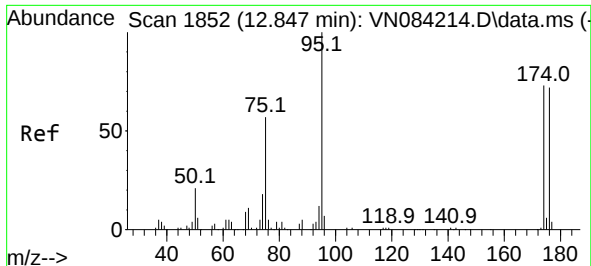
Tgt Ion:113 Resp: 98459
Ion Ratio Lower Upper
113 100
111 103.5 83.3 124.9
192 18.3 13.5 20.3



#50
Toluene-d8
Concen: 48.578 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084435.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 98 Resp: 352871
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

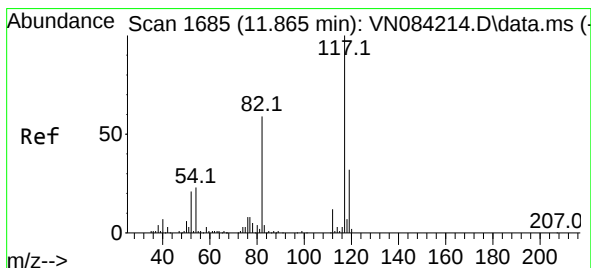
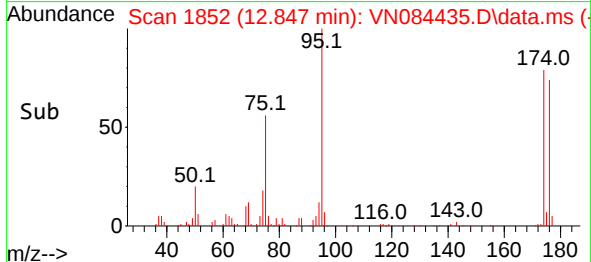
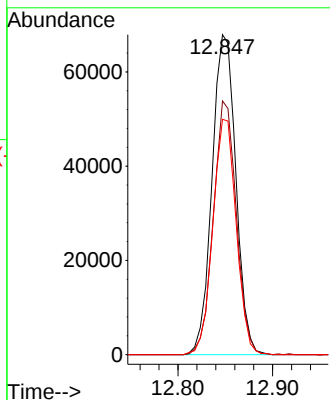
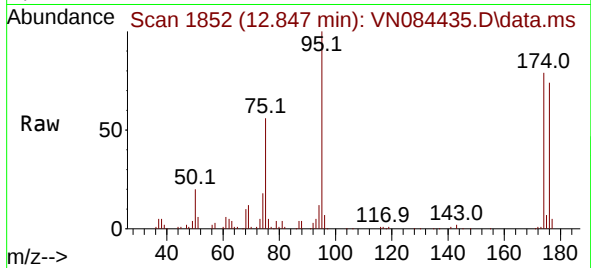




#62
4-Bromofluorobenzene
Concen: 44.849 ug/l
RT: 12.847 min Scan# 118686
Delta R.T. 0.000 min
Lab File: VN084435.D
Acq: 21 Oct 2024 14:53

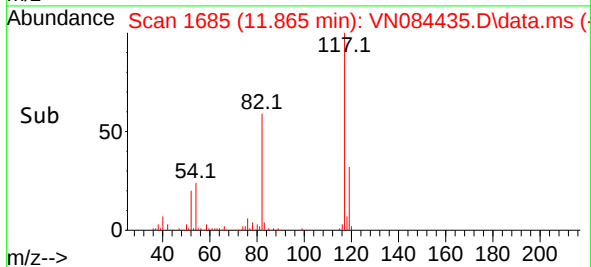
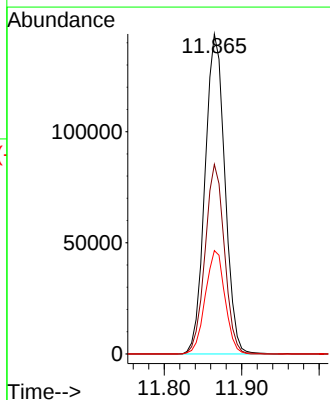
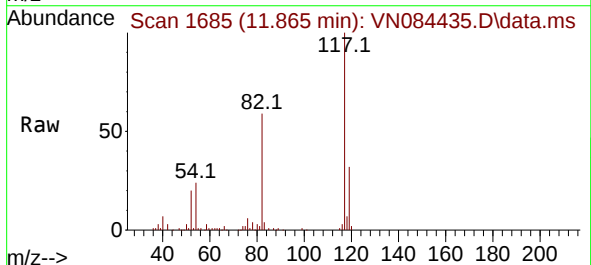
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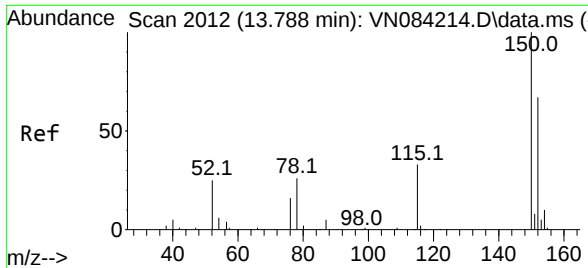
Tgt Ion: 95 Resp: 118686
Ion Ratio Lower Upper
95 100
174 76.5 0.0 145.2
176 72.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084435.D
Acq: 21 Oct 2024 14:53

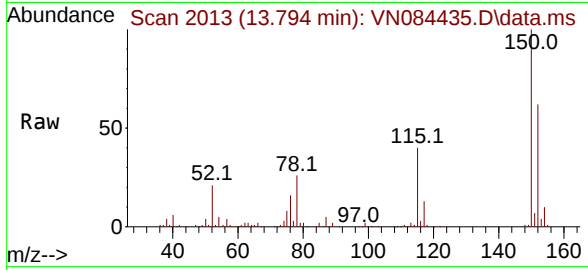
Tgt Ion: 117 Resp: 256223
Ion Ratio Lower Upper
117 100
82 59.3 47.2 70.8
119 32.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084435.D
 Acq: 21 Oct 2024 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190-HYD-20241016



Tgt Ion:152 Resp: 104212
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.3 93.9
 150 158.4 0.0 349.8

