

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080198.D
 Acq On : 20 Nov 2023 11:14
 Operator : JC\MD
 Sample : VN1120WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBL01

Quant Time: Nov 21 01:00:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	132456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121084	55.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.720%	
35) Dibromofluoromethane	8.165	113	93455	53.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.760%	
50) Toluene-d8	10.571	98	314805	49.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.853	95	119796	50.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.520%	

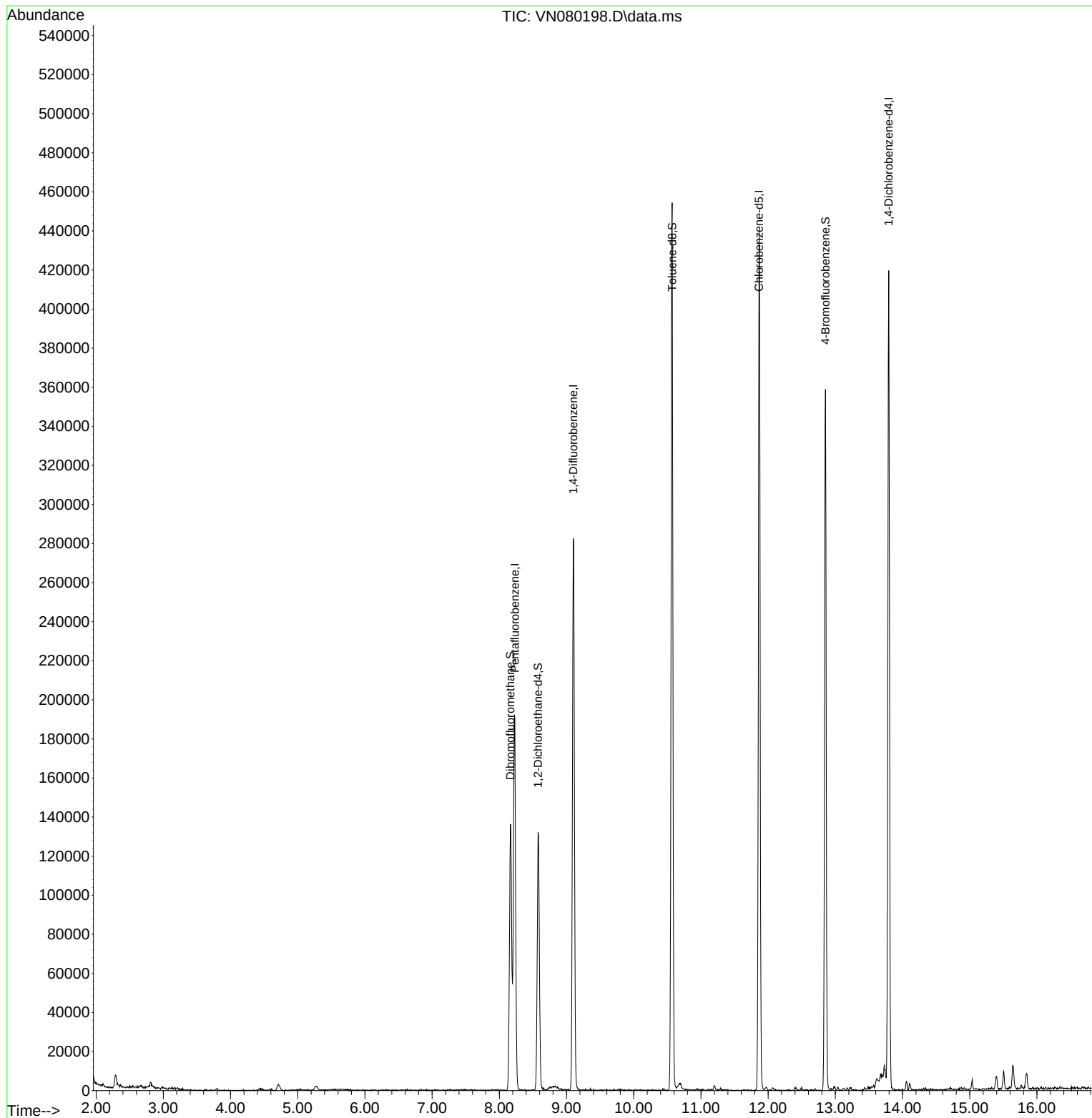
Target Compounds	Qvalue

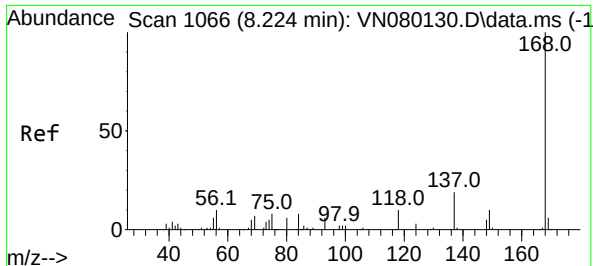
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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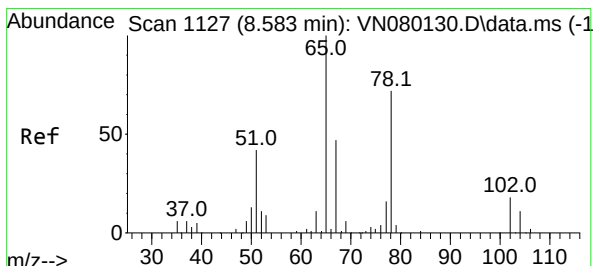
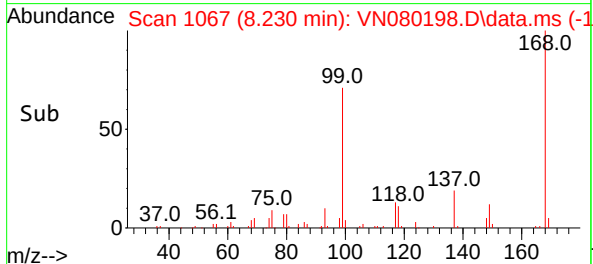
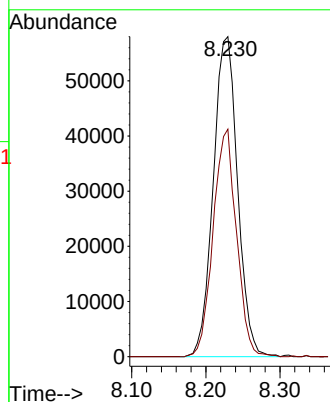
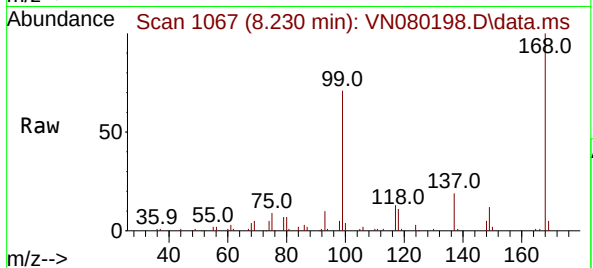




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080198.D
Acq: 20 Nov 2023 11:14

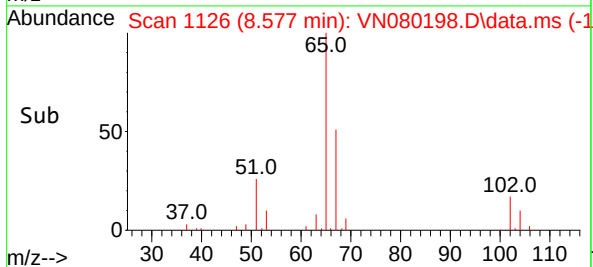
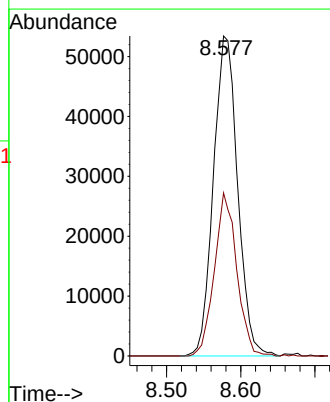
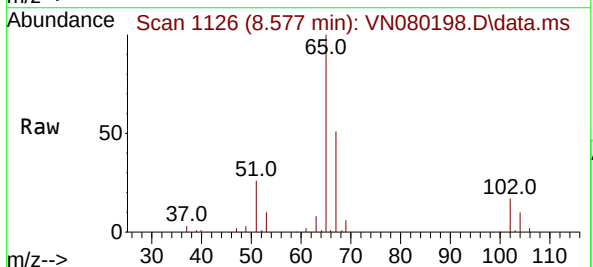
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBL01

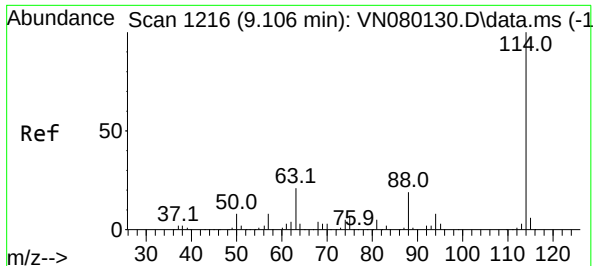
Tgt Ion:168 Resp: 132456
Ion Ratio Lower Upper
168 100
99 71.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.364 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080198.D
Acq: 20 Nov 2023 11:14

Tgt Ion: 65 Resp: 121084
Ion Ratio Lower Upper
65 100
67 47.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080198.D

Acq: 20 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBL01

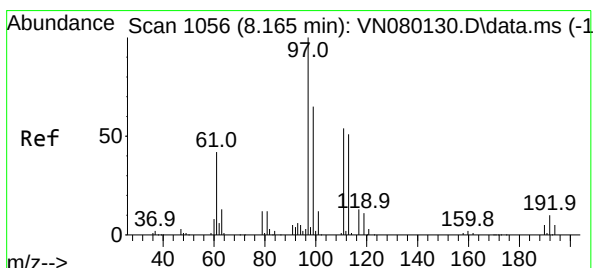
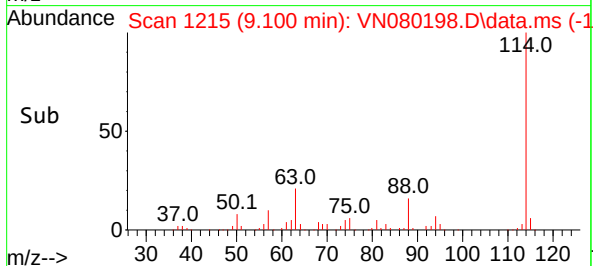
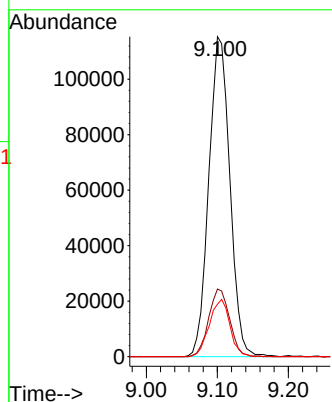
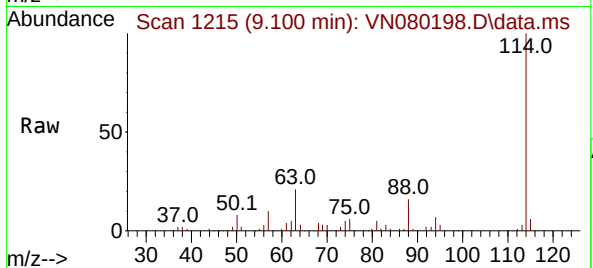
Tgt Ion:114 Resp: 237262

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.382 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080198.D

Acq: 20 Nov 2023 11:14

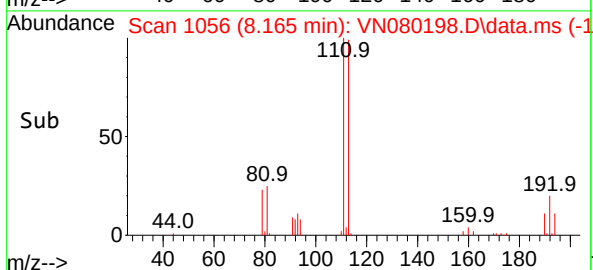
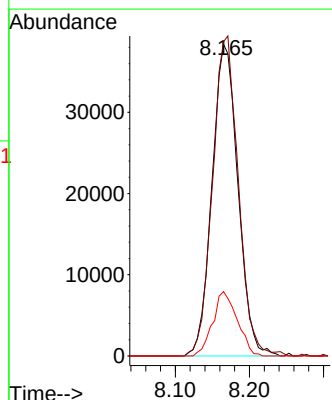
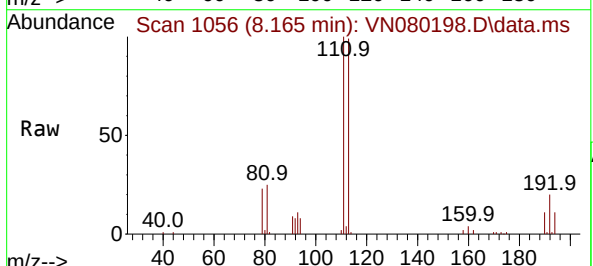
Tgt Ion:113 Resp: 93455

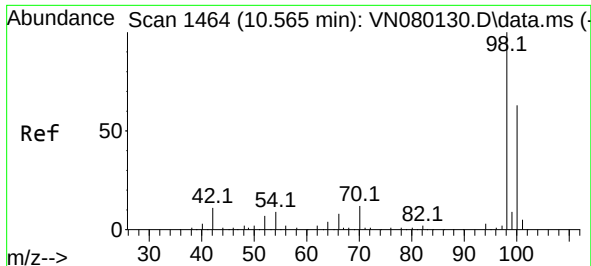
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 19.5 12.7 19.1#

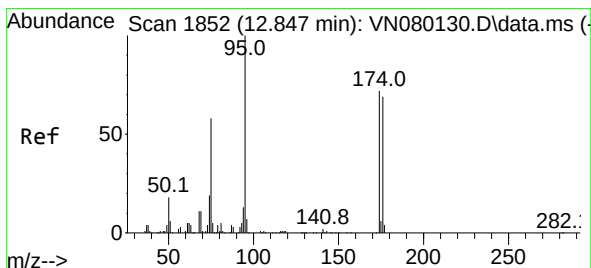
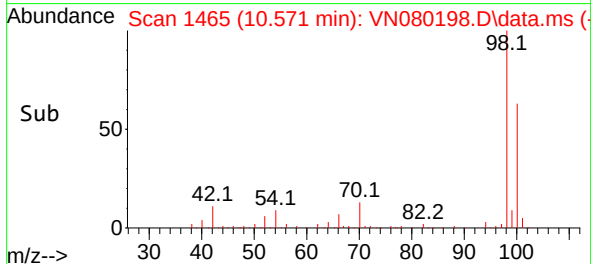
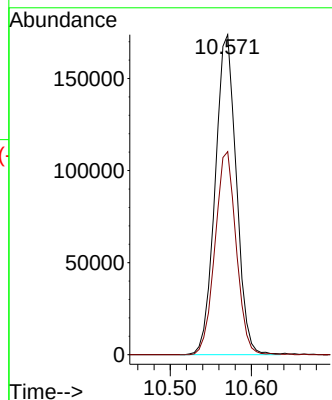
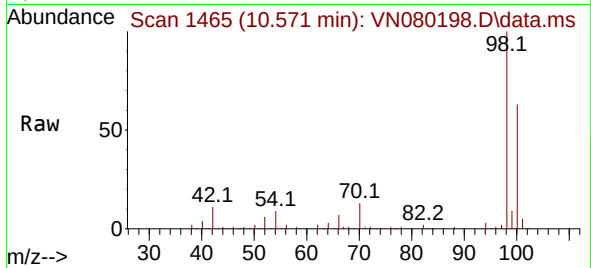




#50
Toluene-d8
Concen: 49.883 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080198.D
Acq: 20 Nov 2023 11:14

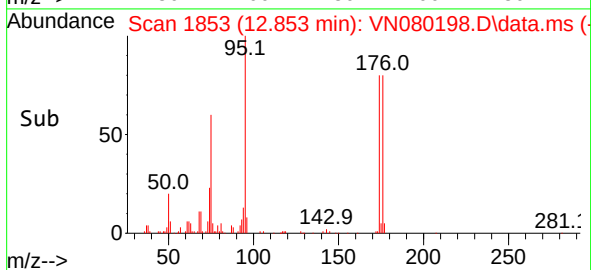
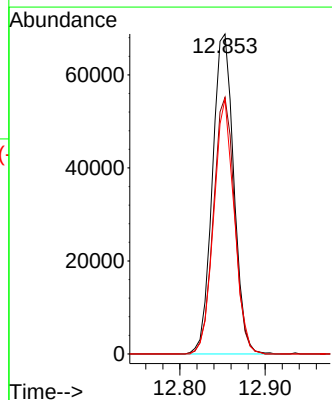
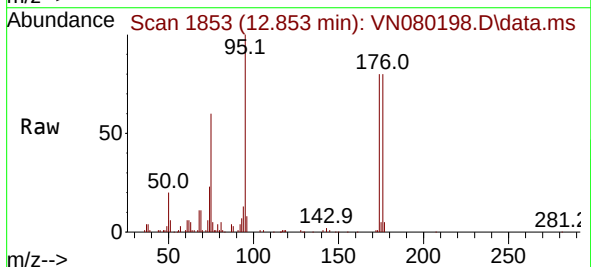
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBL01

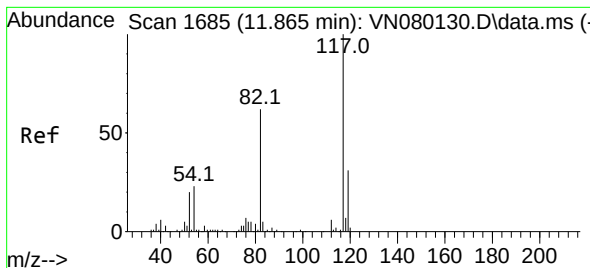
Tgt Ion: 98 Resp: 314805
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.256 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080198.D
Acq: 20 Nov 2023 11:14

Tgt Ion: 95 Resp: 119796
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 76.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080198.D

Acq: 20 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBL01

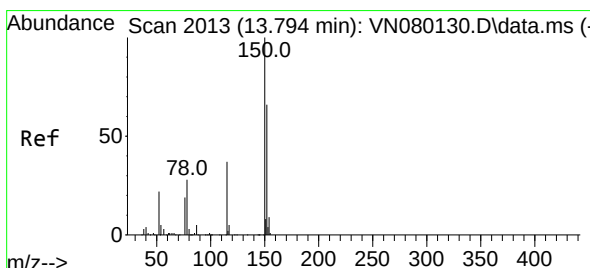
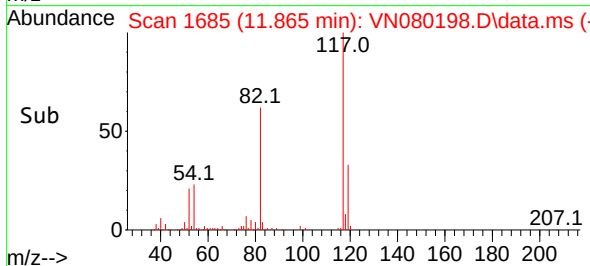
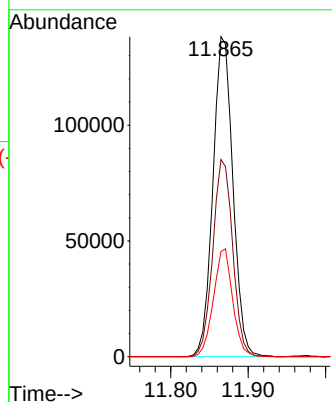
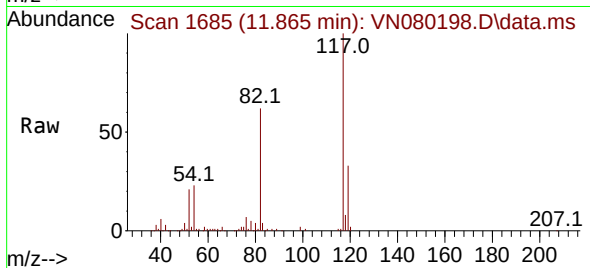
Tgt Ion:117 Resp: 247866

Ion Ratio Lower Upper

117 100

82 61.6 44.0 66.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080198.D

Acq: 20 Nov 2023 11:14

Tgt Ion:152 Resp: 109265

Ion Ratio Lower Upper

152 100

115 65.4 32.3 96.8

150 158.3 0.0 355.8

