

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076397.D
 Acq On : 25 Jan 2023 13:22
 Operator : JC\MD
 Sample : 01291-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-358-360

Quant Time: Jan 26 07:16:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	388273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223677	51.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.900%
35) Dibromofluoromethane	8.171	113	192497	48.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.680%
50) Toluene-d8	10.571	98	722237	49.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	222018	46.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%

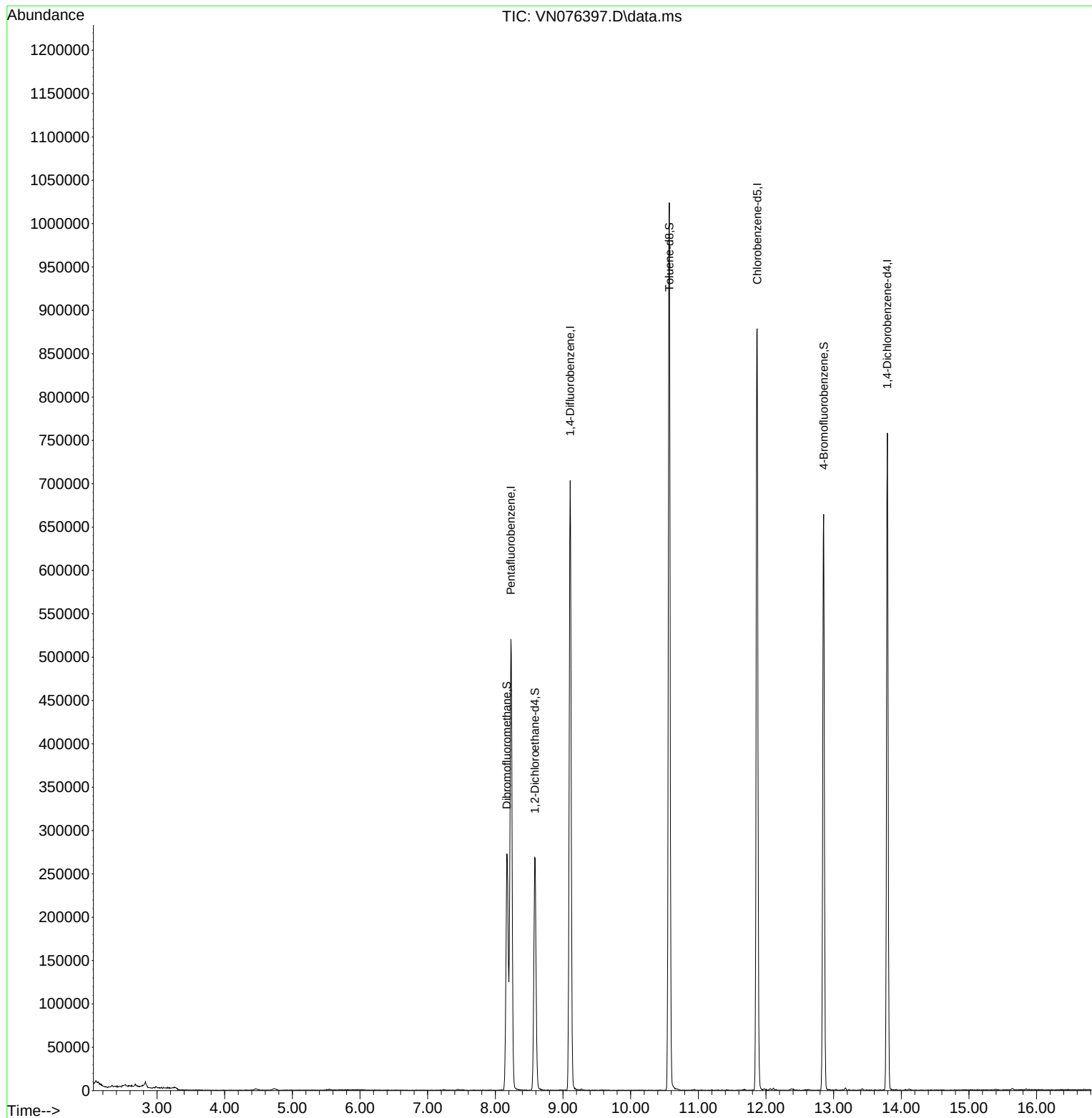
Target Compounds	Qvalue

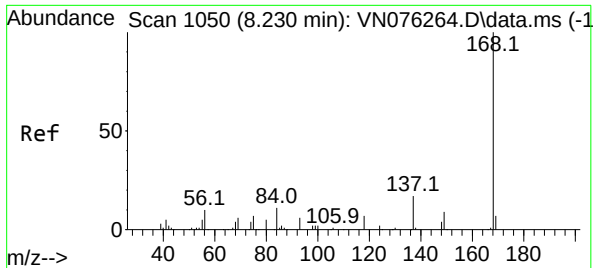
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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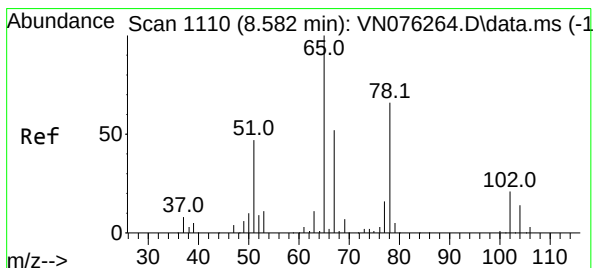
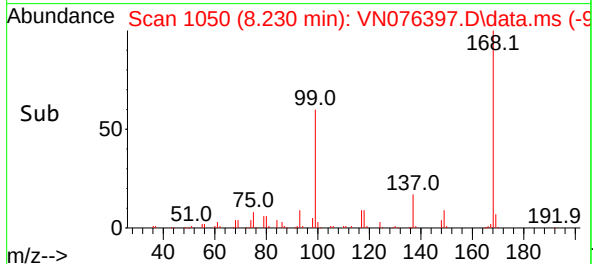
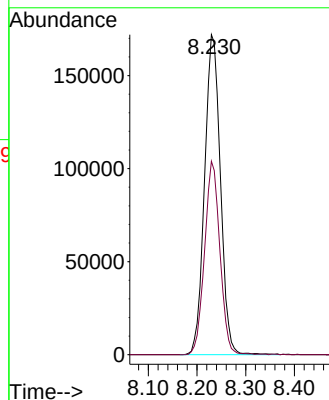
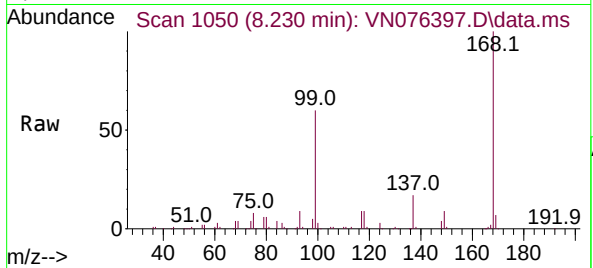




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN076397.D
Acq: 25 Jan 2023 13:22

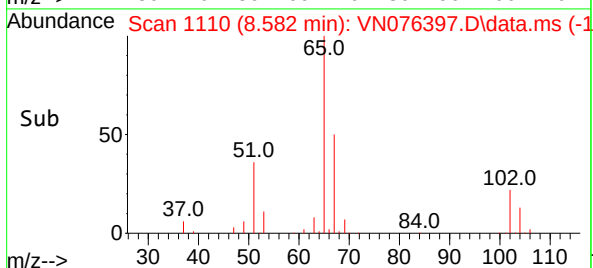
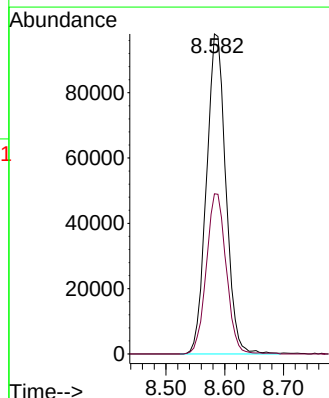
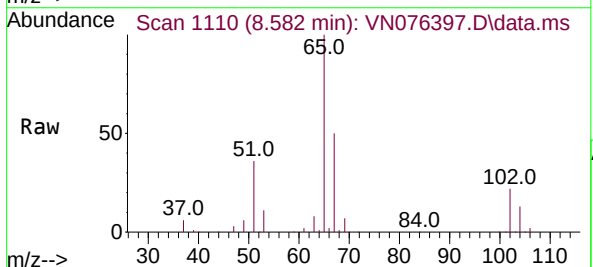
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-358-360

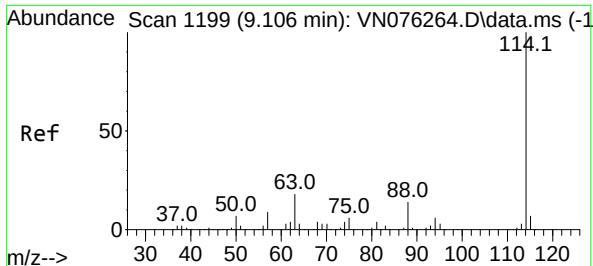
Tgt Ion:168 Resp: 388273
Ion Ratio Lower Upper
168 100
99 60.4 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.450 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076397.D
Acq: 25 Jan 2023 13:22

Tgt Ion: 65 Resp: 223677
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076397.D

Acq: 25 Jan 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-358-360

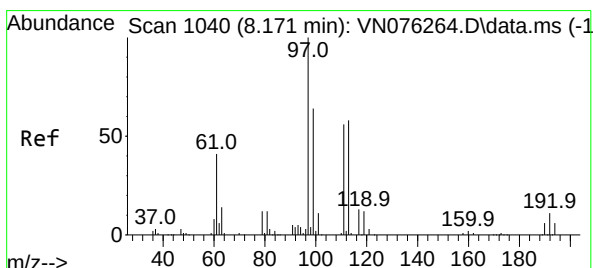
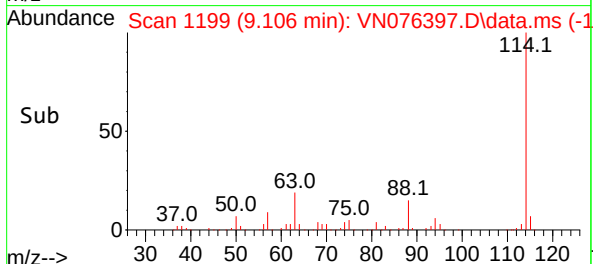
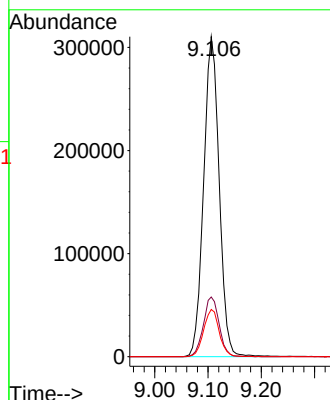
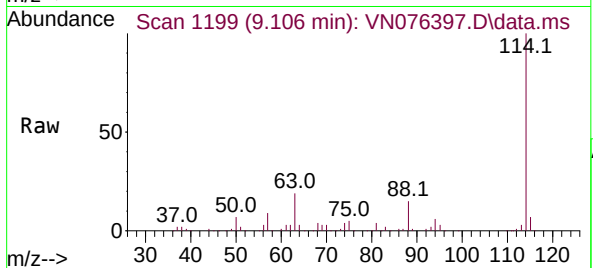
Tgt Ion:114 Resp: 630105

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 14.7 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.838 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076397.D

Acq: 25 Jan 2023 13:22

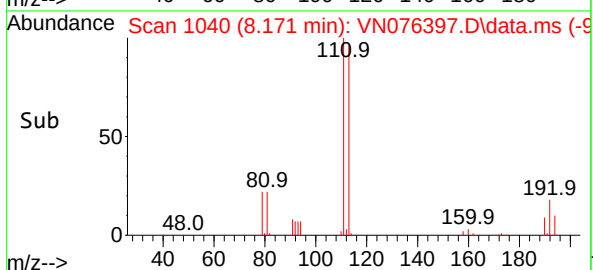
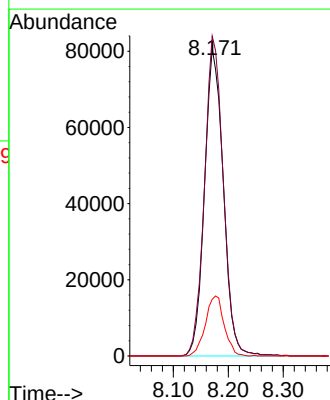
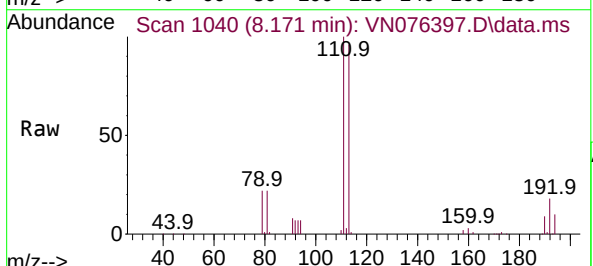
Tgt Ion:113 Resp: 192497

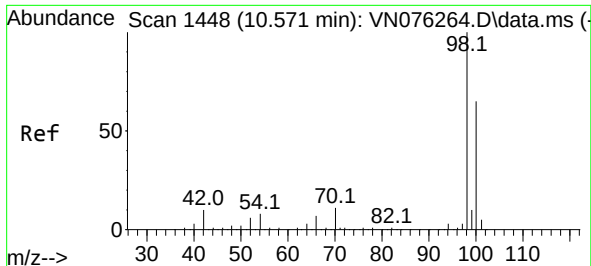
Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 19.4 15.6 23.4

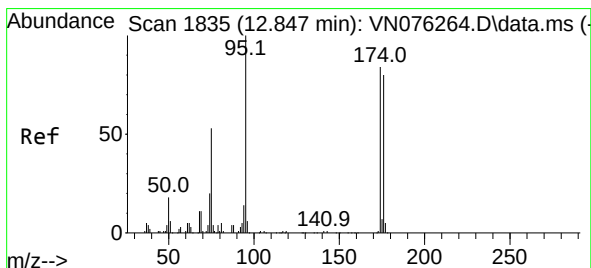
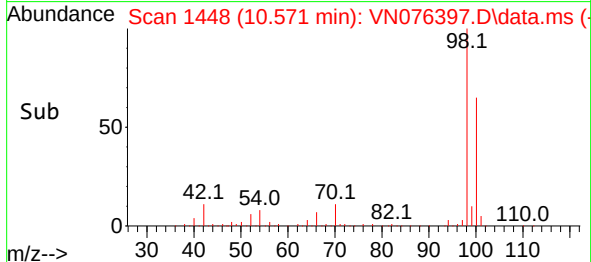
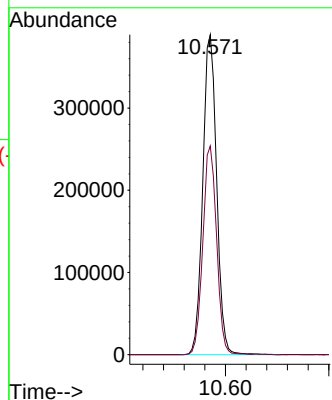
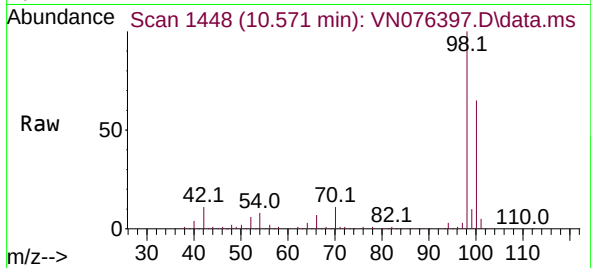




#50
Toluene-d8
Concen: 49.616 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076397.D
Acq: 25 Jan 2023 13:22

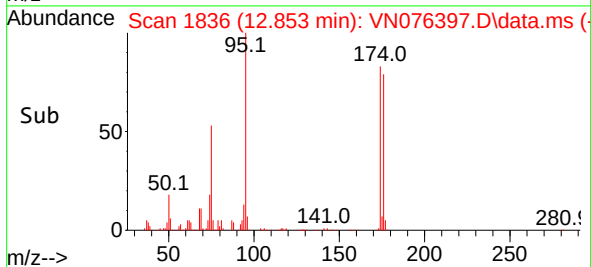
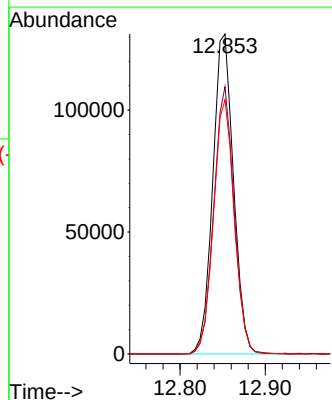
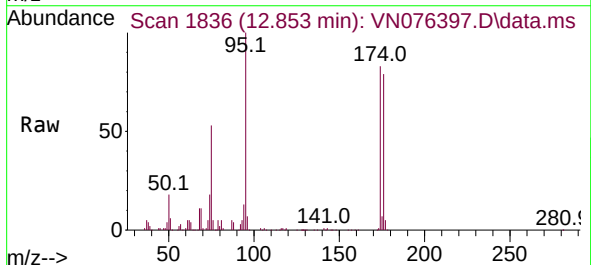
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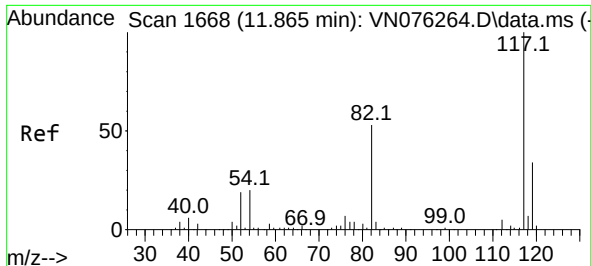
Tgt Ion: 98 Resp: 722237
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.720 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076397.D
Acq: 25 Jan 2023 13:22

Tgt Ion: 95 Resp: 222018
Ion Ratio Lower Upper
95 100
174 82.1 0.0 174.6
176 79.3 0.0 167.8

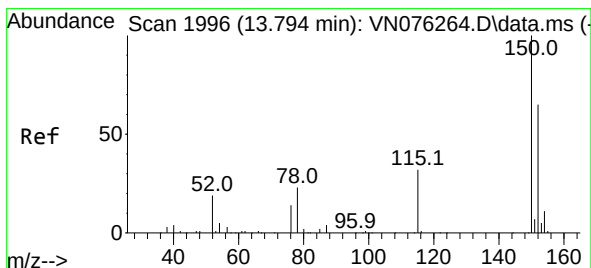
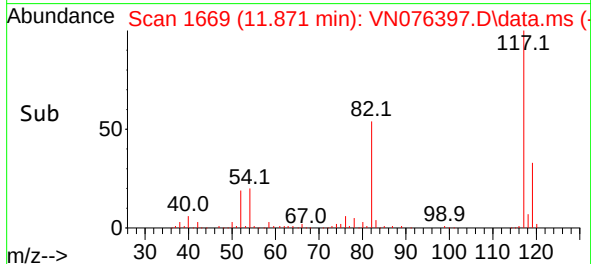
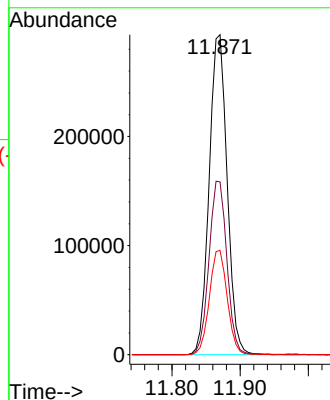
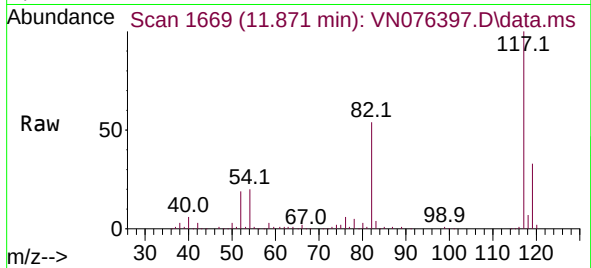




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076397.D
Acq: 25 Jan 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-358-360

Tgt Ion:117 Resp: 537995
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.2
119 32.6 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076397.D
Acq: 25 Jan 2023 13:22

Tgt Ion:152 Resp: 206430
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.9
150 158.2 0.0 351.4

