

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077753.D
 Acq On : 19 May 2023 10:33
 Operator : JC\MD
 Sample : VN0519MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBL01

Quant Time: May 19 23:53:03 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	361214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	566894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	205898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	240315	44.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.920%
35) Dibromofluoromethane	8.177	113	206746	48.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.571	98	787382	47.965	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.853	95	244936	42.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.500%

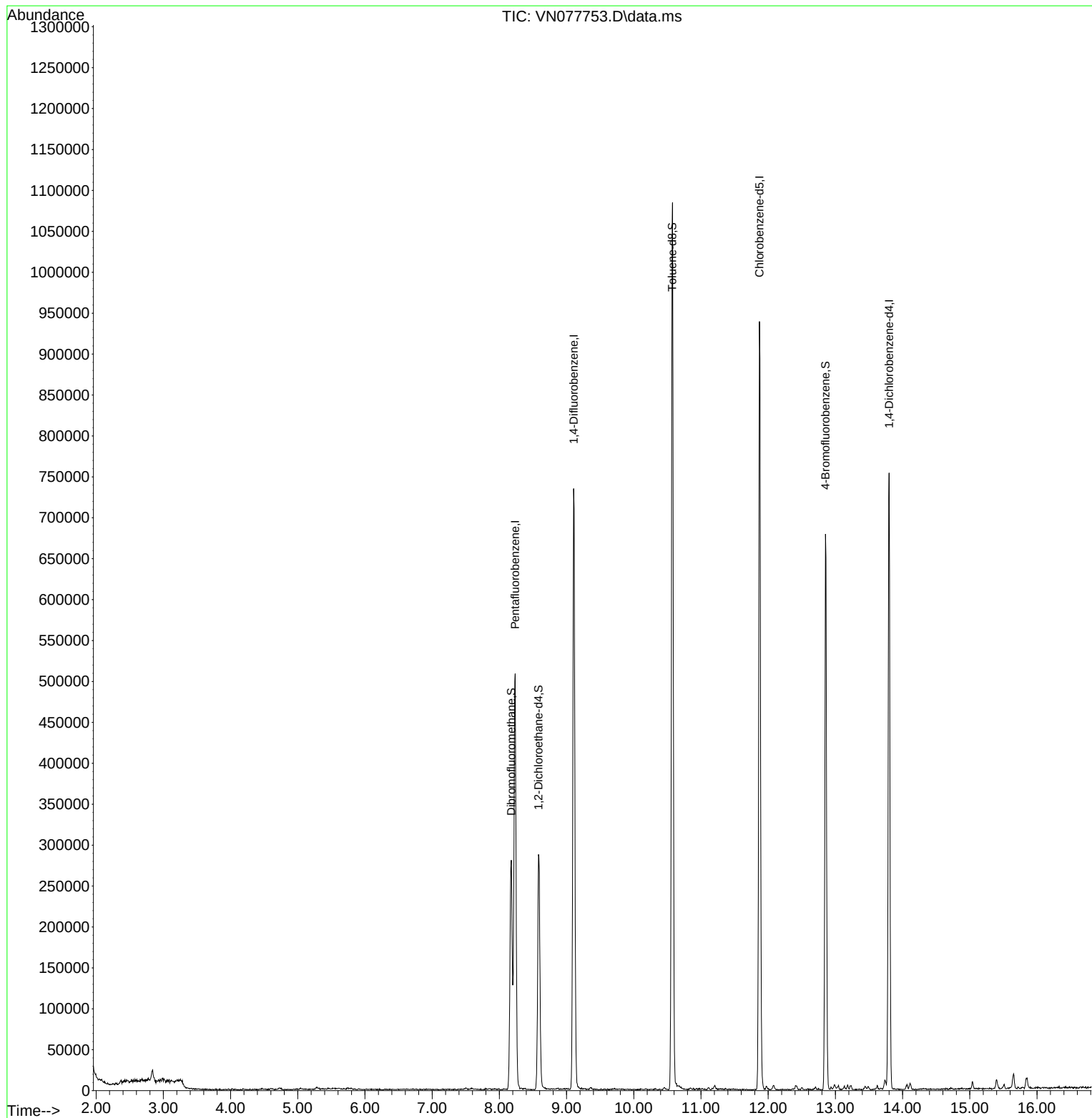
Target Compounds	Qvalue

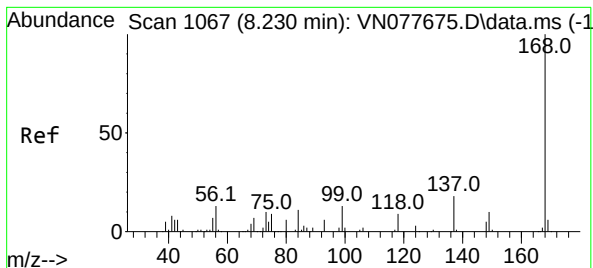
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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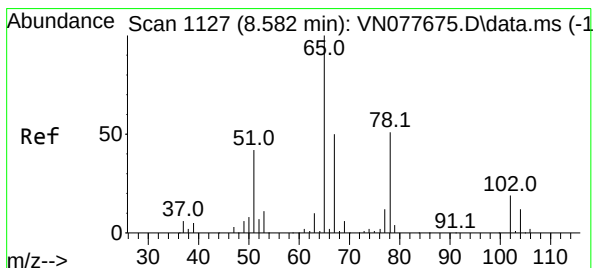
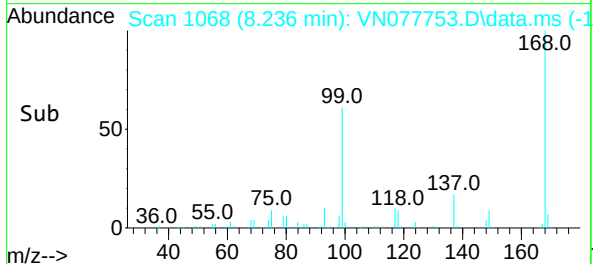
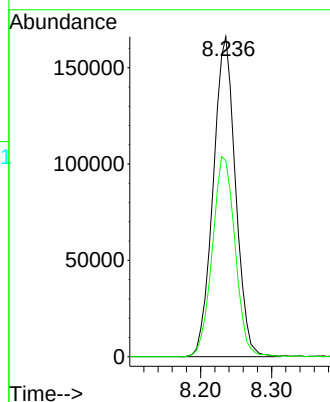
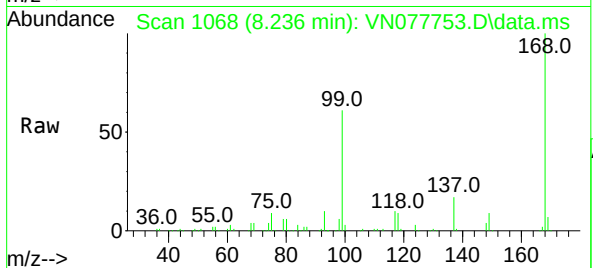




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077753.D
Acq: 19 May 2023 10:33

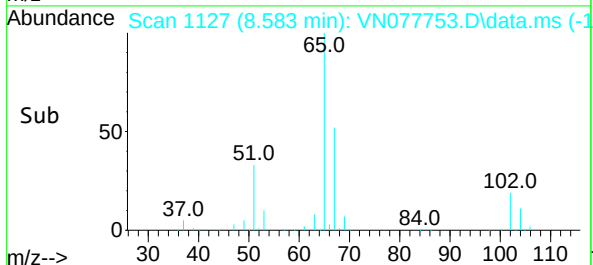
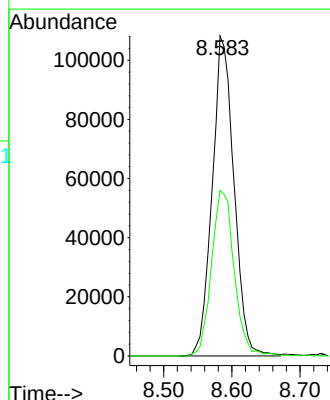
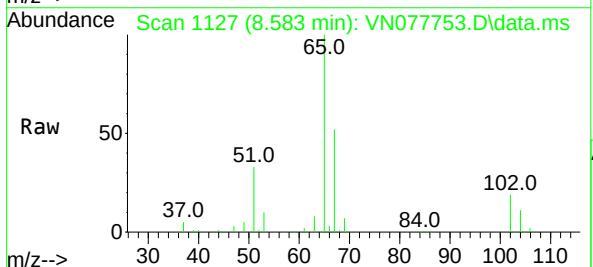
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBL01

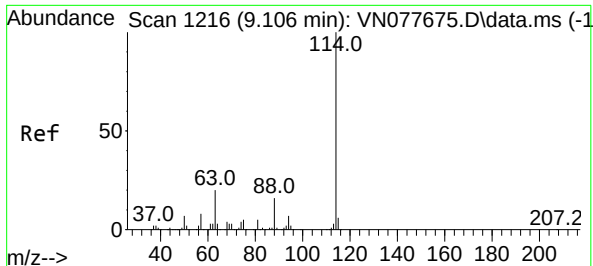
Tgt Ion:168 Resp: 361214
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.464 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077753.D
Acq: 19 May 2023 10:33

Tgt Ion: 65 Resp: 240315
Ion Ratio Lower Upper
65 100
67 54.0 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: VN077753.D

Acq: 19 May 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBL01

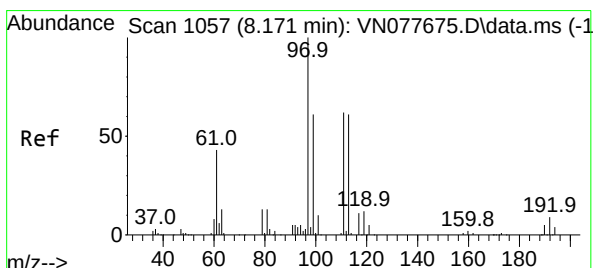
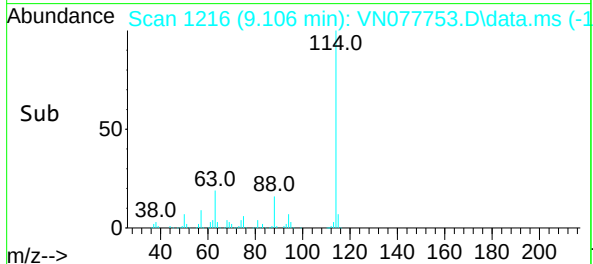
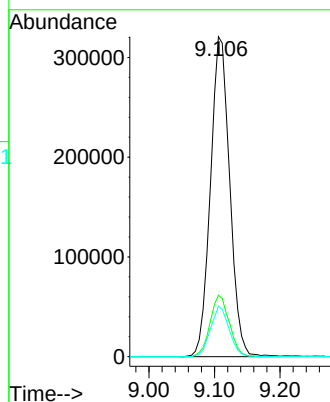
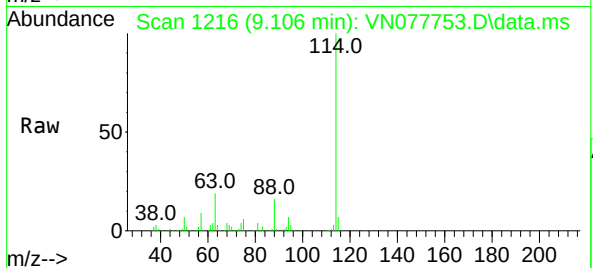
Tgt Ion:114 Resp: 654032

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.477 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077753.D

Acq: 19 May 2023 10:33

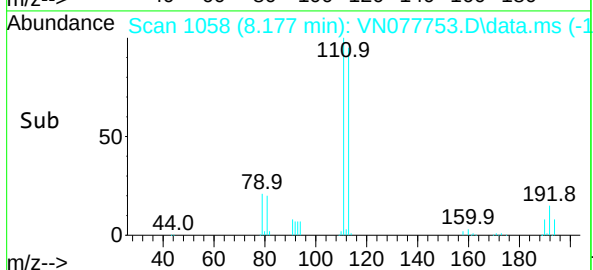
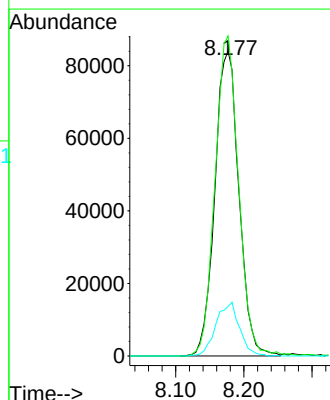
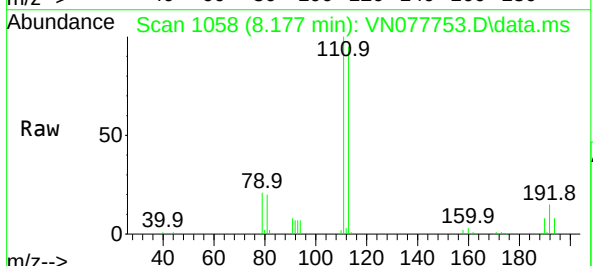
Tgt Ion:113 Resp: 206746

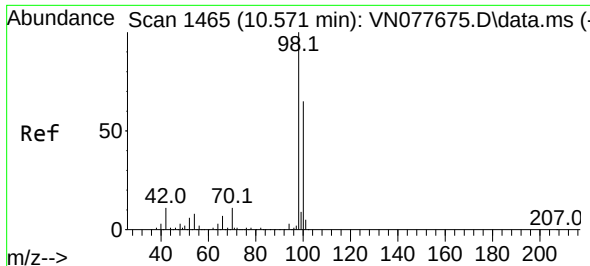
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.2 12.7 19.1

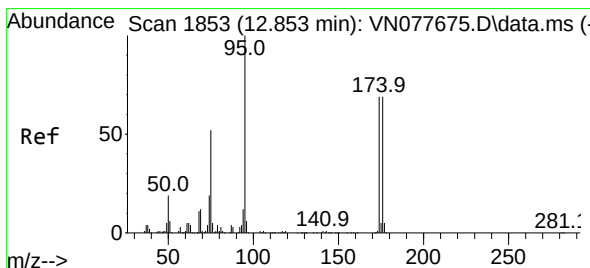
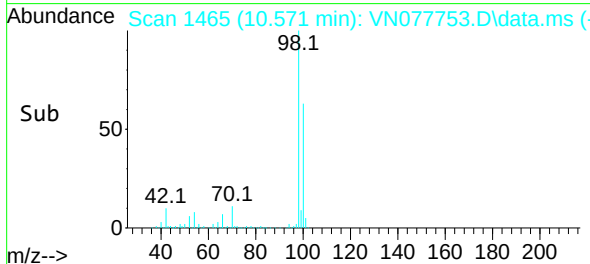
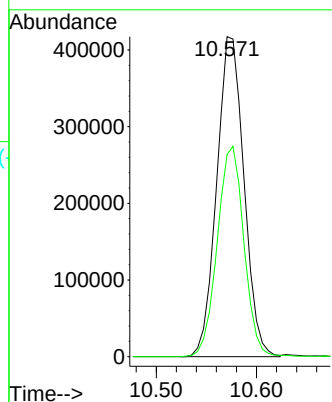
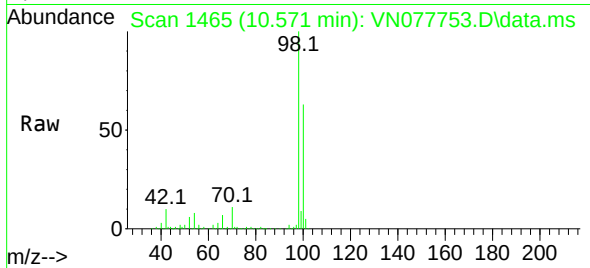




#50
Toluene-d8
Concen: 47.965 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077753.D
Acq: 19 May 2023 10:33

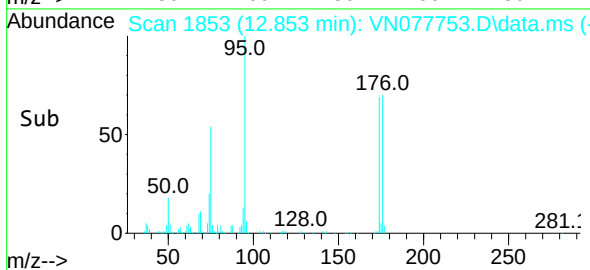
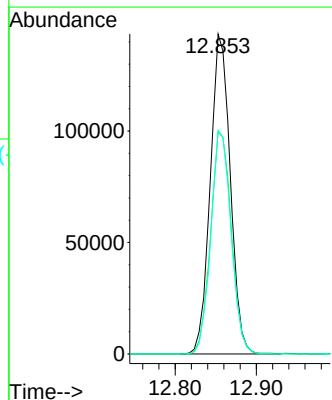
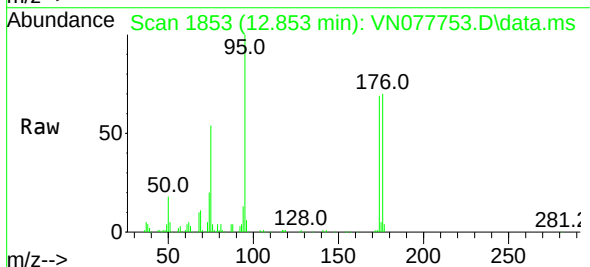
Instrument :
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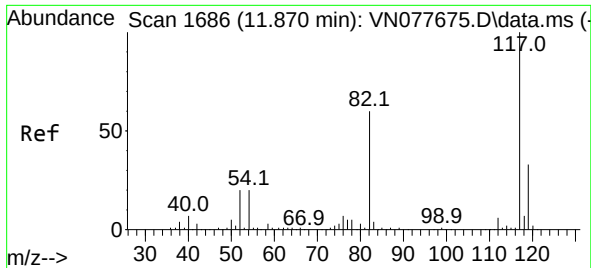
Tgt Ion: 98 Resp: 787382
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.247 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077753.D
Acq: 19 May 2023 10:33

Tgt Ion: 95 Resp: 244936
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.7 0.0 135.8

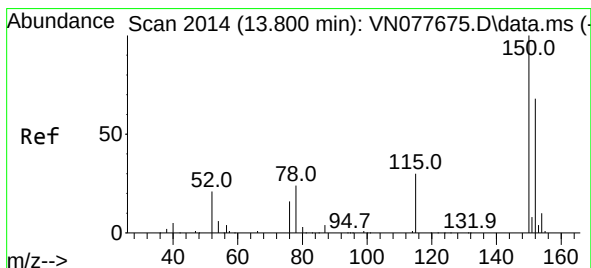
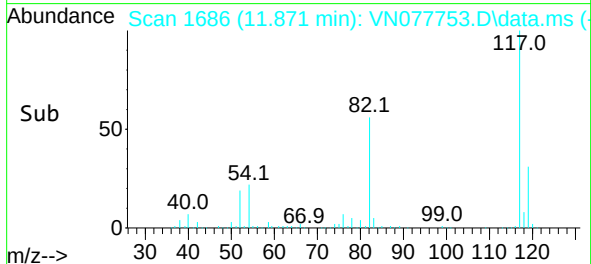
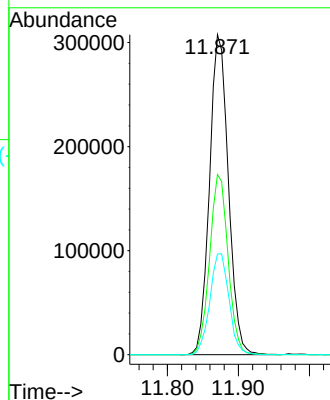
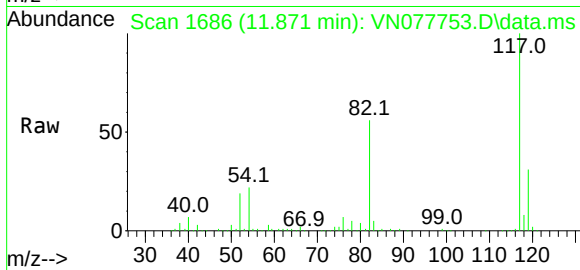




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077753.D
Acq: 19 May 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0519MBL01

Tgt Ion:117 Resp: 566894
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.4 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: VN077753.D
Acq: 19 May 2023 10:33

Tgt Ion:152 Resp: 205898
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 160.1 0.0 355.8

