

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077979.D
 Acq On : 30 May 2023 19:03
 Operator : JC\MD
 Sample : 02910-04 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523

Quant Time: May 31 02:11:34 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	367251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	681069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	609889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	187863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263986	48.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.080%
35) Dibromofluoromethane	8.177	113	221854	49.954	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.576	98	861418	50.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.859	95	269010	44.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%

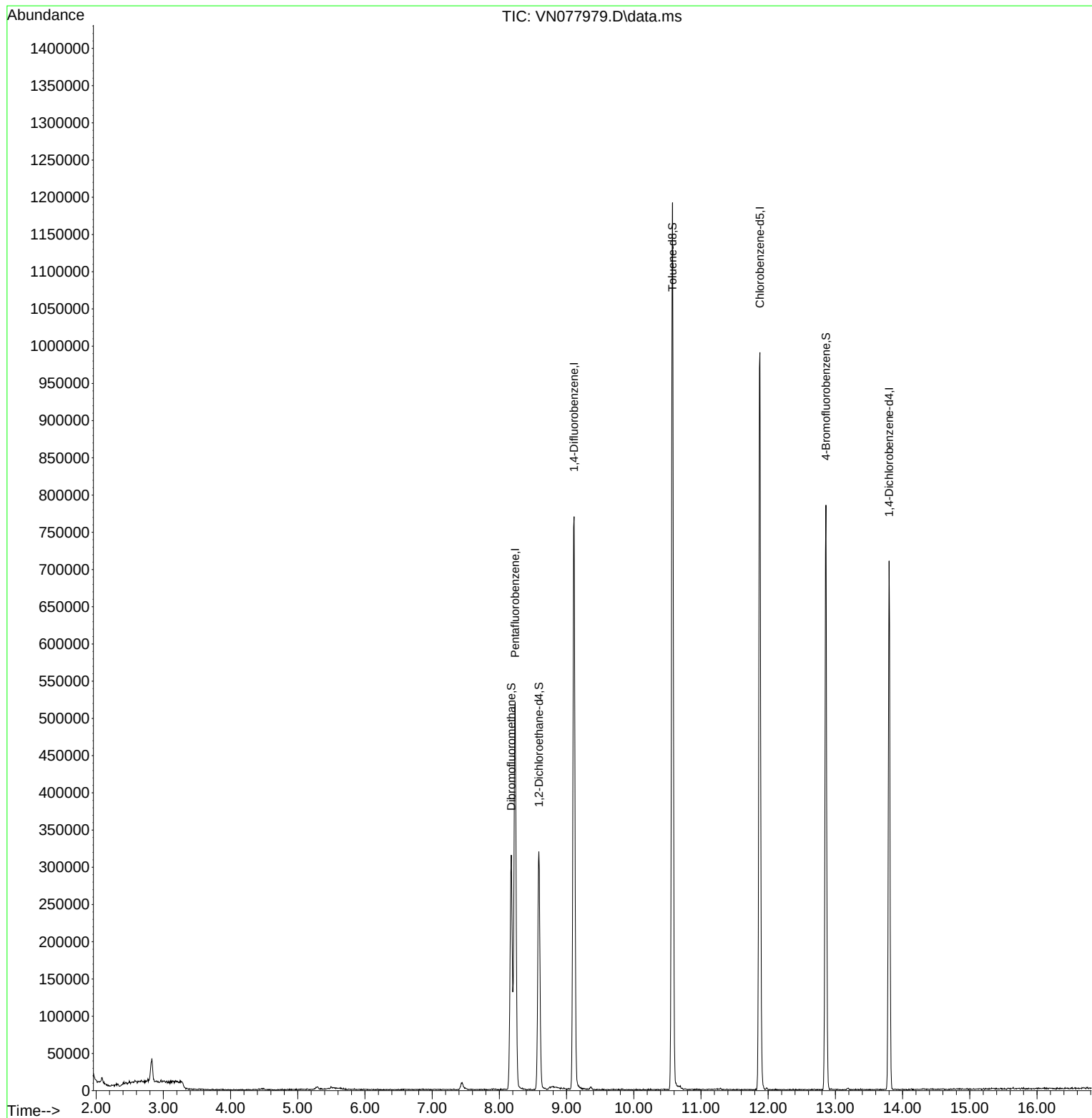
Target Compounds	Qvalue

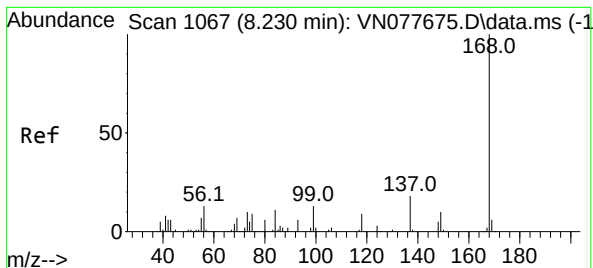
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
Data File : VN077979.D
Acq On : 30 May 2023 19:03
Operator : JC\MD
Sample : 02910-04 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

Quant Time: May 31 02:11:34 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

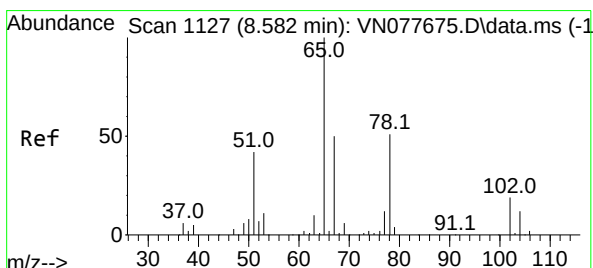
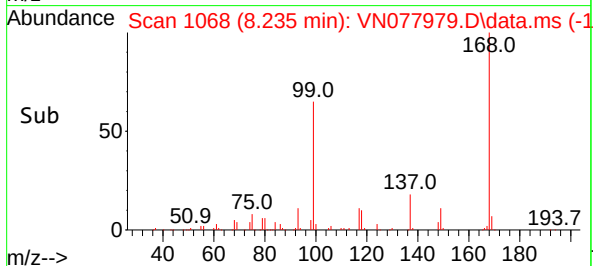
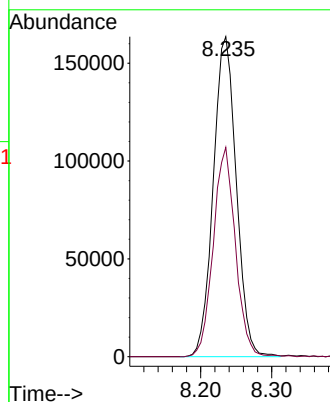
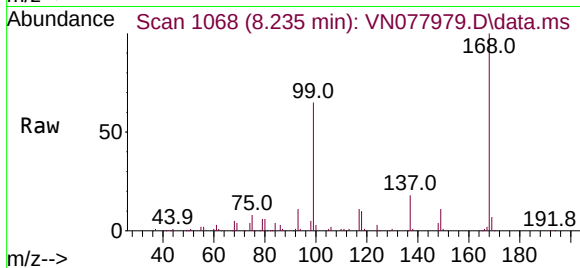




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

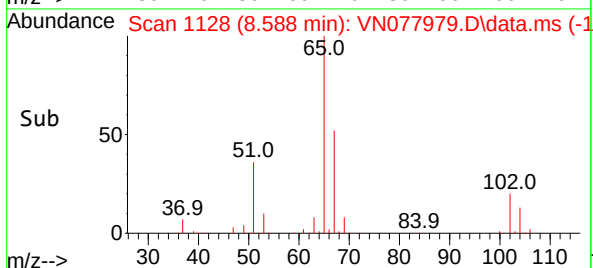
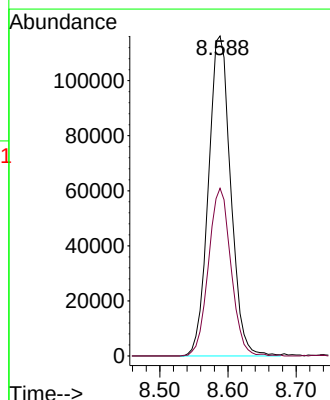
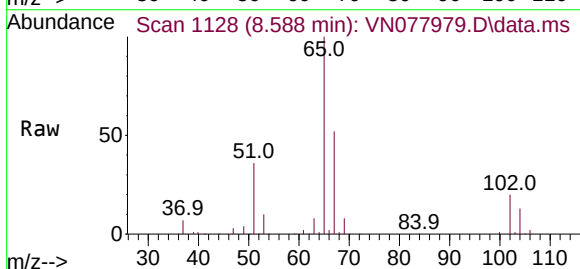
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

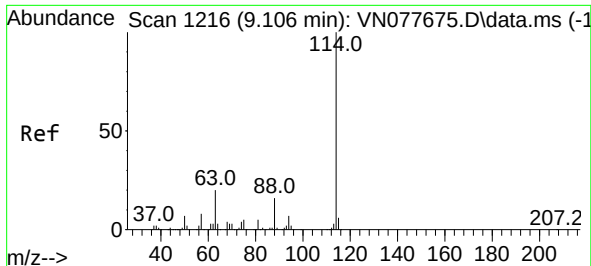
Tgt Ion:168 Resp: 367251
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.041 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion: 65 Resp: 263986
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

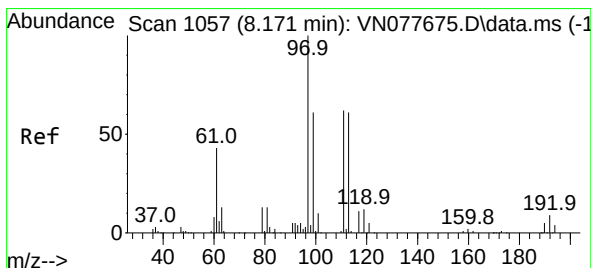
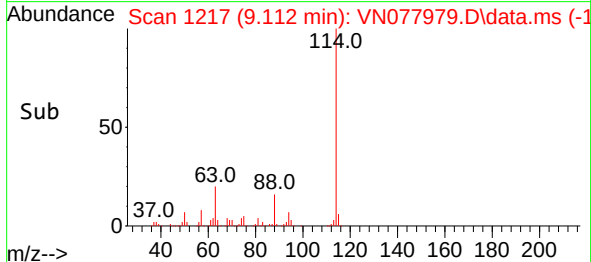
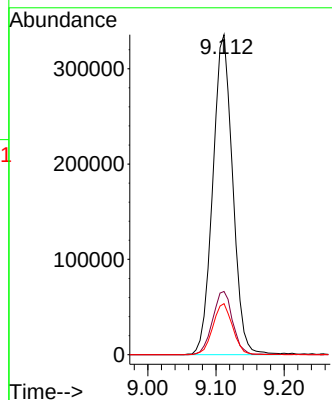
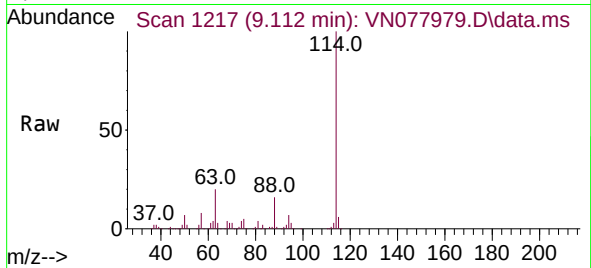




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

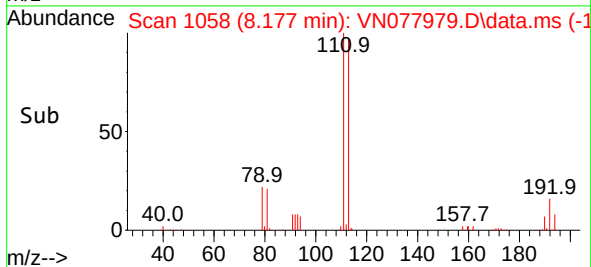
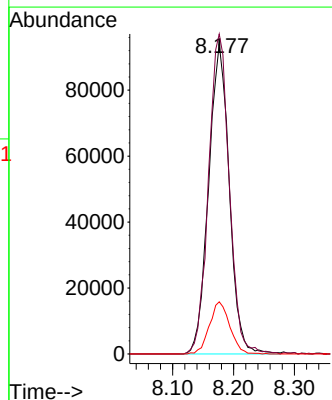
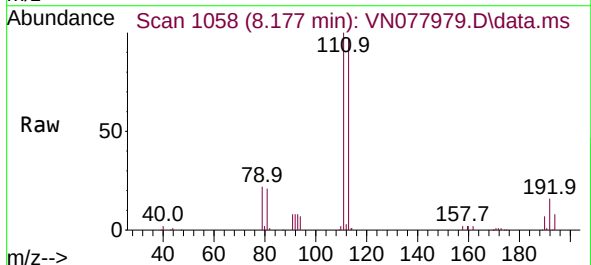
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

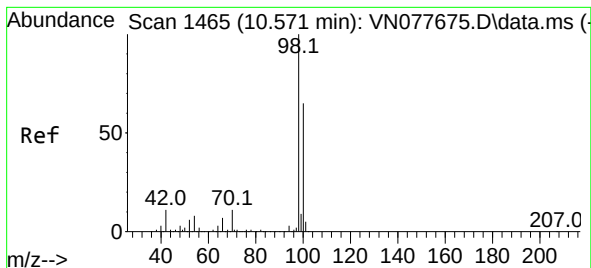
Tgt Ion:114 Resp: 681069
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.954 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion:113 Resp: 221854
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.6 12.7 19.1





#50

Toluene-d8

Concen: 50.392 ug/l

RT: 10.576 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN077979.D

Acq: 30 May 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

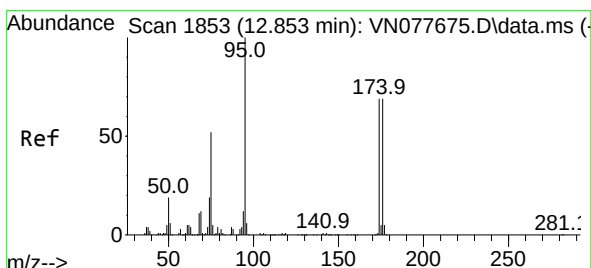
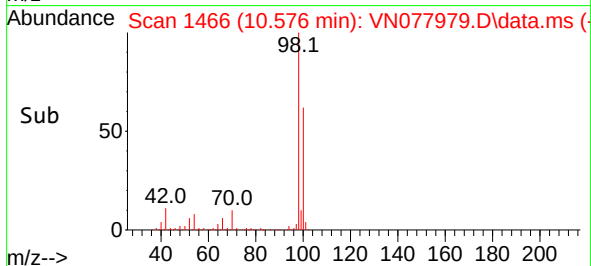
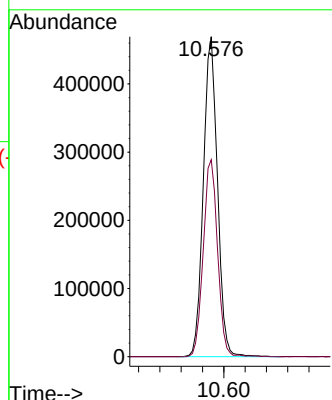
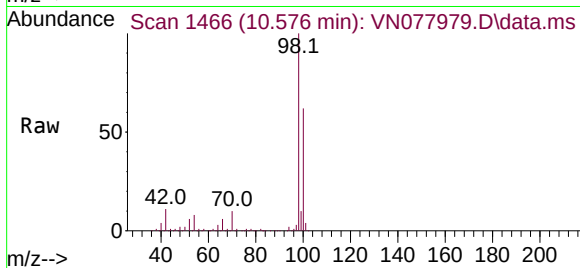
MW33S-20230523

Tgt Ion: 98 Resp: 861418

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.557 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077979.D

Acq: 30 May 2023 19:03

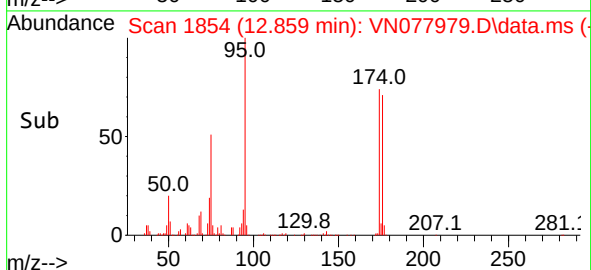
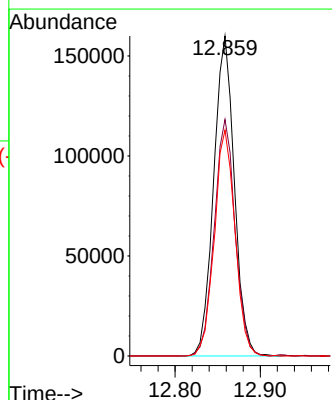
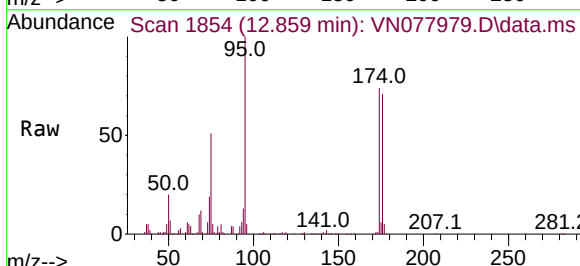
Tgt Ion: 95 Resp: 269010

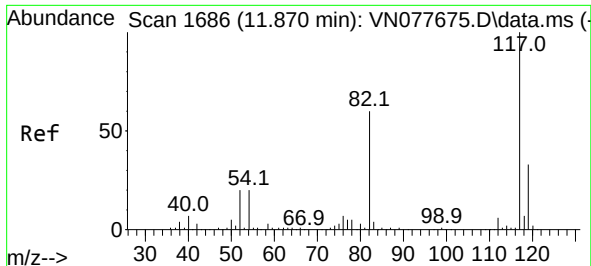
Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.8

176 70.7 0.0 135.8

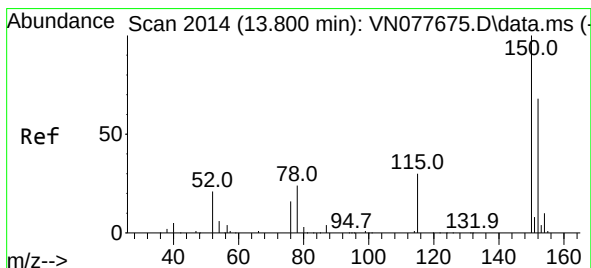
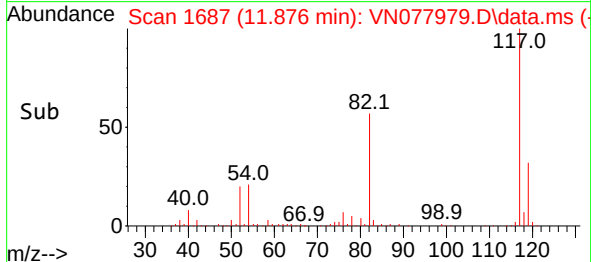
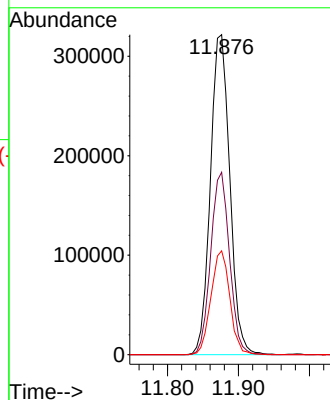
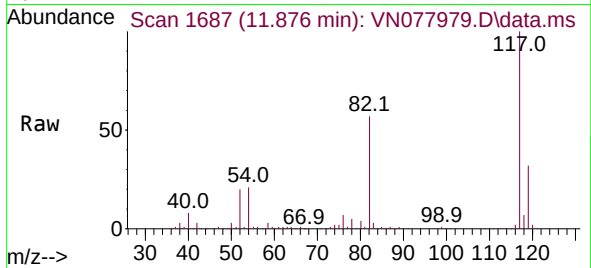




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

Tgt Ion:117 Resp: 609889
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.4 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: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion:152 Resp: 187863
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.6 0.0 355.8

