

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084543.D
 Acq On : 28 Oct 2024 16:41
 Operator : JC\MD
 Sample : P4550-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-TB-20241022

Quant Time: Oct 28 18:35:38 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	160667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116169	48.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.540%
35) Dibromofluoromethane	8.165	113	96449	52.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	10.565	98	336854	49.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.847	95	112885	45.951	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.900%

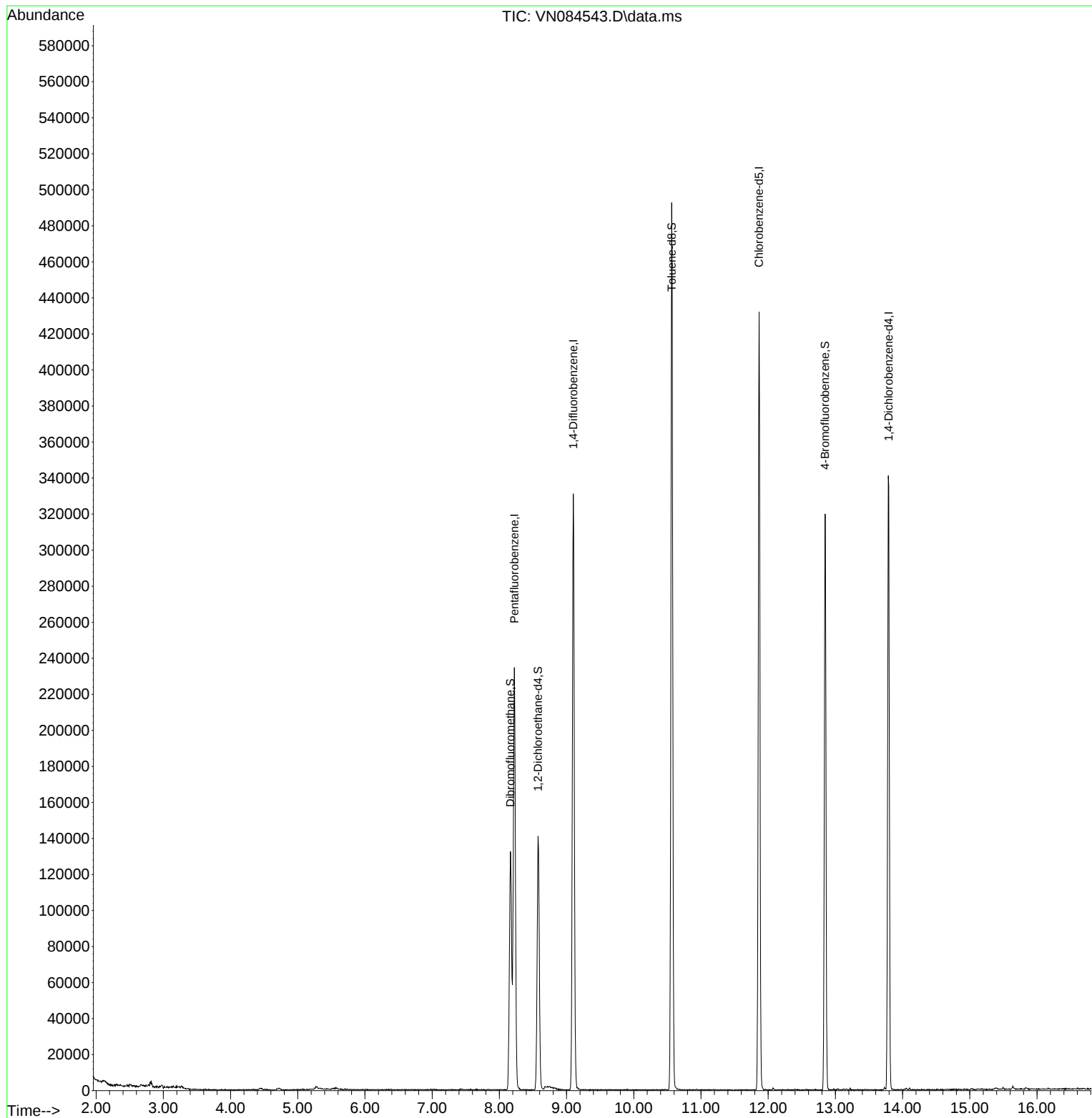
Target Compounds	Qvalue

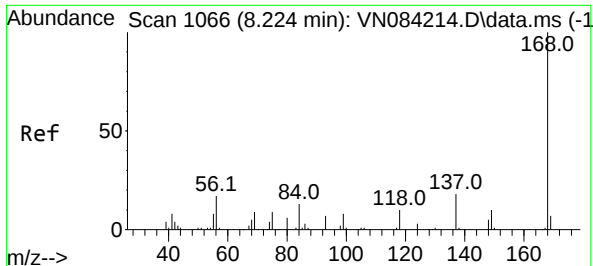
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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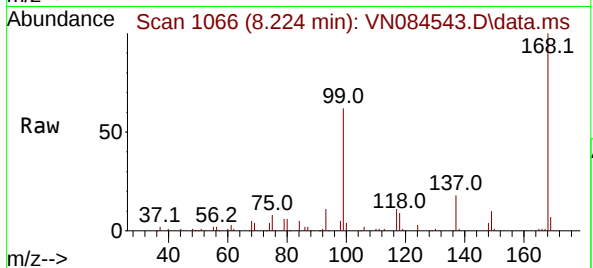
Quant Time: Oct 28 18:35:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
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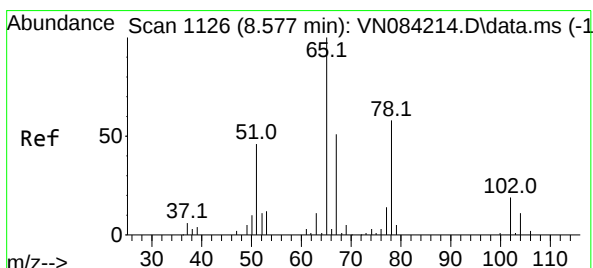
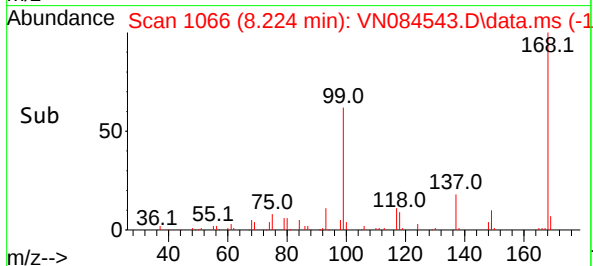
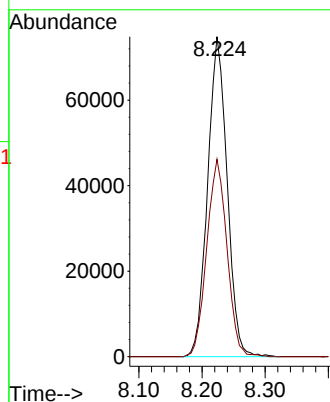


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241022

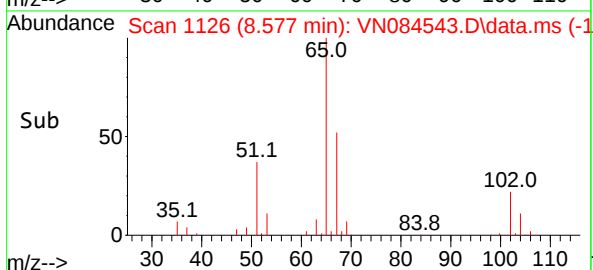
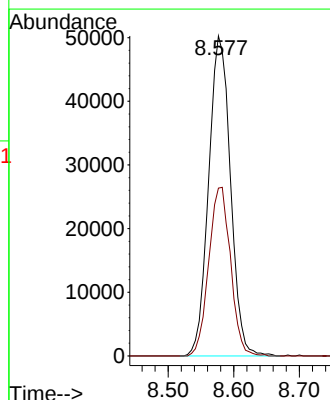
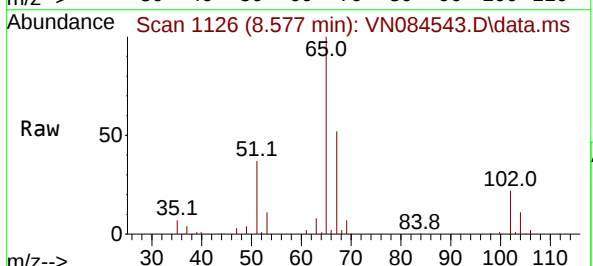


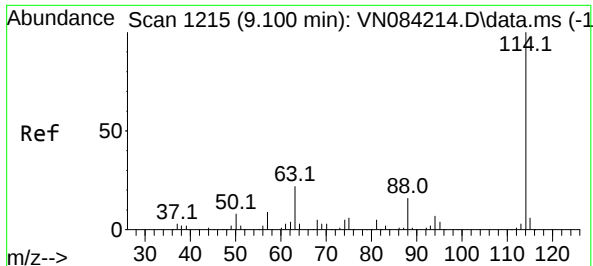
Tgt Ion:168 Resp: 160667
Ion Ratio Lower Upper
168 100
99 61.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.766 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Tgt Ion: 65 Resp: 116169
Ion Ratio Lower Upper
65 100
67 52.7 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: VN084543.D

Acq: 28 Oct 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241022

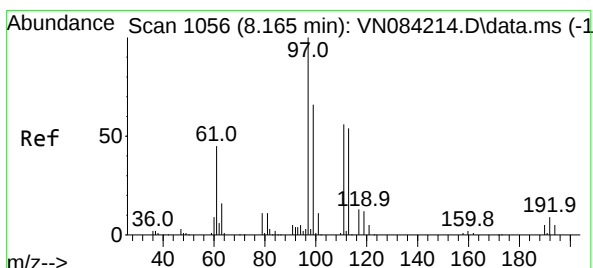
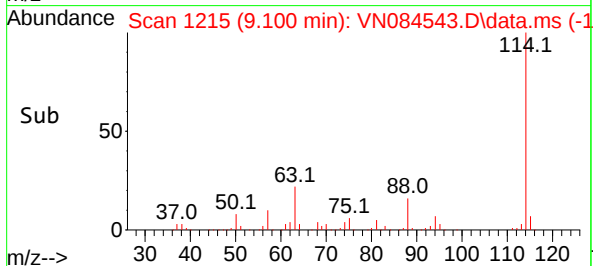
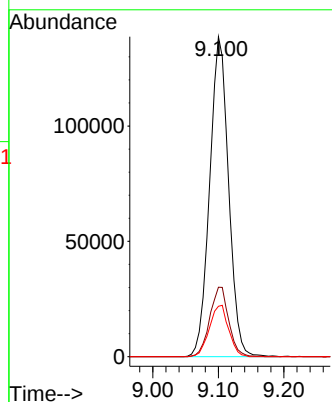
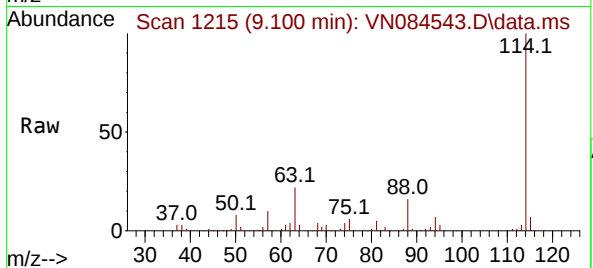
Tgt Ion:114 Resp: 278018

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.622 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084543.D

Acq: 28 Oct 2024 16:41

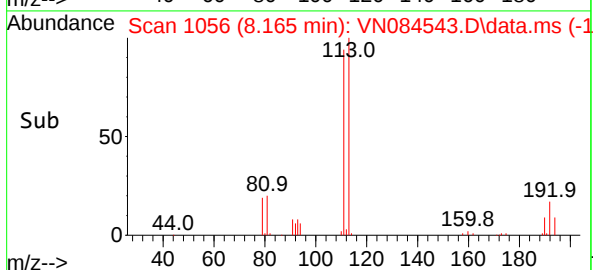
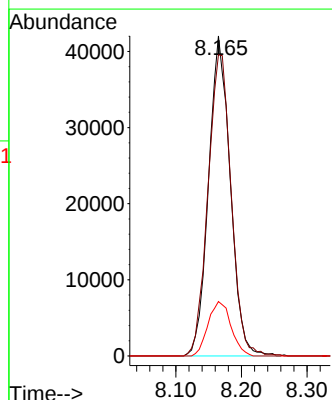
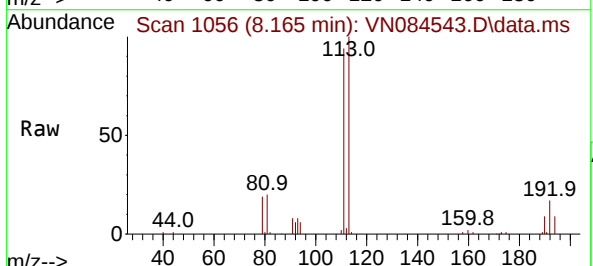
Tgt Ion:113 Resp: 96449

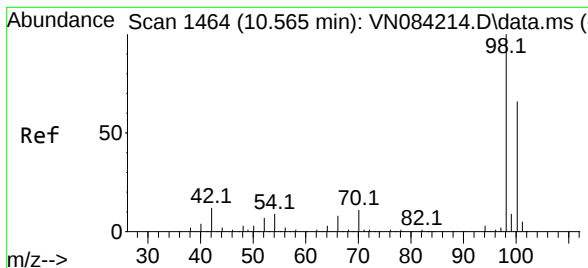
Ion Ratio Lower Upper

113 100

111 100.8 83.3 124.9

192 18.0 13.5 20.3

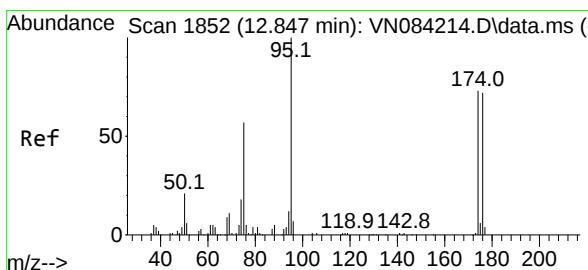
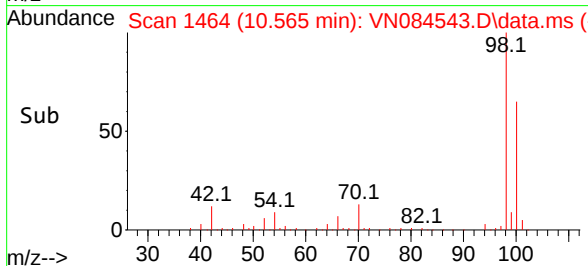
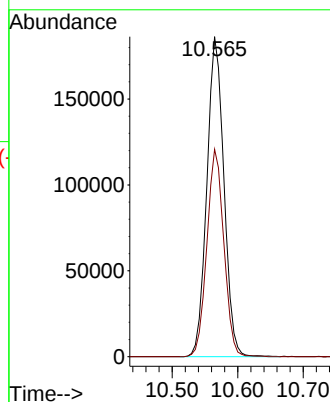
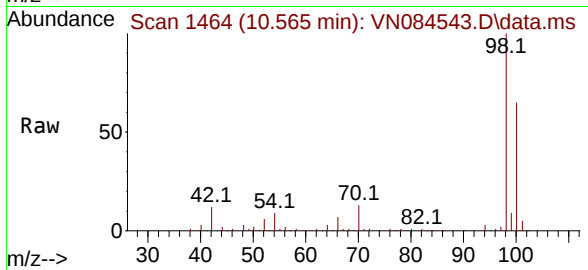




#50
Toluene-d8
Concen: 49.954 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

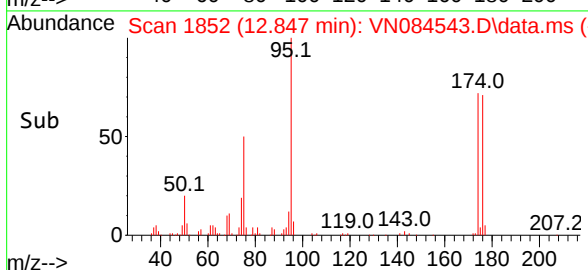
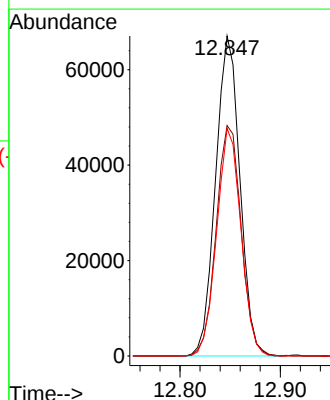
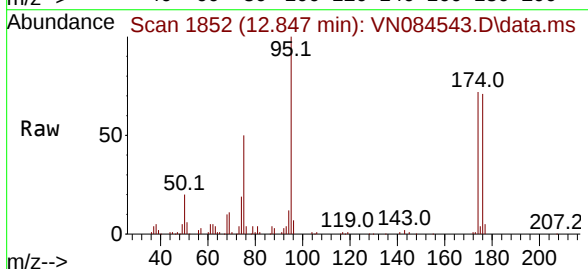
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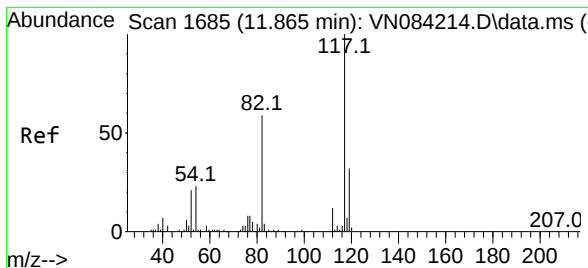
Tgt Ion: 98 Resp: 336854
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Tgt Ion: 95 Resp: 112885
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 71.0 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: VN084543.D

Acq: 28 Oct 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241022

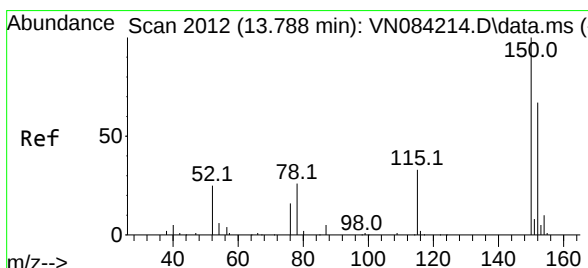
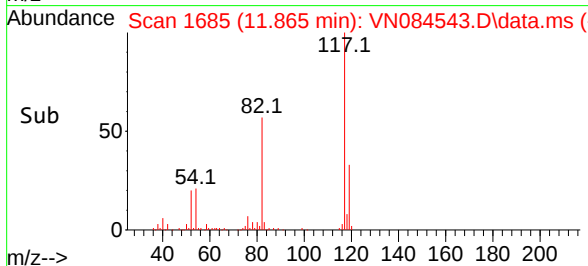
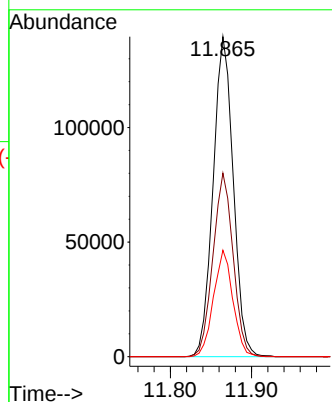
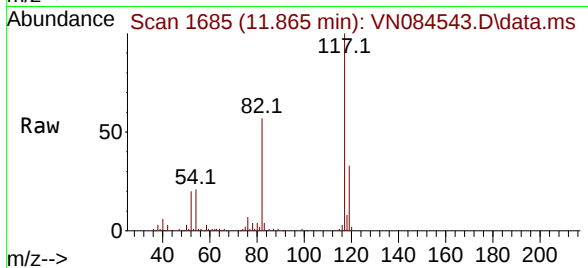
Tgt Ion:117 Resp: 241263

Ion Ratio Lower Upper

117 100

82 57.4 47.2 70.8

119 33.2 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: VN084543.D

Acq: 28 Oct 2024 16:41

Tgt Ion:152 Resp: 93439

Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.9

150 161.3 0.0 349.8

