

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084439.D
 Acq On : 21 Oct 2024 16:29
 Operator : JC\MD
 Sample : P4438-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-58-60

Quant Time: Oct 22 01:37:02 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)

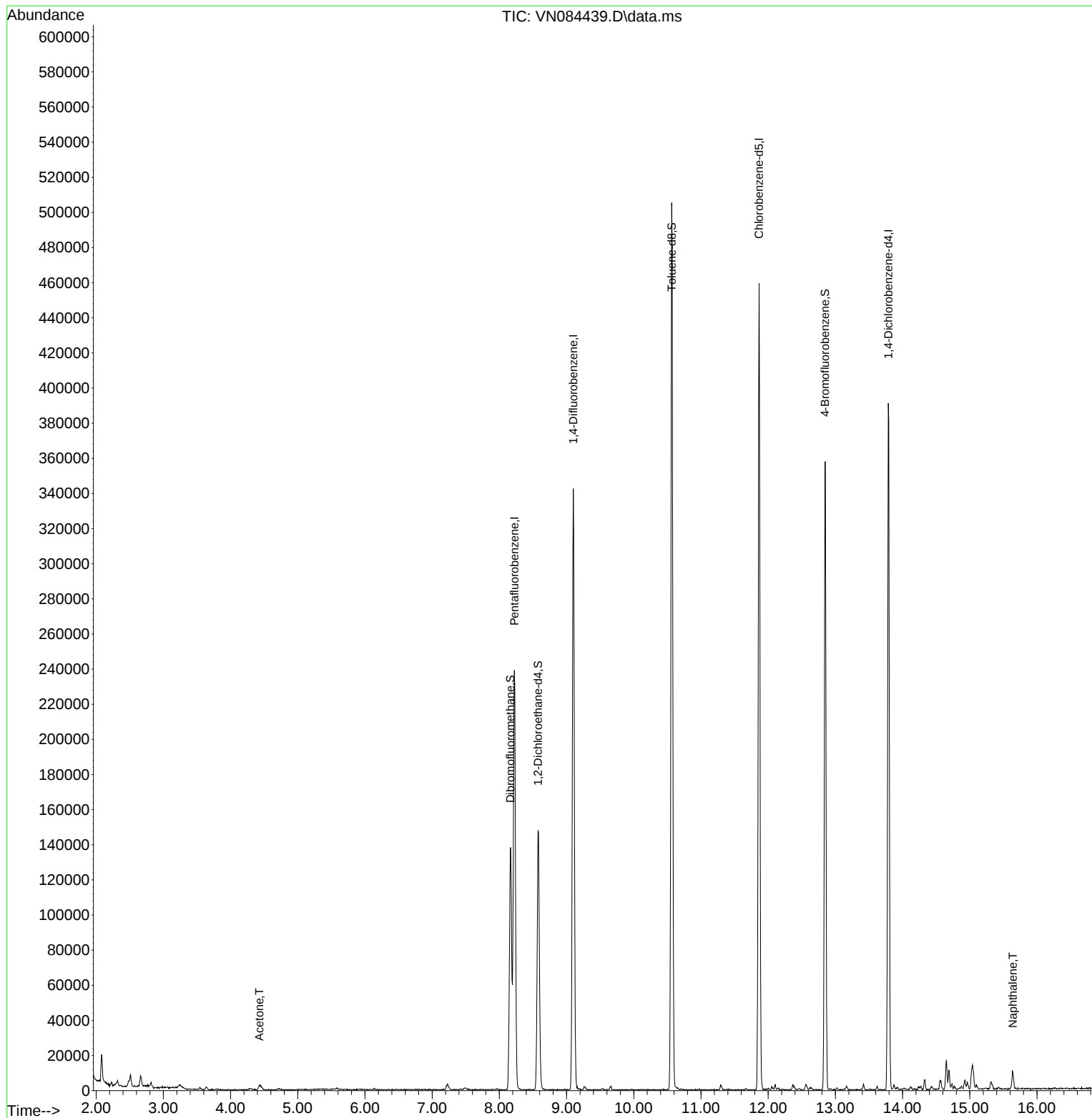
Internal Standards						
1) Pentafluorobenzene	8.224	168	169620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121477	48.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.600%
35) Dibromofluoromethane	8.165	113	99450	51.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	10.565	98	351622	49.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.847	95	125637	48.897	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.800%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	5607	5.190	ug/l	98
95) Naphthalene	15.641	128	9531	1.612	ug/l	97

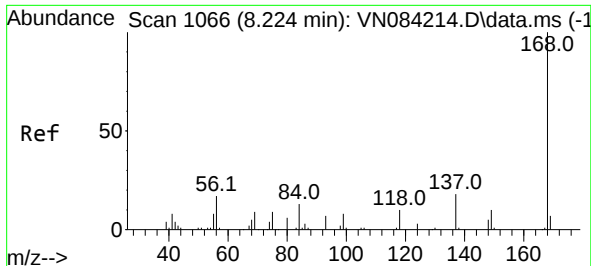
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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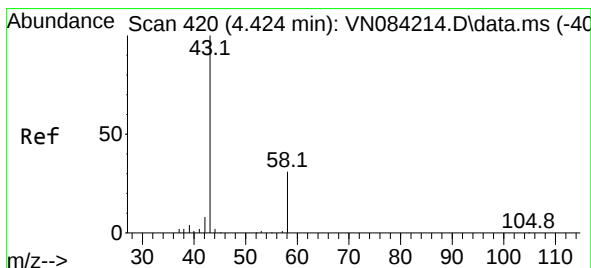
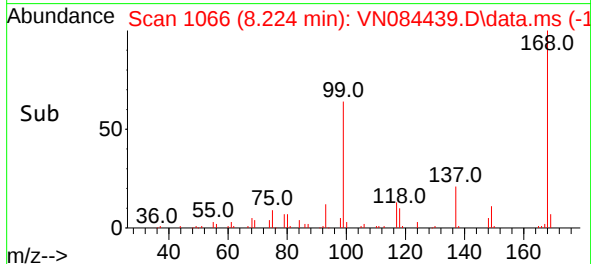
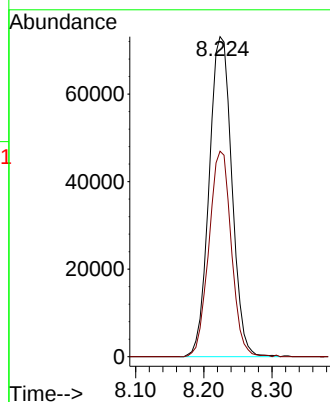
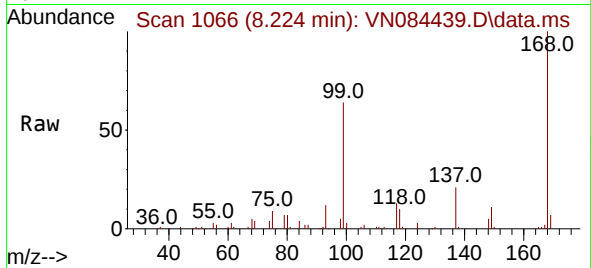




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084439.D
Acq: 21 Oct 2024 16:29

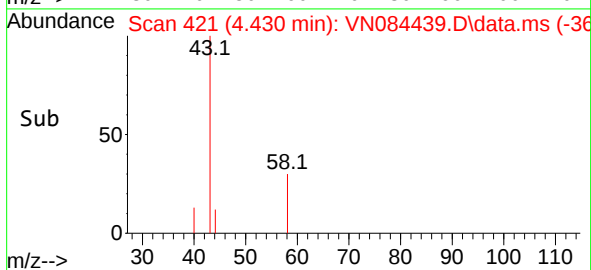
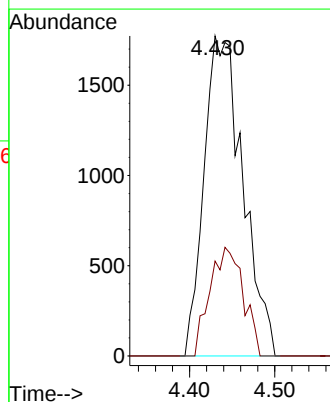
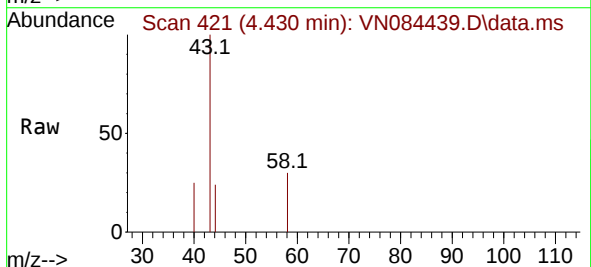
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-58-60

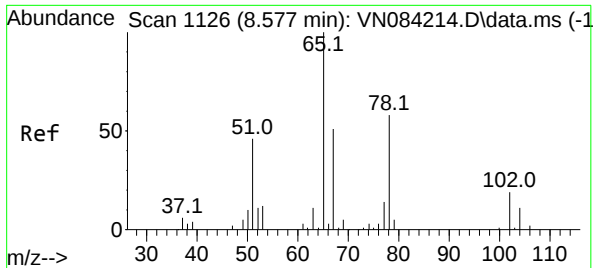
Tgt Ion:168 Resp: 169620
Ion Ratio Lower Upper
168 100
99 64.2 54.2 81.2



#16
Acetone
Concen: 5.190 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084439.D
Acq: 21 Oct 2024 16:29

Tgt Ion: 43 Resp: 5607
Ion Ratio Lower Upper
43 100
58 29.7 24.4 36.6

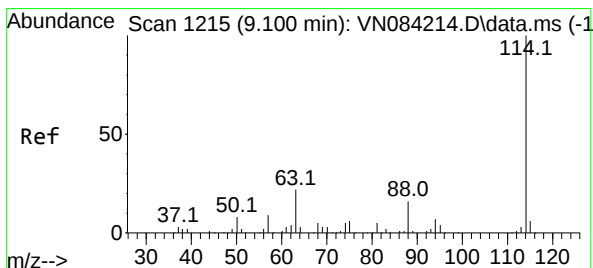
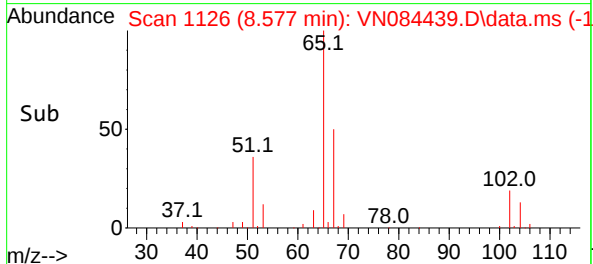
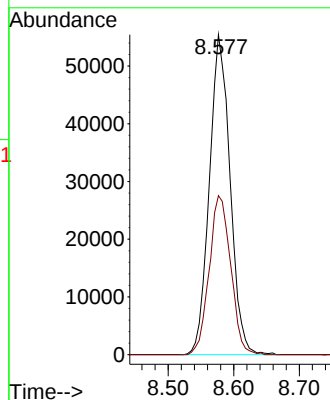
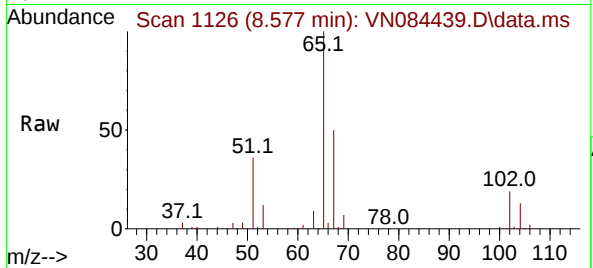




#33
 1,2-Dichloroethane-d4
 Concen: 48.302 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084439.D
 Acq: 21 Oct 2024 16:29

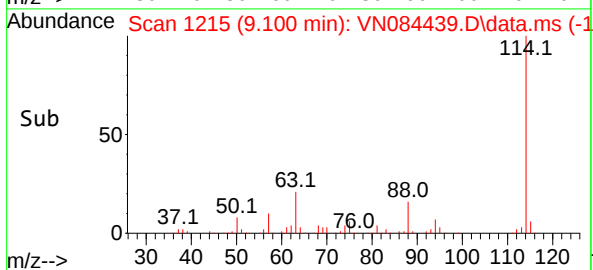
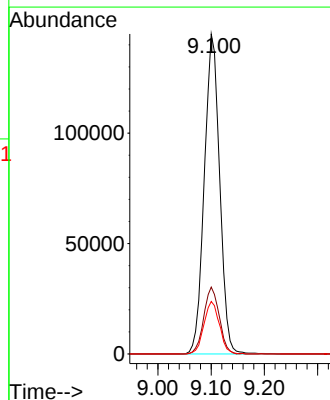
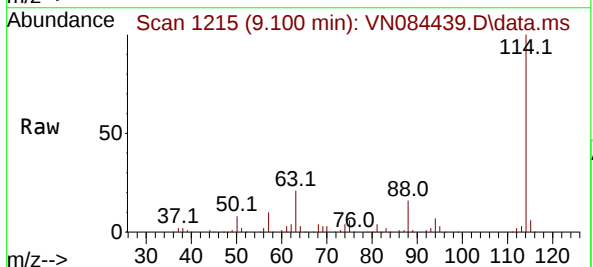
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-58-60

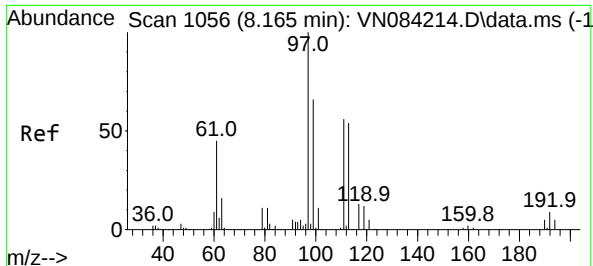
Tgt Ion: 65 Resp: 121477
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084439.D
 Acq: 21 Oct 2024 16:29

Tgt Ion: 114 Resp: 290778
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.8
 88 16.4 0.0 31.6

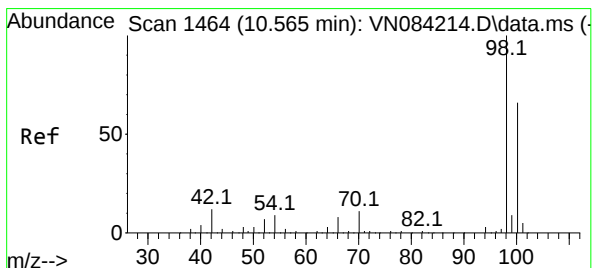
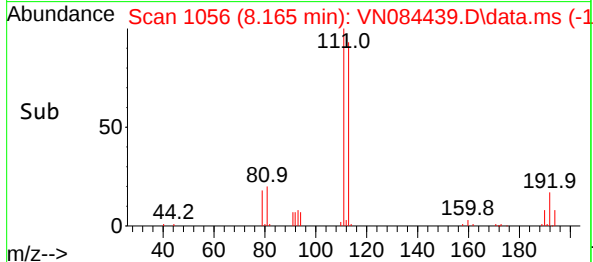
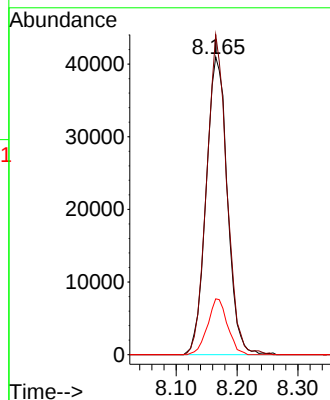
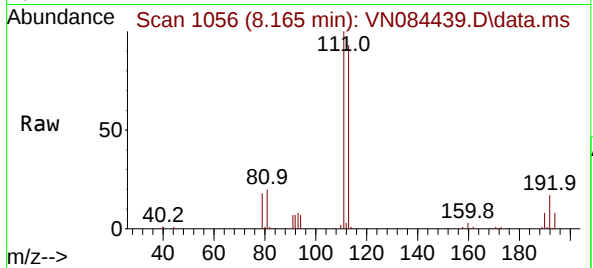




#35
Dibromofluoromethane
Concen: 51.878 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084439.D
Acq: 21 Oct 2024 16:29

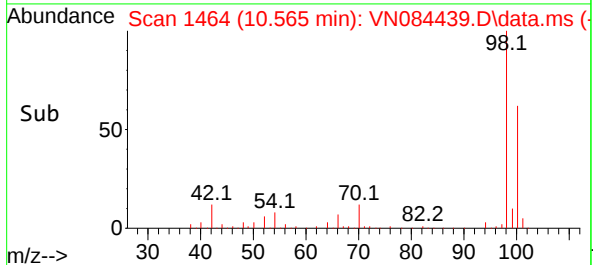
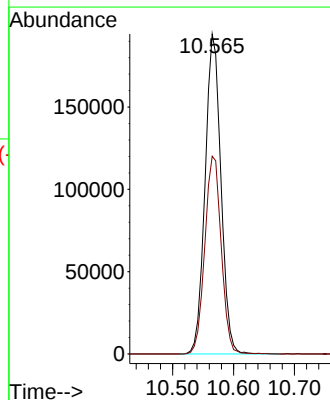
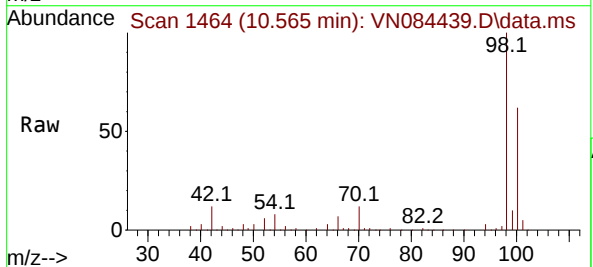
Instrument :
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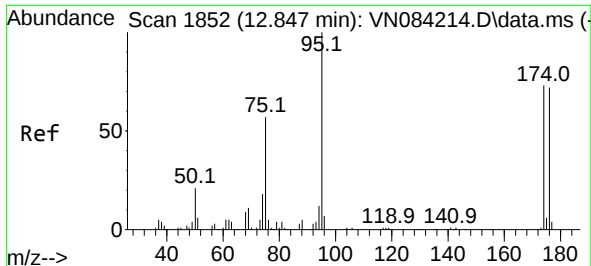
Tgt Ion:113 Resp: 99450
Ion Ratio Lower Upper
113 100
111 102.1 83.3 124.9
192 17.5 13.5 20.3



#50
Toluene-d8
Concen: 49.856 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084439.D
Acq: 21 Oct 2024 16:29

Tgt Ion: 98 Resp: 351622
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1

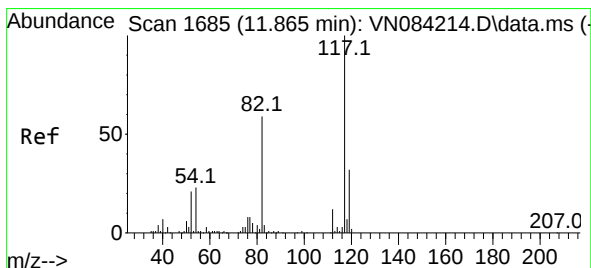
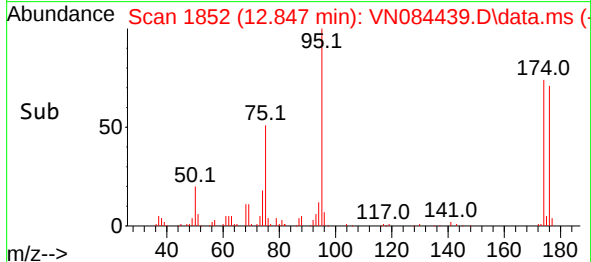
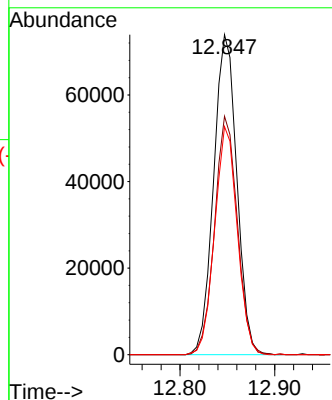
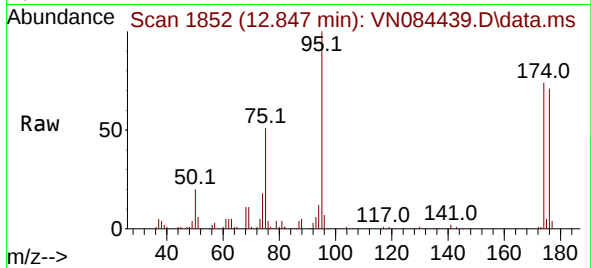




#62
4-Bromofluorobenzene
Concen: 48.897 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084439.D
Acq: 21 Oct 2024 16:29

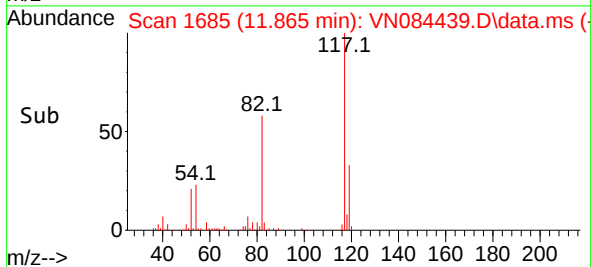
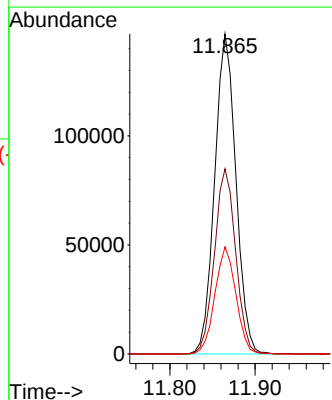
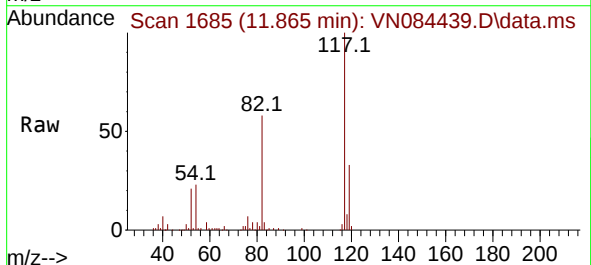
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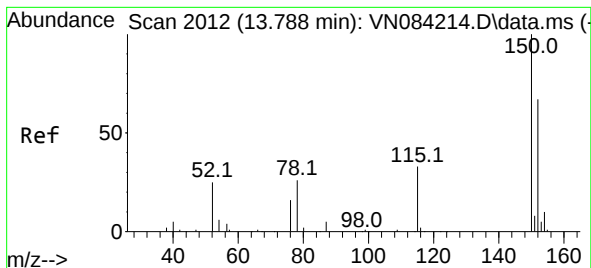
Tgt Ion: 95 Resp: 125637
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 69.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084439.D
Acq: 21 Oct 2024 16:29

Tgt Ion: 117 Resp: 254308
Ion Ratio Lower Upper
117 100
82 57.9 47.2 70.8
119 33.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084439.D

Acq: 21 Oct 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-58-60

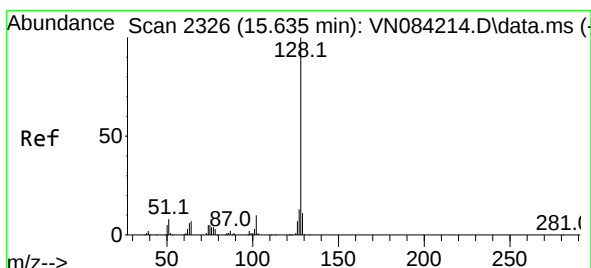
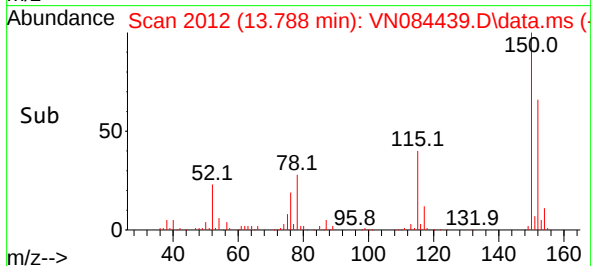
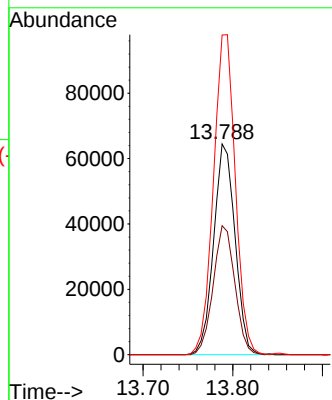
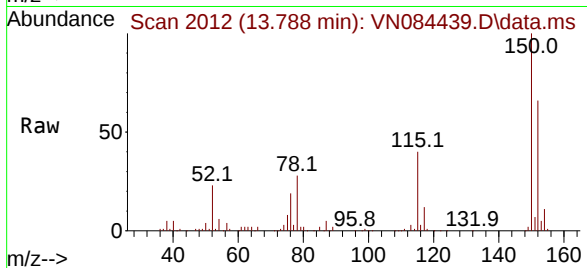
Tgt Ion:152 Resp: 106943

Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.9

150 155.1 0.0 349.8



#95

Naphthalene

Concen: 1.612 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084439.D

Acq: 21 Oct 2024 16:29

Tgt Ion:128 Resp: 9531

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 12.7 8.7 13.1

