

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077854.D
 Acq On : 24 May 2023 15:55
 Operator : JC\MD
 Sample : 02898-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-20230522

Quant Time: May 25 01:42:53 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	397287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	727260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	642710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268681	45.199	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.400%
35) Dibromofluoromethane	8.177	113	229779	48.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	10.577	98	886677	48.575	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.853	95	288900	44.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.620%

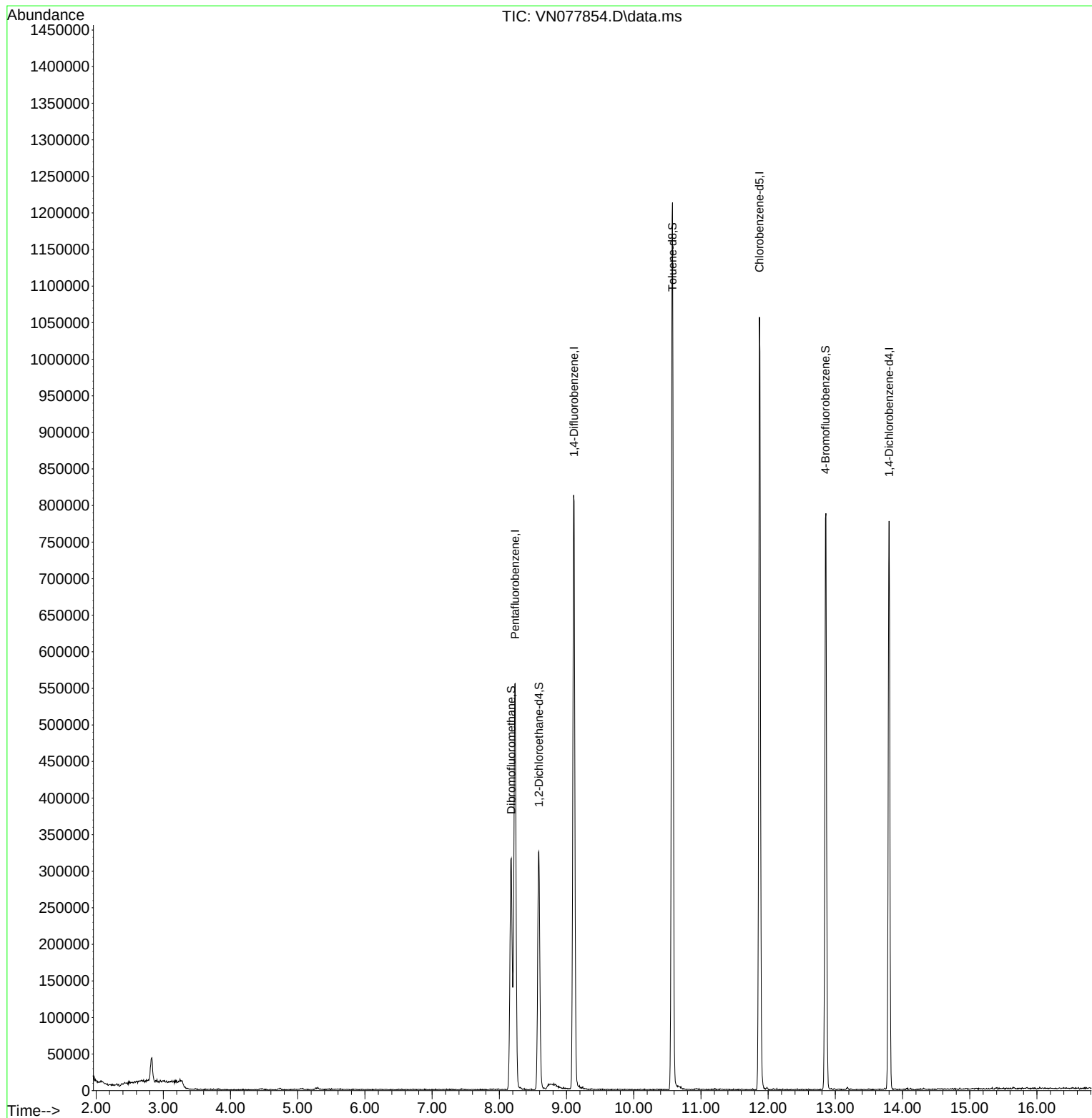
Target Compounds	Qvalue

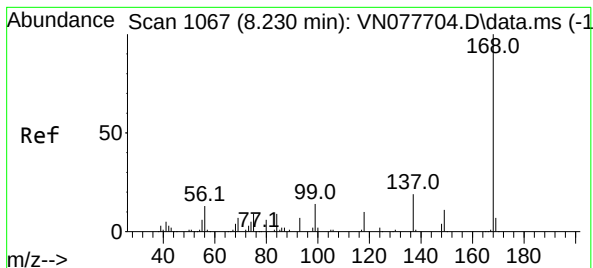
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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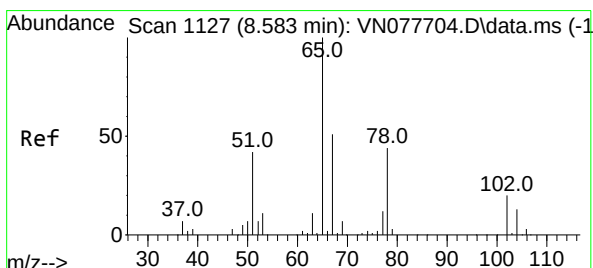
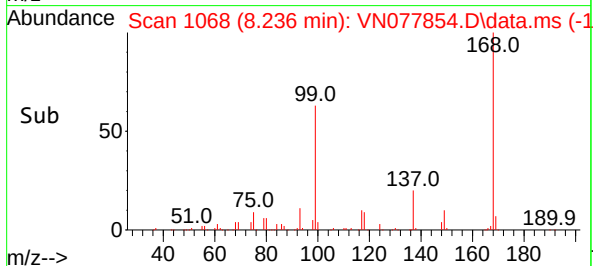
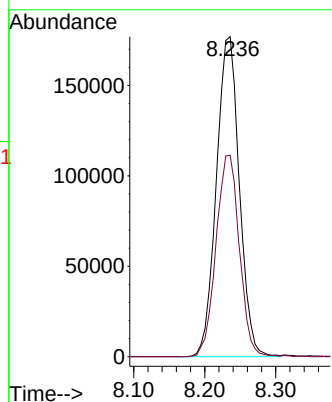
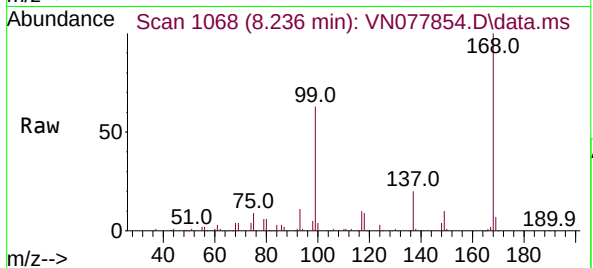




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

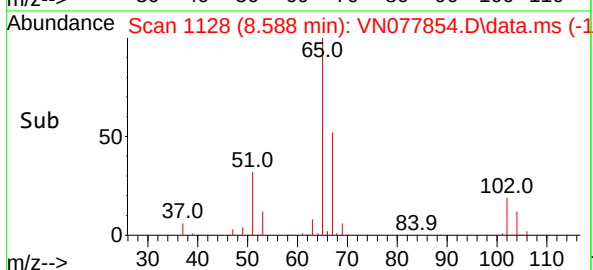
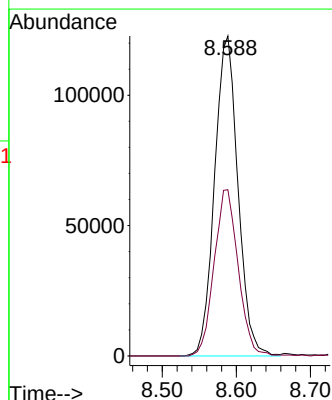
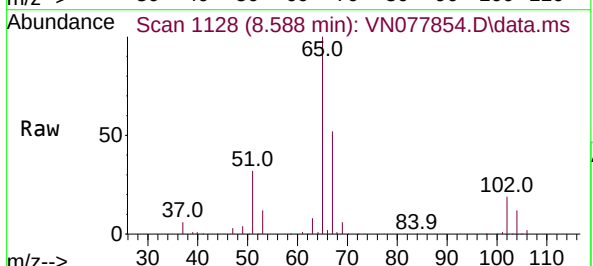
Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

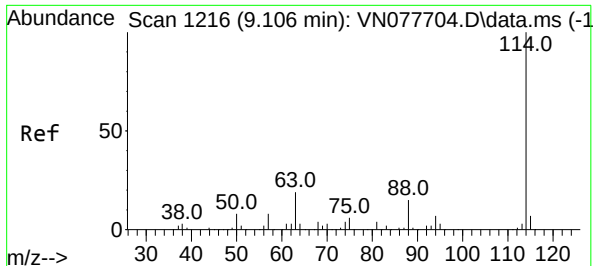
Tgt Ion:168 Resp: 397287
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.199 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion: 65 Resp: 268681
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077854.D

Acq: 24 May 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

TB-01-20230522

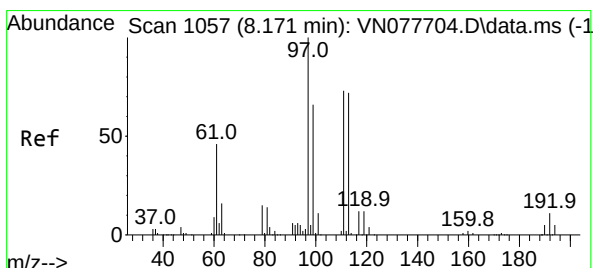
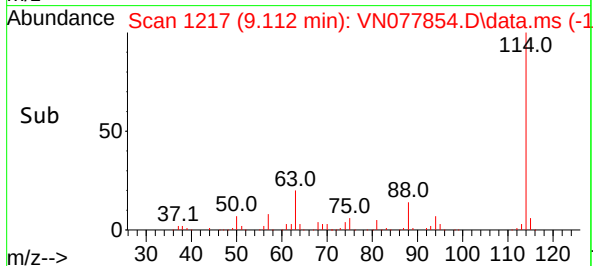
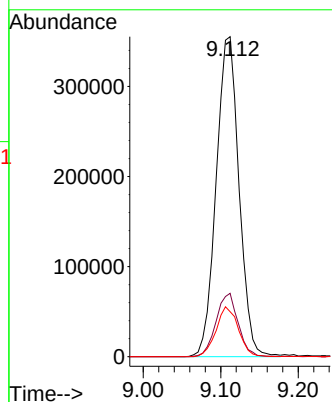
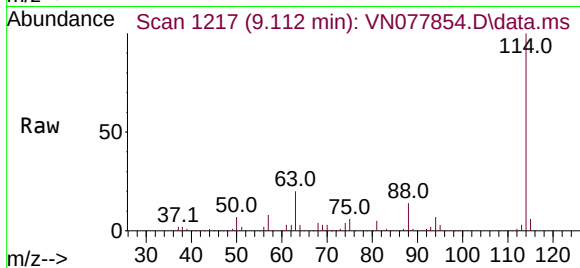
Tgt Ion:114 Resp: 727260

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.452 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077854.D

Acq: 24 May 2023 15:55

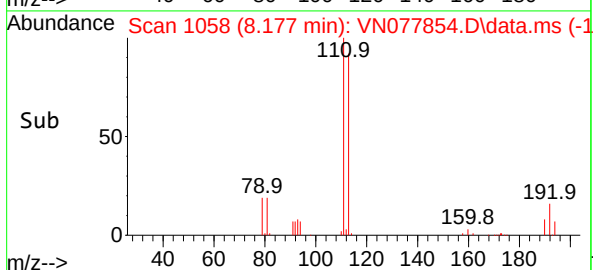
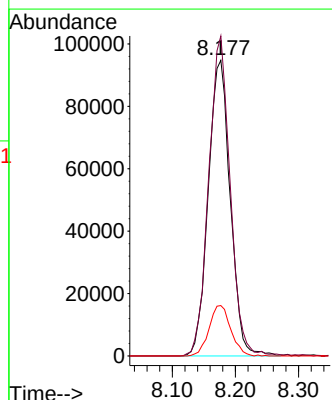
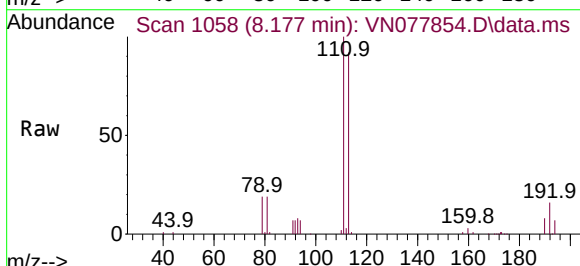
Tgt Ion:113 Resp: 229779

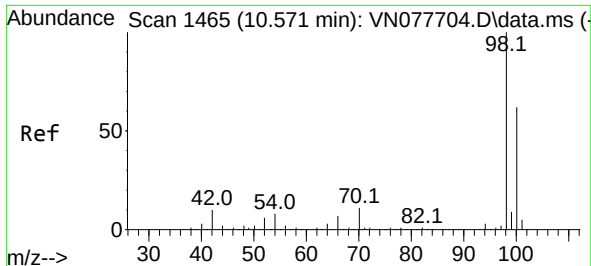
Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 16.8 12.7 19.1

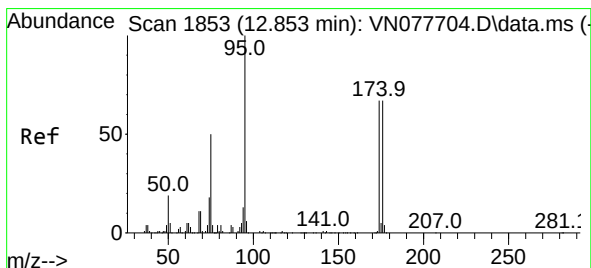
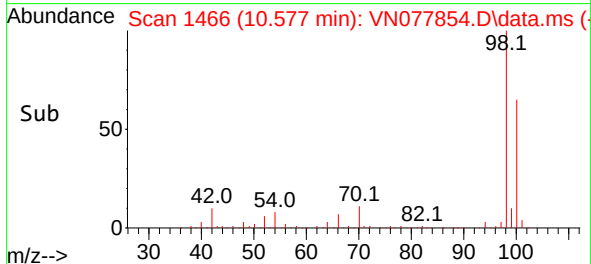
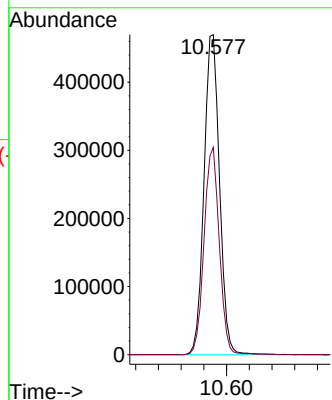
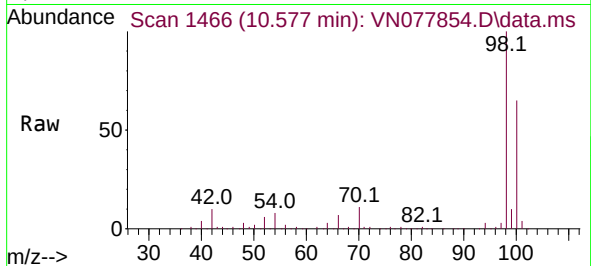




#50
Toluene-d8
Concen: 48.575 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

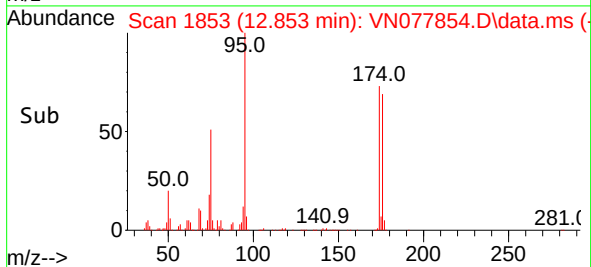
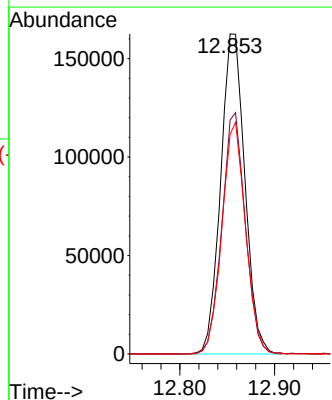
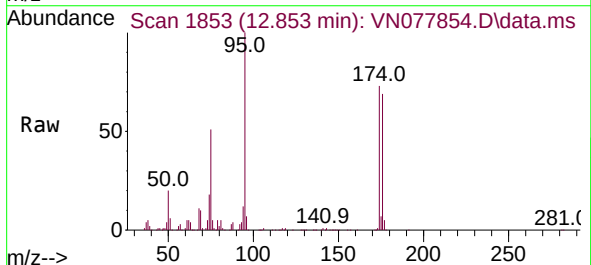
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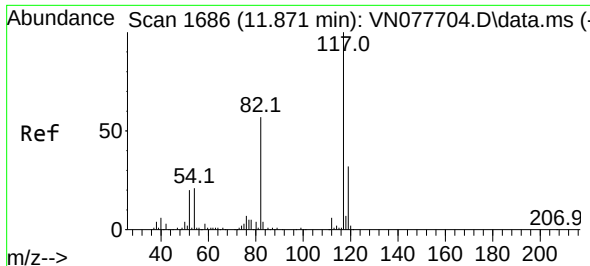
Tgt Ion: 98 Resp: 886677
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.813 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion: 95 Resp: 288900
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 70.5 0.0 135.8

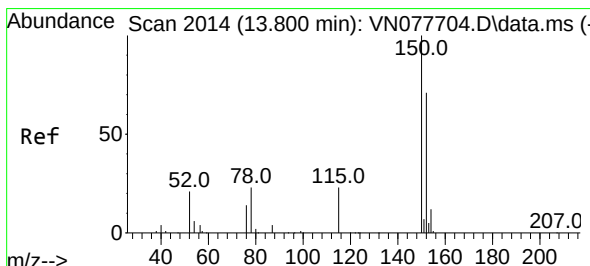
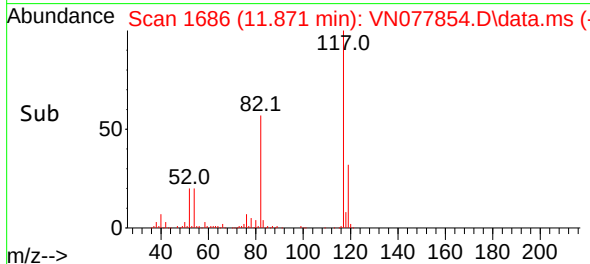
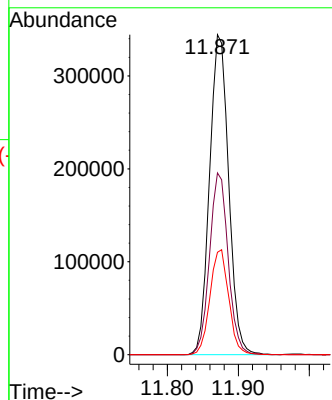
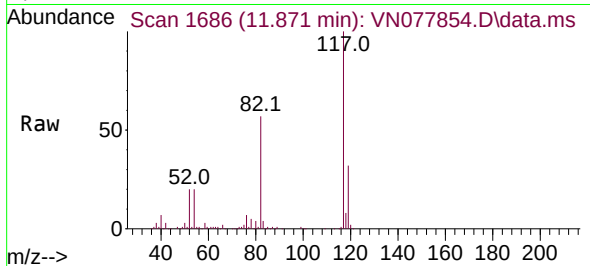




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

Tgt Ion:117 Resp: 642710
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.0 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: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion:152 Resp: 210900
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.1 0.0 355.8

