

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076400.D
 Acq On : 25 Jan 2023 14:34
 Operator : JC\MD
 Sample : 01291-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-418-420

Quant Time: Jan 26 07:17:03 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	432039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	708122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	600003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263731	54.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.040%
35) Dibromofluoromethane	8.171	113	220869	49.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	10.571	98	814556	49.792	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.853	95	247636	46.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.740%

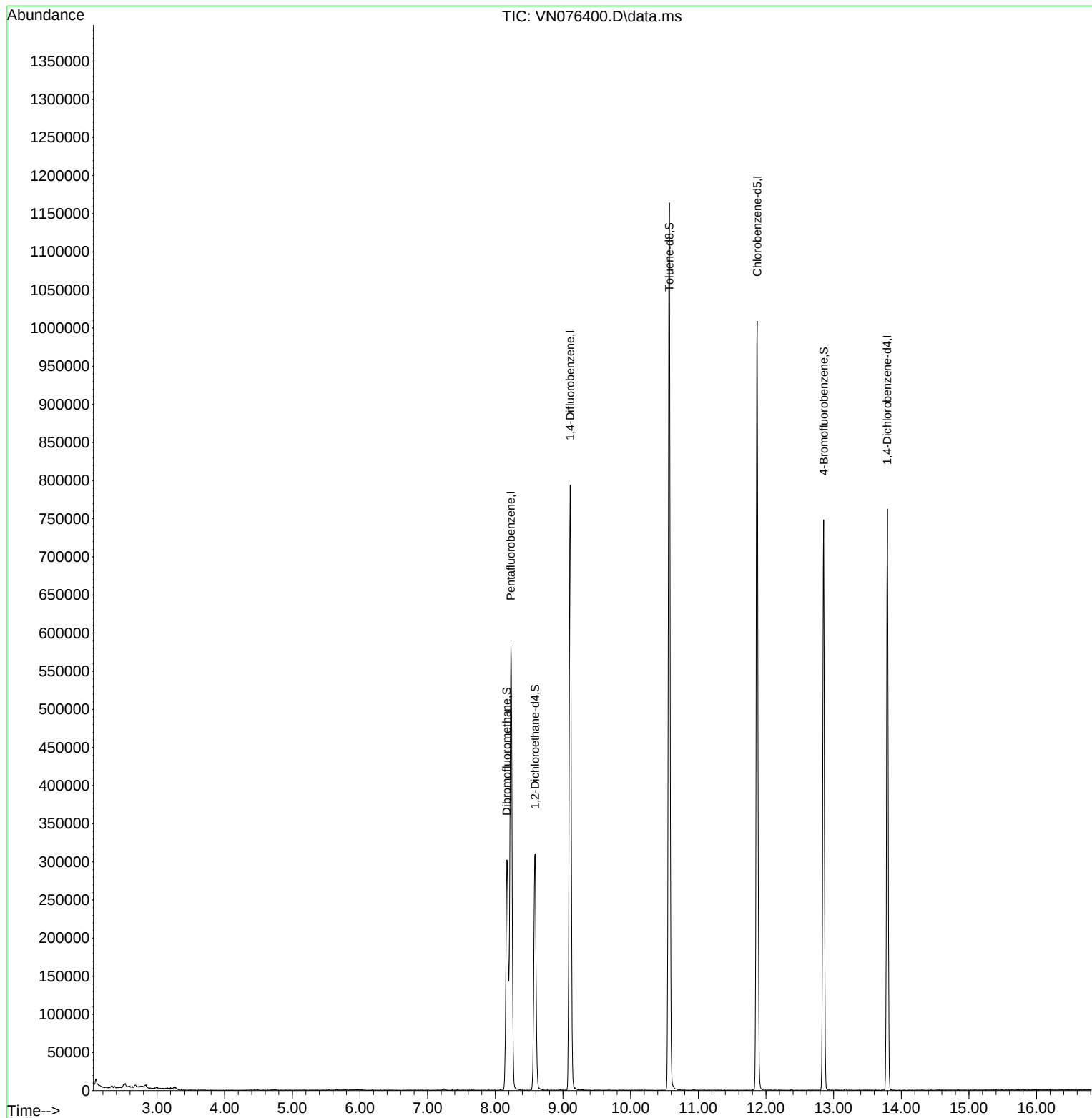
Target Compounds	Qvalue

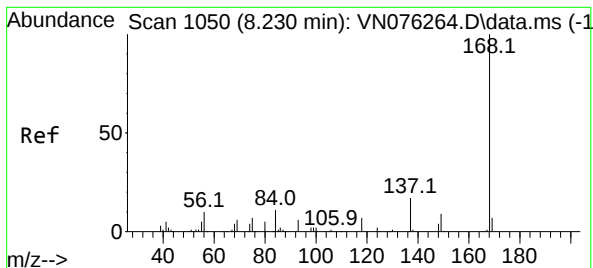
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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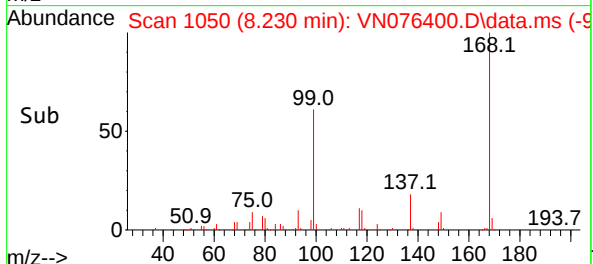
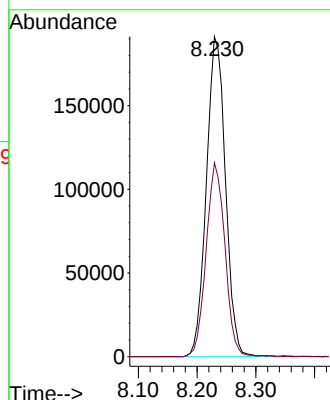
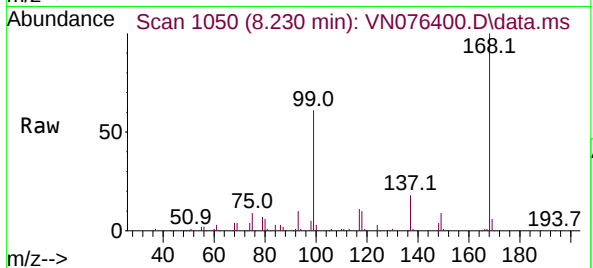




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076400.D
Acq: 25 Jan 2023 14:34

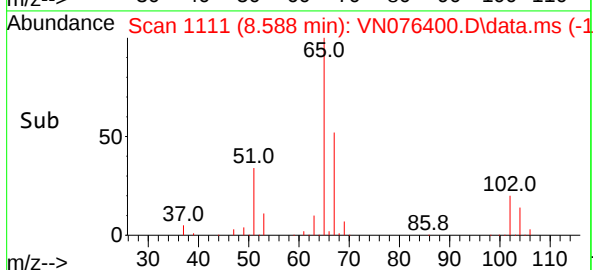
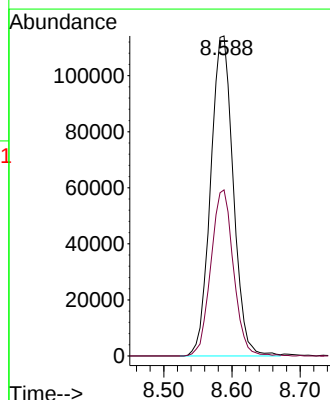
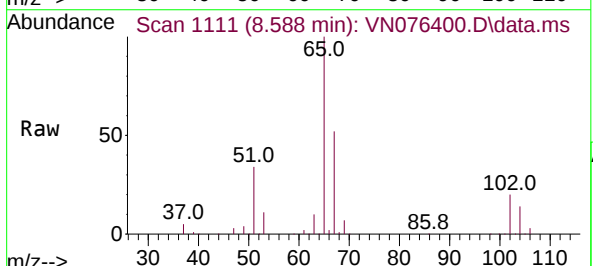
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-418-420

Tgt Ion:168 Resp: 432039
Ion Ratio Lower Upper
168 100
99 60.6 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 54.518 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076400.D
Acq: 25 Jan 2023 14:34

Tgt Ion: 65 Resp: 263731
Ion Ratio Lower Upper
65 100
67 51.8 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: VN076400.D

Acq: 25 Jan 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-418-420

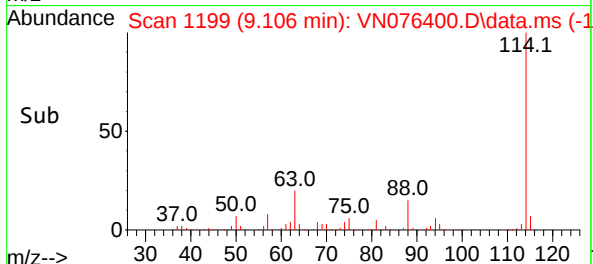
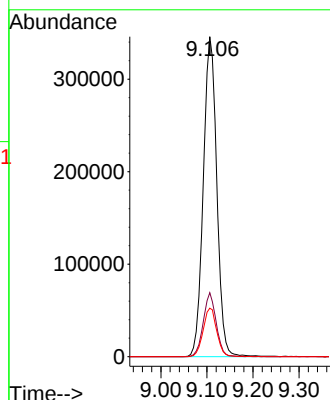
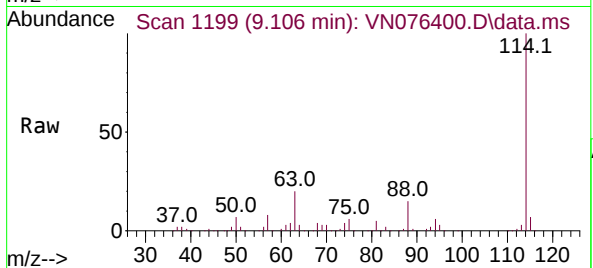
Tgt Ion:114 Resp: 708122

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.8

88 15.2 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.862 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076400.D

Acq: 25 Jan 2023 14:34

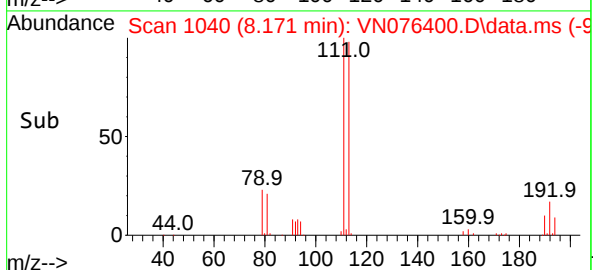
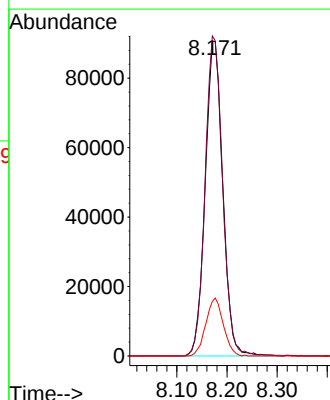
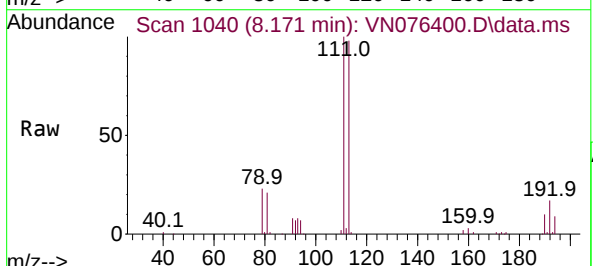
Tgt Ion:113 Resp: 220869

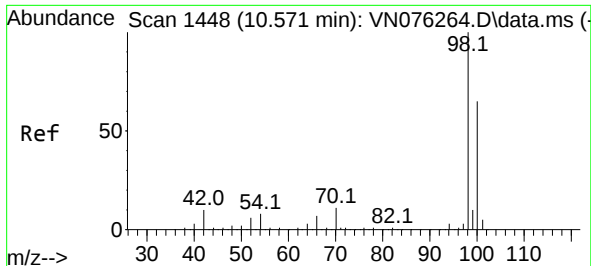
Ion Ratio Lower Upper

113 100

111 101.3 82.7 124.1

192 18.3 15.6 23.4

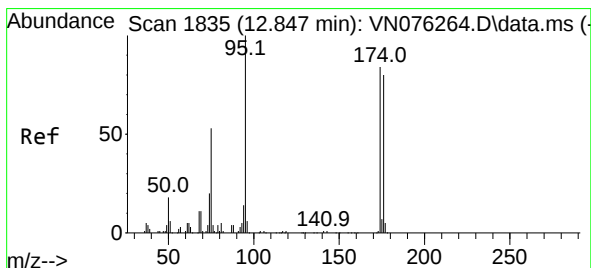
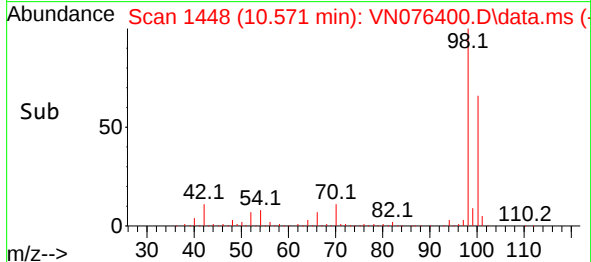
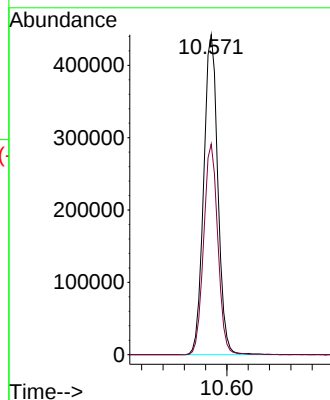
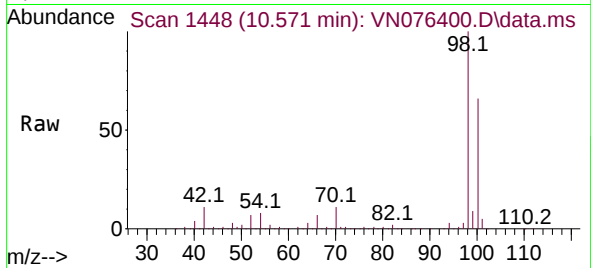




#50
Toluene-d8
Concen: 49.792 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076400.D
Acq: 25 Jan 2023 14:34

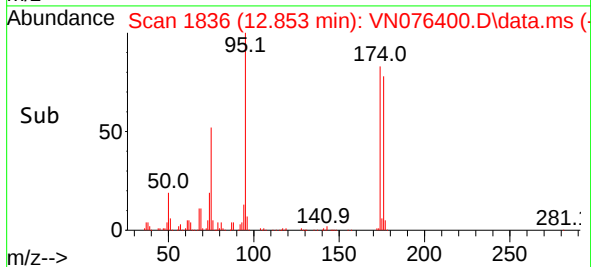
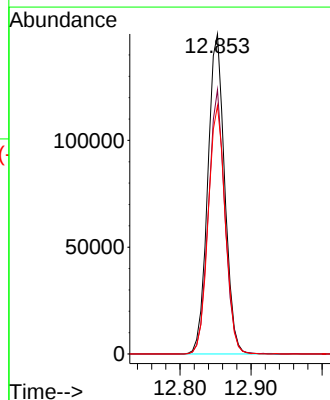
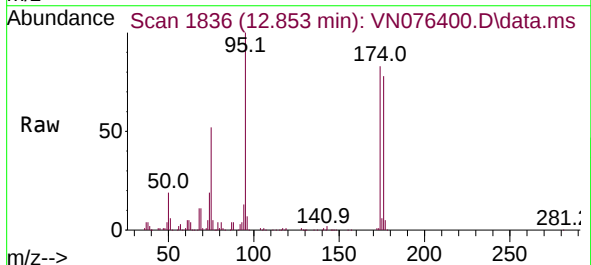
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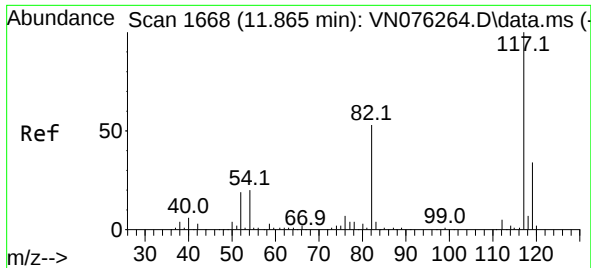
Tgt Ion: 98 Resp: 814556
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.370 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076400.D
Acq: 25 Jan 2023 14:34

Tgt Ion: 95 Resp: 247636
Ion Ratio Lower Upper
95 100
174 80.2 0.0 174.6
176 78.3 0.0 167.8

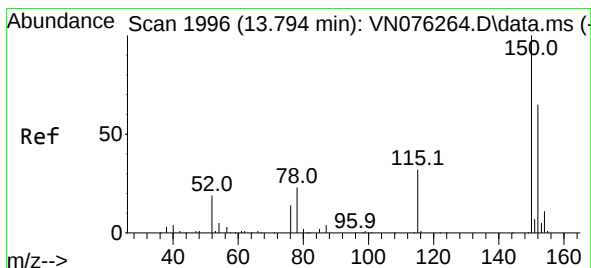
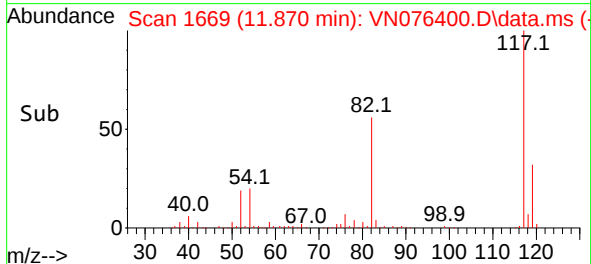
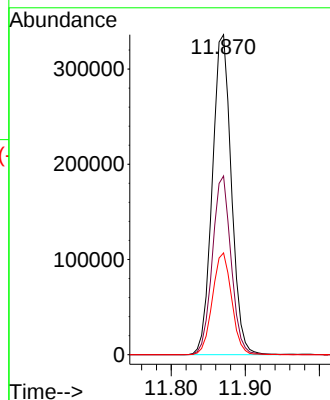
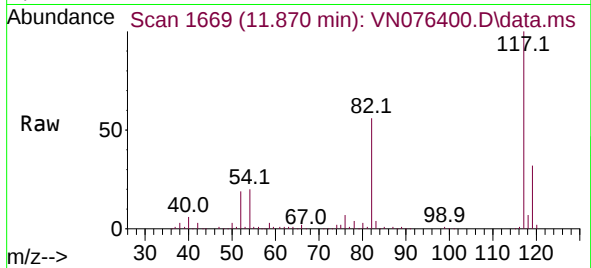




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076400.D
Acq: 25 Jan 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-418-420

Tgt Ion:117 Resp: 600003
Ion Ratio Lower Upper
117 100
82 55.9 42.2 63.2
119 31.8 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: VN076400.D
Acq: 25 Jan 2023 14:34

Tgt Ion:152 Resp: 205227
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.9
150 157.6 0.0 351.4

