

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077793.D
 Acq On : 22 May 2023 16:41
 Operator : JC\MD
 Sample : 02880-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D2-20230518

Quant Time: May 23 04:20:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	375485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	665281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	580306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	182129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	250024	44.502	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.000%
35) Dibromofluoromethane	8.177	113	213406	49.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.576	98	818343	49.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.853	95	254789	43.203	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.400%

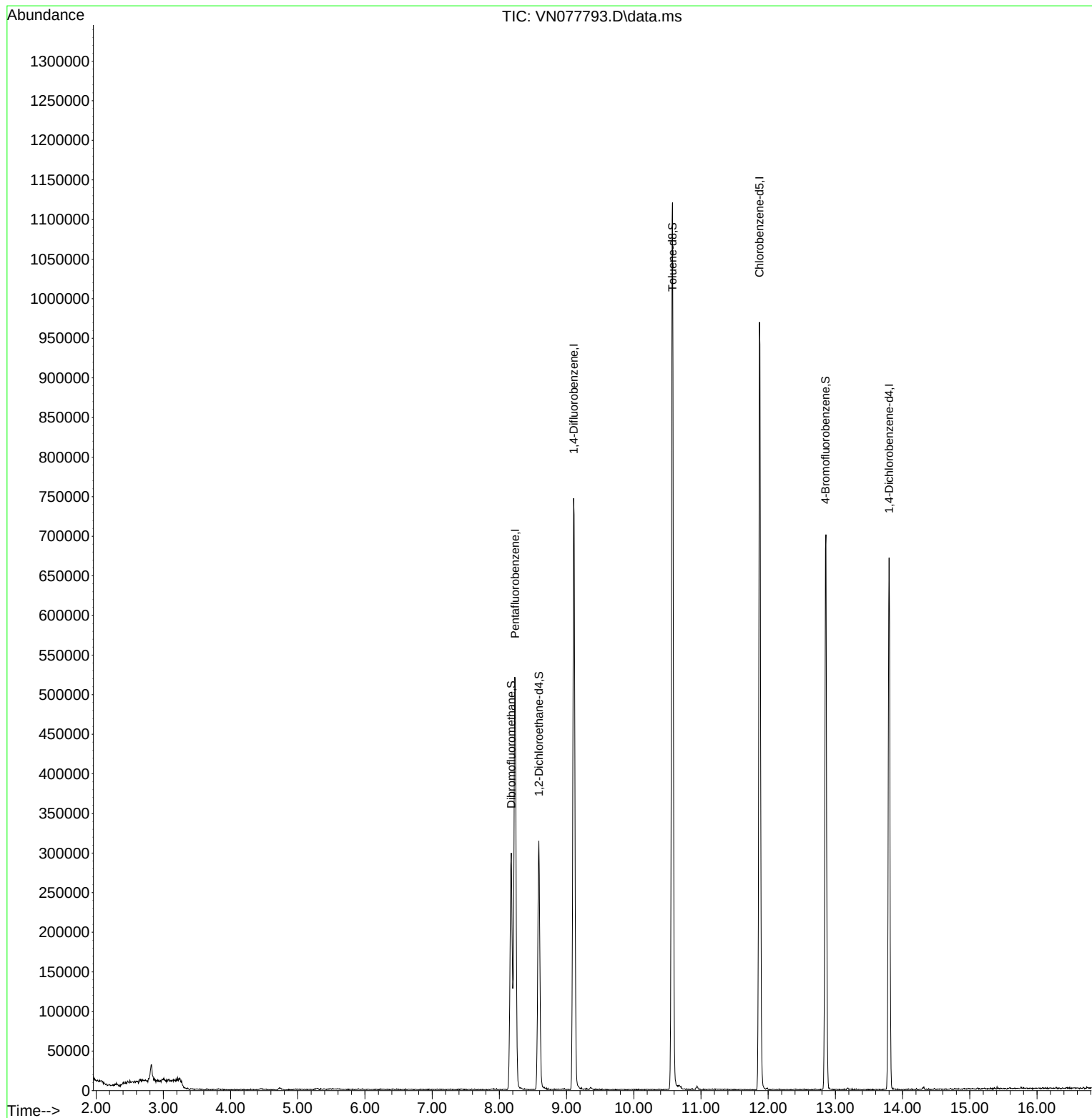
Target Compounds	Qvalue

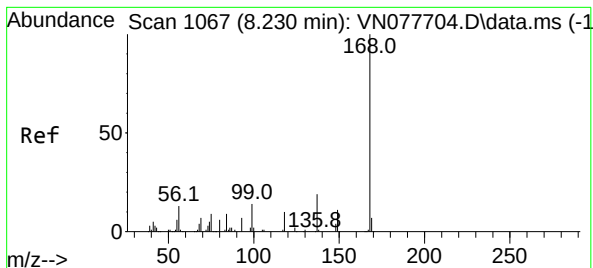
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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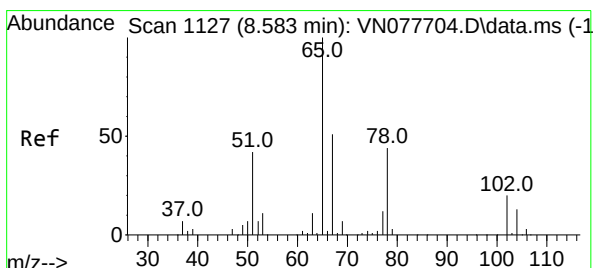
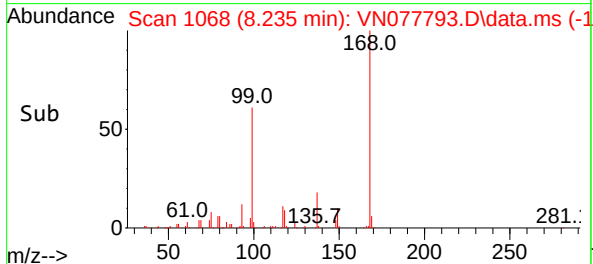
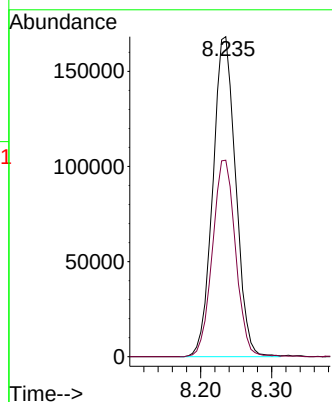
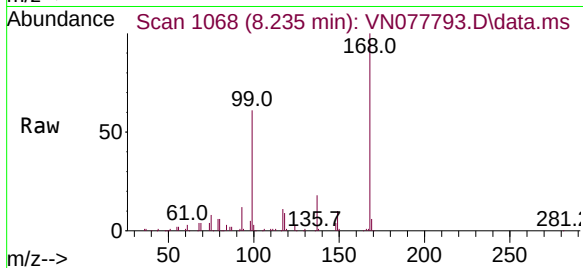




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

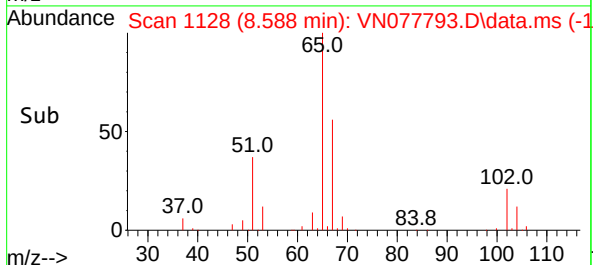
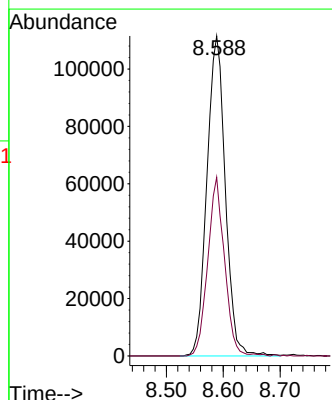
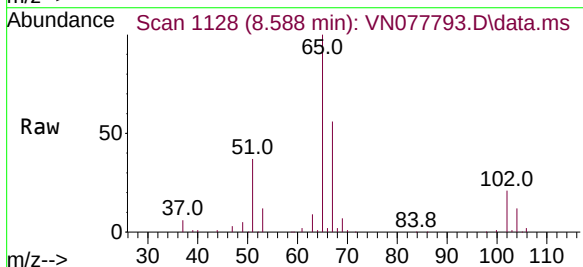
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518

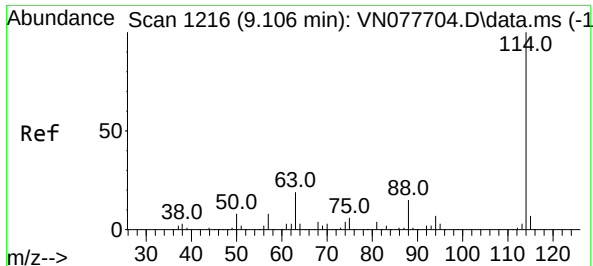
Tgt Ion:168 Resp: 375485
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.502 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion: 65 Resp: 250024
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077793.D

Acq: 22 May 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D2-20230518

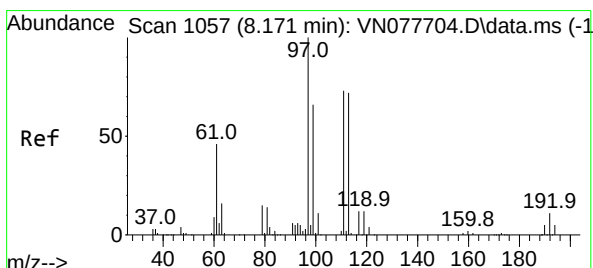
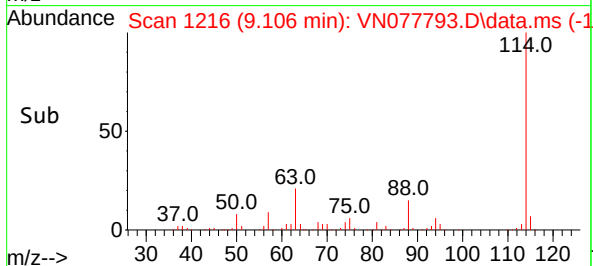
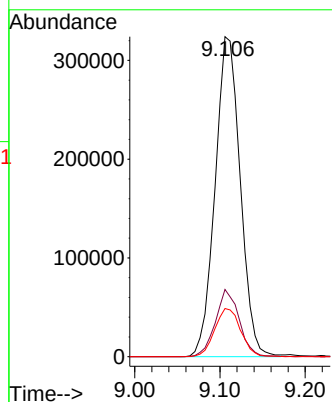
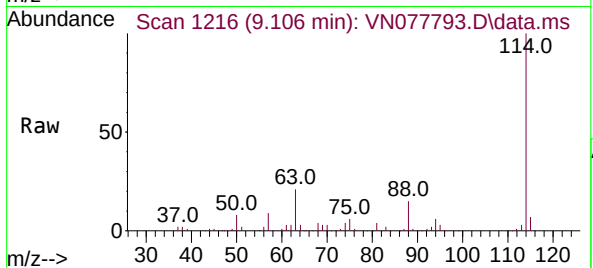
Tgt Ion:114 Resp: 665281

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.192 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077793.D

Acq: 22 May 2023 16:41

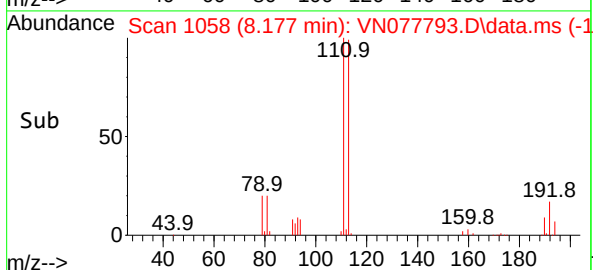
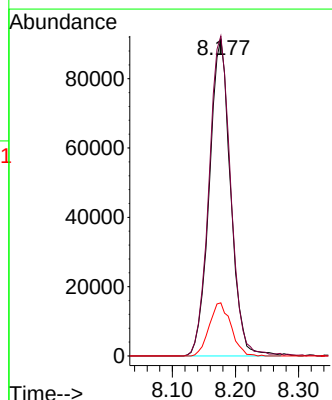
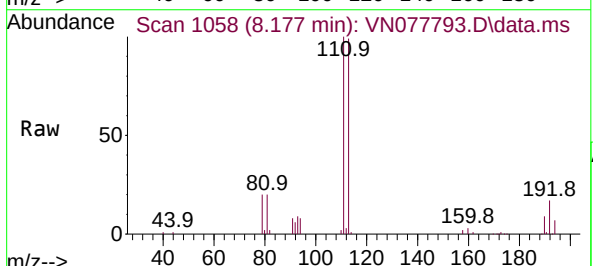
Tgt Ion:113 Resp: 213406

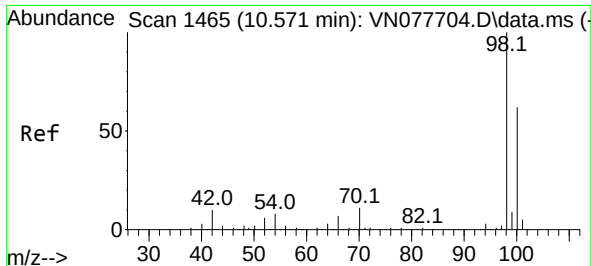
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.2 12.7 19.1

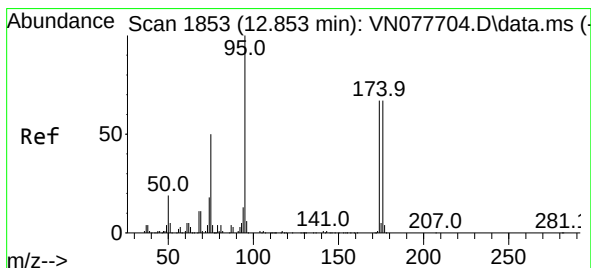
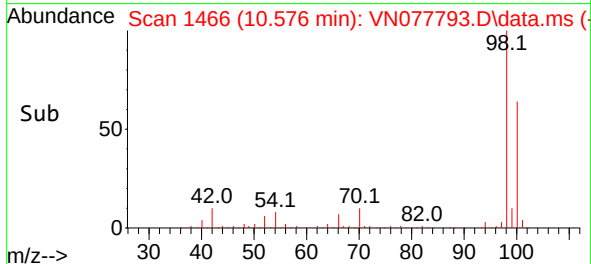
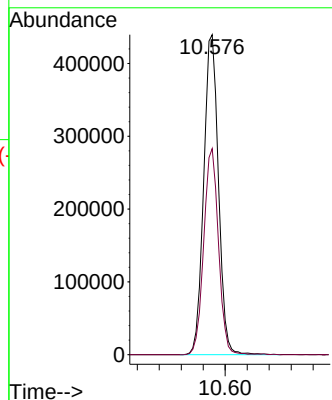
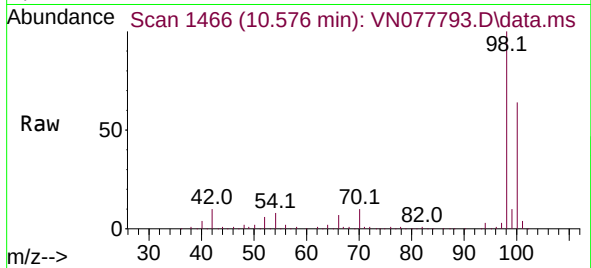




#50
Toluene-d8
Concen: 49.008 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

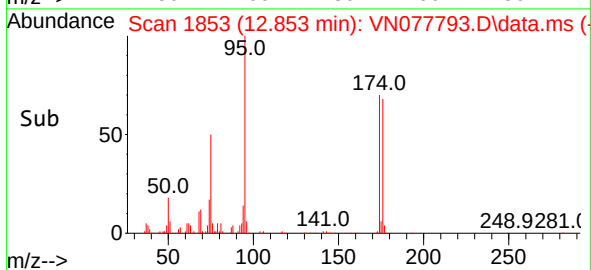
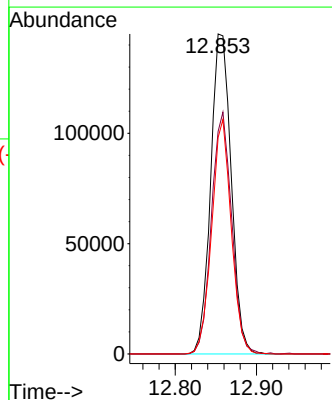
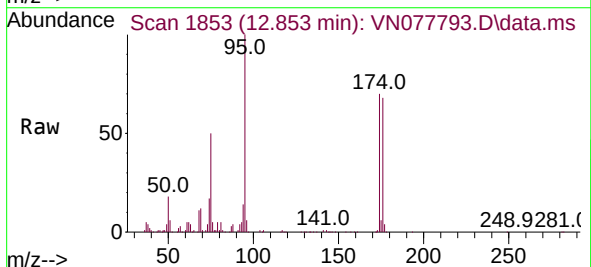
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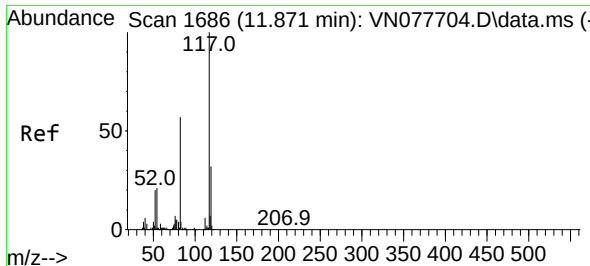
Tgt Ion: 98 Resp: 818343
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.203 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion: 95 Resp: 254789
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 69.9 0.0 135.8

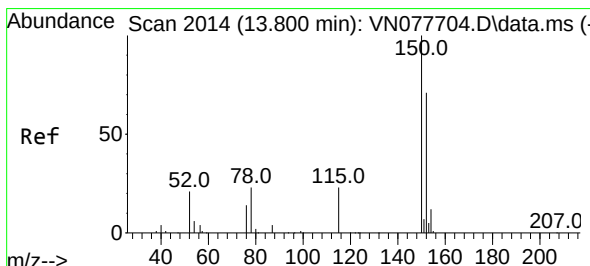
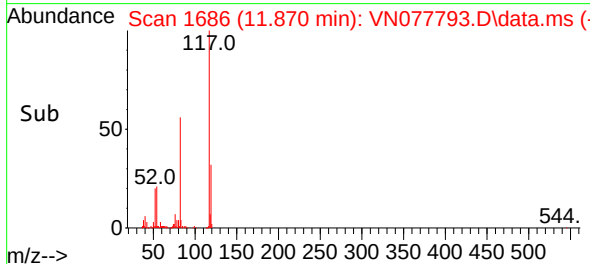
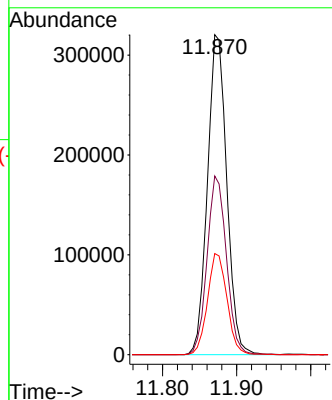
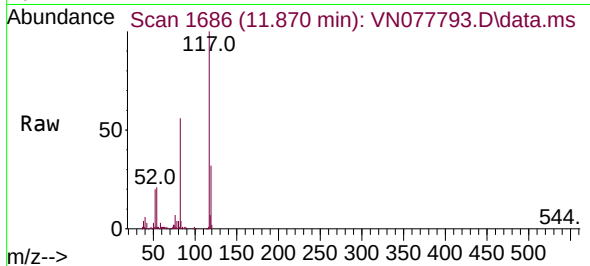




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518

Tgt Ion:117 Resp: 580306
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion:152 Resp: 182129
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 160.7 0.0 355.8

