

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081748.D
 Acq On : 16 Apr 2024 10:41
 Operator : JC\MD
 Sample : VN0416WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBL01

Quant Time: Apr 17 03:20:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	262002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	456255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	415108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	181797	49.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.620%
35) Dibromofluoromethane	8.165	113	149217	49.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	10.571	98	552856	49.810	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.853	95	188797	49.776	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.560%

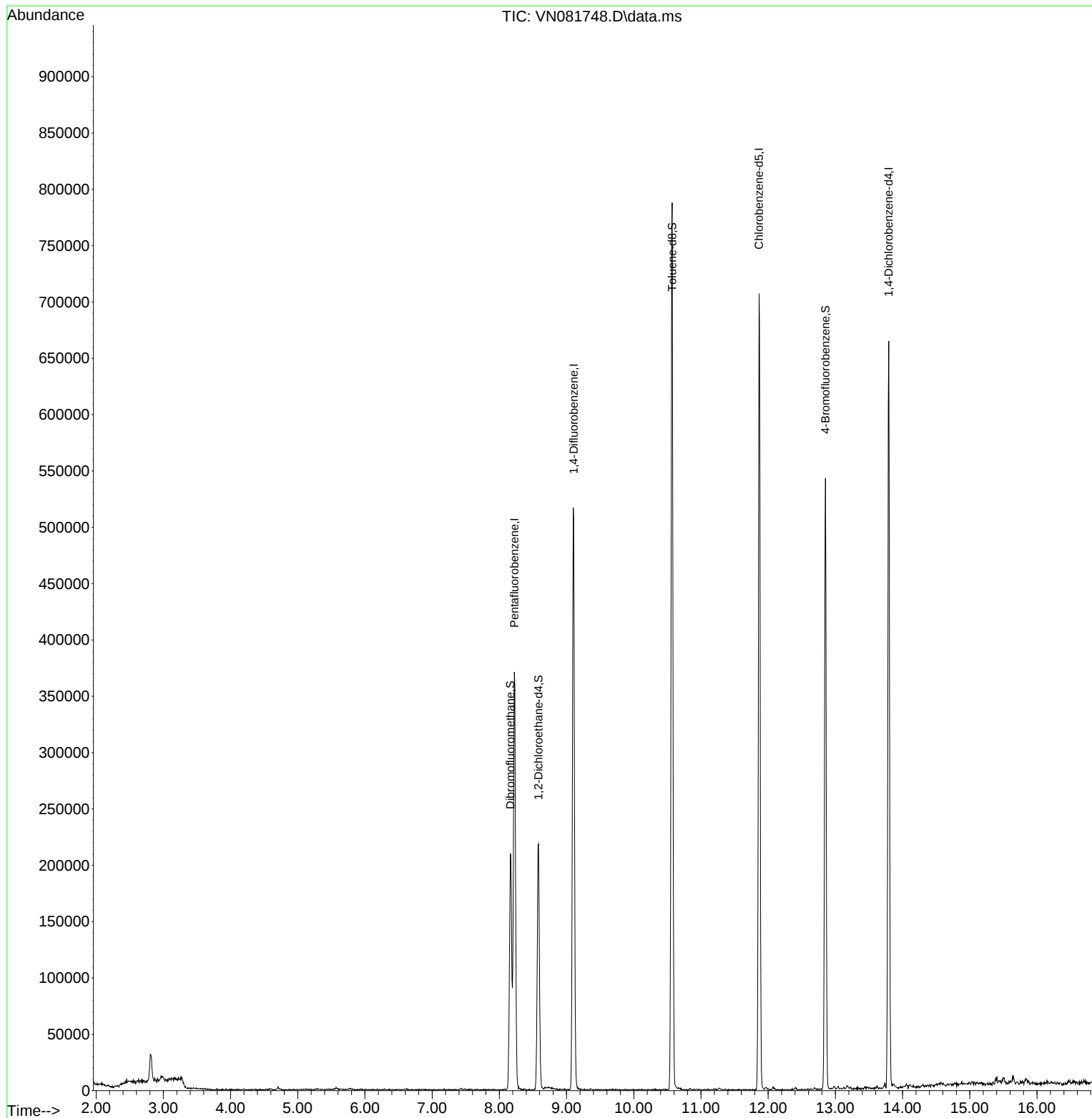
Target Compounds	Qvalue

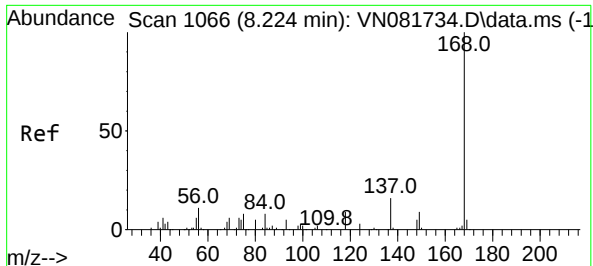
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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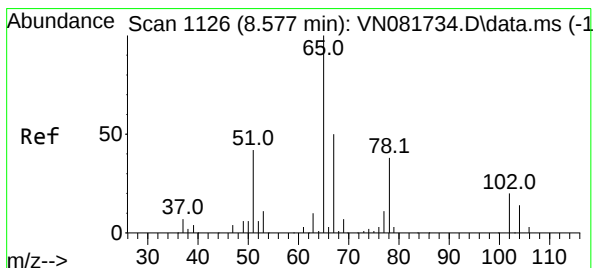
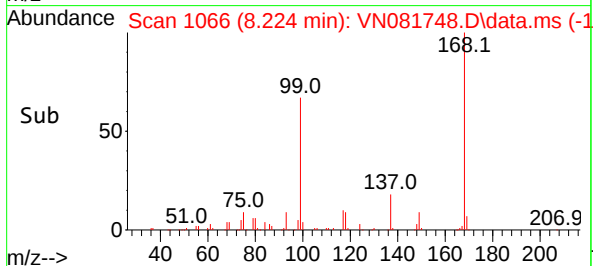
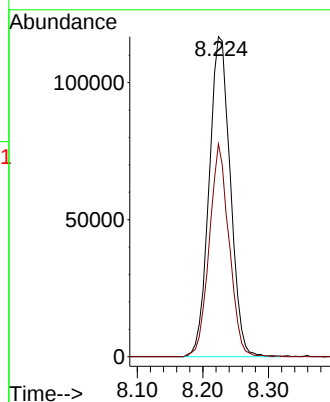
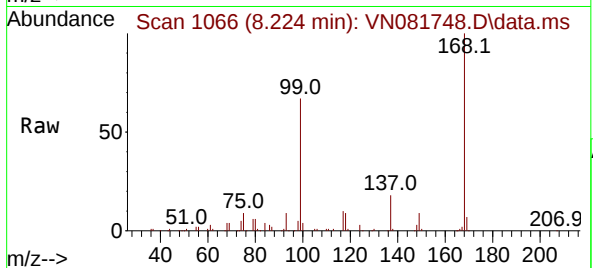




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081748.D
Acq: 16 Apr 2024 10:41

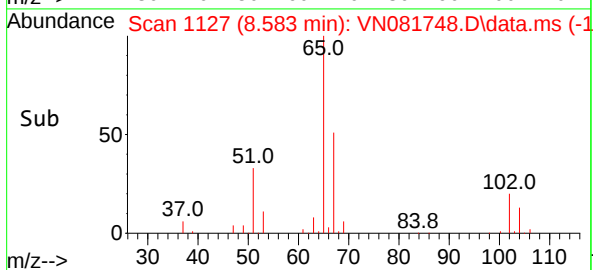
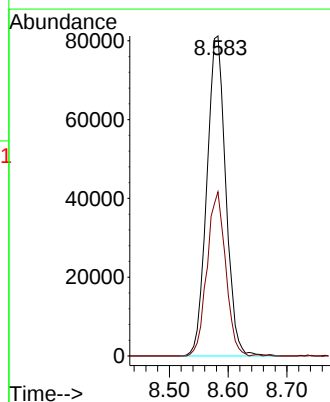
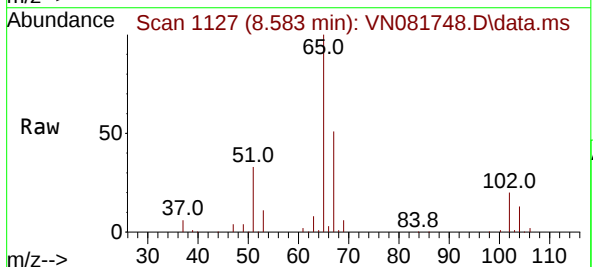
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

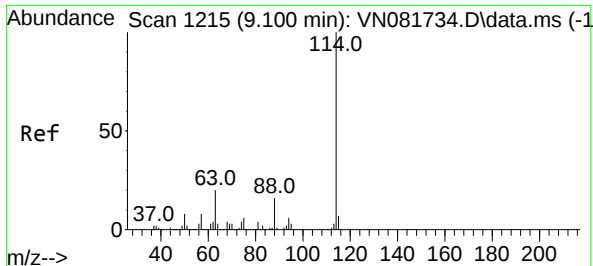
Tgt Ion:168 Resp: 262002
Ion Ratio Lower Upper
168 100
99 66.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.310 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081748.D
Acq: 16 Apr 2024 10:41

Tgt Ion: 65 Resp: 181797
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081748.D

Acq: 16 Apr 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBL01

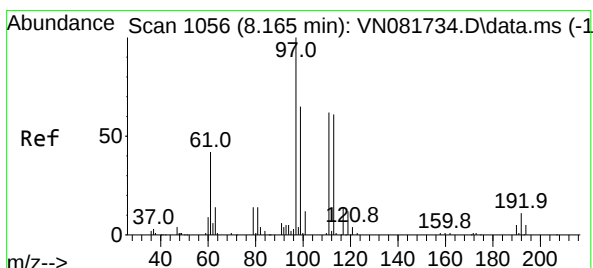
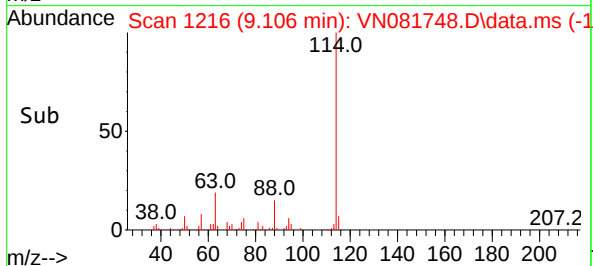
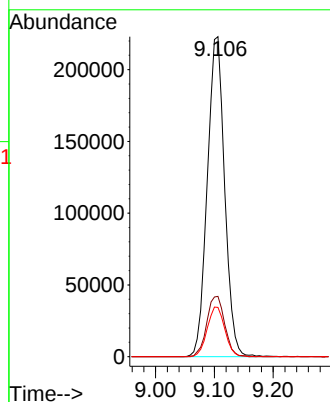
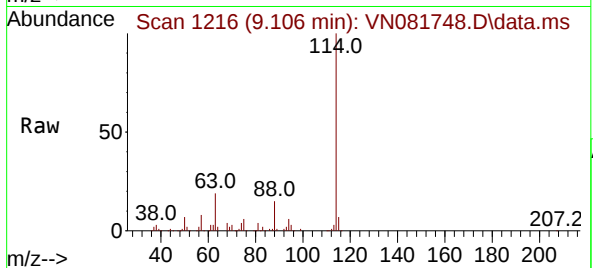
Tgt Ion:114 Resp: 456255

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.527 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081748.D

Acq: 16 Apr 2024 10:41

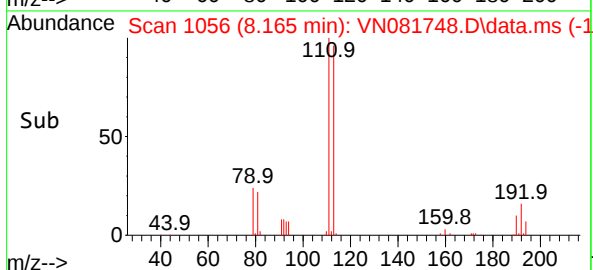
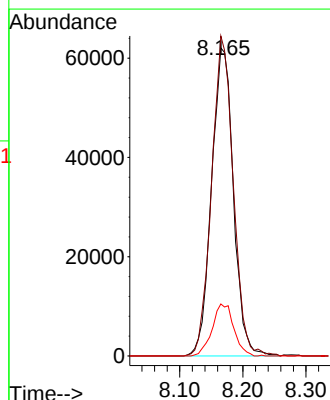
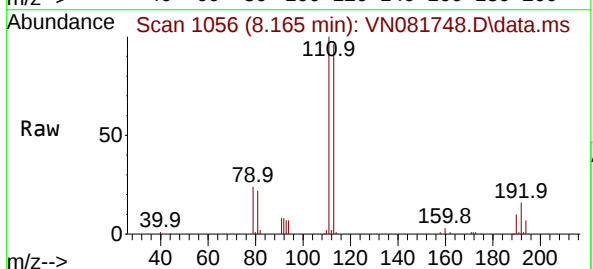
Tgt Ion:113 Resp: 149217

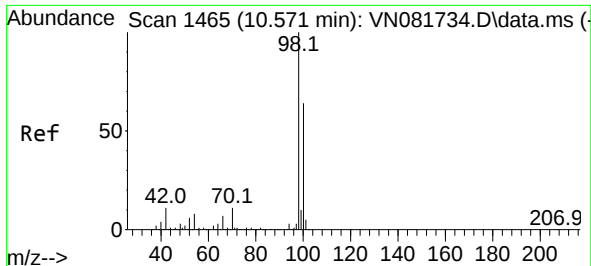
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 16.7 14.0 21.0

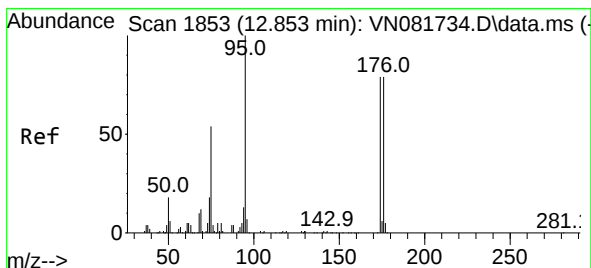
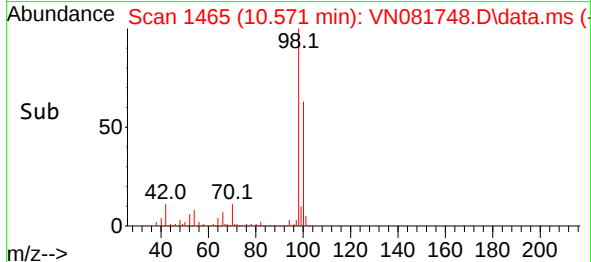
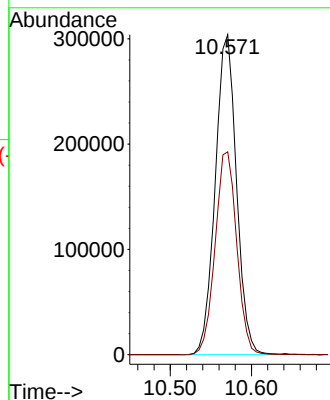
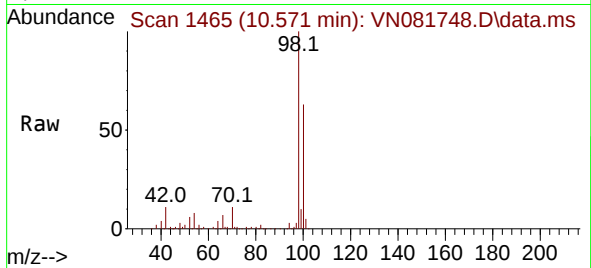




#50
Toluene-d8
Concen: 49.810 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081748.D
Acq: 16 Apr 2024 10:41

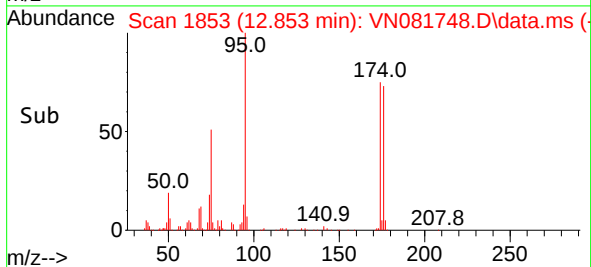
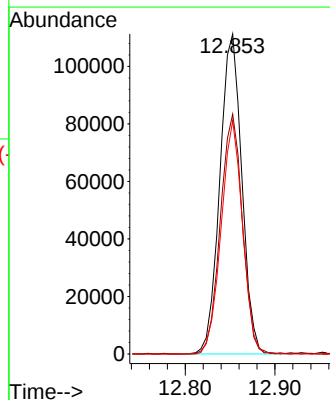
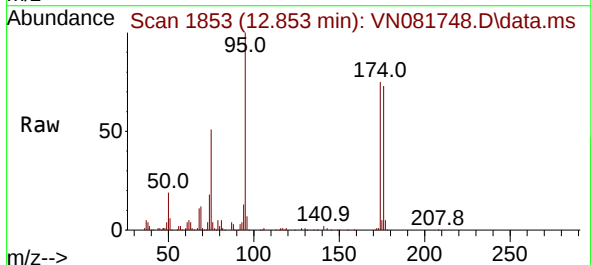
Instrument :
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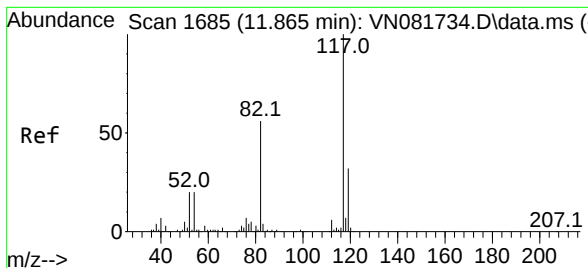
Tgt Ion: 98 Resp: 552856
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.776 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081748.D
Acq: 16 Apr 2024 10:41

Tgt Ion: 95 Resp: 188797
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 70.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081748.D

Acq: 16 Apr 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBL01

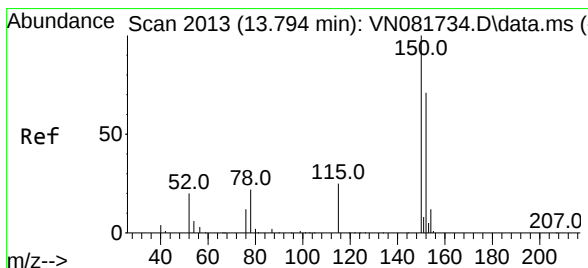
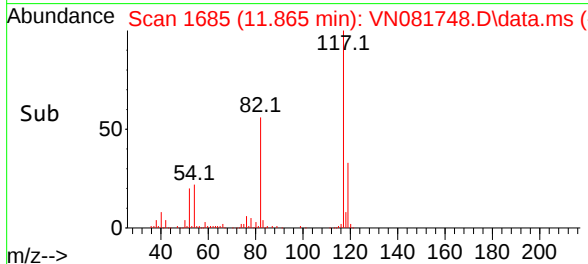
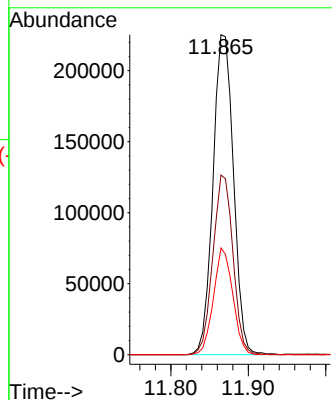
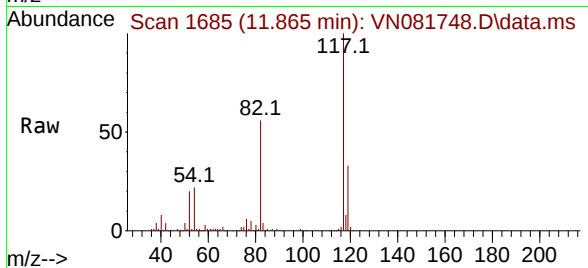
Tgt Ion:117 Resp: 415108

Ion Ratio Lower Upper

117 100

82 56.2 44.6 66.8

119 33.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081748.D

Acq: 16 Apr 2024 10:41

Tgt Ion:152 Resp: 177504

Ion Ratio Lower Upper

152 100

115 61.1 30.4 91.3

150 154.9 0.0 353.2

