

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077716.D
 Acq On : 17 May 2023 16:07
 Operator : JC\MD
 Sample : 02831-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-2

Quant Time: May 18 01:39:50 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	8.230	168	357976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	653425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	246873	46.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.180%
35) Dibromofluoromethane	8.171	113	207670	48.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.571	98	811861	49.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.853	95	264734	45.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.400%

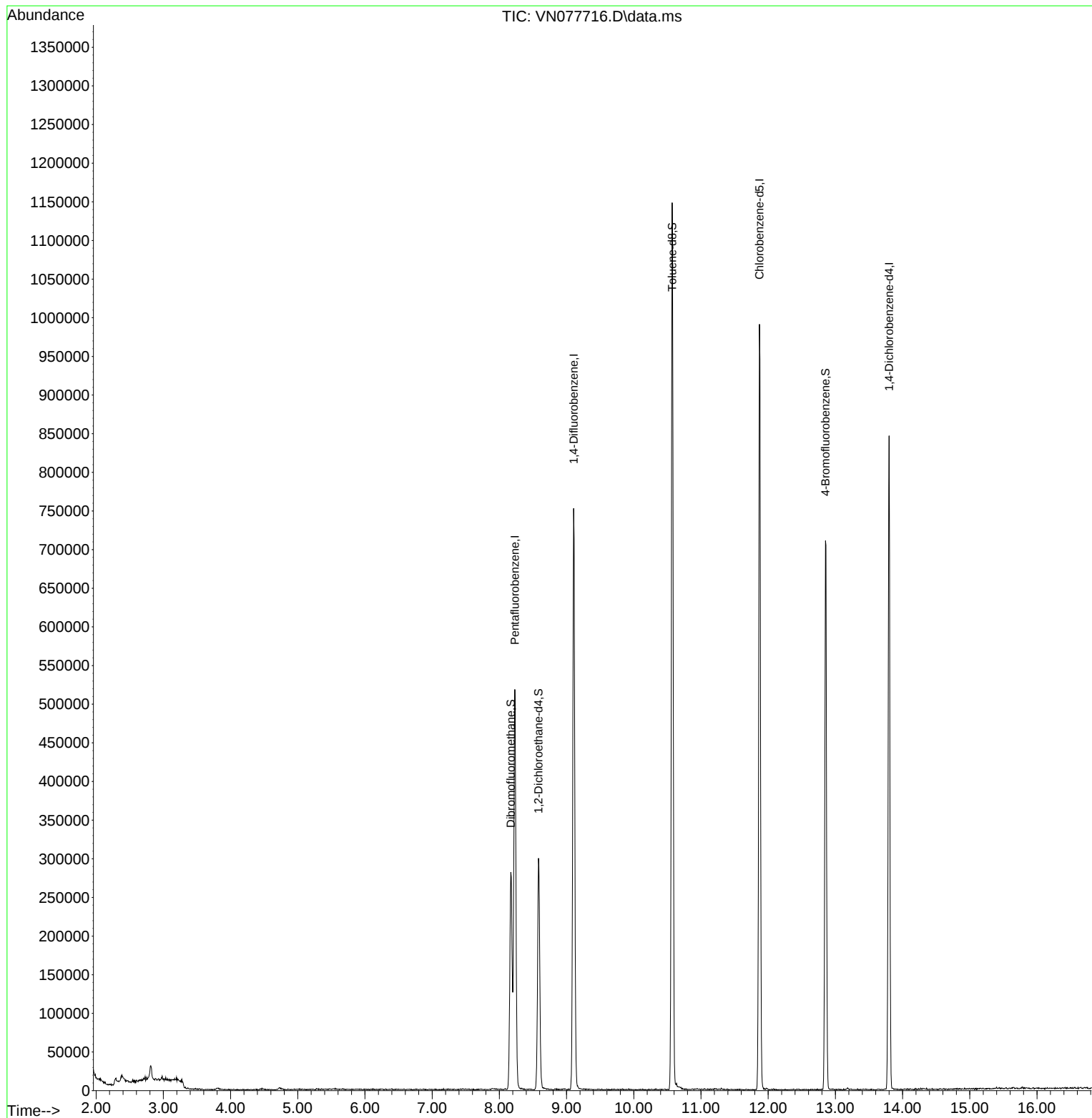
Target Compounds	Qvalue

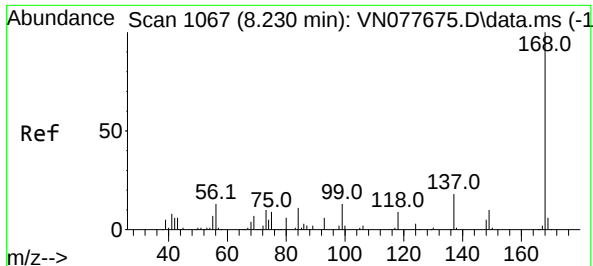
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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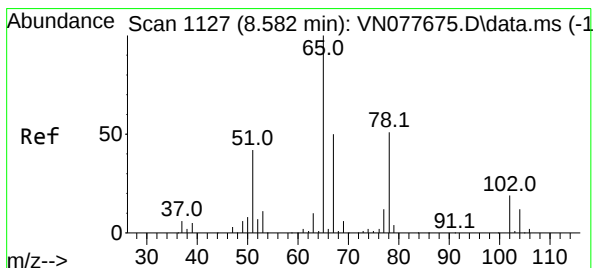
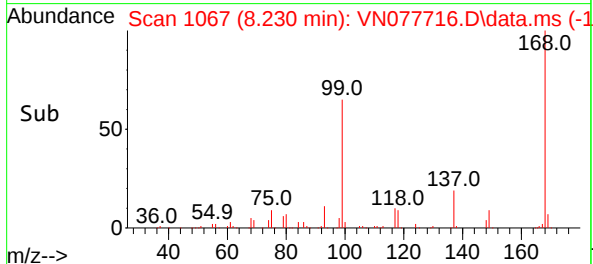
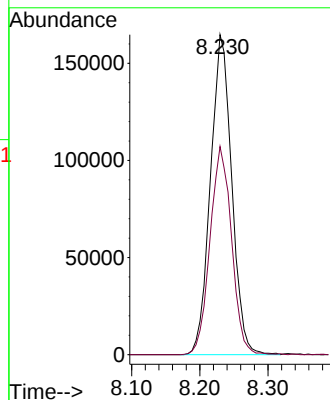
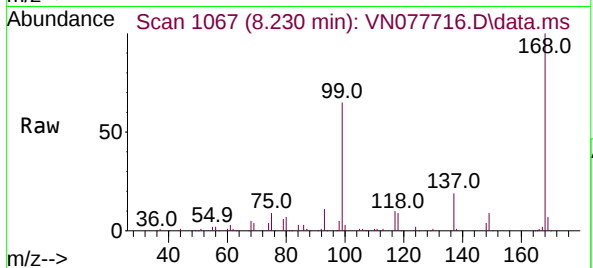




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077716.D
Acq: 17 May 2023 16:07

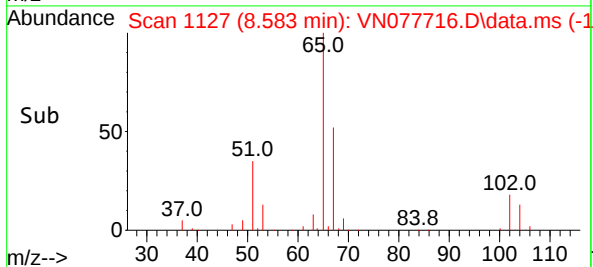
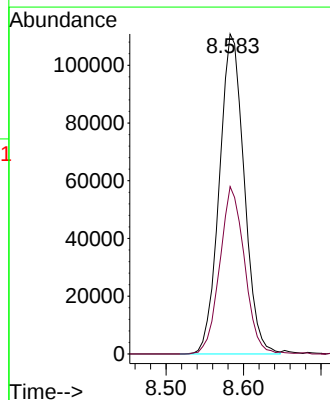
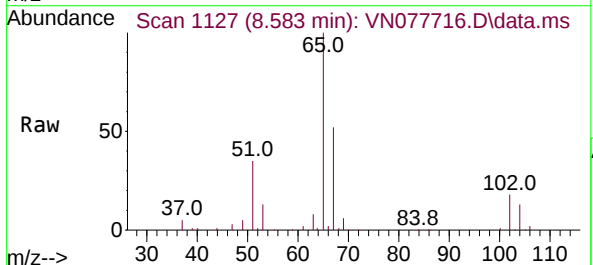
Instrument :
MSVOA_N
ClientSampleId :
MP-2

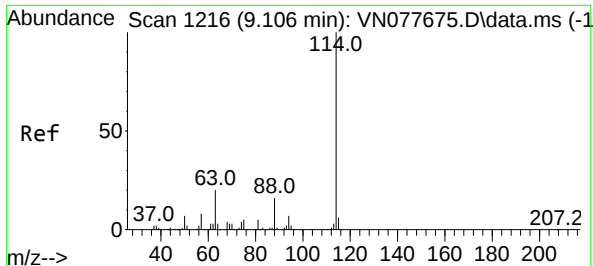
Tgt Ion:168 Resp: 357976
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.091 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077716.D
Acq: 17 May 2023 16:07

Tgt Ion: 65 Resp: 246873
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077716.D

Acq: 17 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MP-2

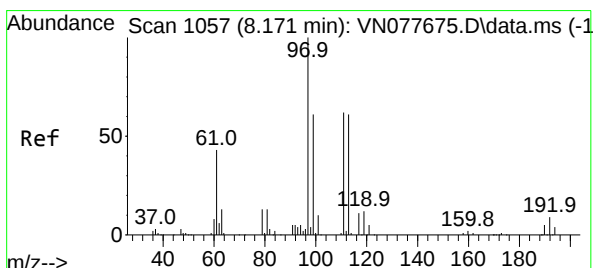
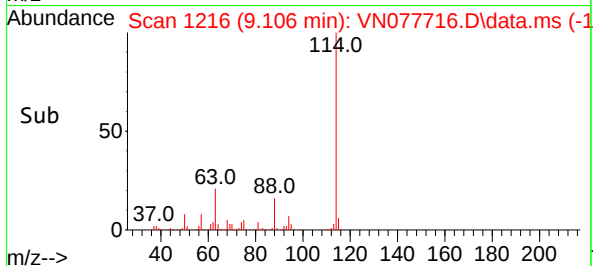
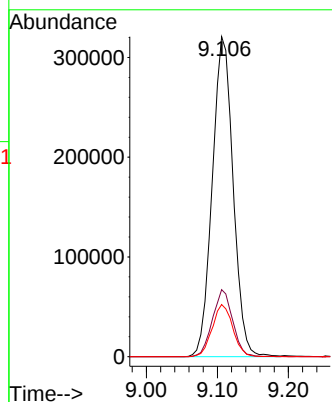
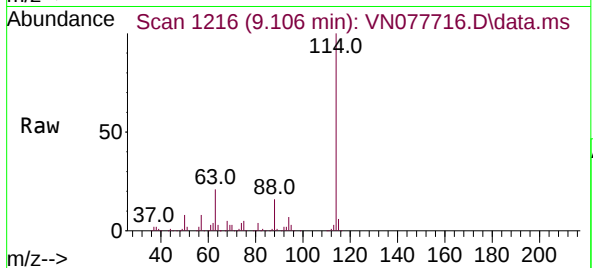
Tgt Ion:114 Resp: 653425

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077716.D

Acq: 17 May 2023 16:07

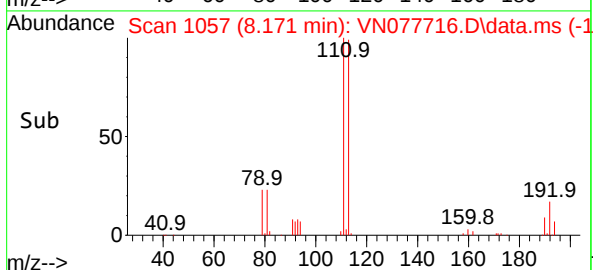
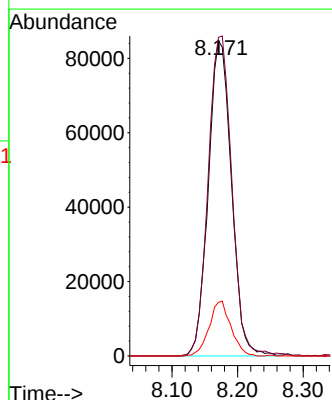
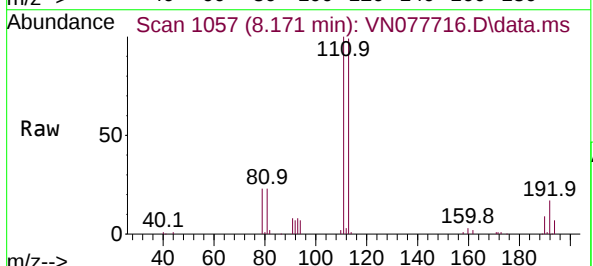
Tgt Ion:113 Resp: 207670

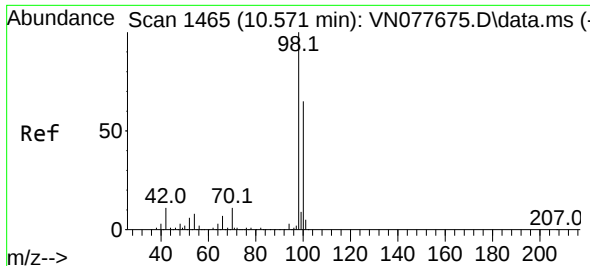
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 16.4 12.7 19.1

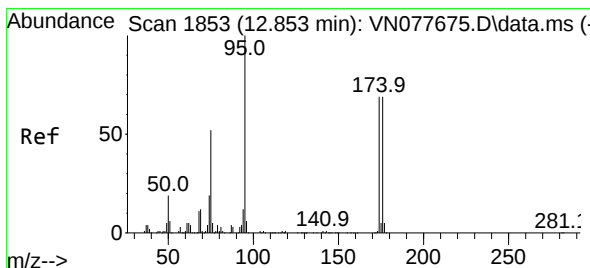
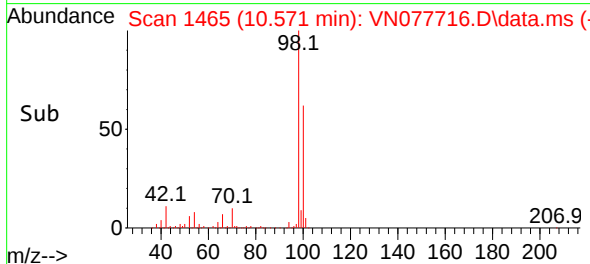
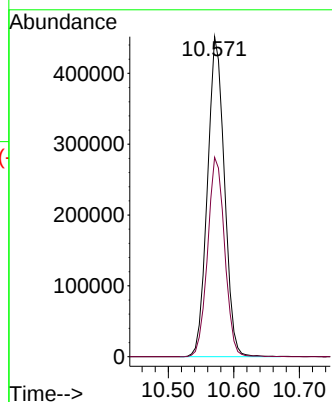
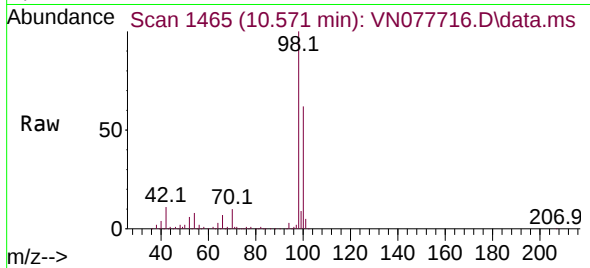




#50
Toluene-d8
Concen: 49.502 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077716.D
Acq: 17 May 2023 16:07

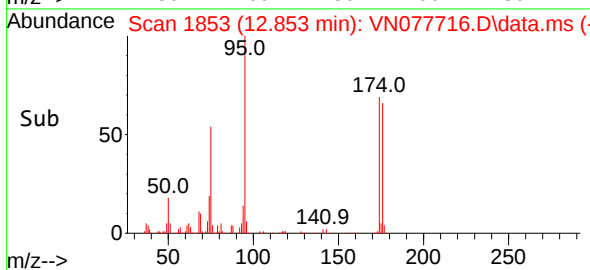
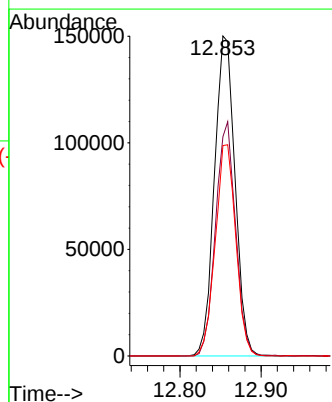
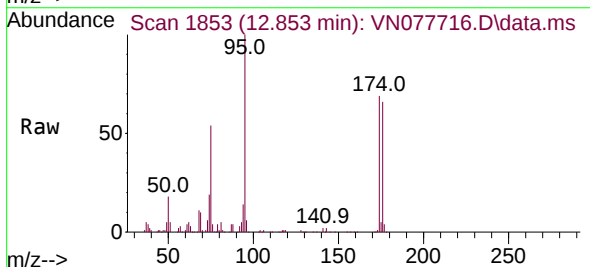
Instrument :
MSVOA_N
ClientSampleId :
MP-2

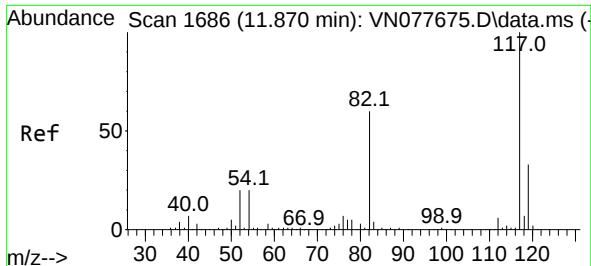
Tgt Ion: 98 Resp: 811861
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.704 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077716.D
Acq: 17 May 2023 16:07

Tgt Ion: 95 Resp: 264734
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.8
176 65.8 0.0 135.8

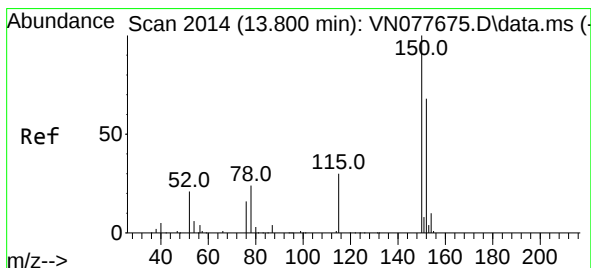
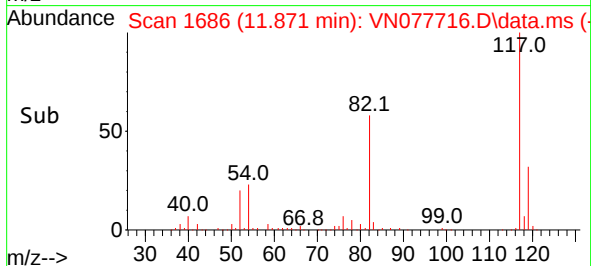
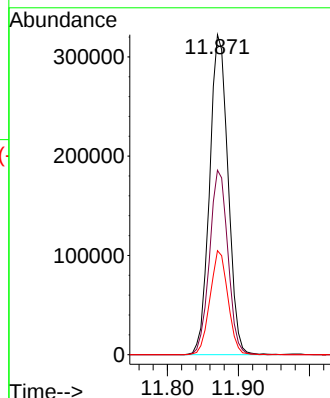
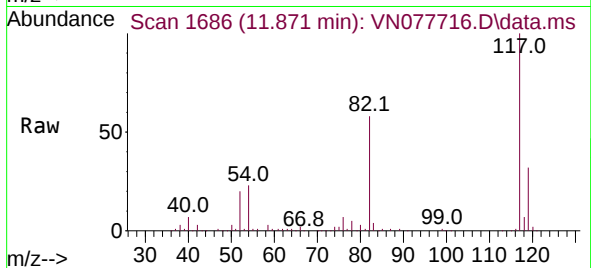




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077716.D
Acq: 17 May 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
MP-2

Tgt Ion:117 Resp: 579936
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.5 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: VN077716.D
Acq: 17 May 2023 16:07

Tgt Ion:152 Resp: 223983
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 157.0 0.0 355.8

