

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076198.D
 Acq On : 11 Jan 2023 10:18
 Operator : JC\MD
 Sample : VN0111WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBL01

Quant Time: Jan 12 00:30:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	615044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	541223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	200743	46.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.940%
35) Dibromofluoromethane	8.177	113	183731	48.238	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	10.571	98	705385	49.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.853	95	223679	47.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%

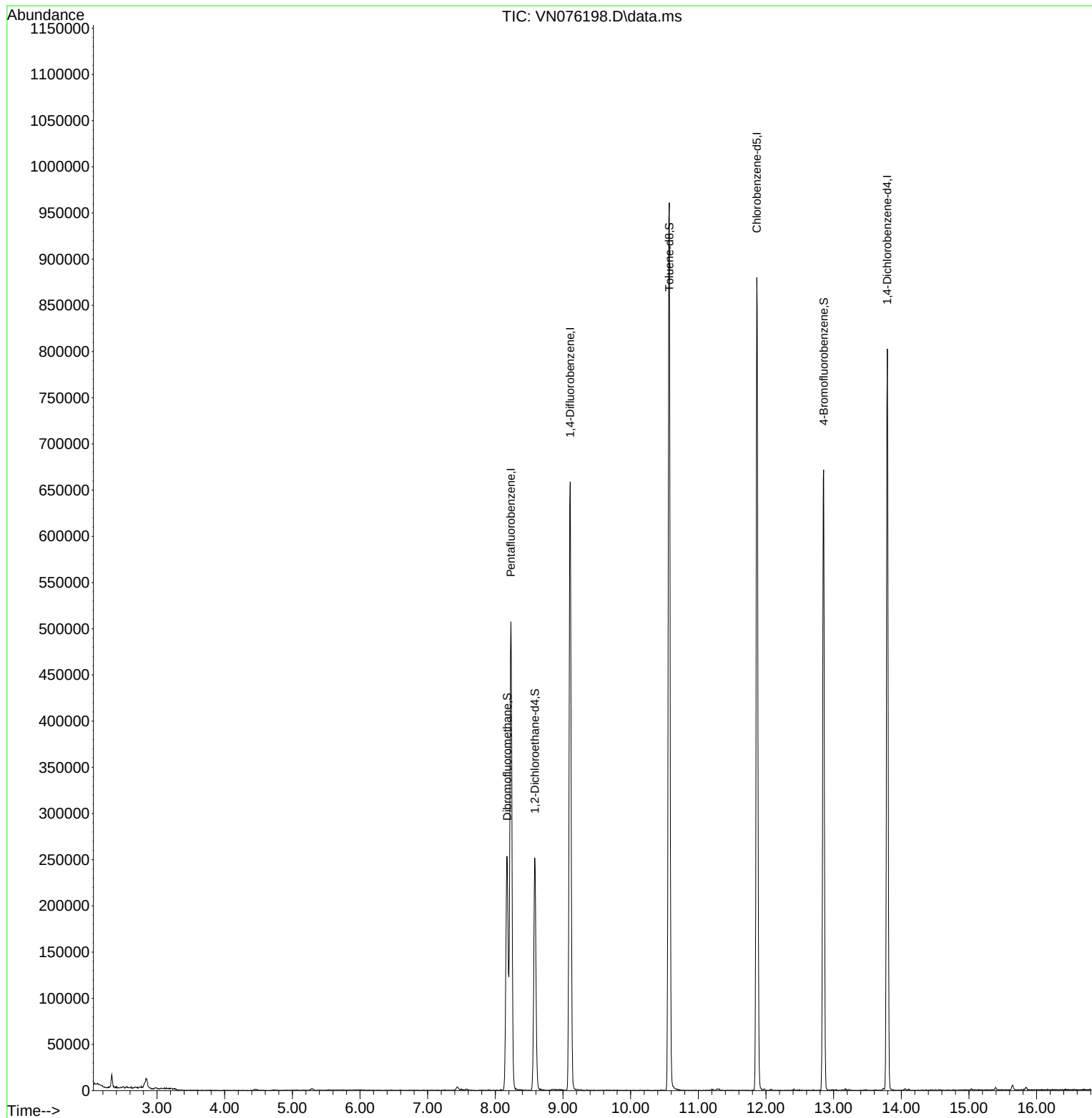
Target Compounds Qvalue

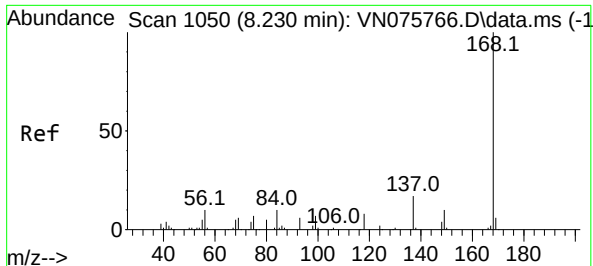
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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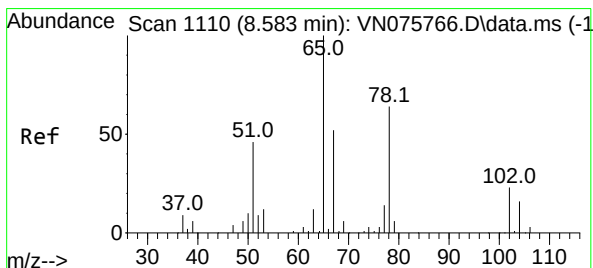
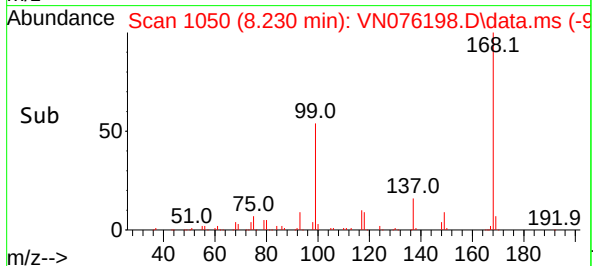
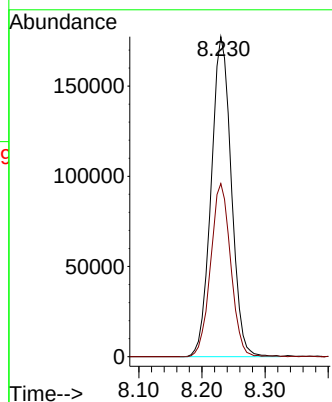
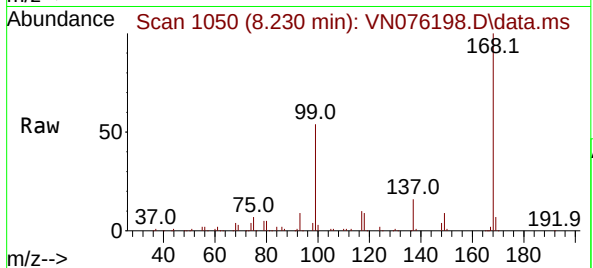




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076198.D
Acq: 11 Jan 2023 10:18

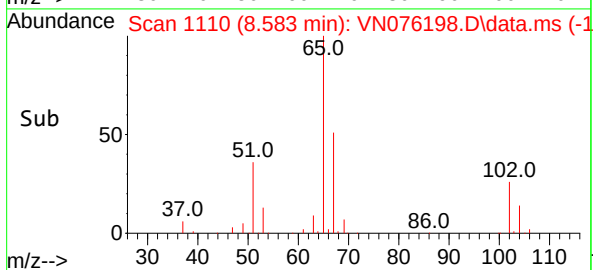
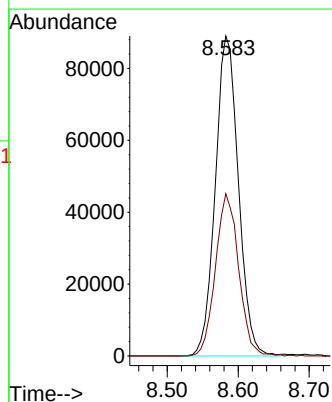
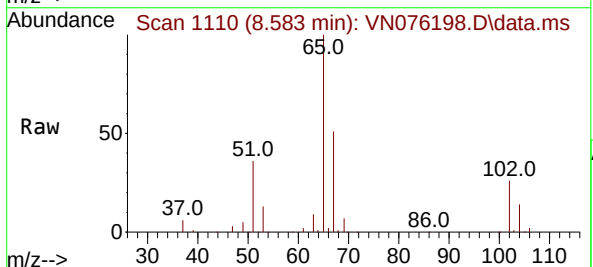
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBL01

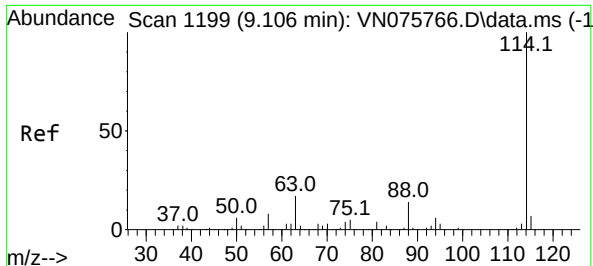
Tgt Ion:168 Resp: 392875
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.967 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076198.D
Acq: 11 Jan 2023 10:18

Tgt Ion: 65 Resp: 200743
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076198.D

Acq: 11 Jan 2023 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBL01

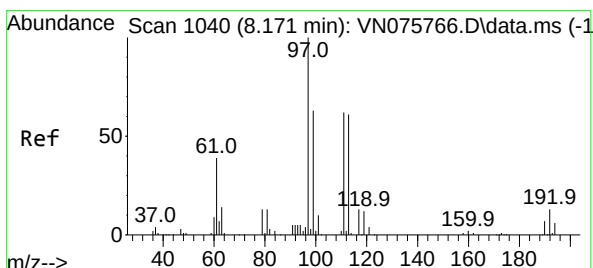
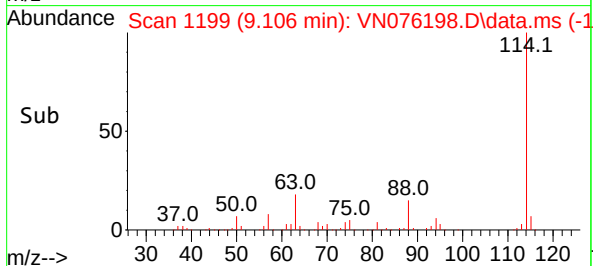
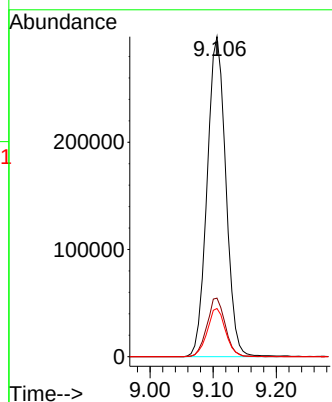
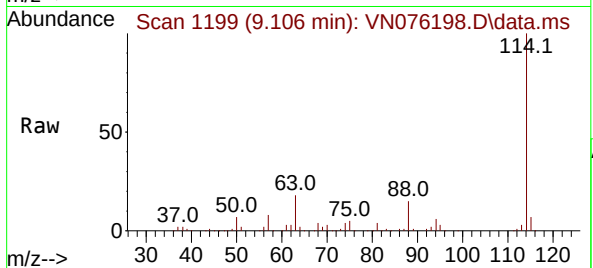
Tgt Ion:114 Resp: 615044

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.238 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076198.D

Acq: 11 Jan 2023 10:18

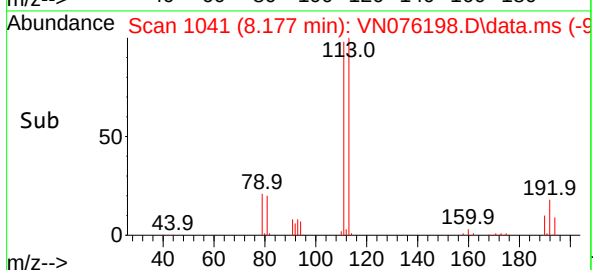
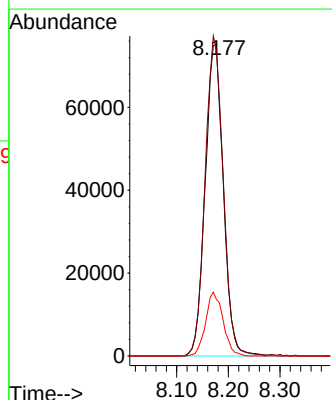
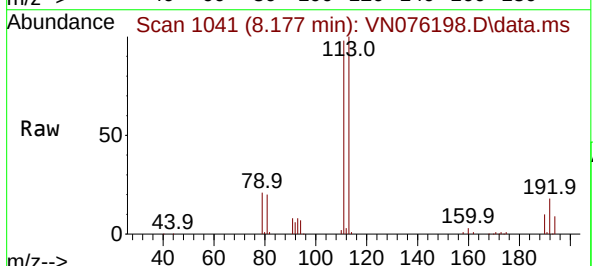
Tgt Ion:113 Resp: 183731

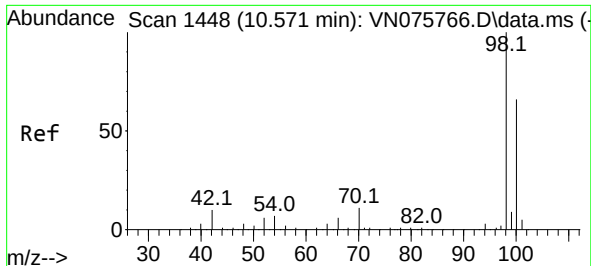
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 19.7 16.1 24.1

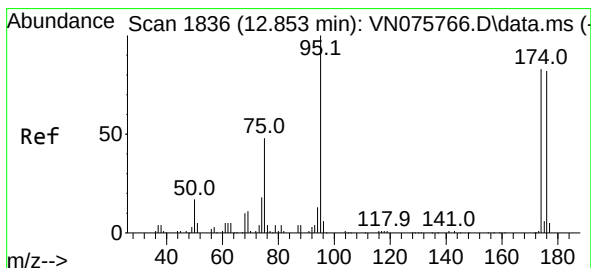
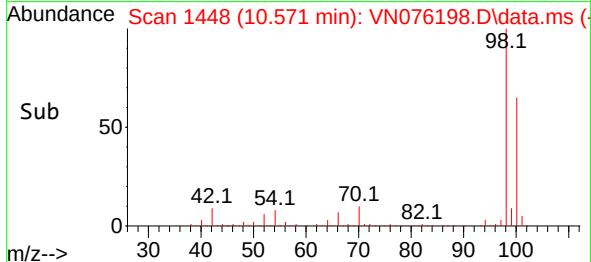
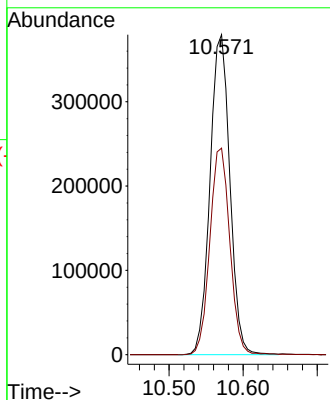
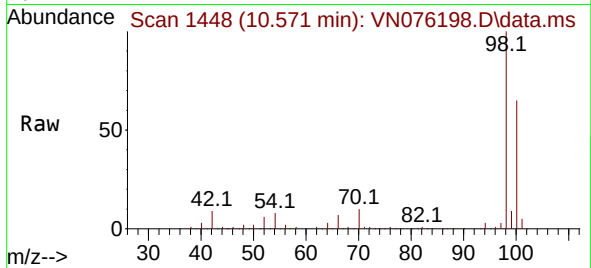




#50
Toluene-d8
Concen: 49.532 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076198.D
Acq: 11 Jan 2023 10:18

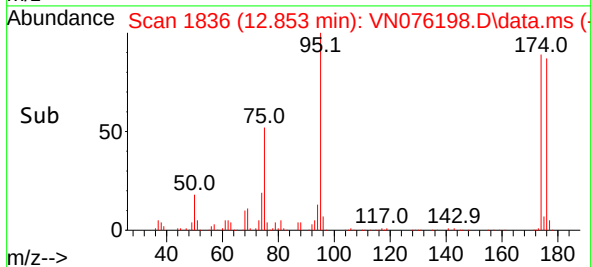
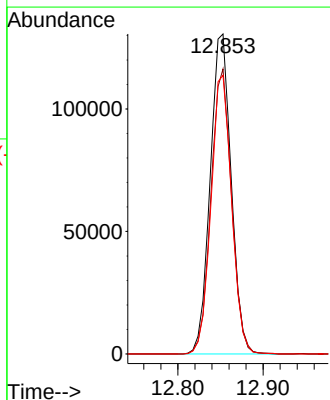
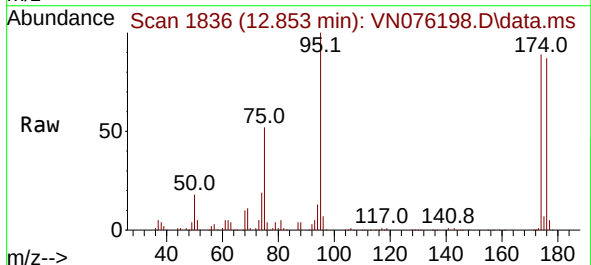
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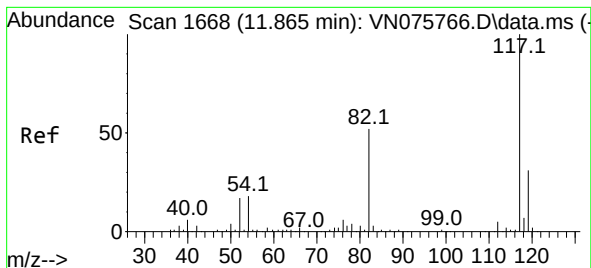
Tgt Ion: 98 Resp: 705385
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.422 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076198.D
Acq: 11 Jan 2023 10:18

Tgt Ion: 95 Resp: 223679
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 85.6 0.0 169.2

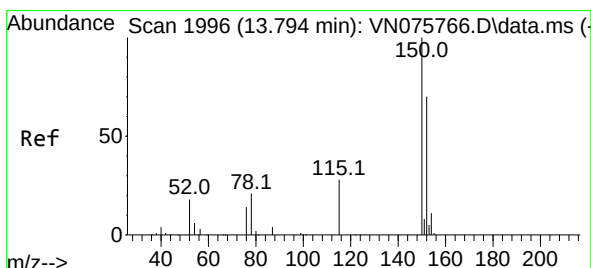
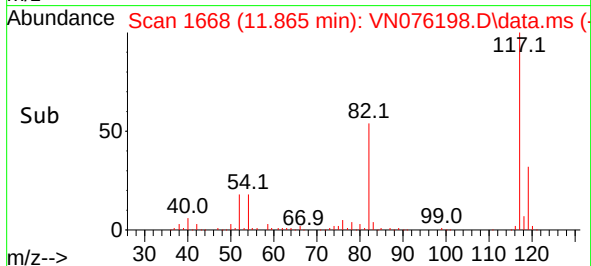
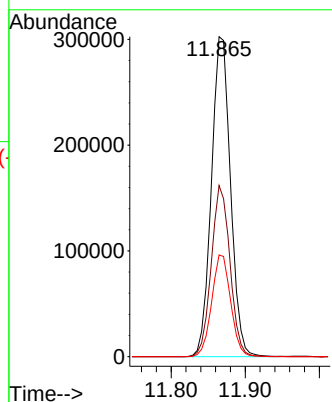
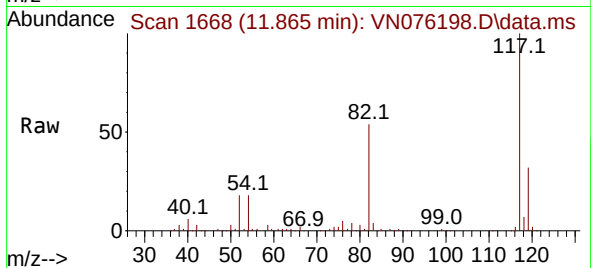




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076198.D
Acq: 11 Jan 2023 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBL01

Tgt Ion:117 Resp: 541223
Ion Ratio Lower Upper
117 100
82 53.5 41.3 61.9
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076198.D
Acq: 11 Jan 2023 10:18

Tgt Ion:152 Resp: 230256
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.4
150 157.6 0.0 347.0

