

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077721.D
 Acq On : 17 May 2023 18:06
 Operator : JC\MD
 Sample : 02831-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-6

Quant Time: May 18 01:40:35 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	8.236	168	354086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	651879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	581667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255226	48.174	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.340%
35) Dibromofluoromethane	8.177	113	207352	48.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	10.577	98	809683	49.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.853	95	263805	45.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%

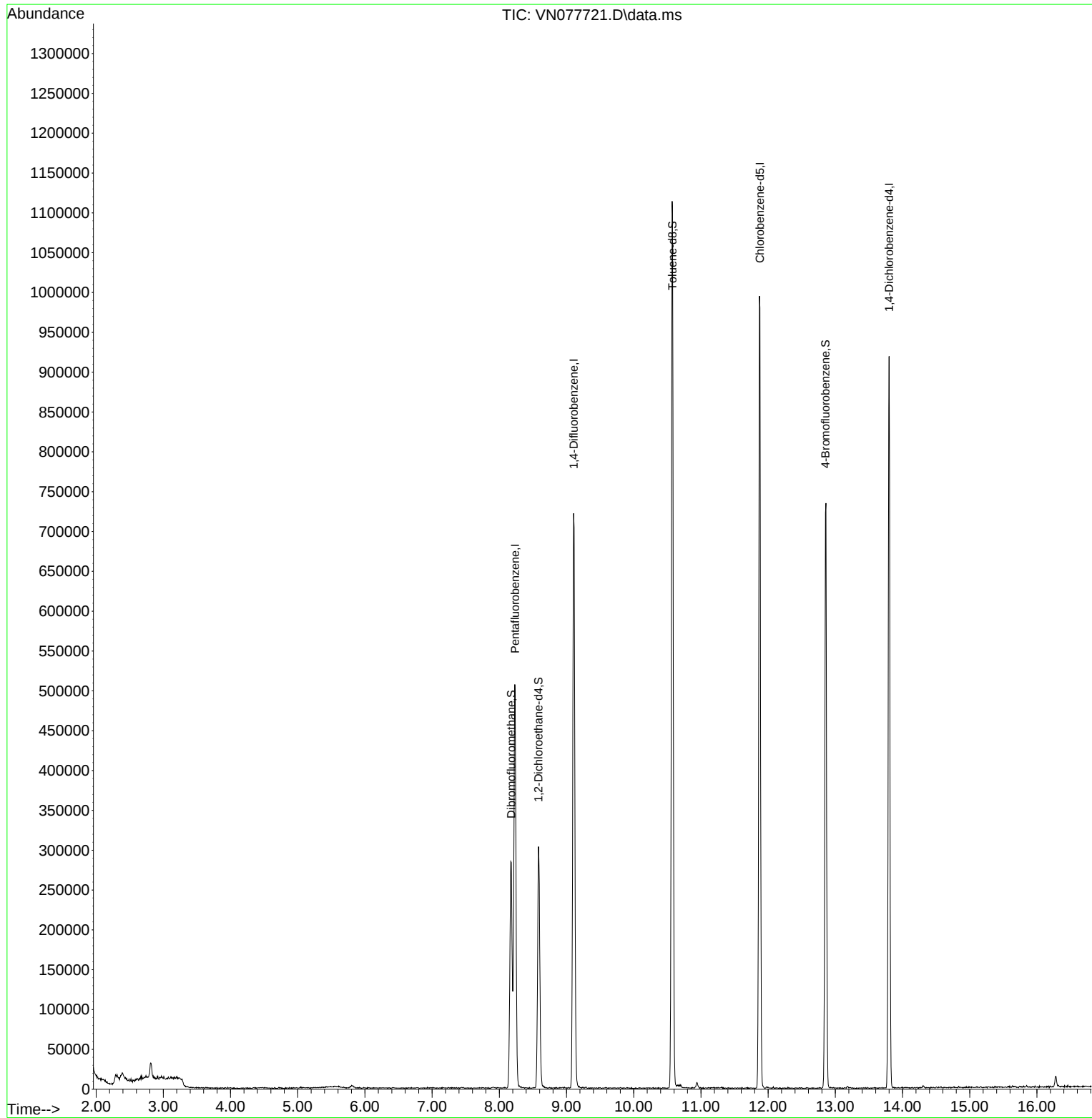
Target Compounds	Qvalue

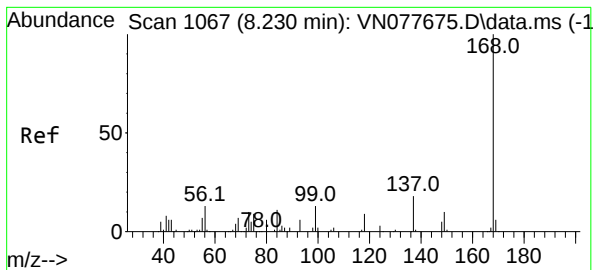
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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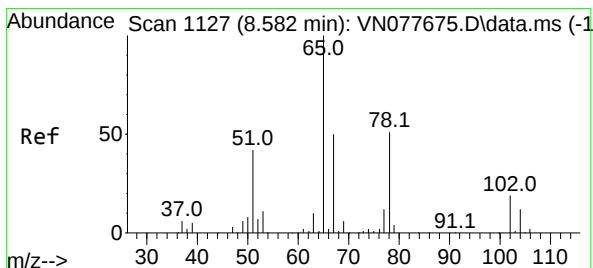
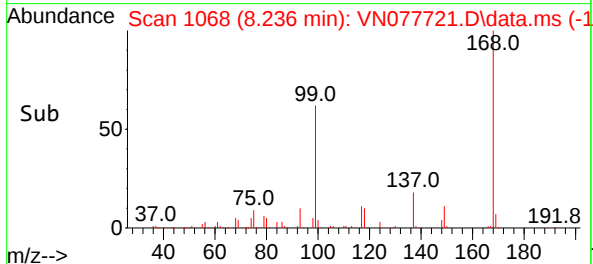
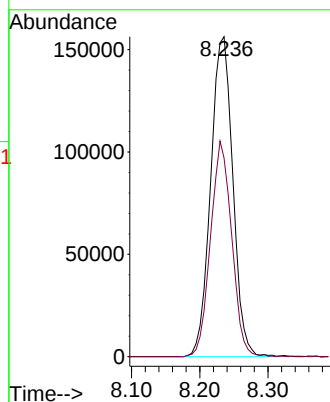
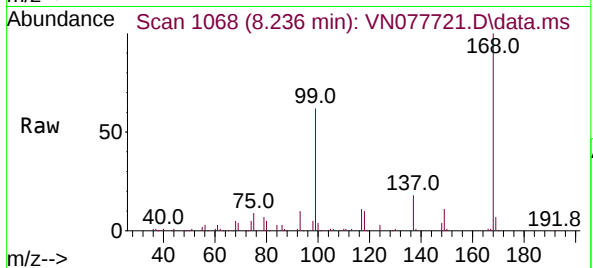




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

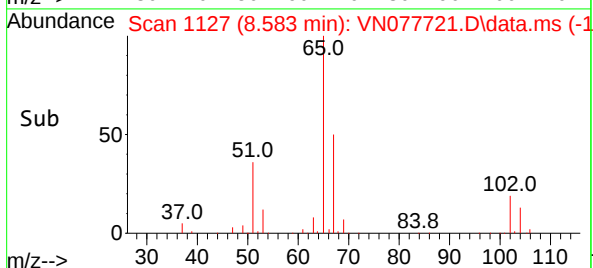
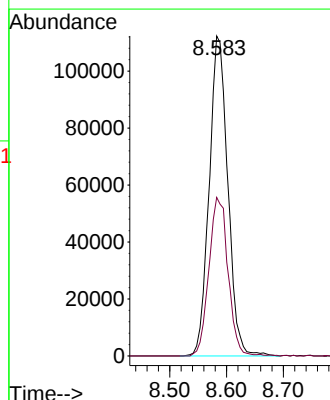
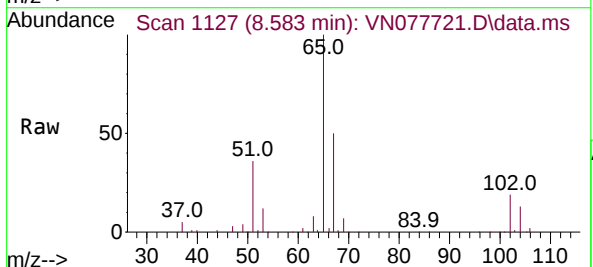
Instrument :
MSVOA_N
ClientSampleId :
MP-6

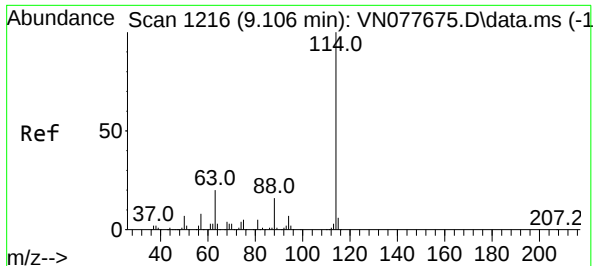
Tgt Ion:168 Resp: 354086
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.174 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 65 Resp: 255226
Ion Ratio Lower Upper
65 100
67 51.0 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: VN077721.D

Acq: 17 May 2023 18:06

Instrument :

MSVOA_N

ClientSampleId :

MP-6

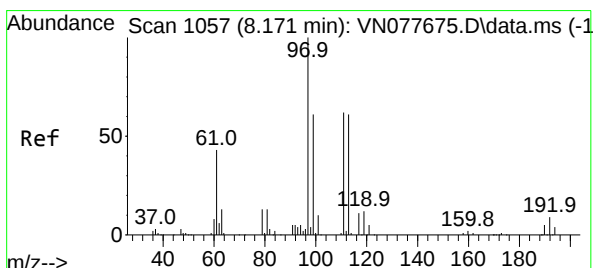
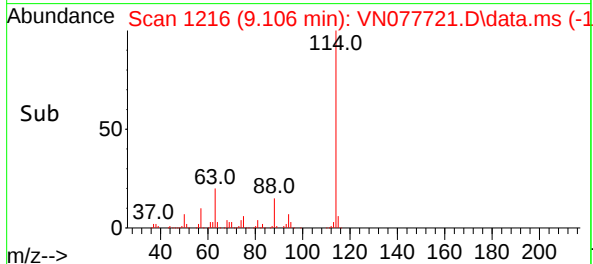
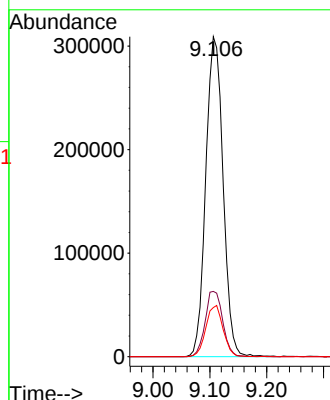
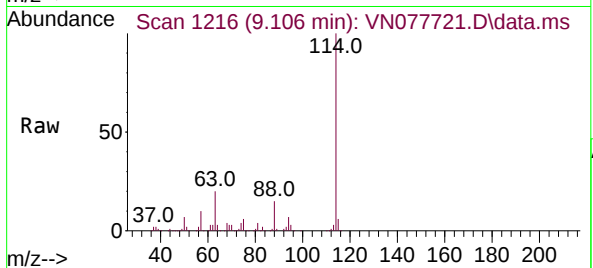
Tgt Ion:114 Resp: 651879

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.779 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077721.D

Acq: 17 May 2023 18:06

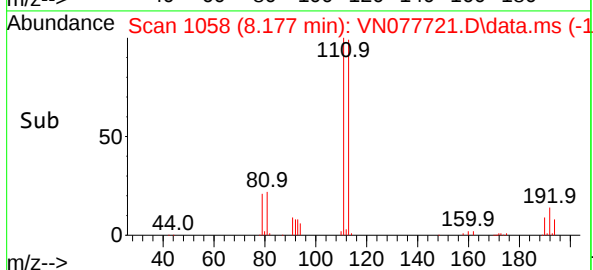
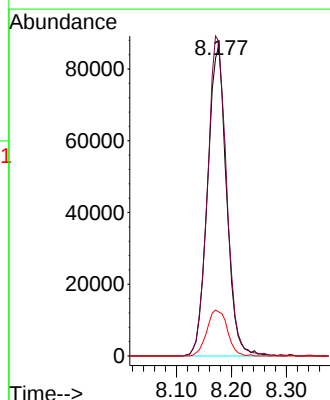
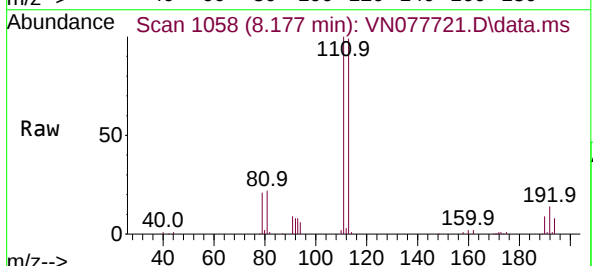
Tgt Ion:113 Resp: 207352

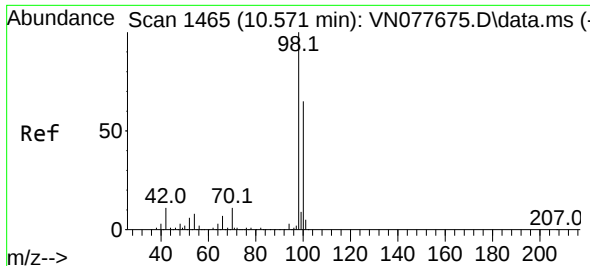
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.0 12.7 19.1

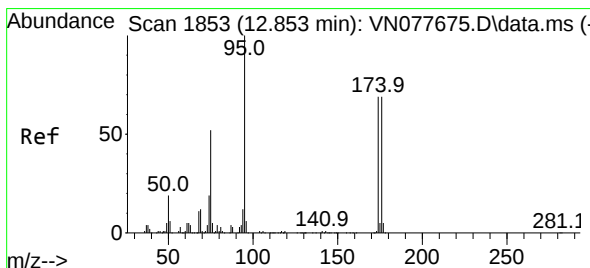
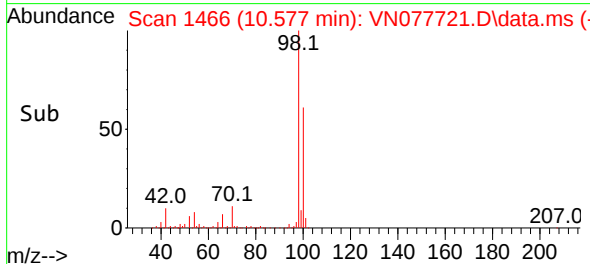
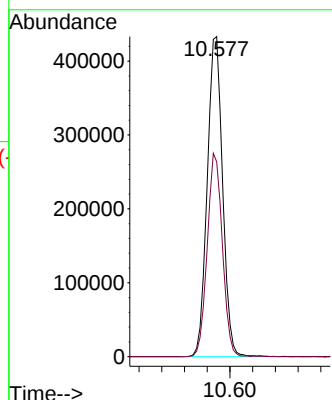
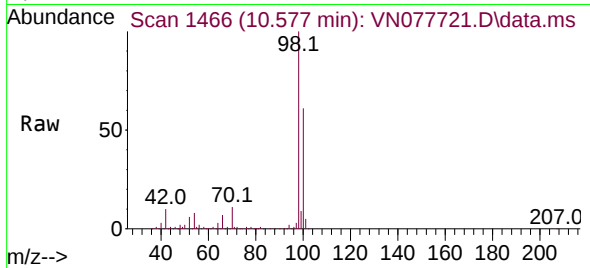




#50
Toluene-d8
Concen: 49.486 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

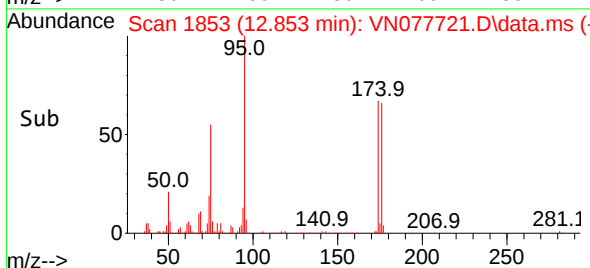
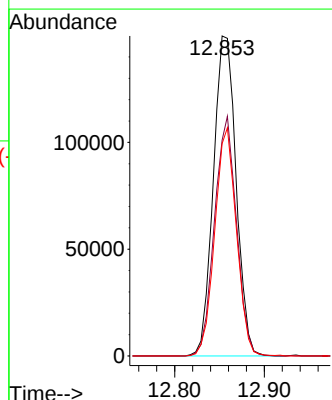
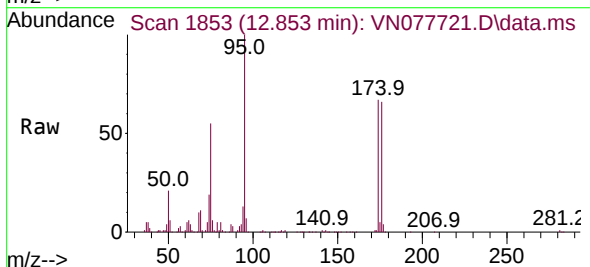
Instrument :
MSVOA_N
ClientSampleId :
MP-6

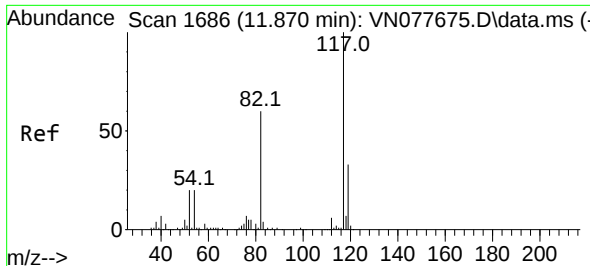
Tgt Ion: 98 Resp: 809683
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.652 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 95 Resp: 263805
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 67.8 0.0 135.8

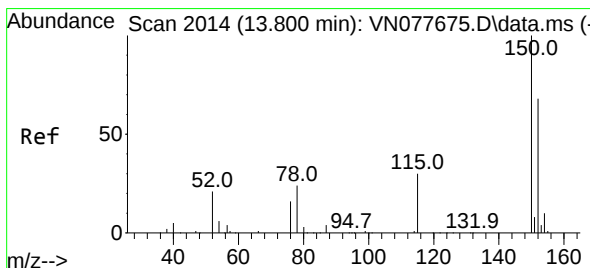
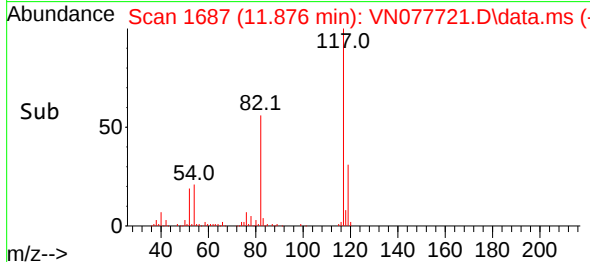
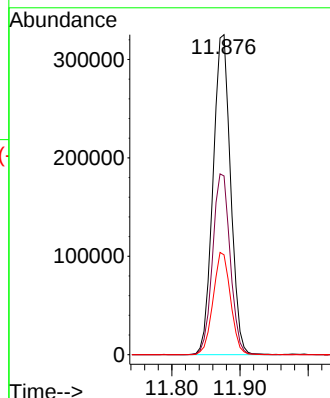
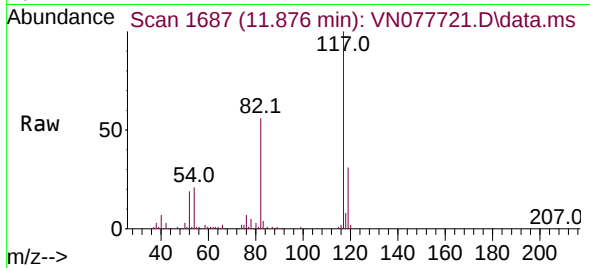




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Instrument :
MSVOA_N
ClientSampleId :
MP-6

Tgt Ion:117 Resp: 581667
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 31.2 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: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion:152 Resp: 239012
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 159.5 0.0 355.8

