

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084519.D
 Acq On : 25 Oct 2024 16:27
 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 25 23:36:05 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	113520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	211141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	72027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	93911	55.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.580%
35) Dibromofluoromethane	8.165	113	76170	54.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.440%
50) Toluene-d8	10.565	98	235108	45.909	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.847	95	76767	41.146	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.300%

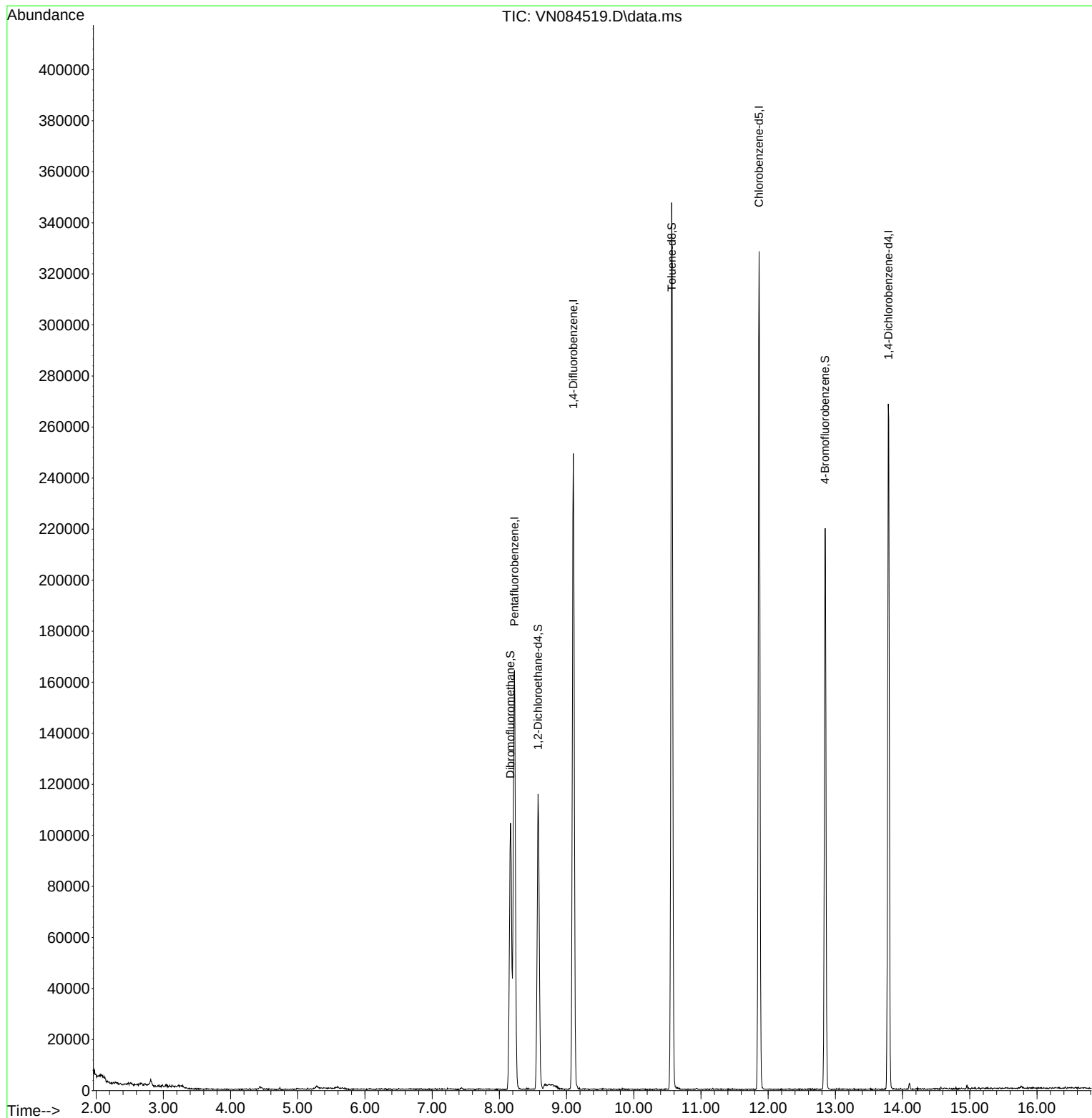
Target Compounds	Qvalue

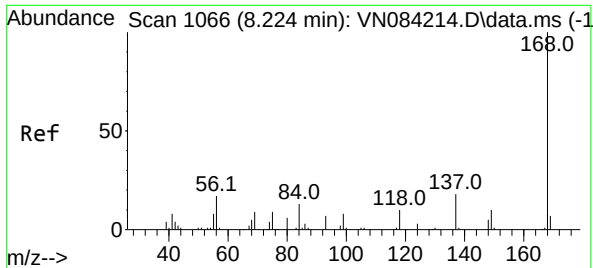
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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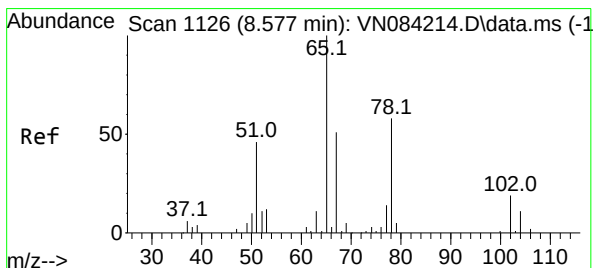
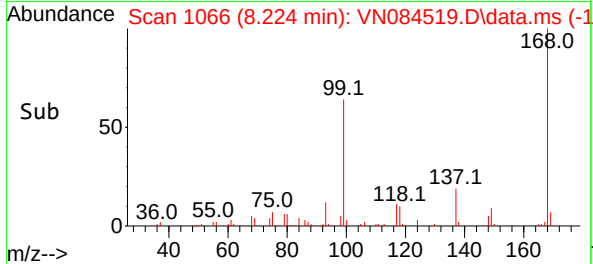
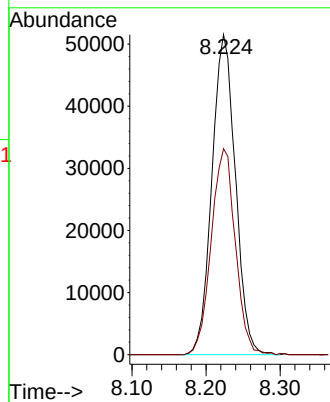
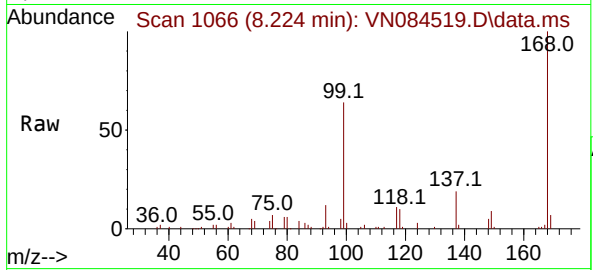




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

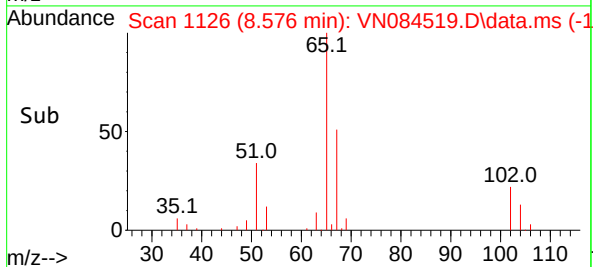
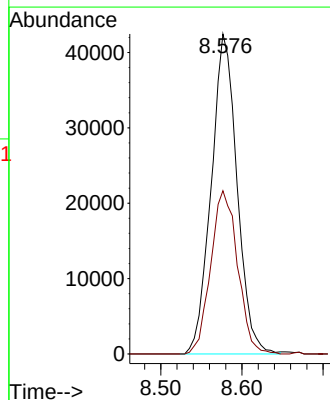
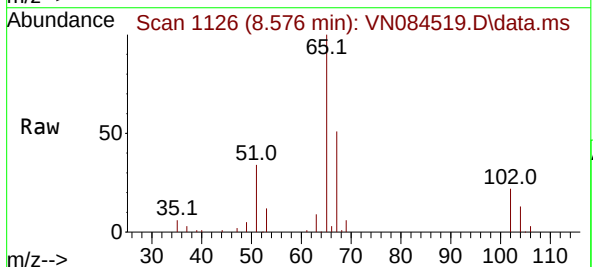
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241022

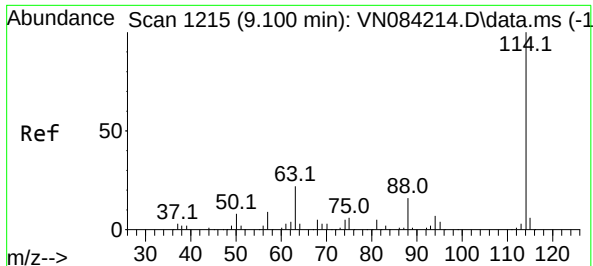
Tgt Ion:168 Resp: 113520
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 55.795 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion: 65 Resp: 93911
Ion Ratio Lower Upper
65 100
67 53.0 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: VN084519.D

Acq: 25 Oct 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241022

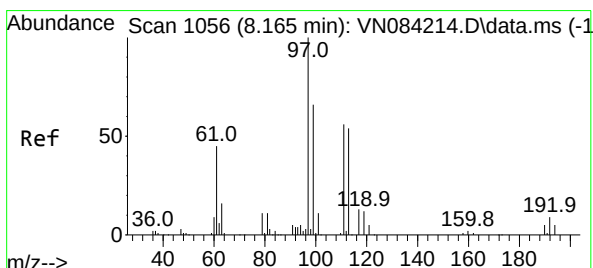
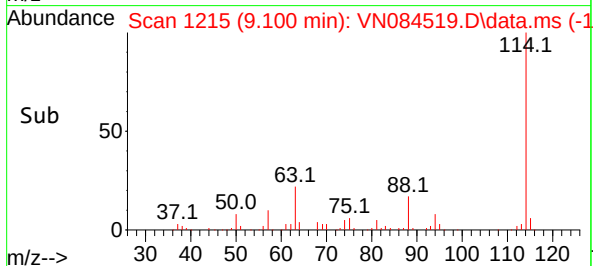
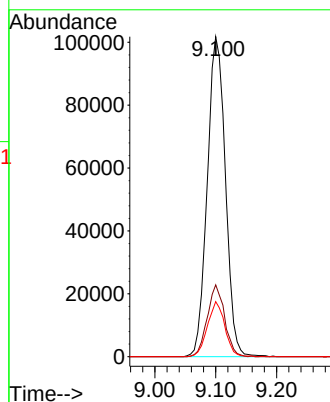
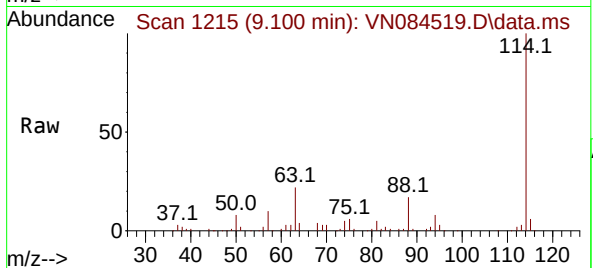
Tgt Ion:114 Resp: 211141

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 17.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.721 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084519.D

Acq: 25 Oct 2024 16:27

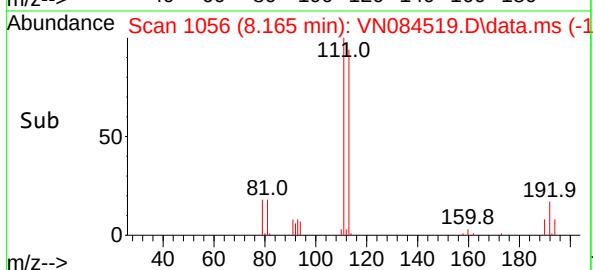
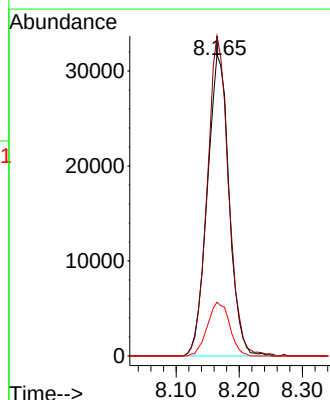
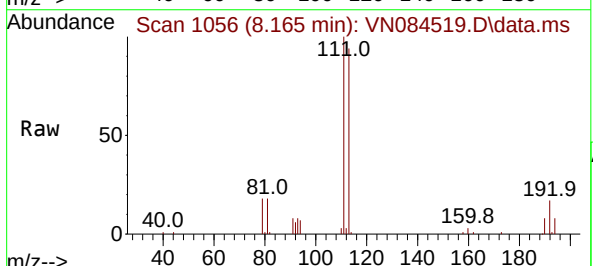
Tgt Ion:113 Resp: 76170

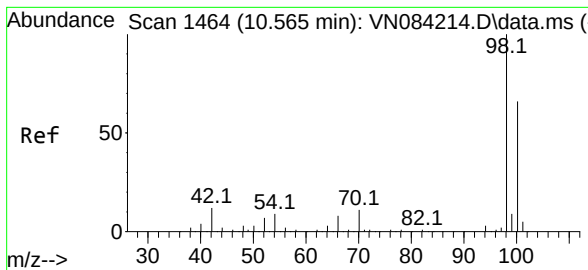
Ion Ratio Lower Upper

113 100

111 103.6 83.3 124.9

192 18.2 13.5 20.3

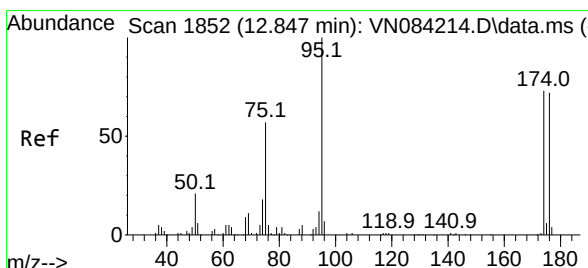
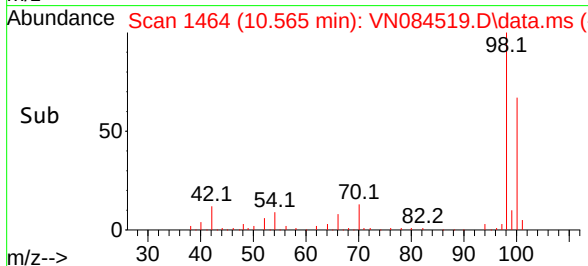
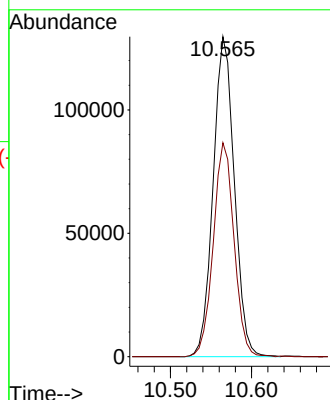
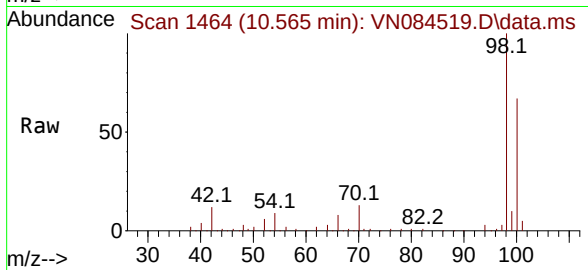




#50
Toluene-d8
Concen: 45.909 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

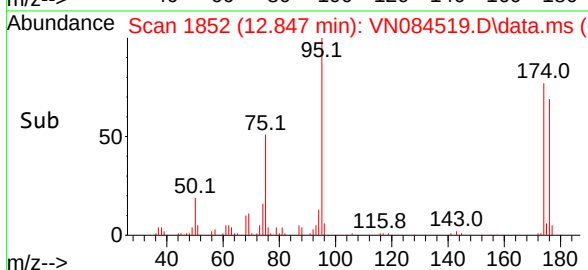
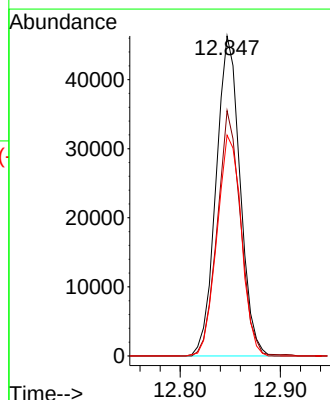
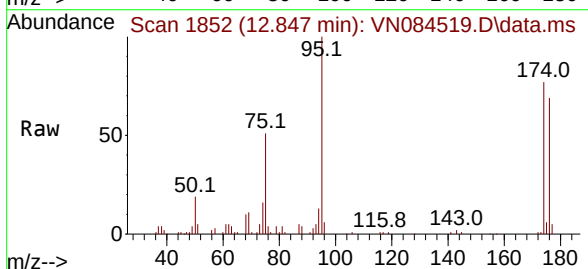
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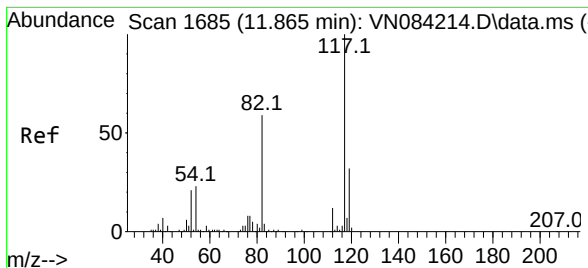
Tgt Ion: 98 Resp: 235108
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 41.146 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion: 95 Resp: 76767
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.2
176 70.3 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: VN084519.D

Acq: 25 Oct 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241022

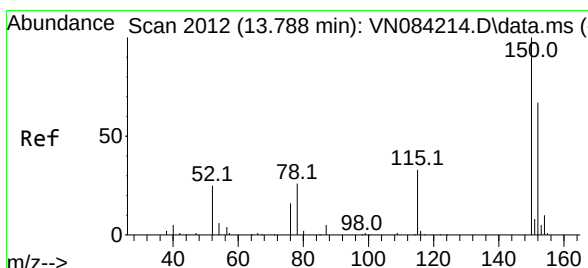
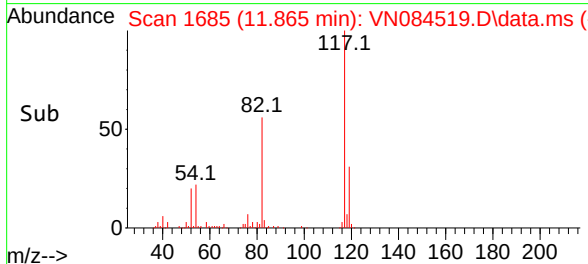
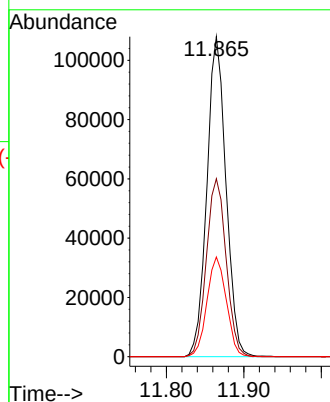
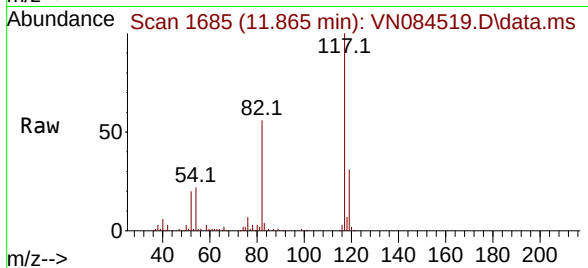
Tgt Ion:117 Resp: 184677

Ion Ratio Lower Upper

117 100

82 55.6 47.2 70.8

119 31.2 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: VN084519.D

Acq: 25 Oct 2024 16:27

Tgt Ion:152 Resp: 72027

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.9

150 160.3 0.0 349.8

