

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077736.D
 Acq On : 18 May 2023 15:08
 Operator : JC\MD
 Sample : 02834-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20230515

Quant Time: May 19 07:35:05 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	357109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	647935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	561835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	208124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	241204	45.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.280%
35) Dibromofluoromethane	8.171	113	208579	49.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	10.576	98	801880	49.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.859	95	270123	47.030	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.060%

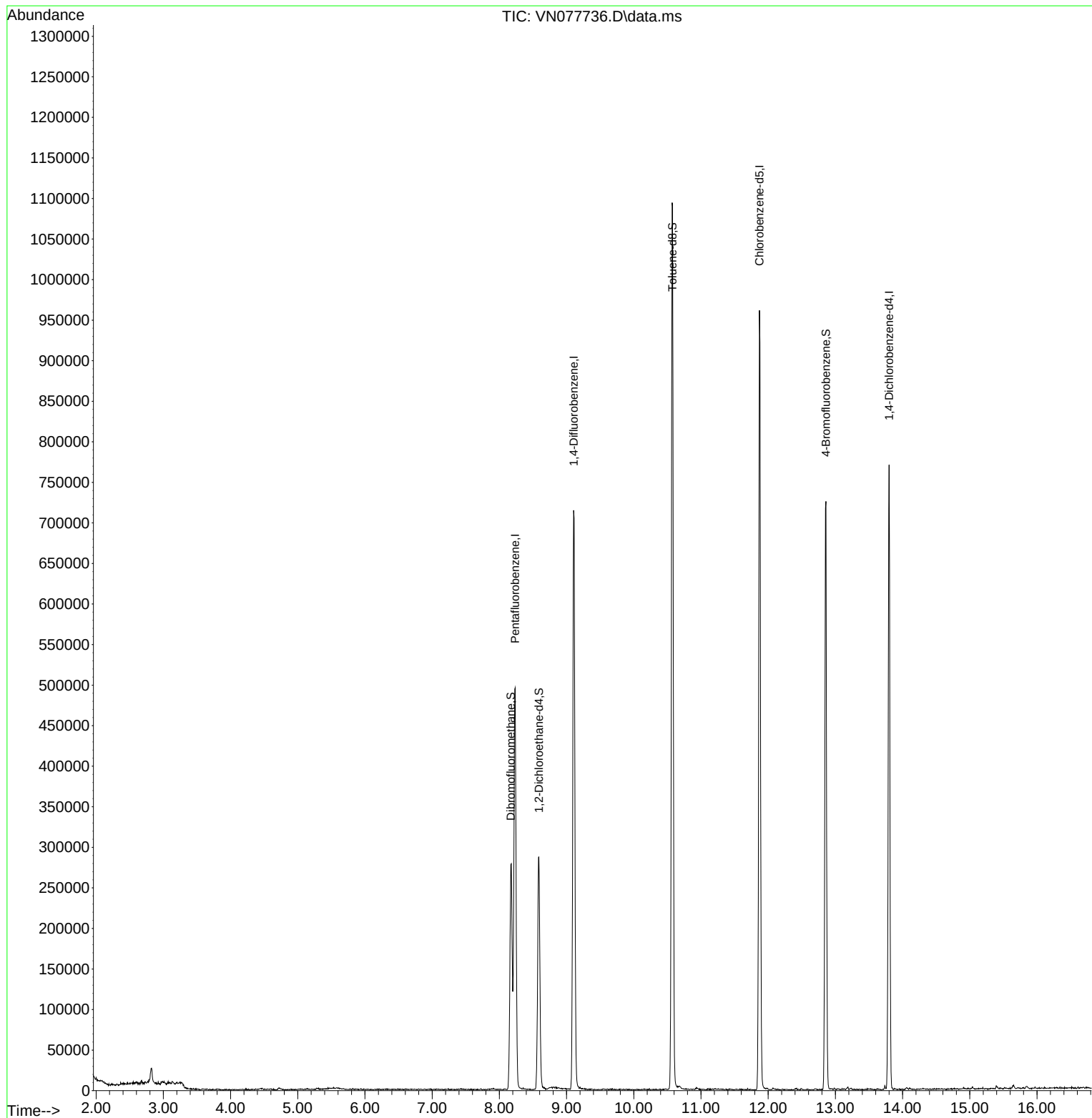
Target Compounds	Qvalue

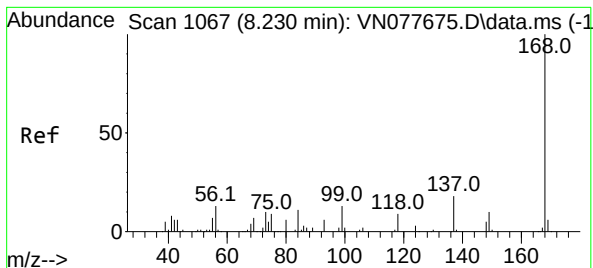
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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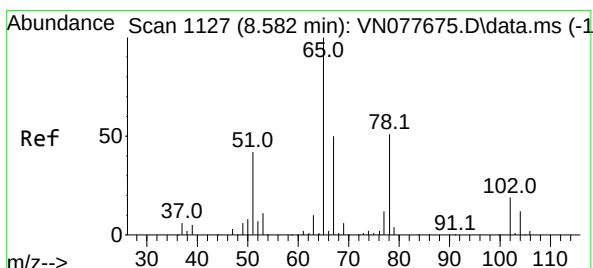
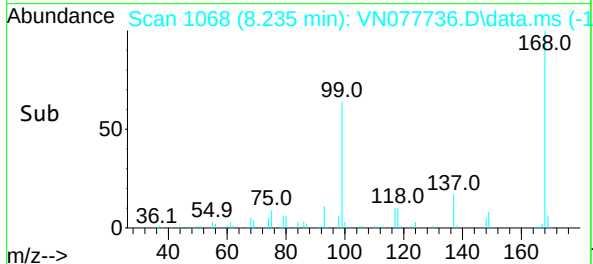
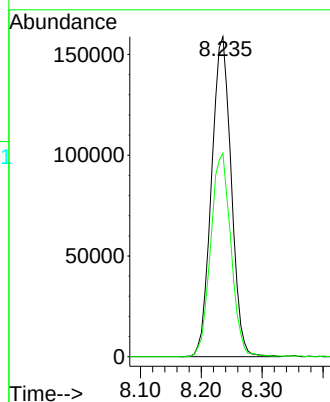
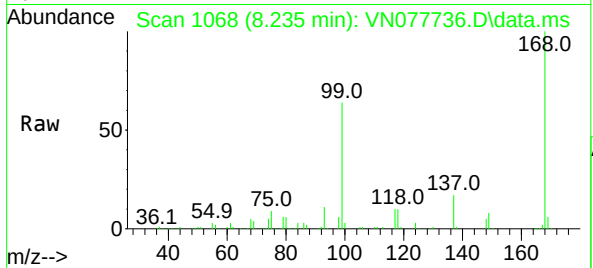




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077736.D
Acq: 18 May 2023 15:08

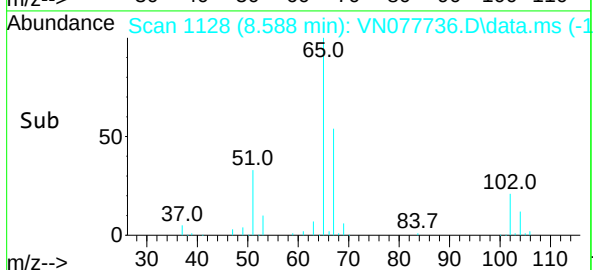
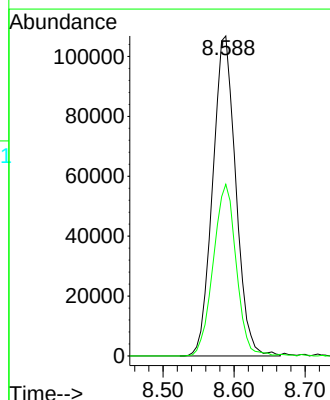
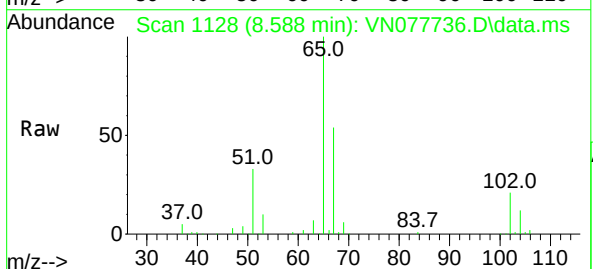
Instrument :
MSVOA_N
ClientSampleId :
TB01-20230515

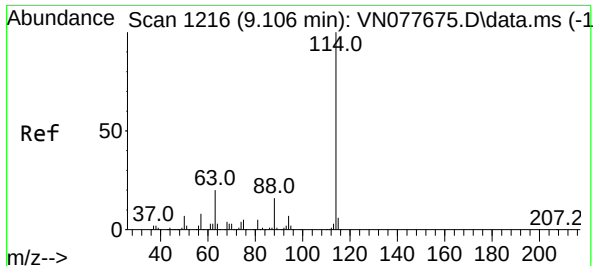
Tgt Ion:168 Resp: 357109
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.142 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077736.D
Acq: 18 May 2023 15:08

Tgt Ion: 65 Resp: 241204
Ion Ratio Lower Upper
65 100
67 53.2 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: VN077736.D

Acq: 18 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

TB01-20230515

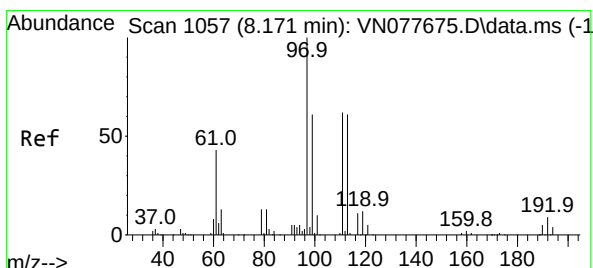
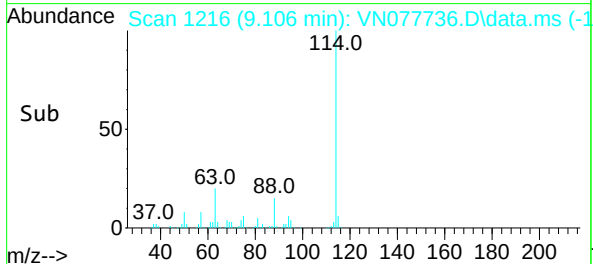
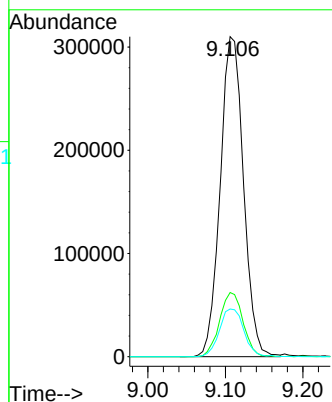
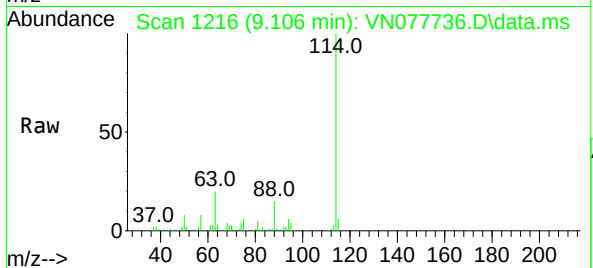
Tgt Ion:114 Resp: 647935

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077736.D

Acq: 18 May 2023 15:08

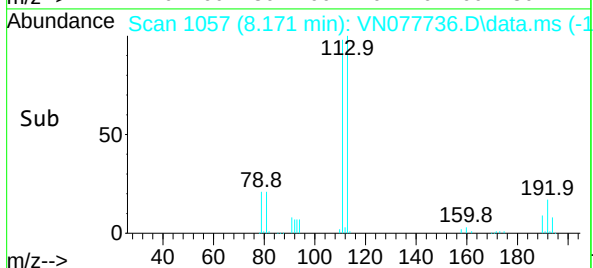
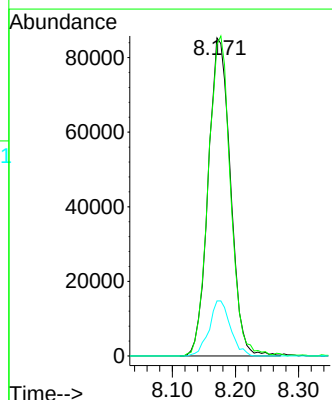
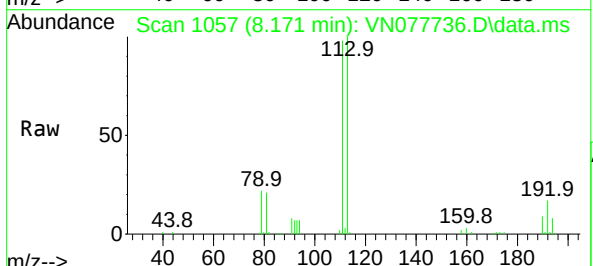
Tgt Ion:113 Resp: 208579

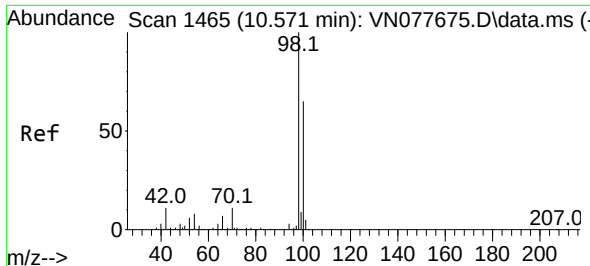
Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 16.5 12.7 19.1

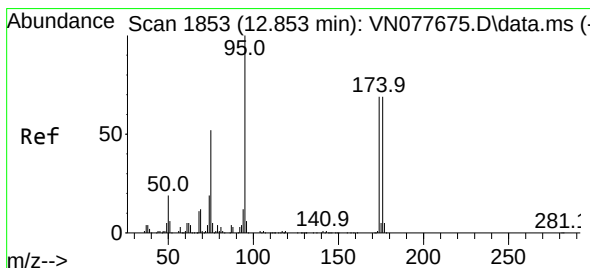
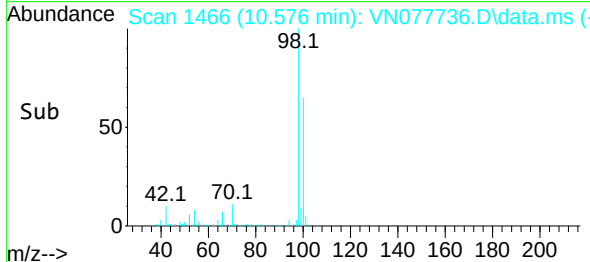
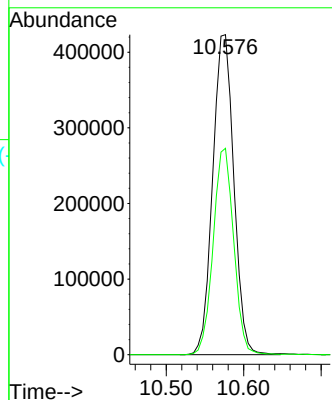
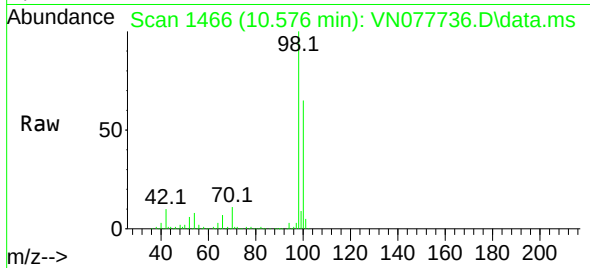




#50
Toluene-d8
Concen: 49.308 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077736.D
Acq: 18 May 2023 15:08

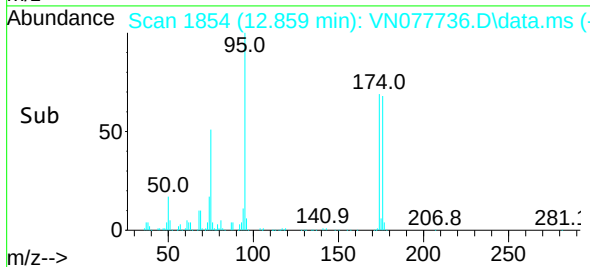
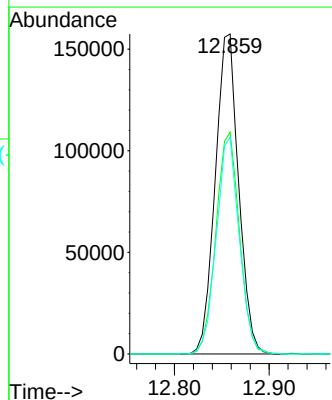
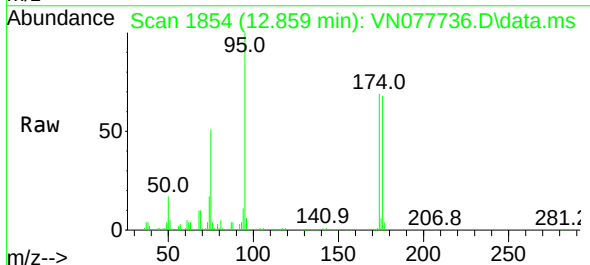
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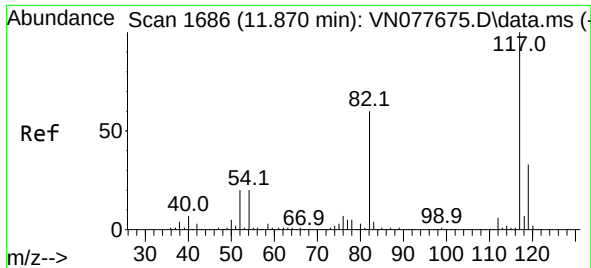
Tgt Ion: 98 Resp: 801880
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.030 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077736.D
Acq: 18 May 2023 15:08

Tgt Ion: 95 Resp: 270123
Ion Ratio Lower Upper
95 100
174 69.8 0.0 143.8
176 66.7 0.0 135.8

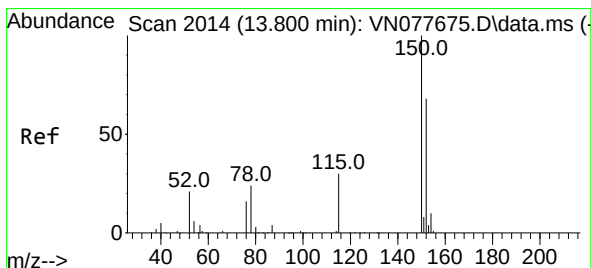
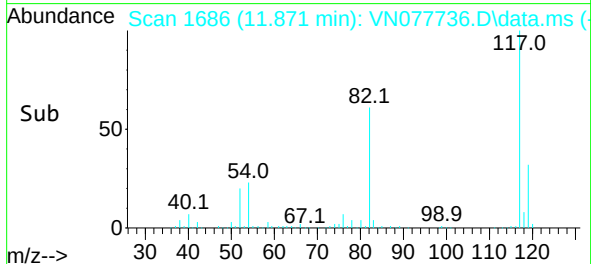
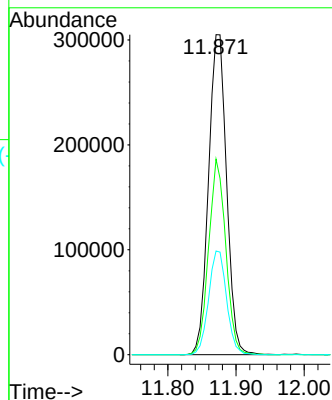
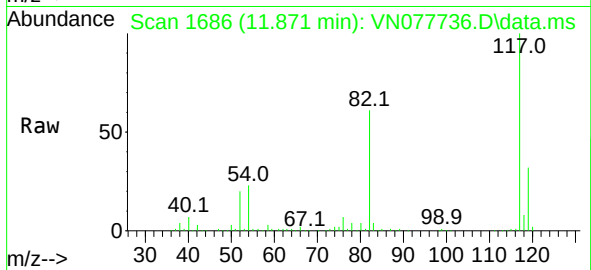




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077736.D
Acq: 18 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
TB01-20230515

Tgt Ion:117 Resp: 561835
Ion Ratio Lower Upper
117 100
82 61.1 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: VN077736.D
Acq: 18 May 2023 15:08

Tgt Ion:152 Resp: 208124
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 154.5 0.0 355.8

