

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080138.D
 Acq On : 16 Nov 2023 17:10
 Operator : JC\MD
 Sample : VN1116WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBL01

Quant Time: Nov 17 01:24:13 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	8.224	168	176966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	353003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161352	55.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.440%	
35) Dibromofluoromethane	8.165	113	128146	51.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.640%	
50) Toluene-d8	10.571	98	441286	49.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.853	95	173803	51.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.240%	

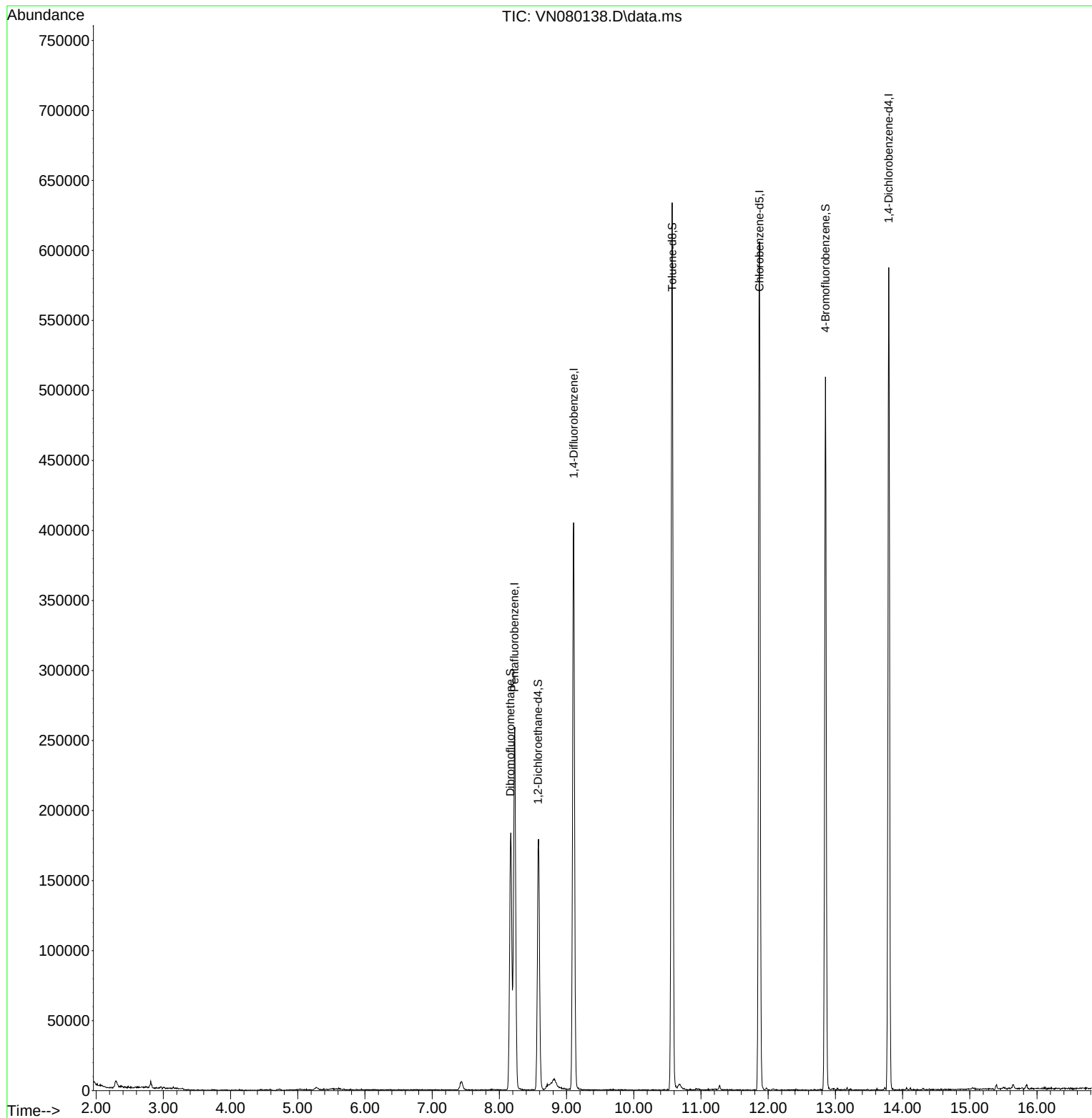
Target Compounds	Qvalue

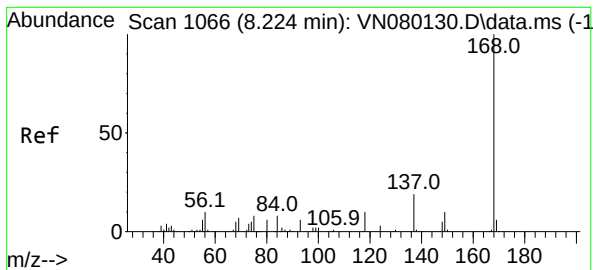
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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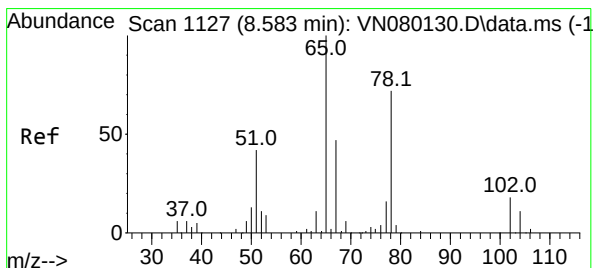
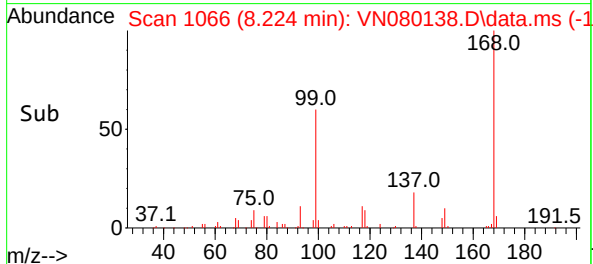
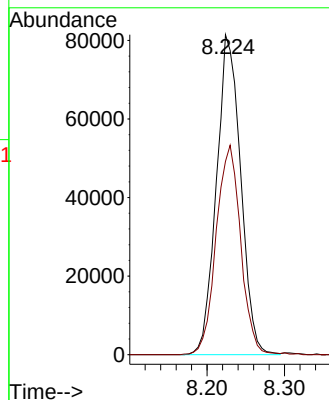
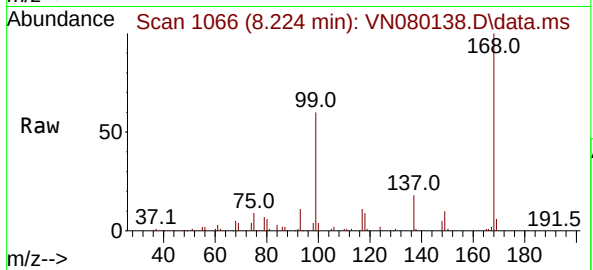




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080138.D
Acq: 16 Nov 2023 17:10

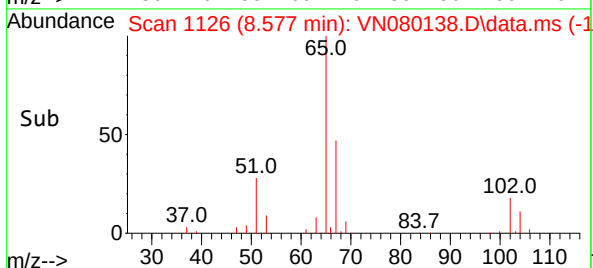
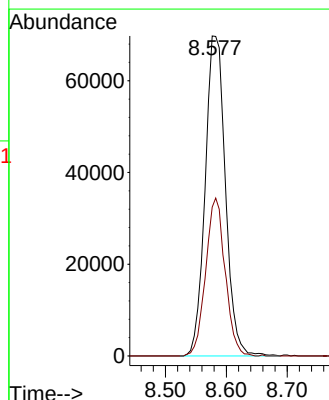
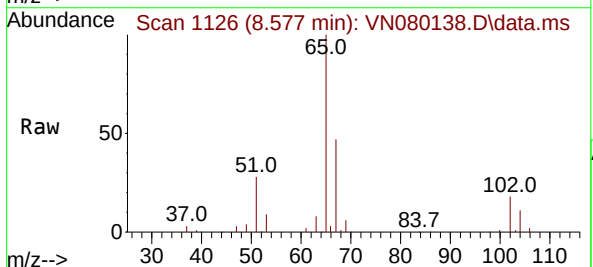
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL01

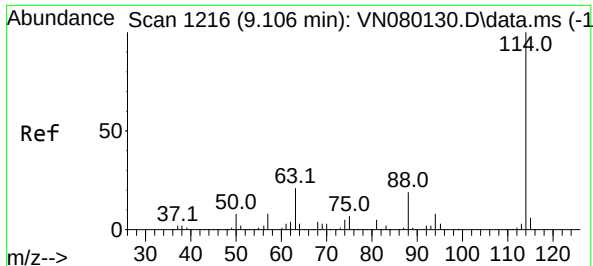
Tgt Ion:168 Resp: 176966
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.220 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080138.D
Acq: 16 Nov 2023 17:10

Tgt Ion: 65 Resp: 161352
Ion Ratio Lower Upper
65 100
67 47.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080138.D

Acq: 16 Nov 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBL01

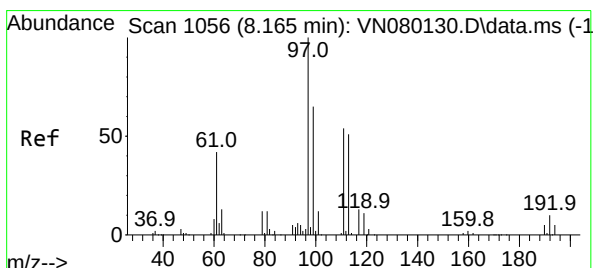
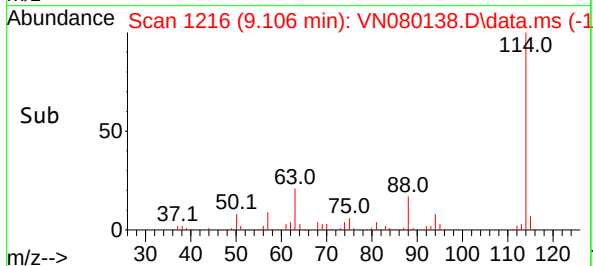
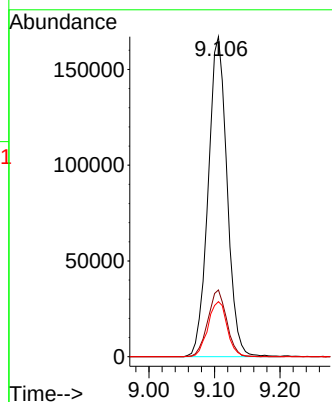
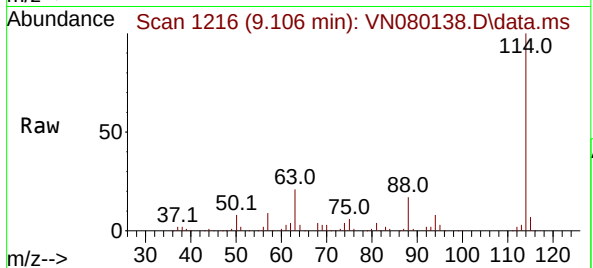
Tgt Ion:114 Resp: 335144

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.820 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080138.D

Acq: 16 Nov 2023 17:10

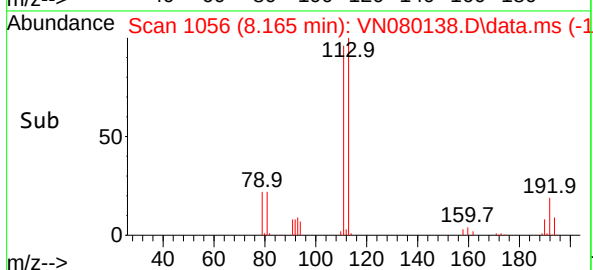
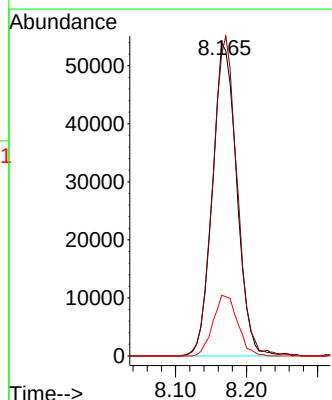
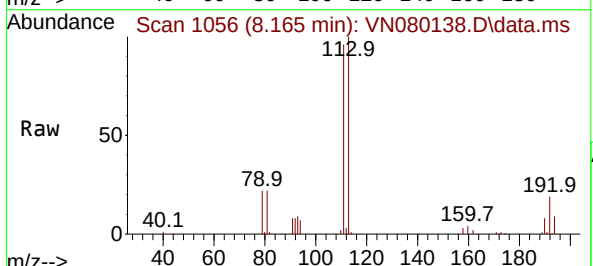
Tgt Ion:113 Resp: 128146

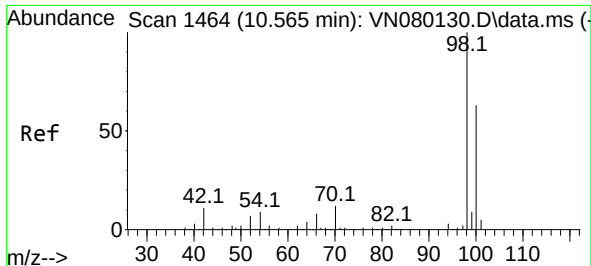
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 19.6 12.7 19.1#

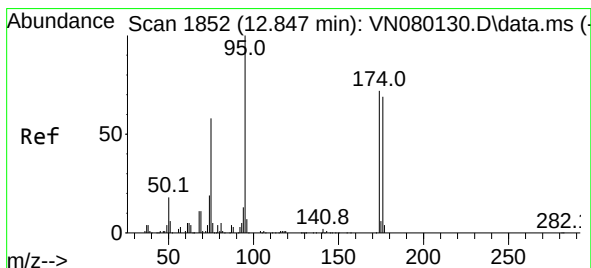
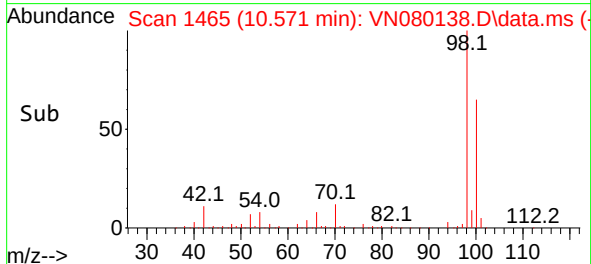
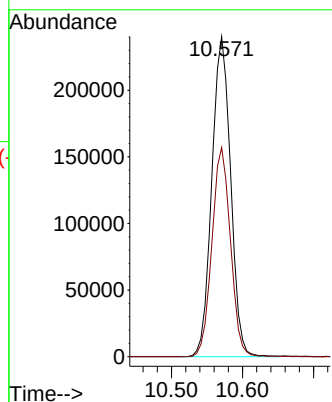
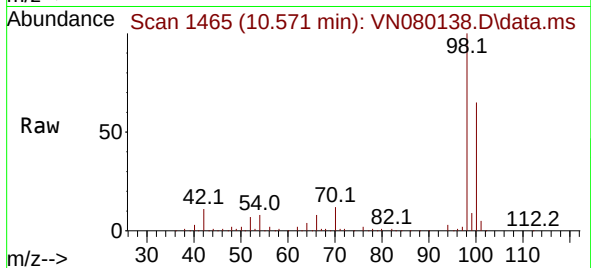




#50
Toluene-d8
Concen: 49.503 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080138.D
Acq: 16 Nov 2023 17:10

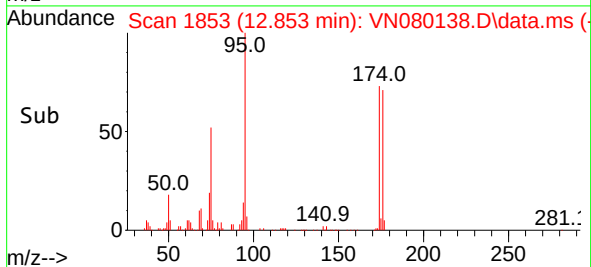
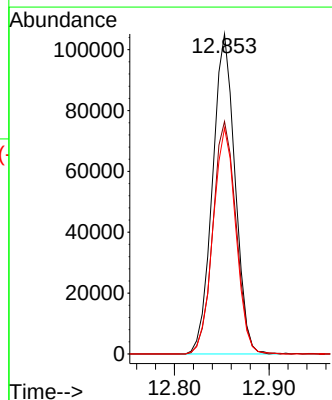
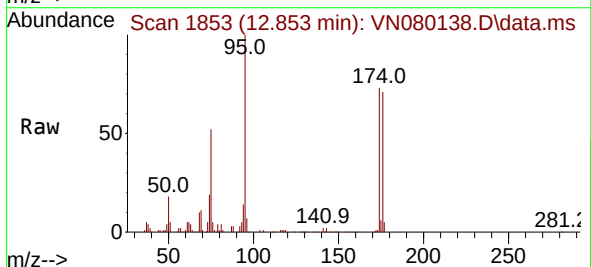
Instrument :
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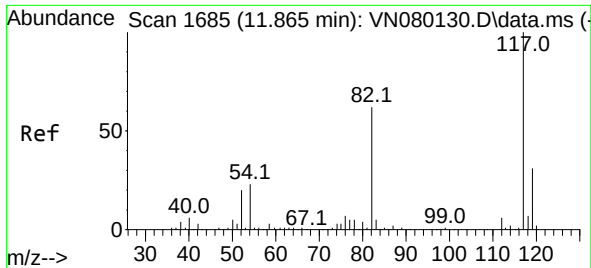
Tgt Ion: 98 Resp: 441286
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.618 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080138.D
Acq: 16 Nov 2023 17:10

Tgt Ion: 95 Resp: 173803
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.6 0.0 135.8

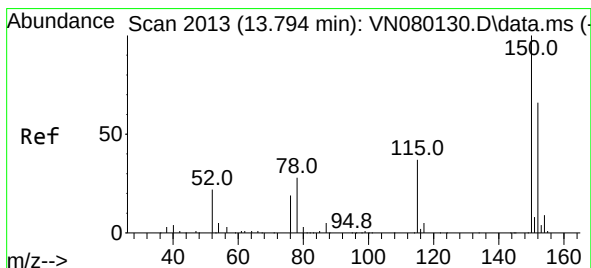
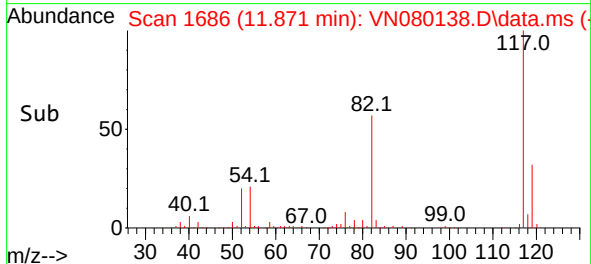
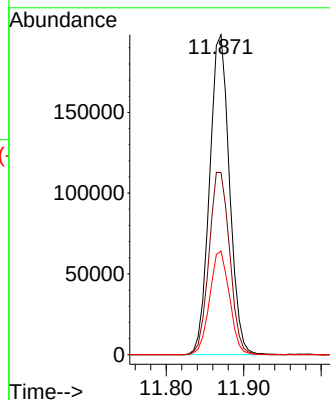
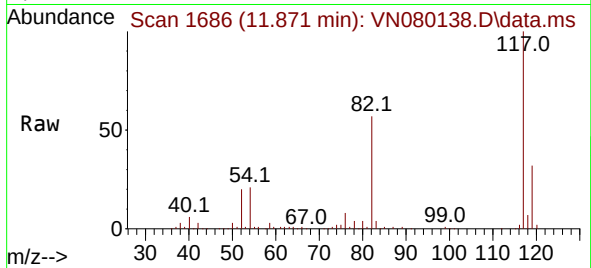




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080138.D
Acq: 16 Nov 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL01

Tgt Ion:117 Resp: 353003
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.4 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: VN080138.D
Acq: 16 Nov 2023 17:10

Tgt Ion:152 Resp: 155166
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 158.1 0.0 355.8

