

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077735.D
 Acq On : 18 May 2023 14:45
 Operator : JC\MD
 Sample : 02832-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-051723

Quant Time: May 19 07:34:53 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	364581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	661409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	573460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	245117	44.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.860%
35) Dibromofluoromethane	8.171	113	209040	48.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	815829	49.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.853	95	252557	43.076	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.160%

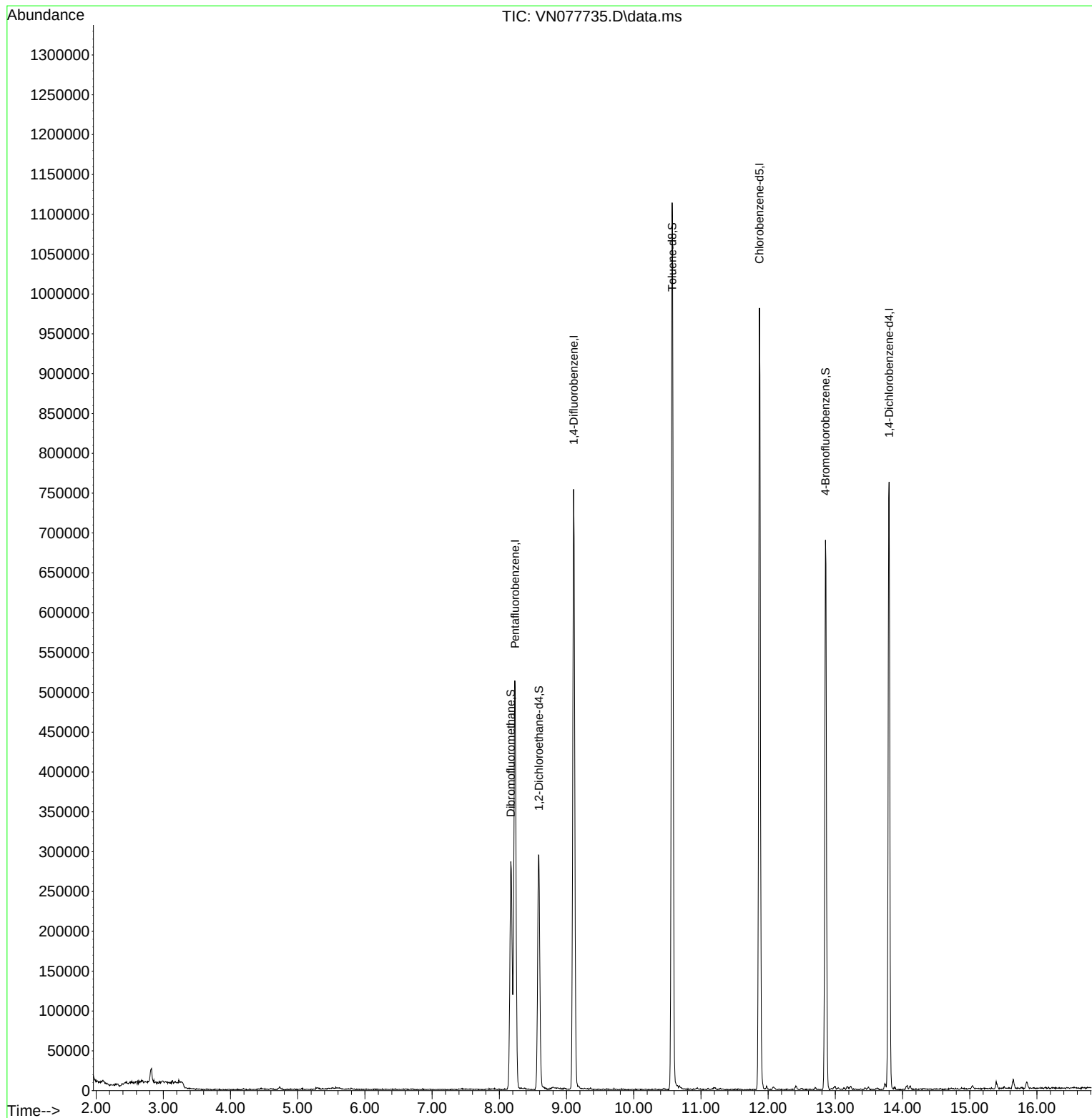
Target Compounds	Qvalue

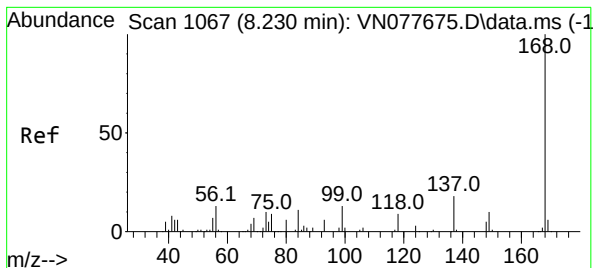
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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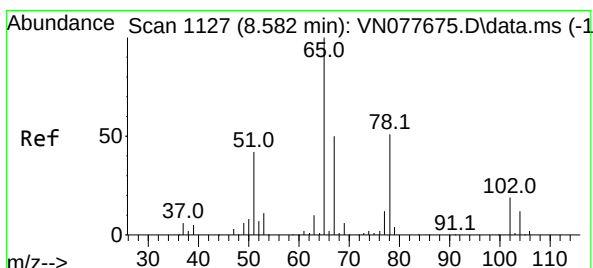
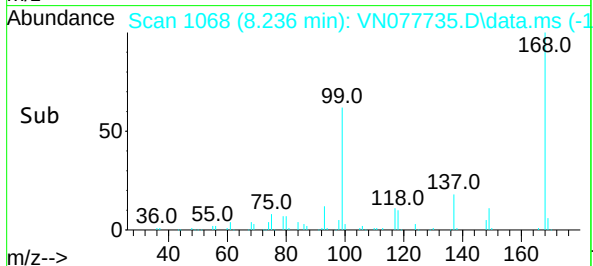
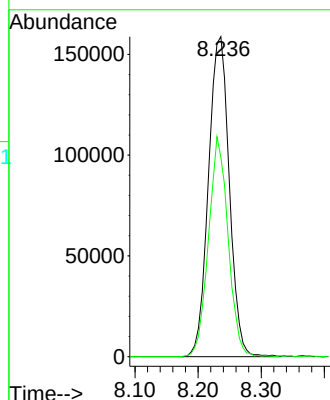
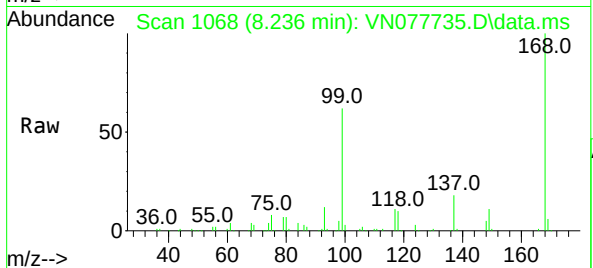




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077735.D
Acq: 18 May 2023 14:45

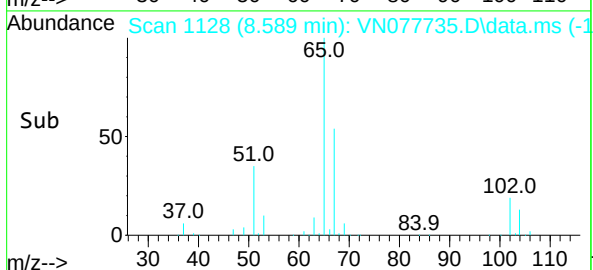
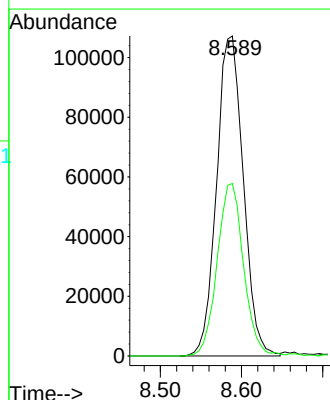
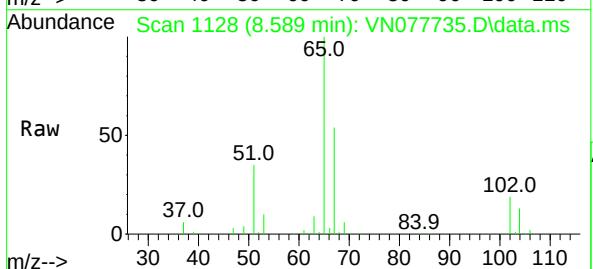
Instrument :
MSVOA_N
ClientSampleId :
TB-01-051723

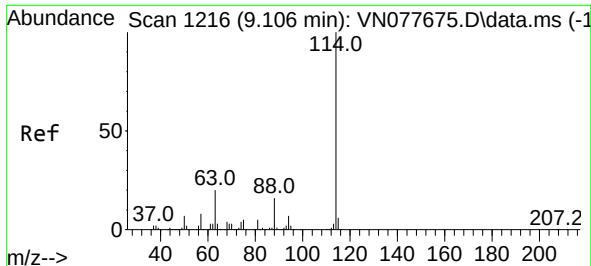
Tgt Ion:168 Resp: 364581
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.934 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077735.D
Acq: 18 May 2023 14:45

Tgt Ion: 65 Resp: 245117
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

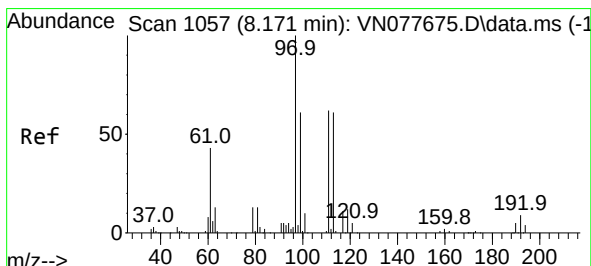
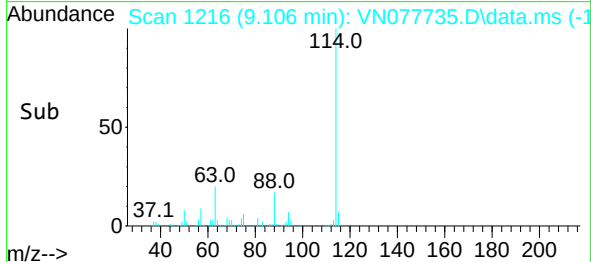
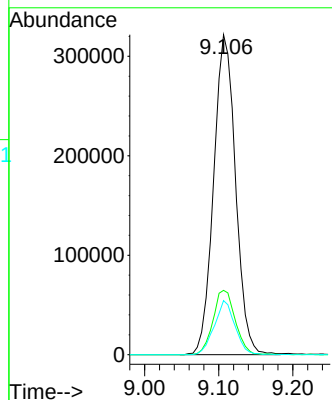
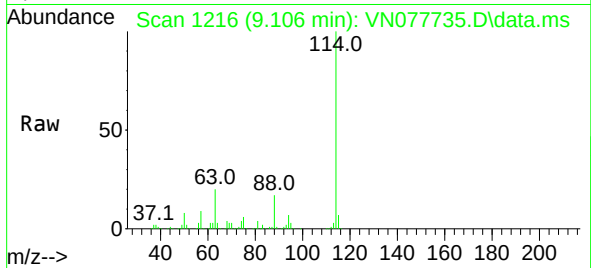




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077735.D
Acq: 18 May 2023 14:45

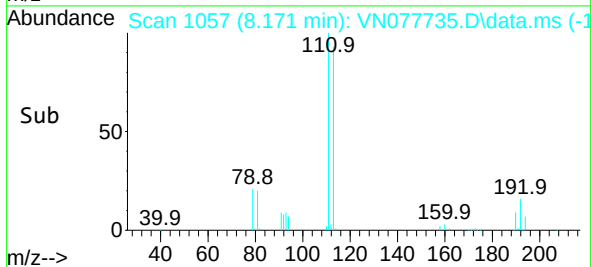
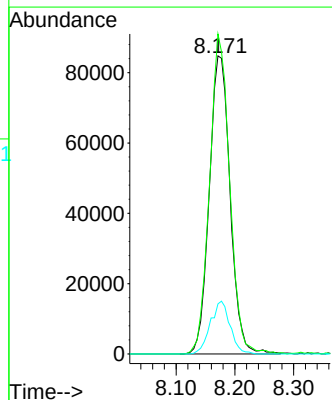
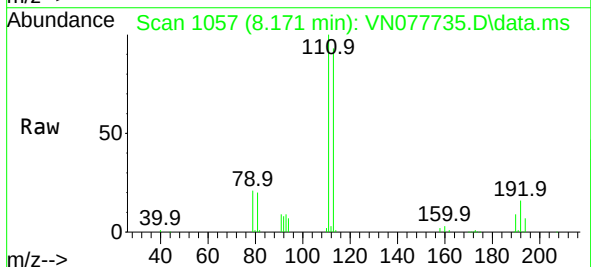
Instrument :
MSVOA_N
ClientSampleId :
TB-01-051723

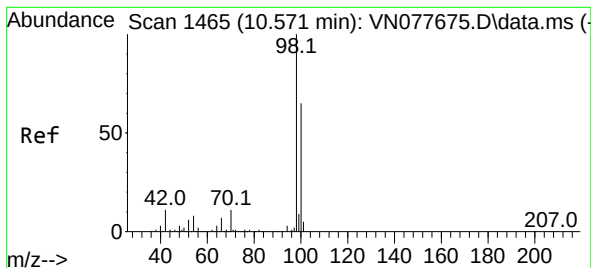
Tgt Ion:114 Resp: 661409
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 16.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.468 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN077735.D
Acq: 18 May 2023 14:45

Tgt Ion:113 Resp: 209040
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.8 12.7 19.1





#50

Toluene-d8

Concen: 49.144 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN077735.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_N

ClientSampleId :

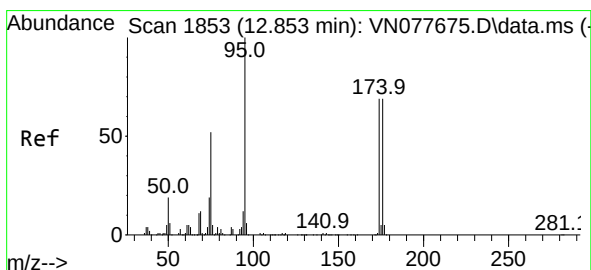
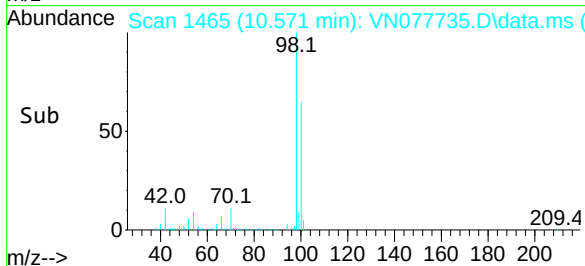
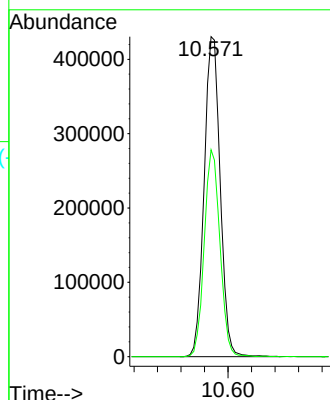
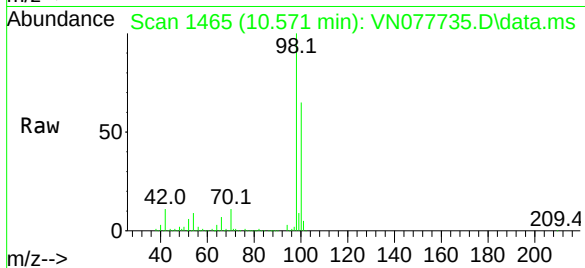
TB-01-051723

Tgt Ion: 98 Resp: 815829

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.076 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN077735.D

Acq: 18 May 2023 14:45

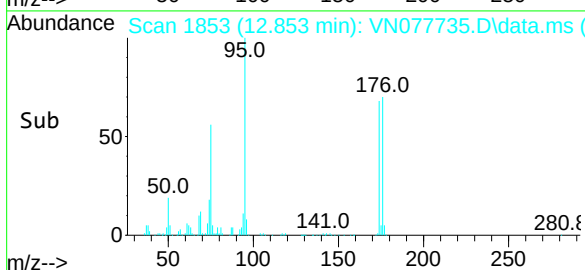
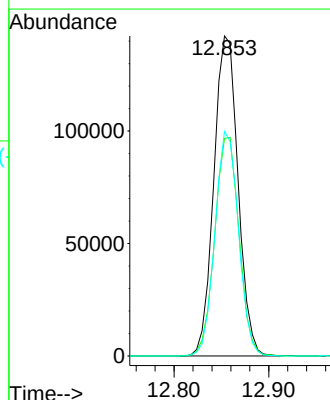
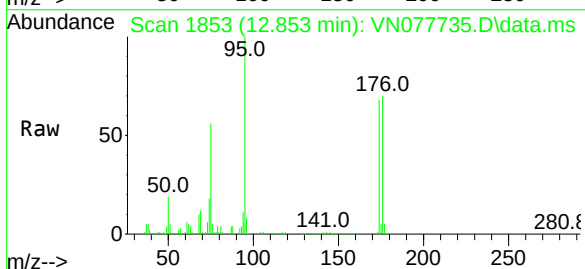
Tgt Ion: 95 Resp: 252557

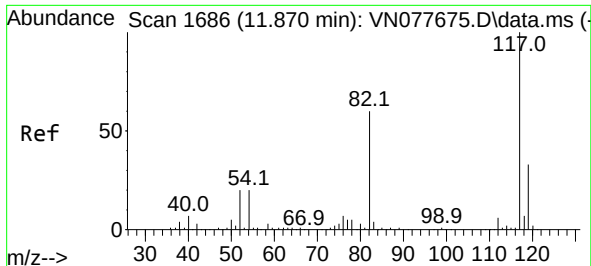
Ion Ratio Lower Upper

95 100

174 68.8 0.0 143.8

176 68.2 0.0 135.8

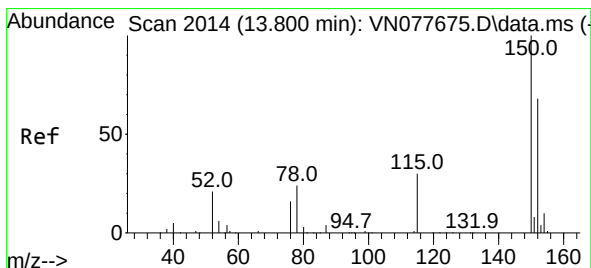
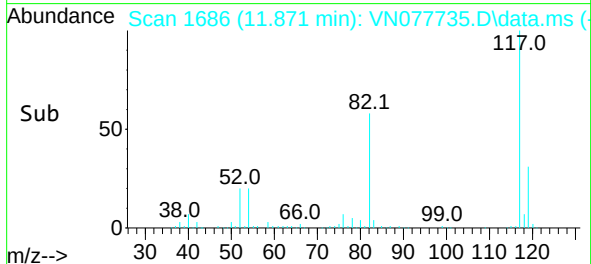
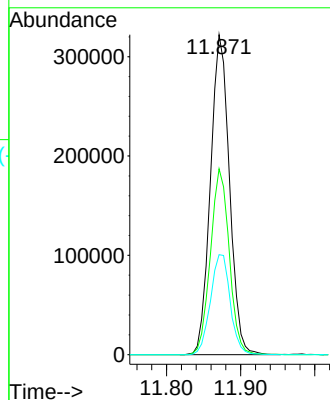
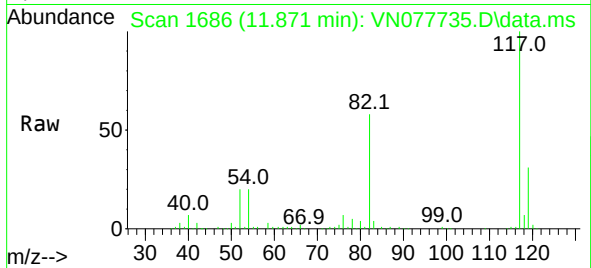




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077735.D
Acq: 18 May 2023 14:45

Instrument :
MSVOA_N
ClientSampleId :
TB-01-051723

Tgt Ion:117 Resp: 573460
Ion Ratio Lower Upper
117 100
82 58.1 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: VN077735.D
Acq: 18 May 2023 14:45

Tgt Ion:152 Resp: 204371
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 155.9 0.0 355.8

