

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084523.D
 Acq On : 25 Oct 2024 18:02
 Operator : JC\MD
 Sample : P4550-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-EB-20241023

Quant Time: Oct 25 23:37:32 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	130309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109188	56.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.020%
35) Dibromofluoromethane	8.165	113	88095	55.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.260%
50) Toluene-d8	10.565	98	283059	48.148	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.847	95	93067	43.454	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.900%

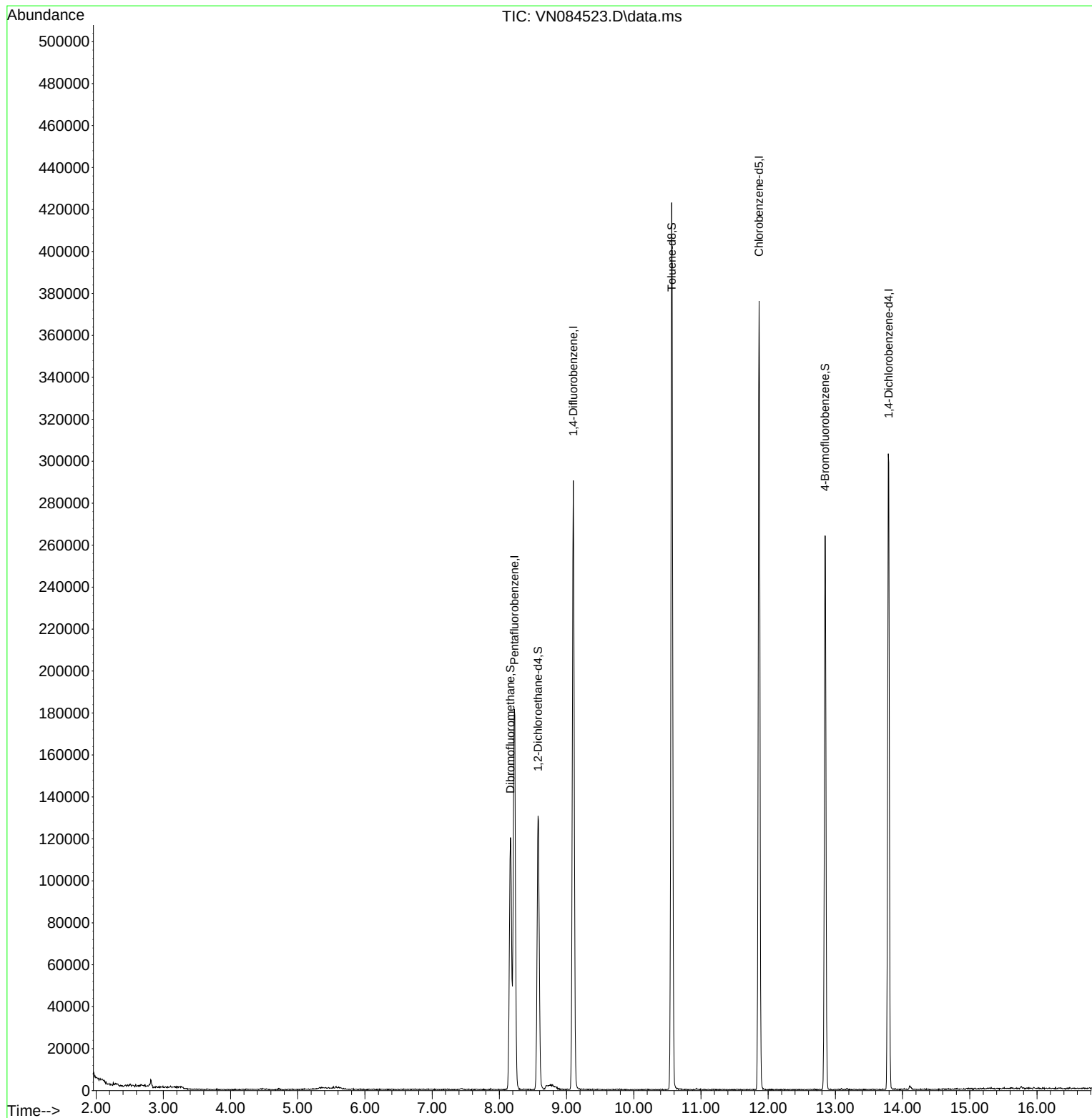
Target Compounds	Qvalue

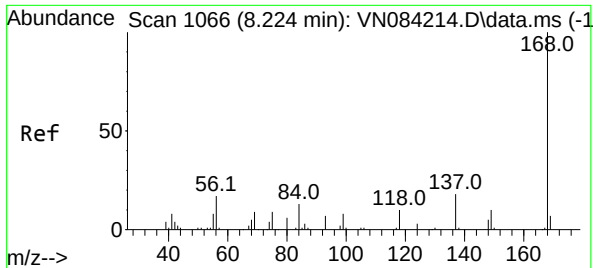
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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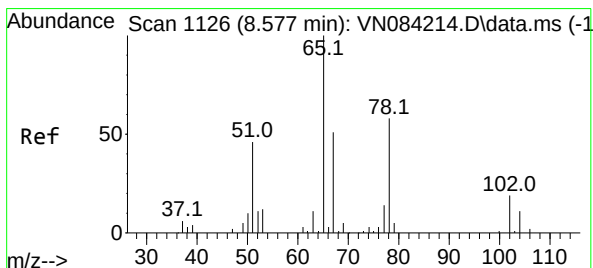
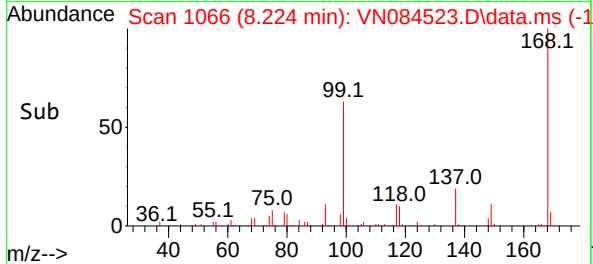
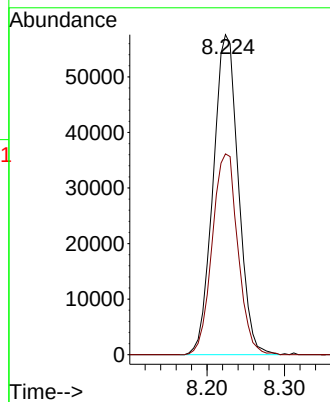
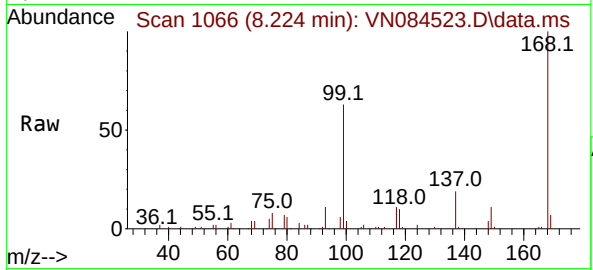




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

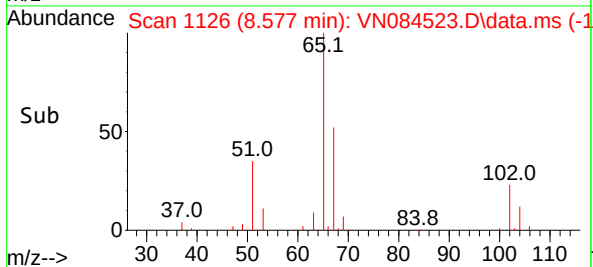
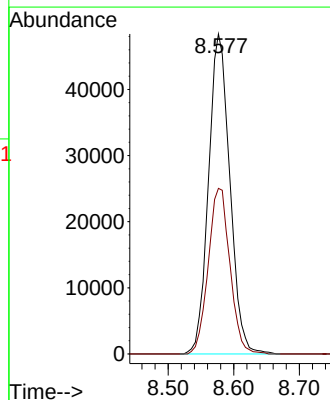
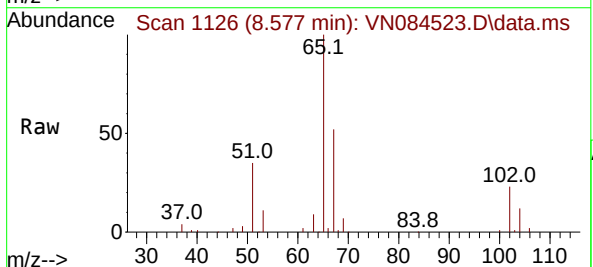
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241023

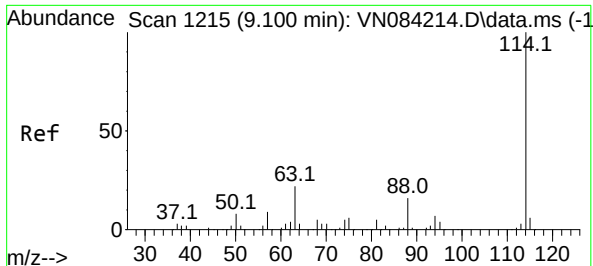
Tgt Ion:168 Resp: 130309
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 56.513 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion: 65 Resp: 109188
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084523.D

Acq: 25 Oct 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-EB-20241023

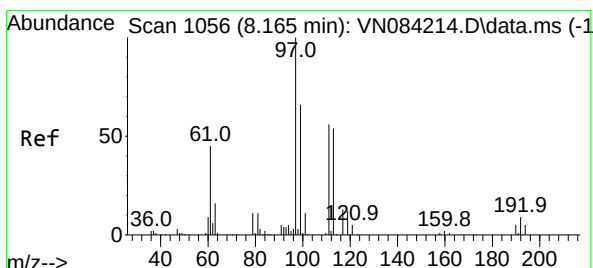
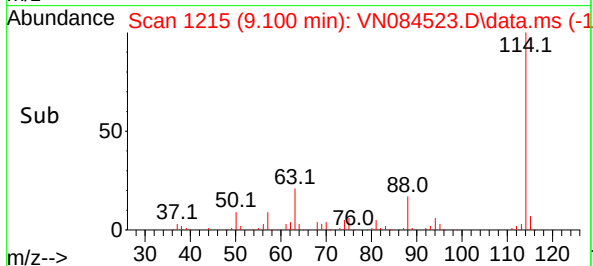
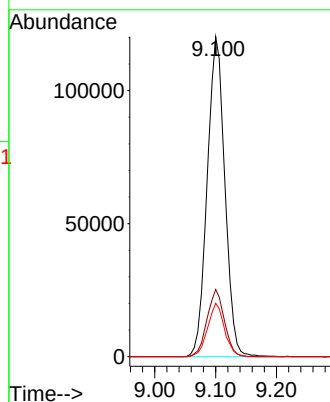
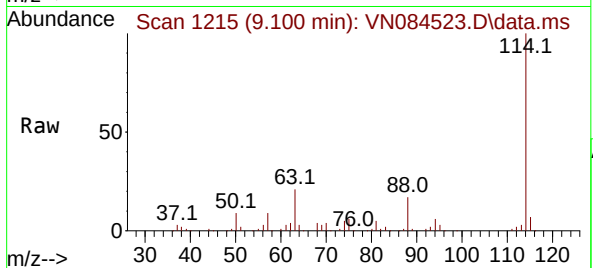
Tgt Ion:114 Resp: 242378

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 16.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 55.131 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084523.D

Acq: 25 Oct 2024 18:02

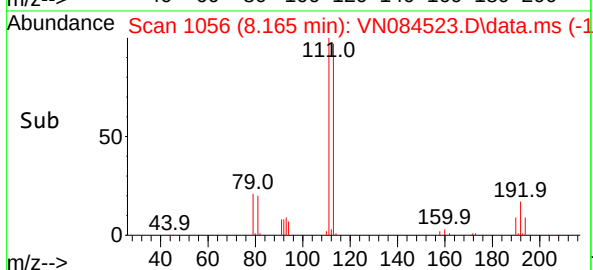
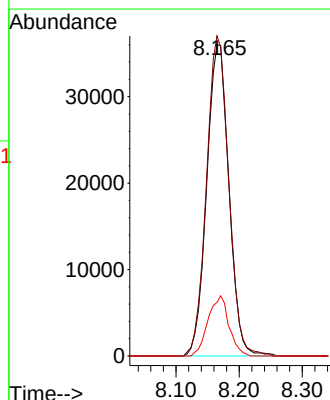
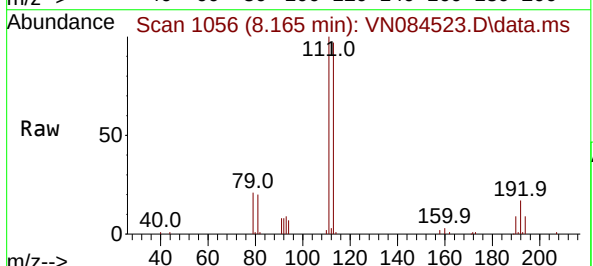
Tgt Ion:113 Resp: 88095

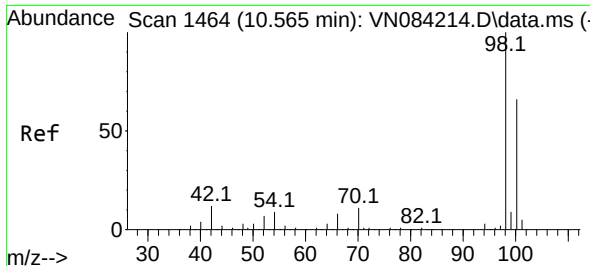
Ion Ratio Lower Upper

113 100

111 102.7 83.3 124.9

192 18.1 13.5 20.3

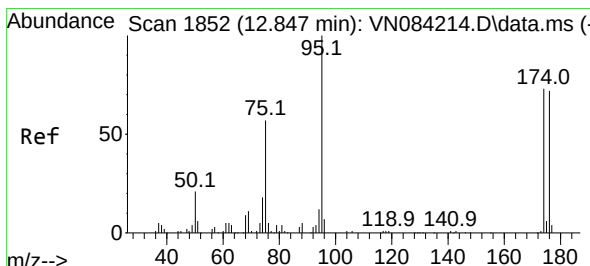
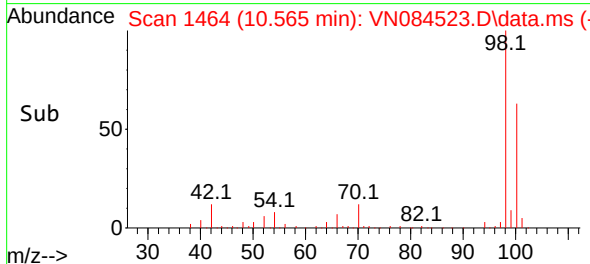
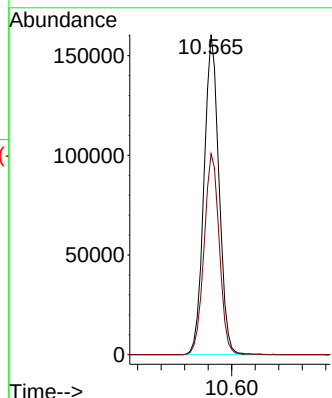
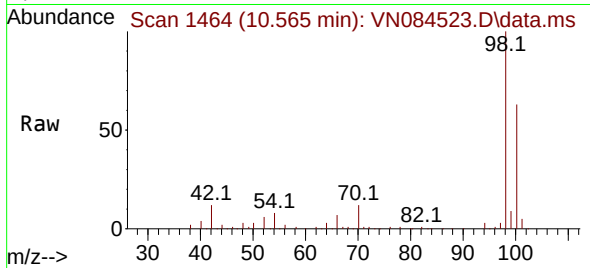




#50
Toluene-d8
Concen: 48.148 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

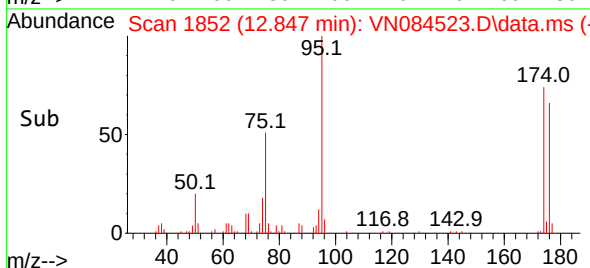
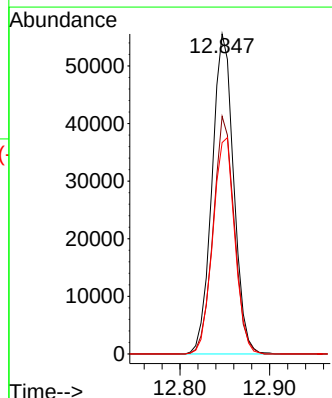
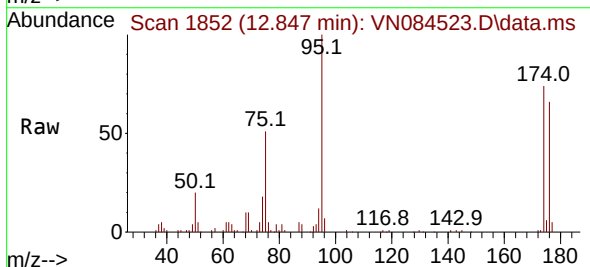
Instrument :
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BP-VPB-190-EB-20241023

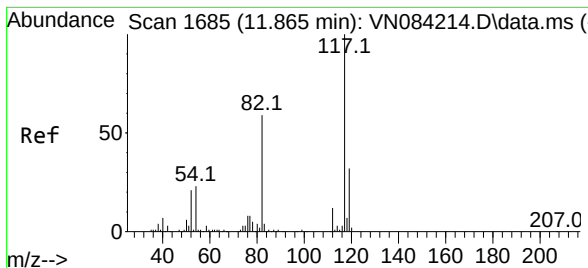
Tgt Ion: 98 Resp: 283059
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.454 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion: 95 Resp: 93067
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.2
176 68.6 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: VN084523.D

Acq: 25 Oct 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-EB-20241023

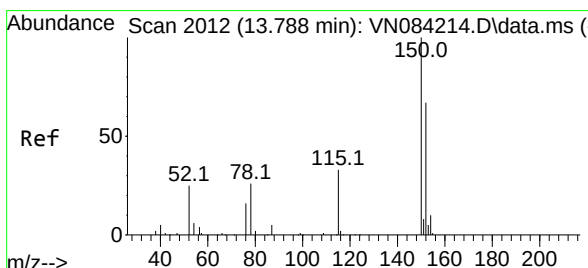
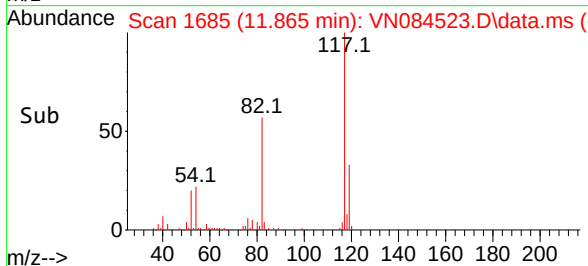
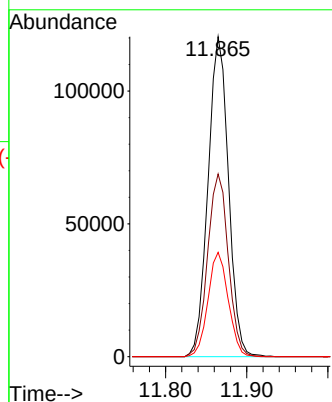
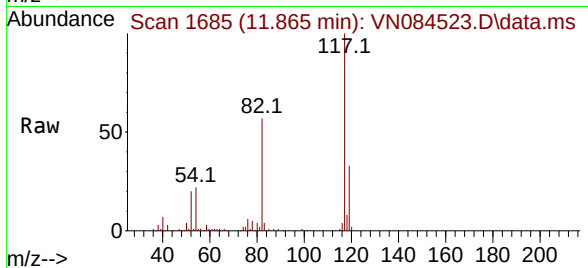
Tgt Ion:117 Resp: 210611

Ion Ratio Lower Upper

117 100

82 57.1 47.2 70.8

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084523.D

Acq: 25 Oct 2024 18:02

Tgt Ion:152 Resp: 83821

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.9

150 158.9 0.0 349.8

