

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN078002.D
 Acq On : 31 May 2023 18:55
 Operator : JC\MD
 Sample : 02973-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPRING-20230526

Quant Time: Jun 01 01:57:52 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	370752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	675784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	578109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	169410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	254159	45.816	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.640%
35) Dibromofluoromethane	8.177	113	221071	50.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.340%
50) Toluene-d8	10.576	98	824142	48.588	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.859	95	257331	42.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.920%

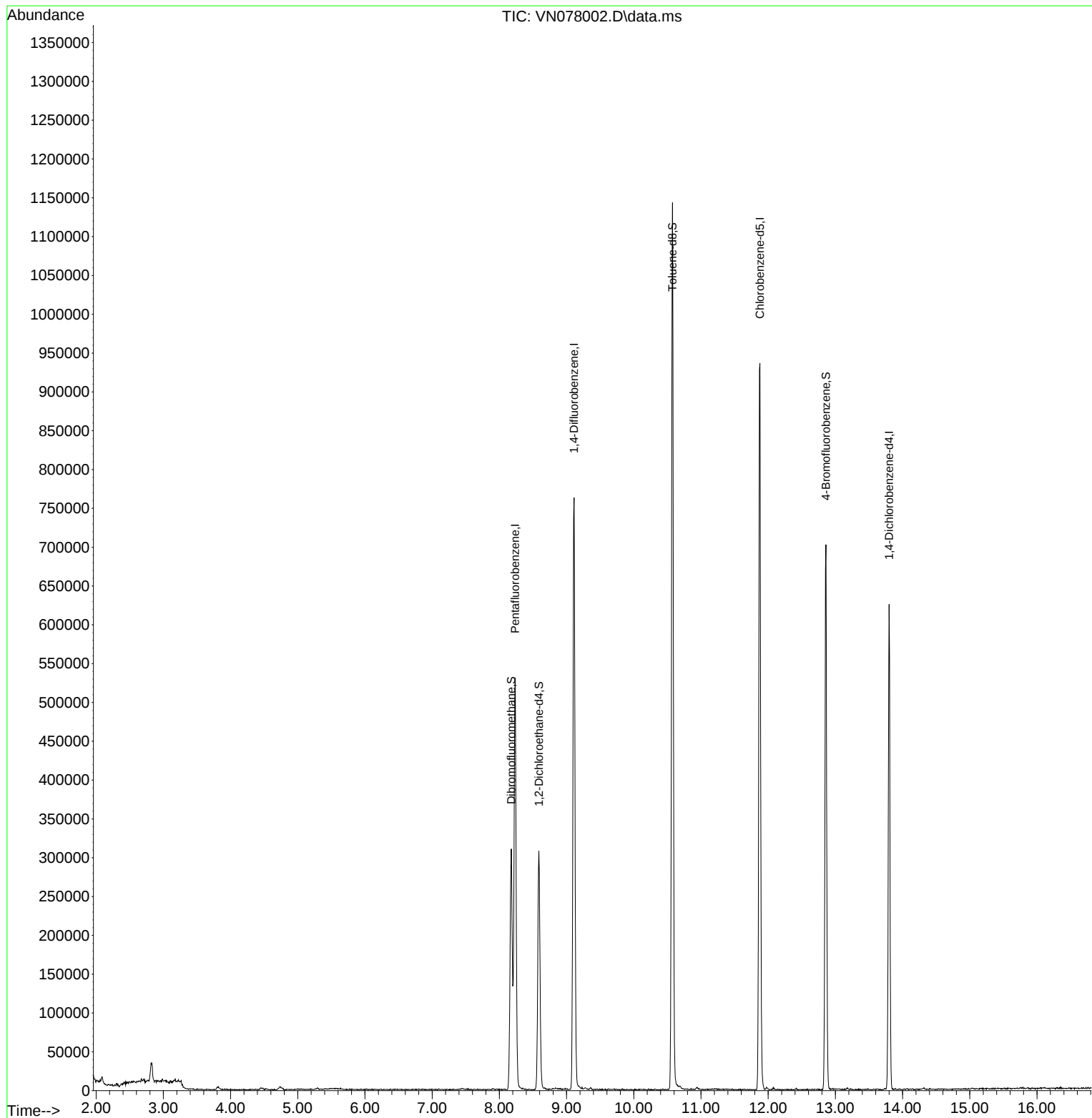
Target Compounds	Qvalue

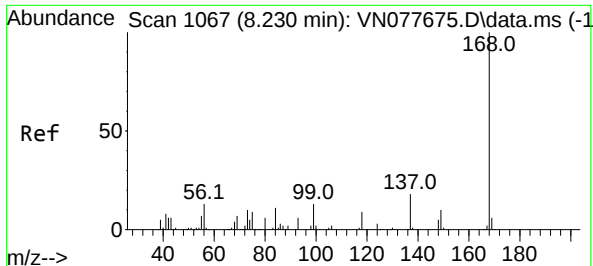
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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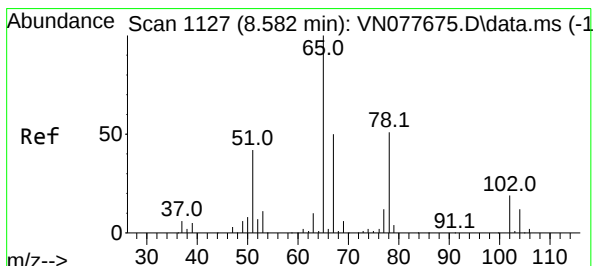
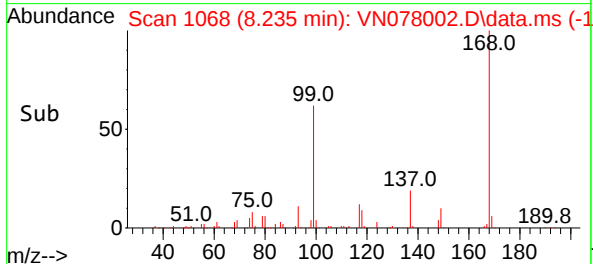
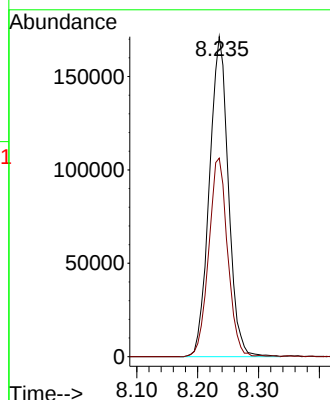
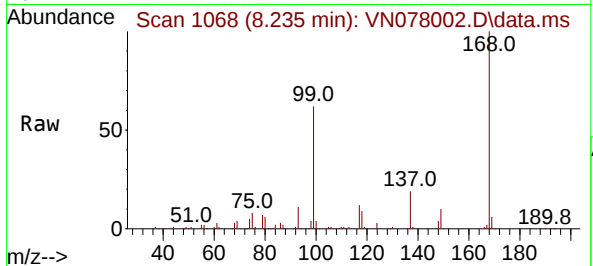




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078002.D
Acq: 31 May 2023 18:55

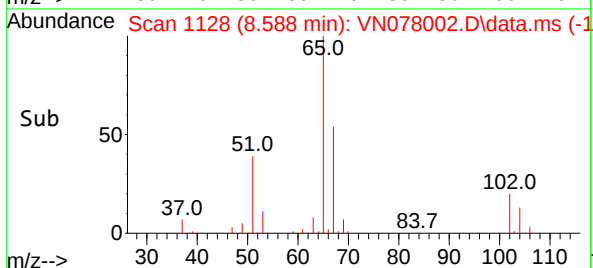
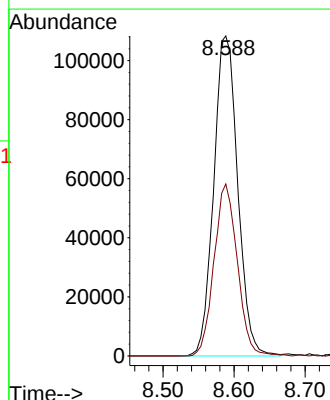
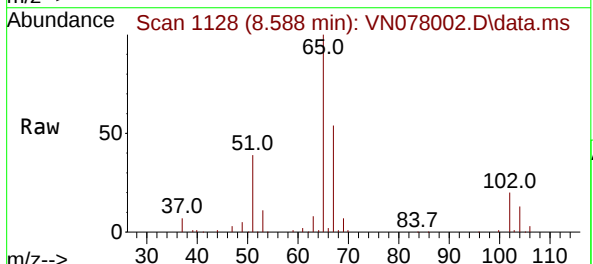
Instrument :
MSVOA_N
ClientSampleId :
SPRING-20230526

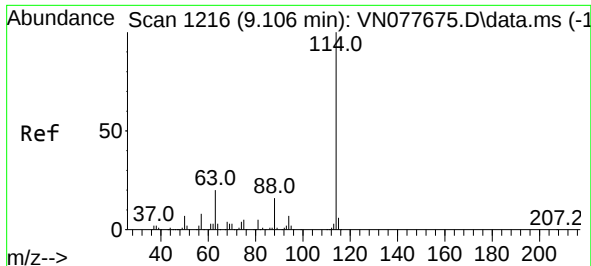
Tgt Ion:168 Resp: 370752
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.816 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078002.D
Acq: 31 May 2023 18:55

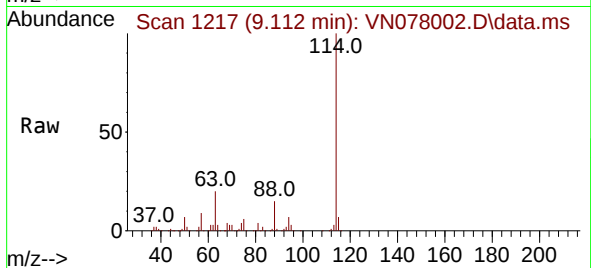
Tgt Ion: 65 Resp: 254159
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6



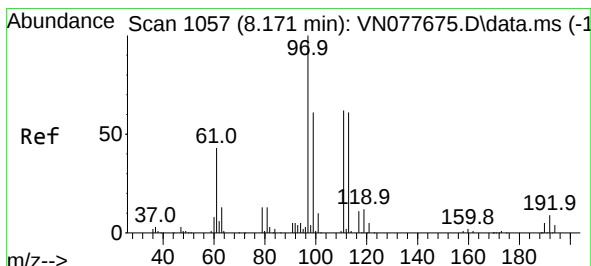
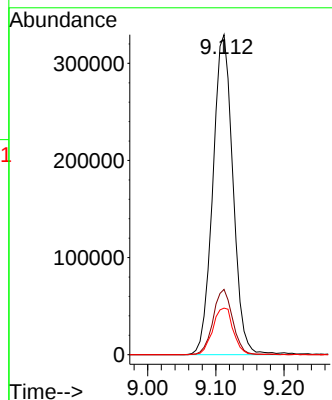
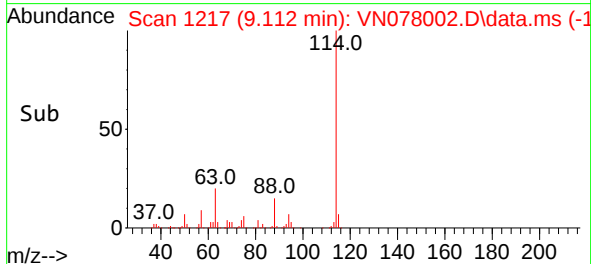


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078002.D
Acq: 31 May 2023 18:55

Instrument :
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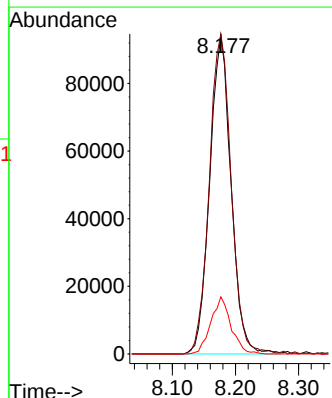
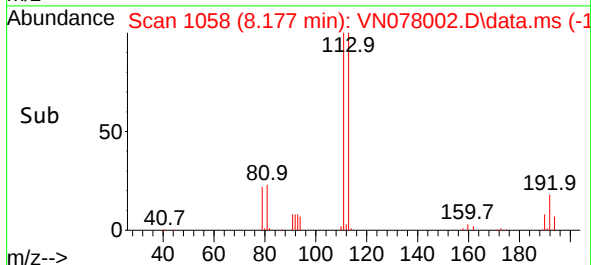
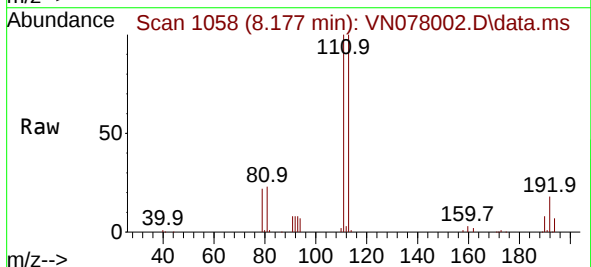


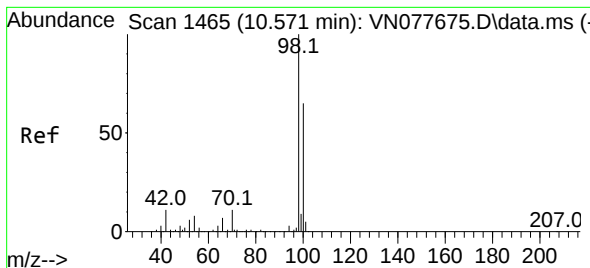
Tgt Ion:114 Resp: 675784
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.167 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078002.D
Acq: 31 May 2023 18:55

Tgt Ion:113 Resp: 221071
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.9 12.7 19.1





#50

Toluene-d8

Concen: 48.588 ug/l

RT: 10.576 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN078002.D

Acq: 31 May 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

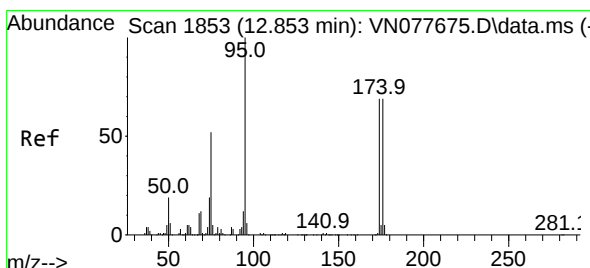
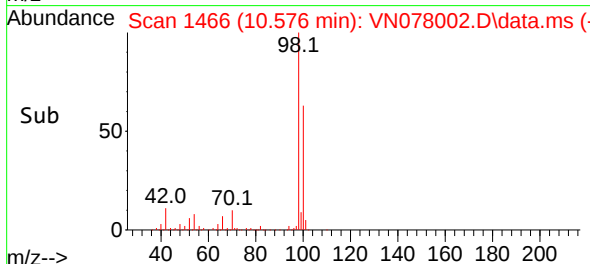
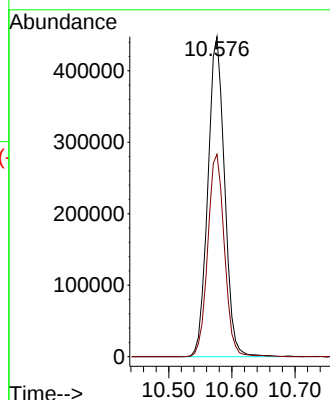
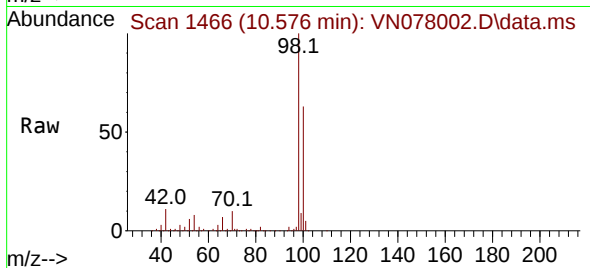
SPRING-20230526

Tgt Ion: 98 Resp: 824142

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.956 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN078002.D

Acq: 31 May 2023 18:55

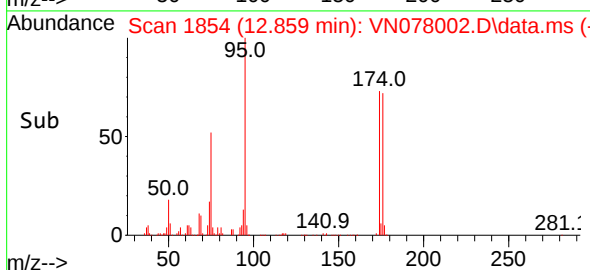
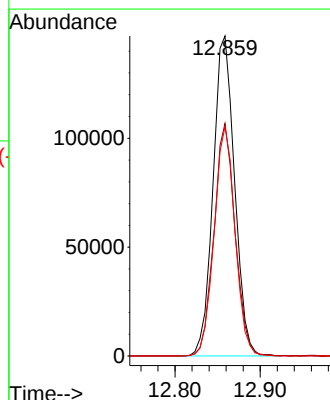
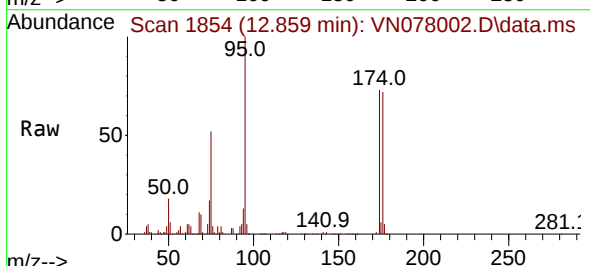
Tgt Ion: 95 Resp: 257331

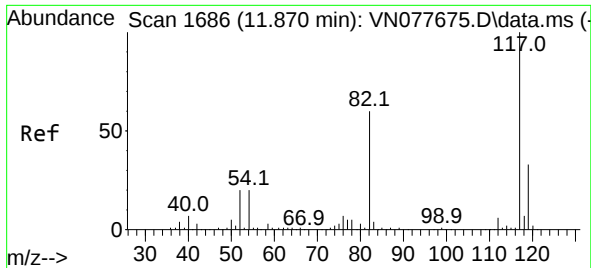
Ion Ratio Lower Upper

95 100

174 71.4 0.0 143.8

176 69.6 0.0 135.8

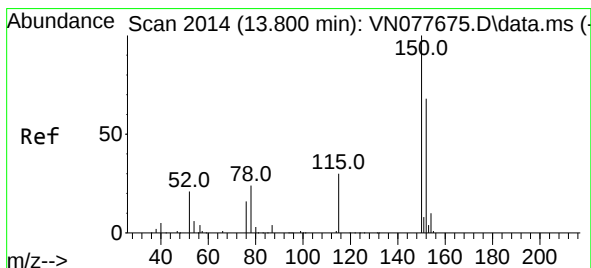
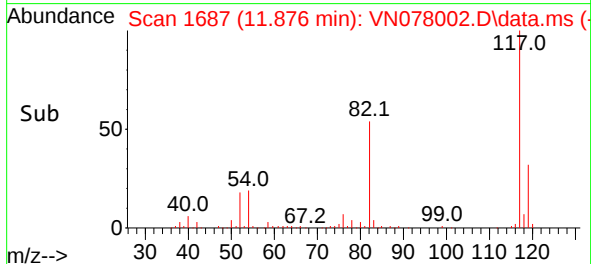
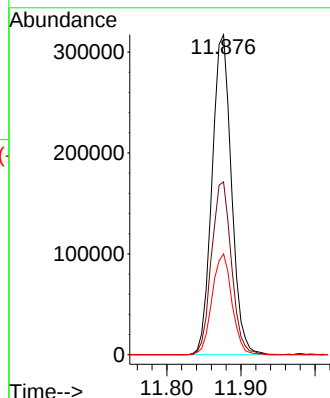
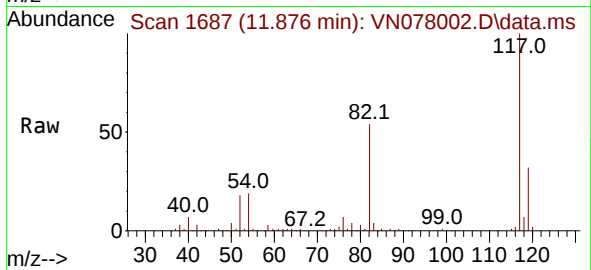




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN078002.D
Acq: 31 May 2023 18:55

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Tgt Ion:117 Resp: 578109
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.5 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: VN078002.D
Acq: 31 May 2023 18:55

Tgt Ion:152 Resp: 169410
Ion Ratio Lower Upper
152 100
115 58.8 32.3 96.8
150 153.7 0.0 355.8

