

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084557.D
 Acq On : 29 Oct 2024 12:29
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Oct 30 05:00:45 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	156349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113723	49.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	8.165	113	90892	51.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	10.565	98	311771	48.007	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.847	95	105889	44.756	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.520%

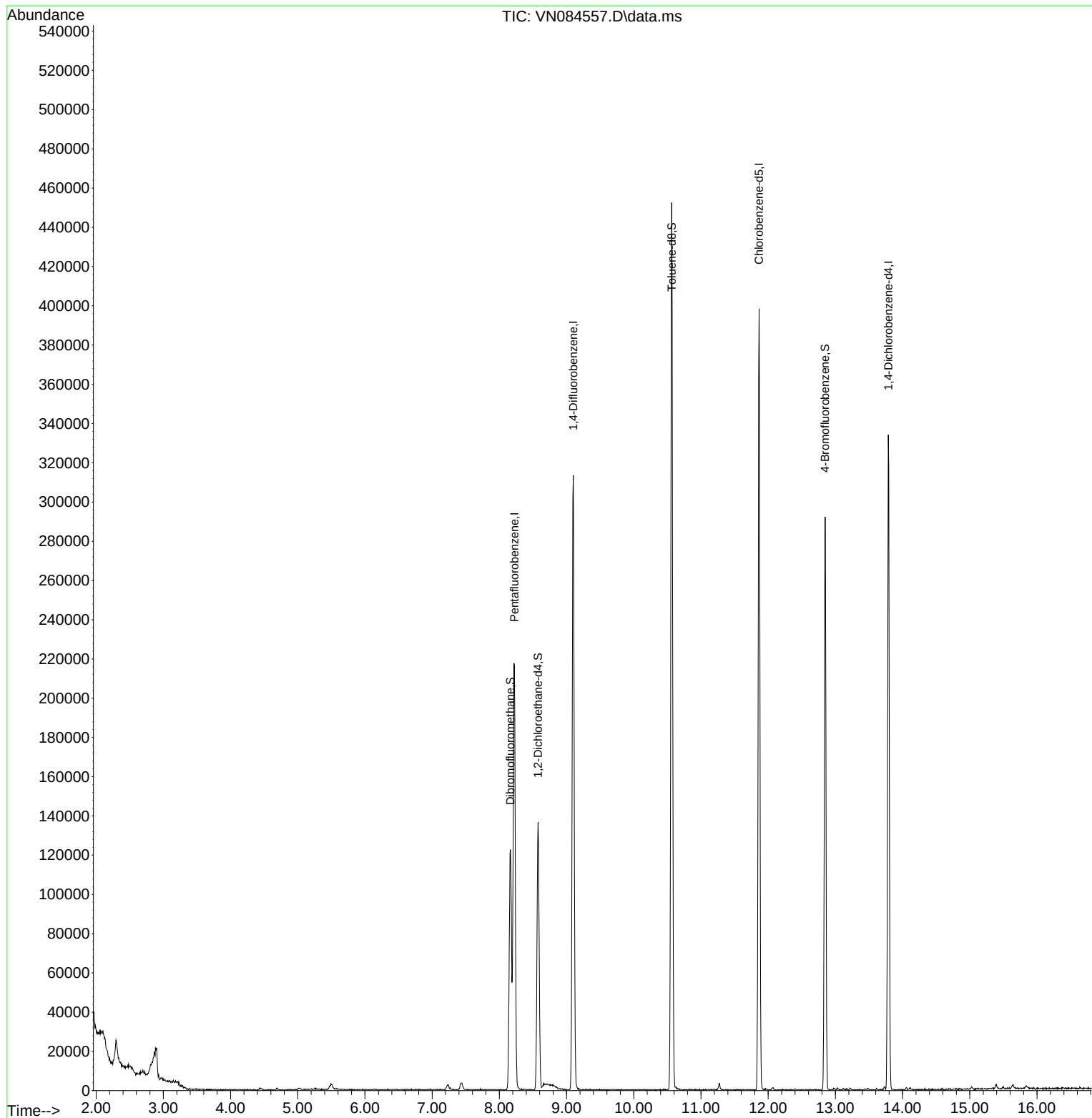
Target Compounds	Qvalue

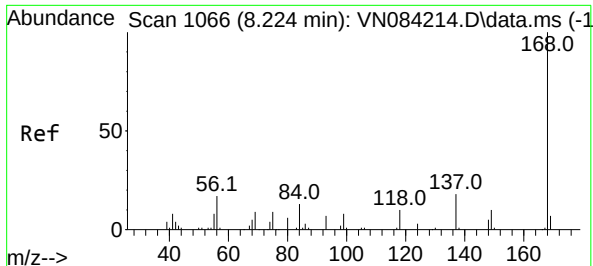
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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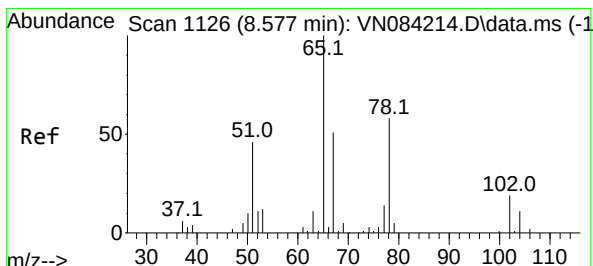
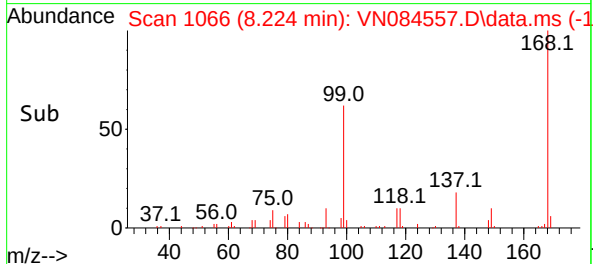
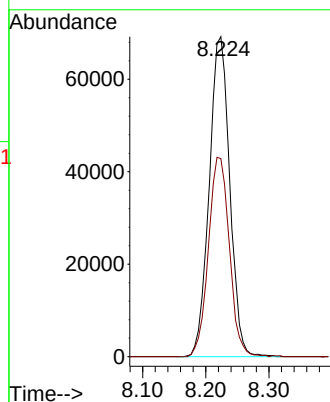
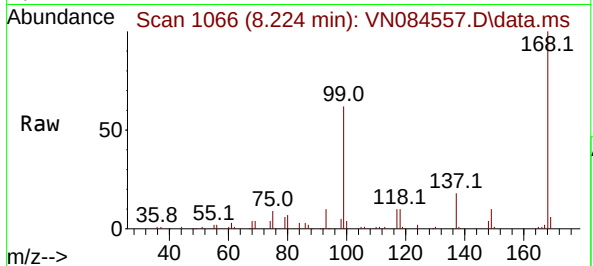




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

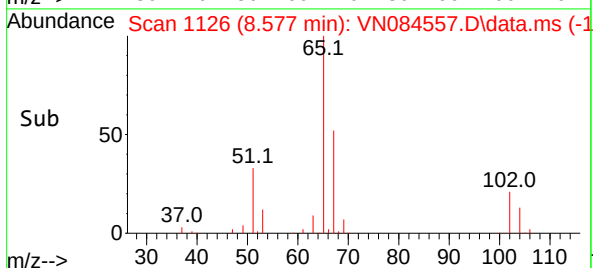
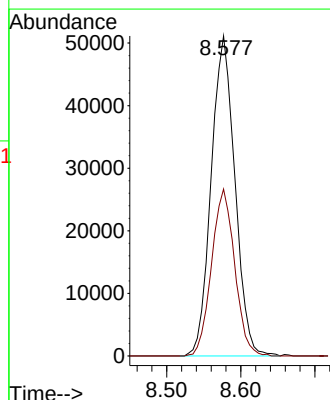
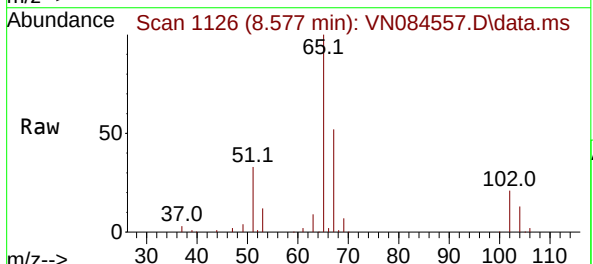
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

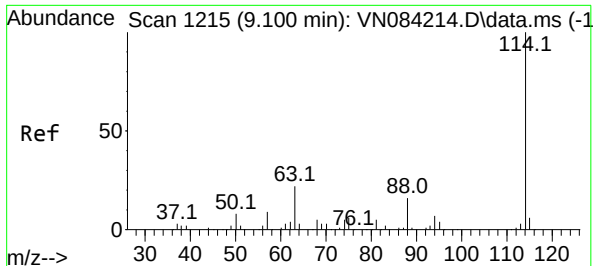
Tgt Ion:168 Resp: 156349
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.057 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion: 65 Resp: 113723
Ion Ratio Lower Upper
65 100
67 50.8 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: VN084557.D

Acq: 29 Oct 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

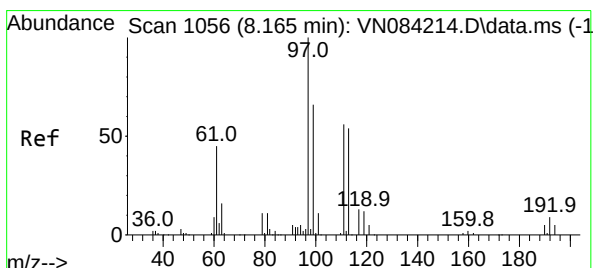
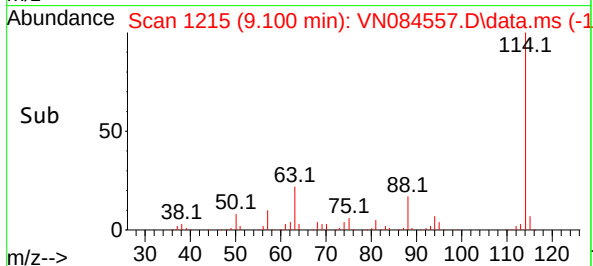
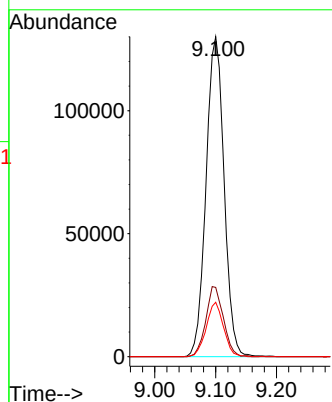
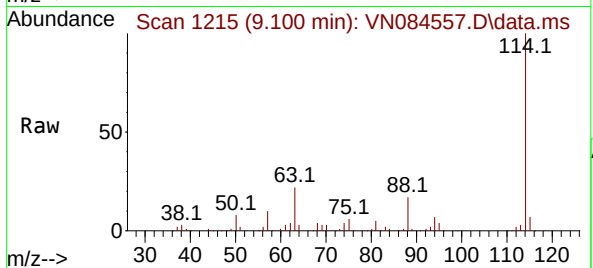
Tgt Ion:114 Resp: 267750

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 17.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.492 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084557.D

Acq: 29 Oct 2024 12:29

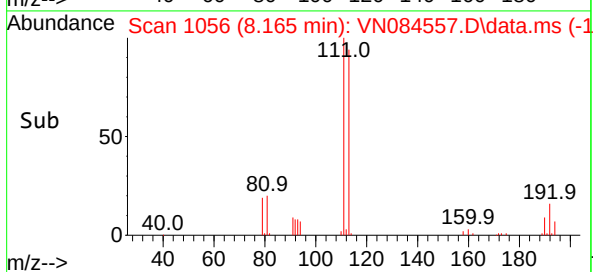
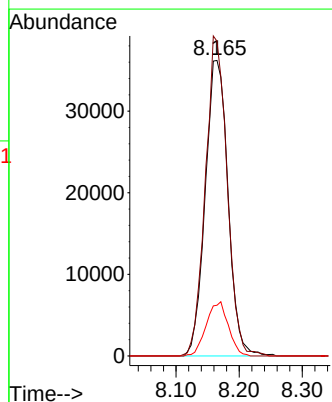
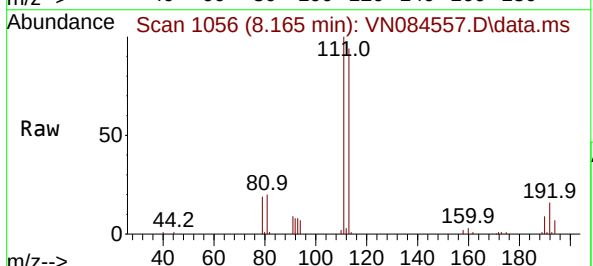
Tgt Ion:113 Resp: 90892

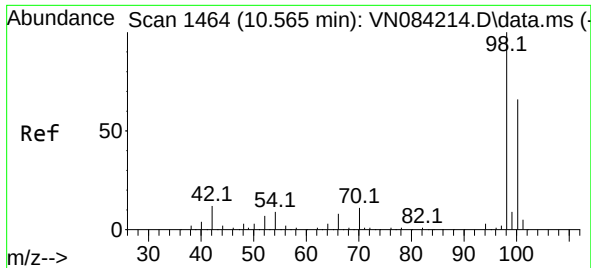
Ion Ratio Lower Upper

113 100

111 103.2 83.3 124.9

192 17.8 13.5 20.3

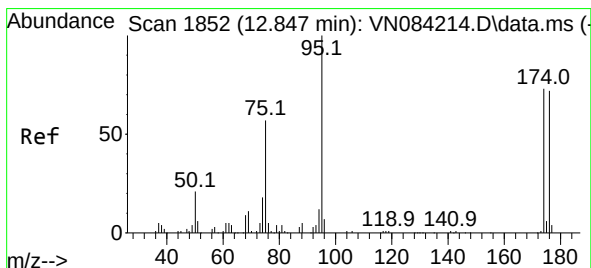
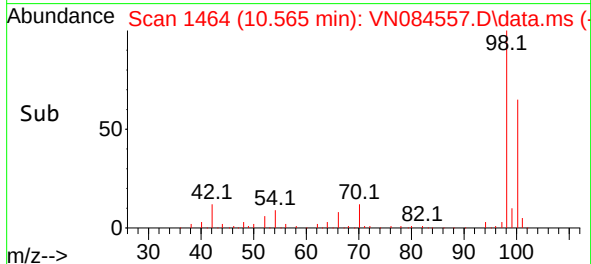
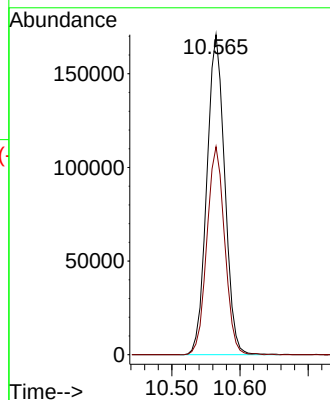
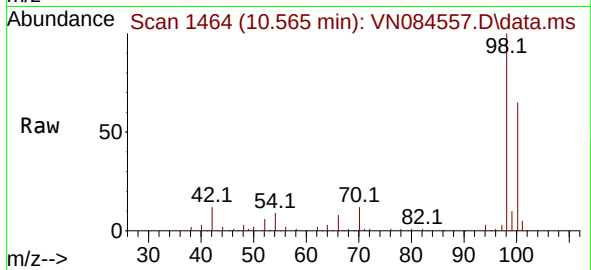




#50
Toluene-d8
Concen: 48.007 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

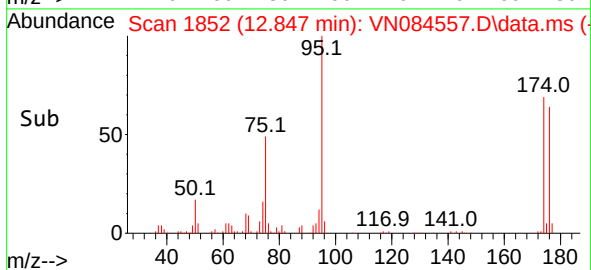
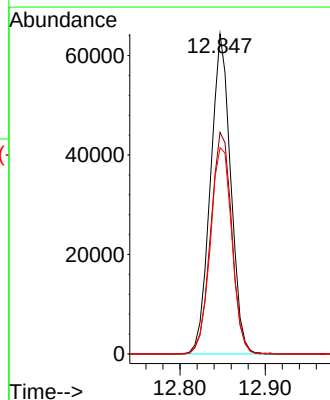
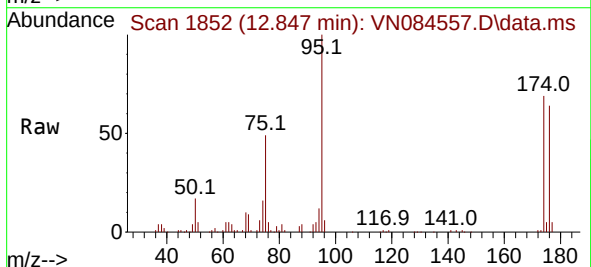
Instrument :
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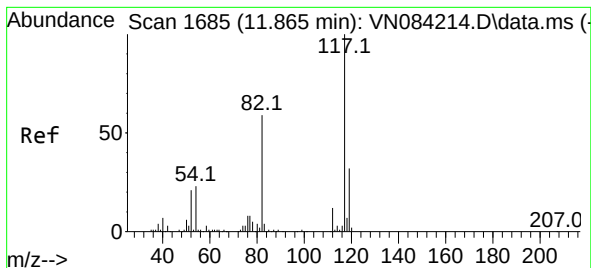
Tgt Ion: 98 Resp: 311771
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion: 95 Resp: 105889
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.2
176 68.7 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: VN084557.D

Acq: 29 Oct 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

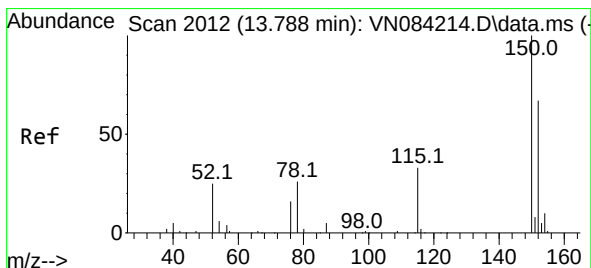
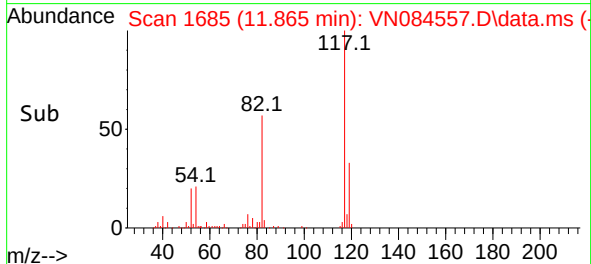
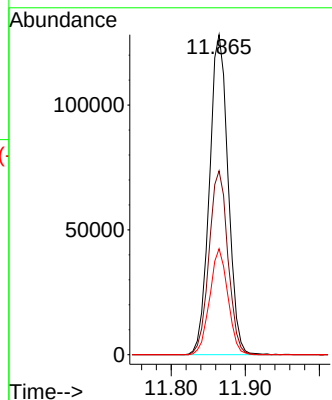
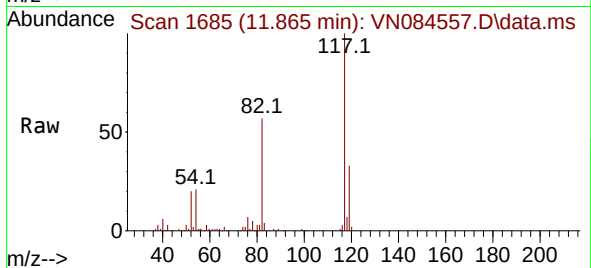
Tgt Ion:117 Resp: 224224

Ion Ratio Lower Upper

117 100

82 57.5 47.2 70.8

119 33.1 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: VN084557.D

Acq: 29 Oct 2024 12:29

Tgt Ion:152 Resp: 89284

Ion Ratio Lower Upper

152 100

115 65.0 31.3 93.9

150 159.4 0.0 349.8

