

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084459.D
 Acq On : 22 Oct 2024 17:09
 Operator : JC\MD
 Sample : P4475-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-278-280

Quant Time: Oct 23 01:31:04 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	8.230	168	157977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117218	50.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.080%	
35) Dibromofluoromethane	8.165	113	95280	51.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.500%	
50) Toluene-d8	10.565	98	341267	49.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.847	95	115495	46.353	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.700%	

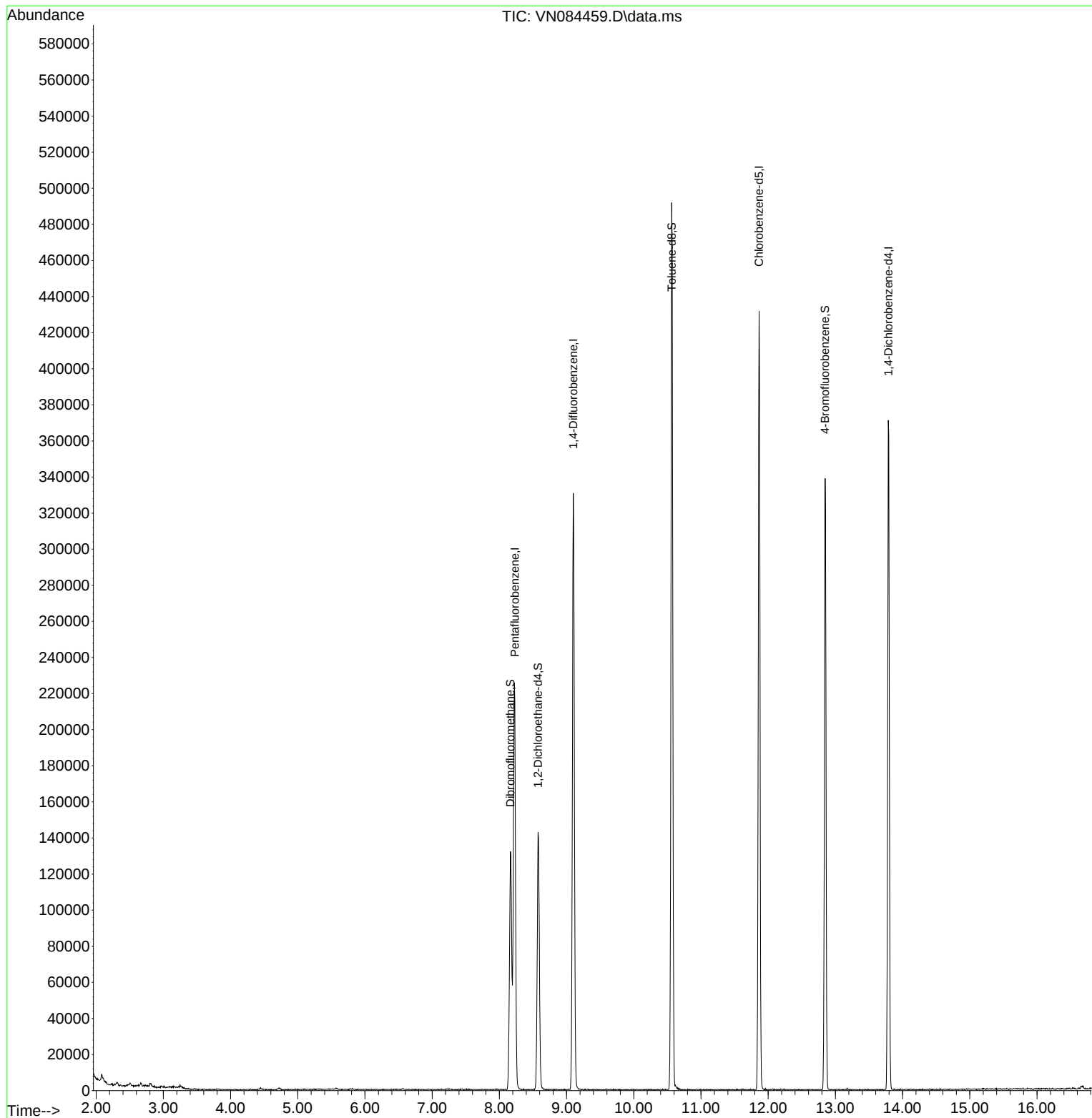
Target Compounds	Qvalue

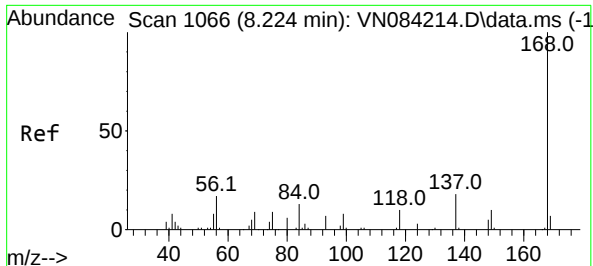
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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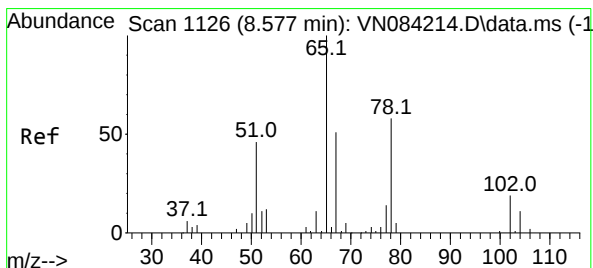
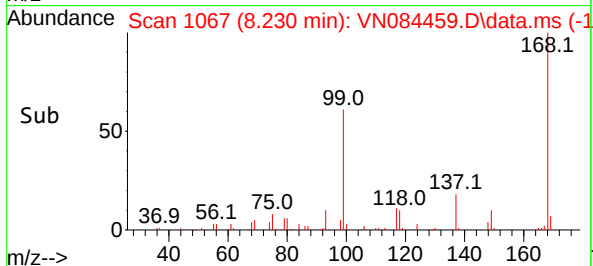
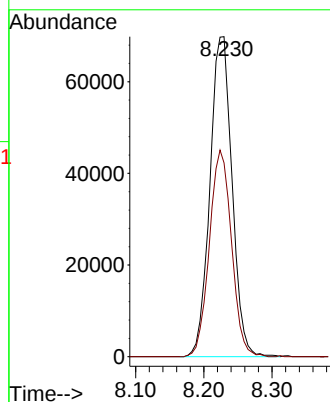
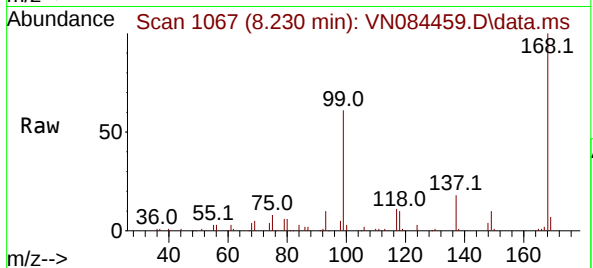




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

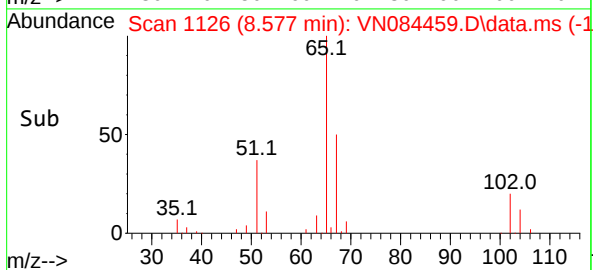
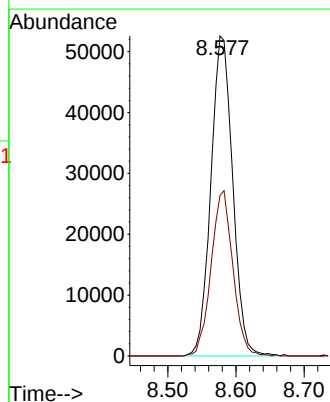
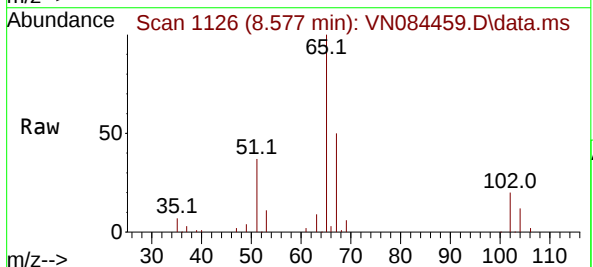
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-278-280

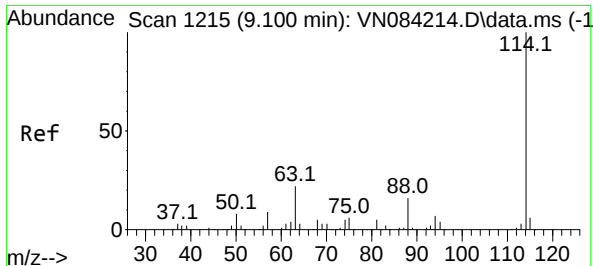
Tgt Ion:168 Resp: 157977
Ion Ratio Lower Upper
168 100
99 60.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.044 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Tgt Ion: 65 Resp: 117218
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0

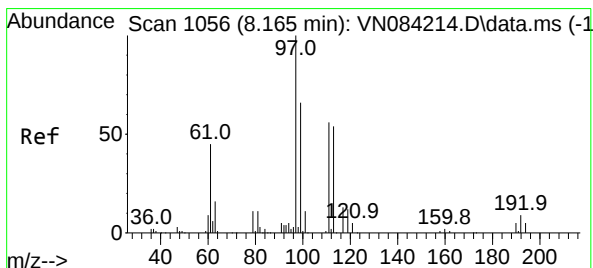
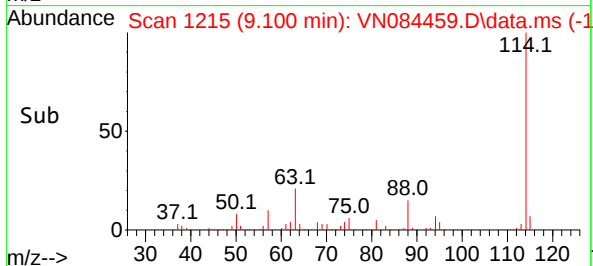
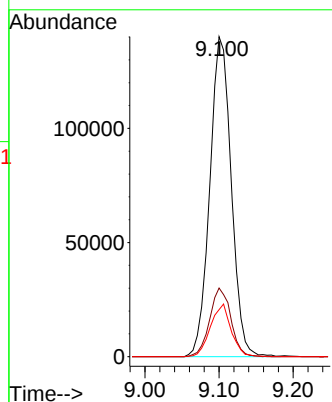
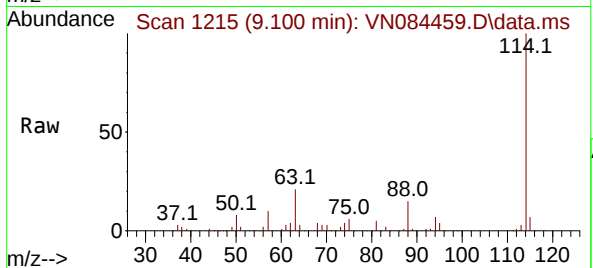




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

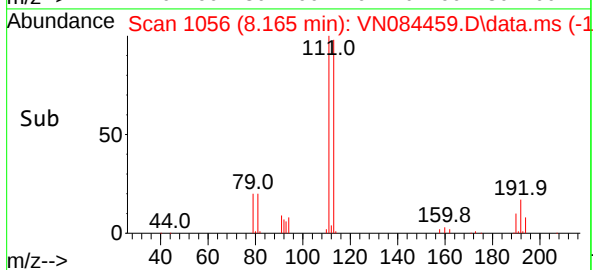
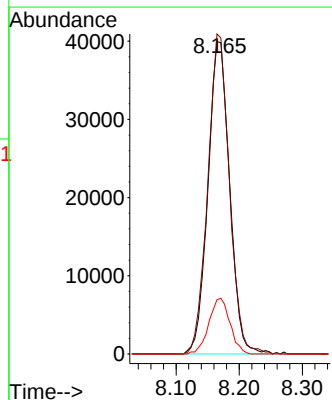
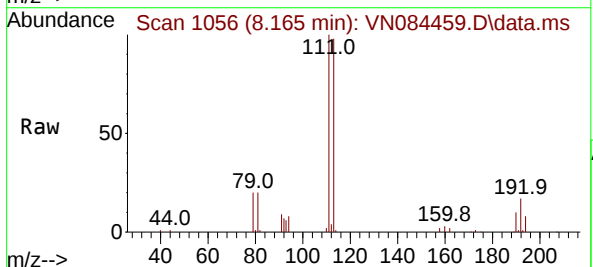
Instrument :
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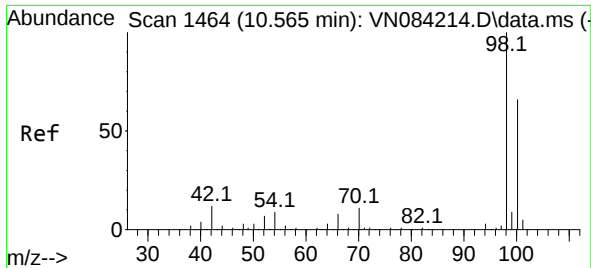
Tgt Ion:114 Resp: 281977
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.8
88 14.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.254 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Tgt Ion:113 Resp: 95280
Ion Ratio Lower Upper
113 100
111 102.1 83.3 124.9
192 17.3 13.5 20.3

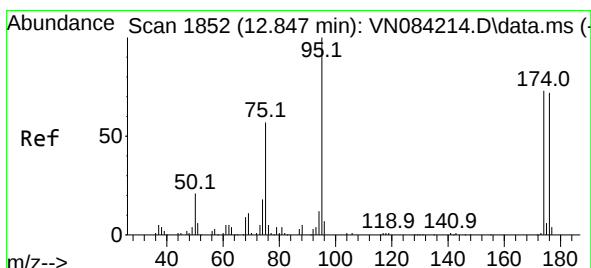
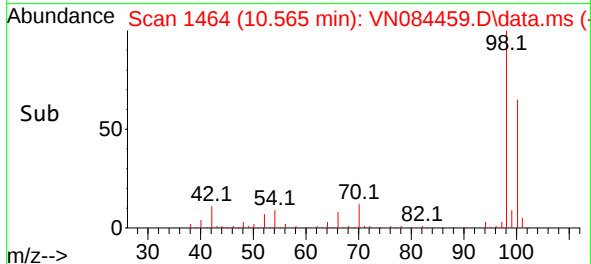
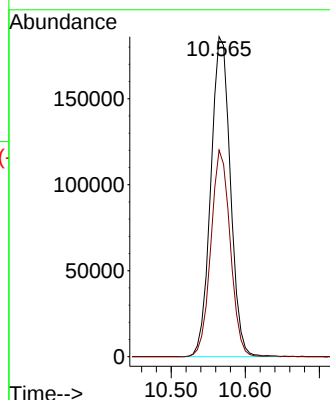
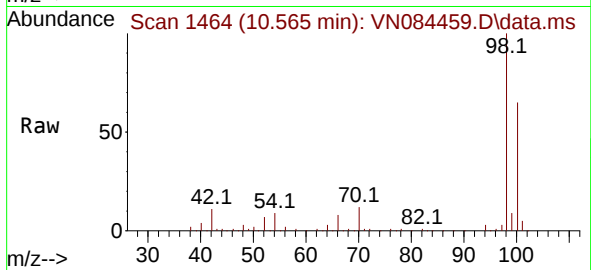




#50
Toluene-d8
Concen: 49.898 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

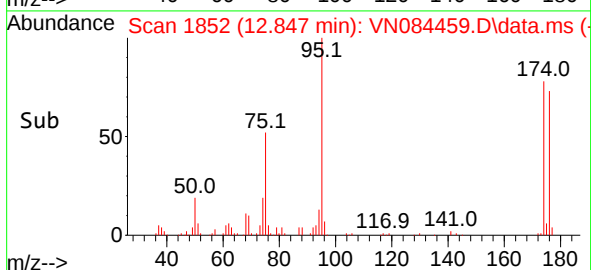
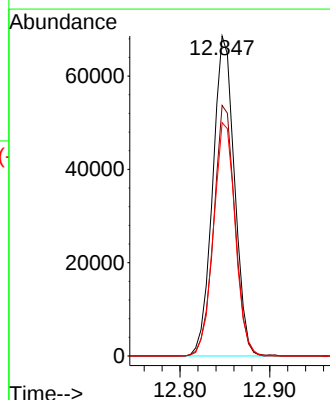
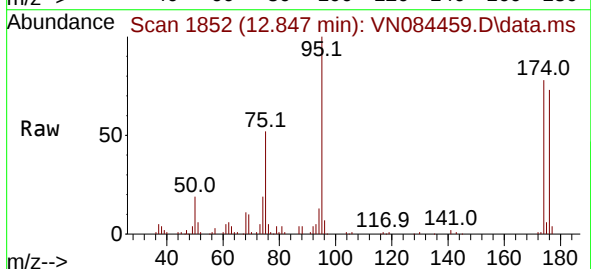
Instrument :
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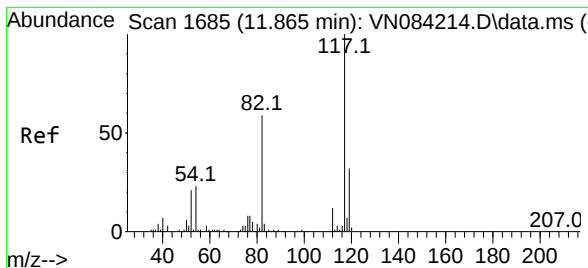
Tgt Ion: 98 Resp: 341267
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.353 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Tgt Ion: 95 Resp: 115495
Ion Ratio Lower Upper
95 100
174 76.4 0.0 145.2
176 72.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084459.D

Acq: 22 Oct 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-278-280

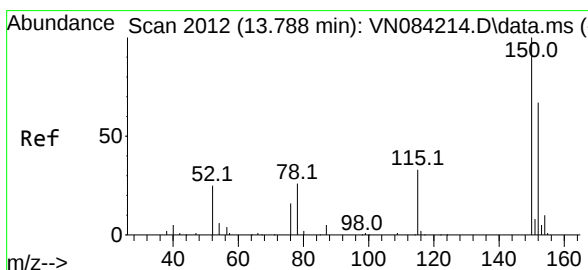
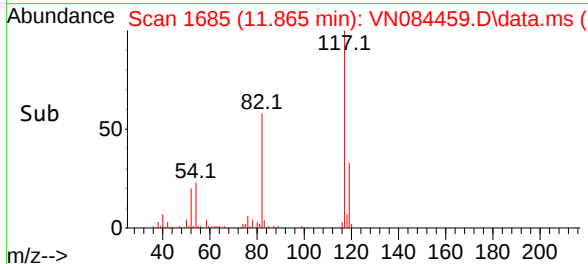
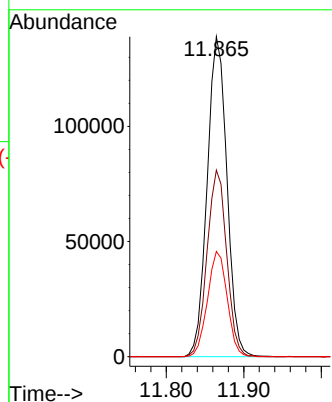
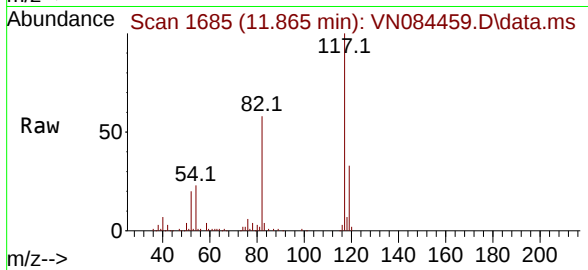
Tgt Ion:117 Resp: 245983

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

119 32.9 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: VN084459.D

Acq: 22 Oct 2024 17:09

Tgt Ion:152 Resp: 100831

Ion Ratio Lower Upper

152 100

115 63.4 31.3 93.9

150 158.9 0.0 349.8

