

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078609.D
 Acq On : 21 Jul 2023 13:22
 Operator : JC\MD
 Sample : 03709-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-072023

Quant Time: Jul 21 23:21:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	423529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	742047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	678508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272714	48.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.060%
35) Dibromofluoromethane	8.177	113	269617	53.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.571	98	879229	46.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.853	95	301625	51.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.920%

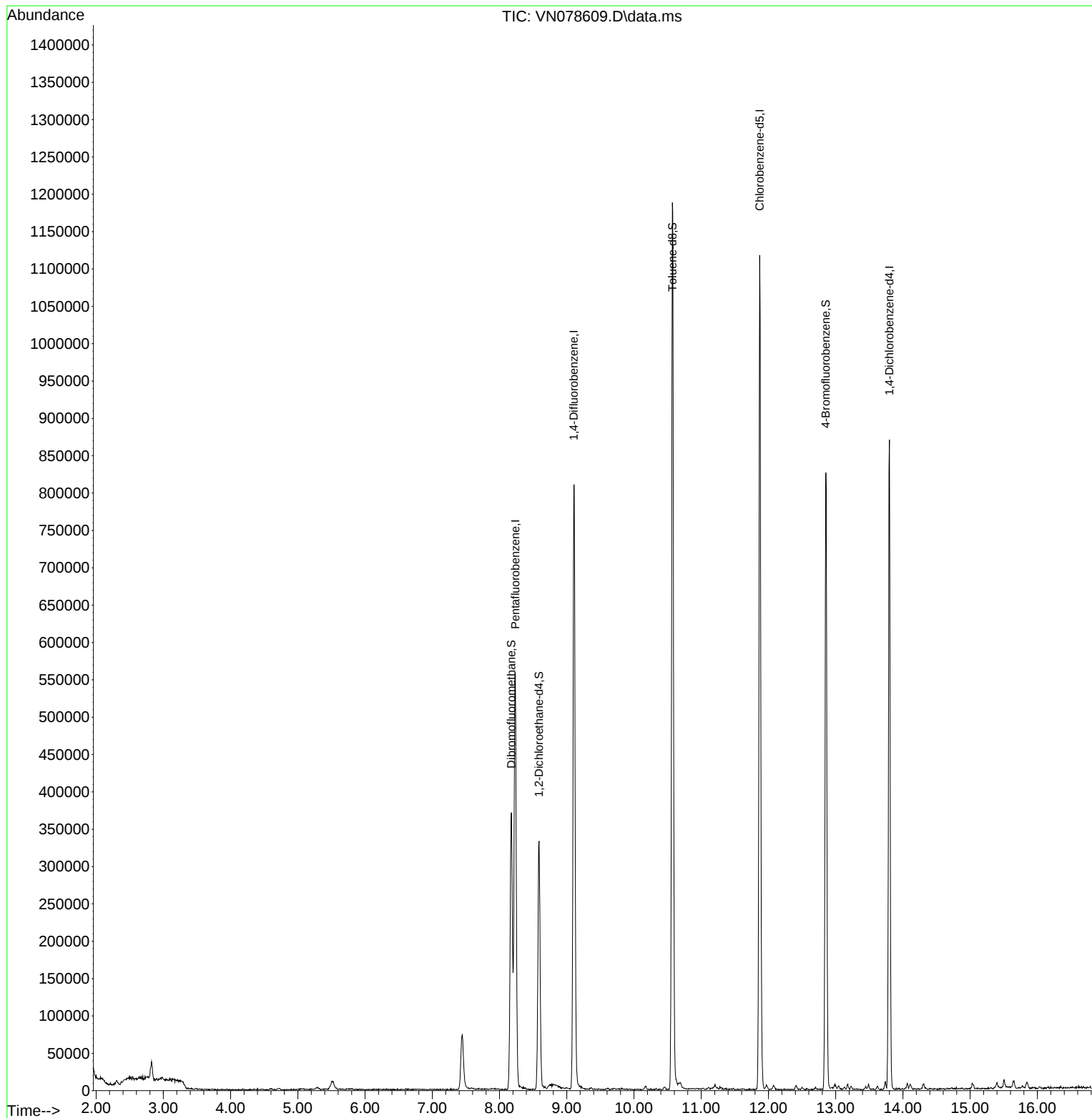
Target Compounds	Qvalue

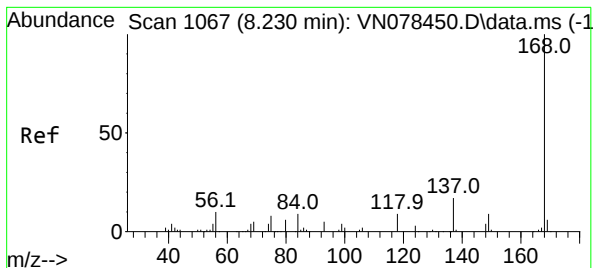
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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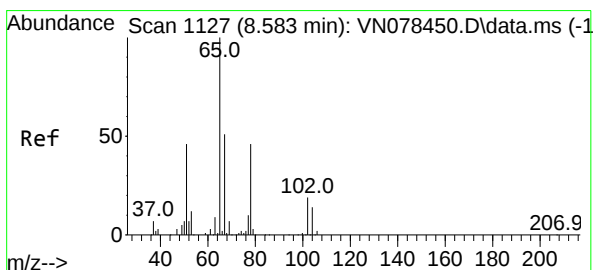
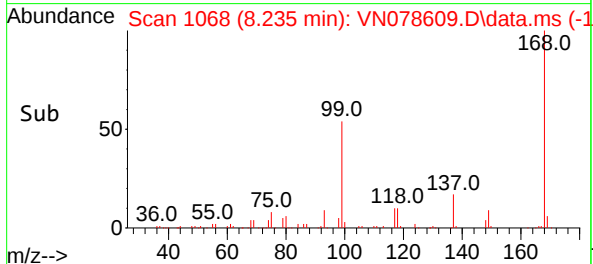
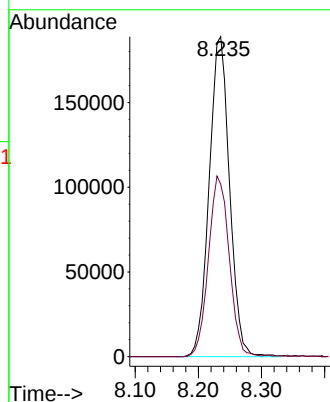
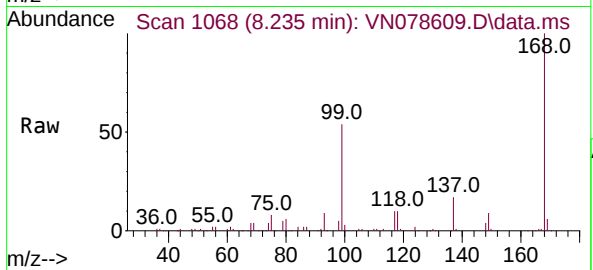




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

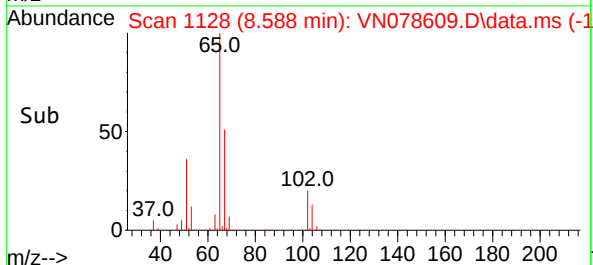
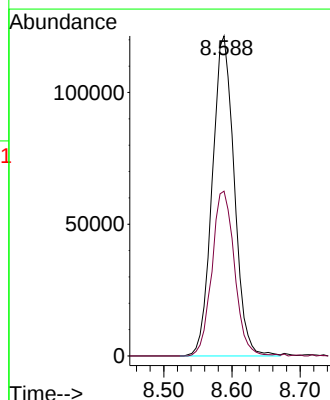
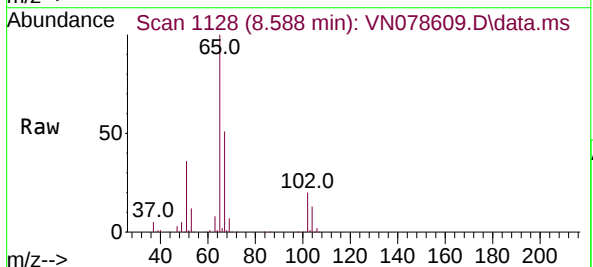
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

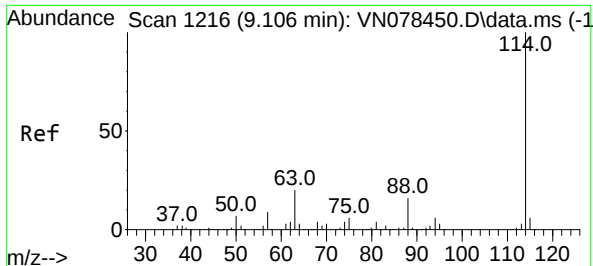
Tgt Ion:168 Resp: 423529
Ion Ratio Lower Upper
168 100
99 53.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.031 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 65 Resp: 272714
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

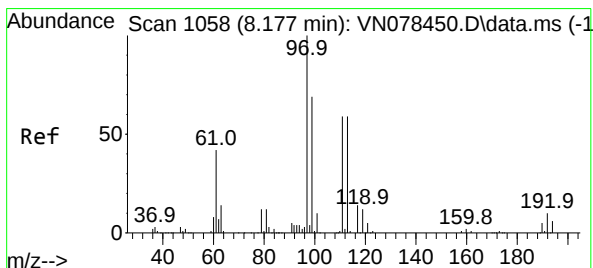
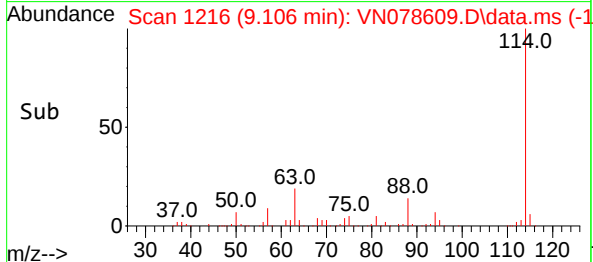
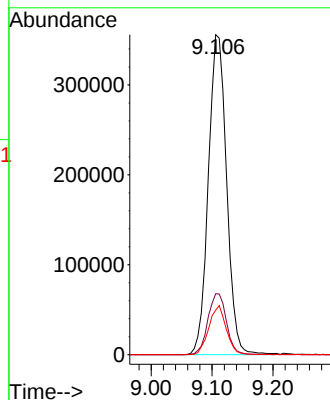
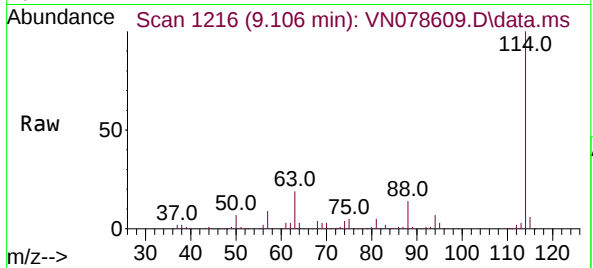




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

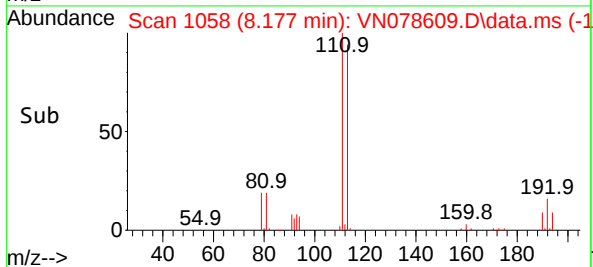
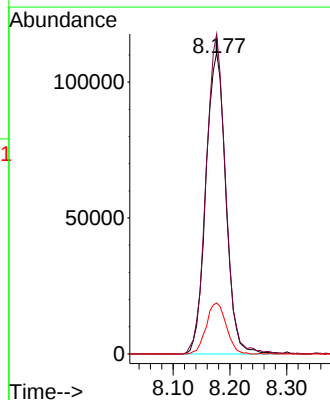
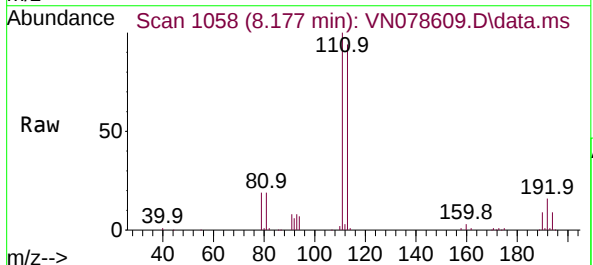
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

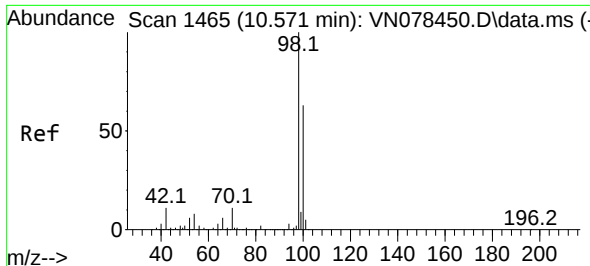
Tgt Ion:114 Resp: 742047
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 13.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.525 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion:113 Resp: 269617
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 17.0 12.7 19.1

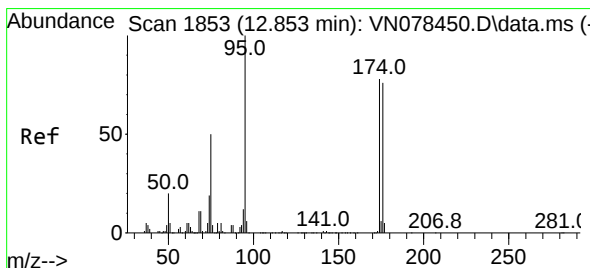
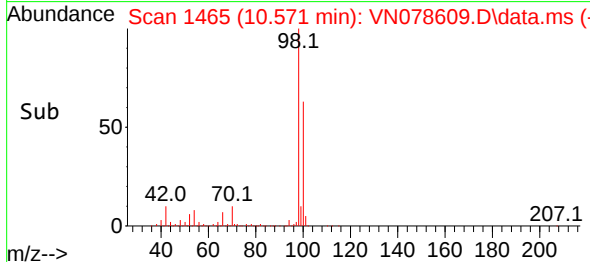
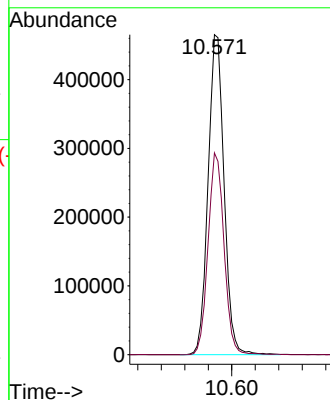
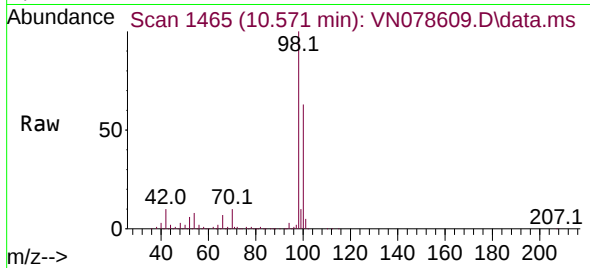




#50
Toluene-d8
Concen: 46.204 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

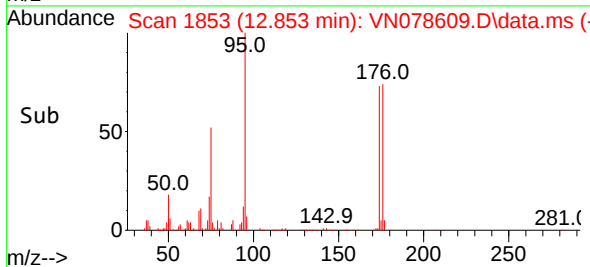
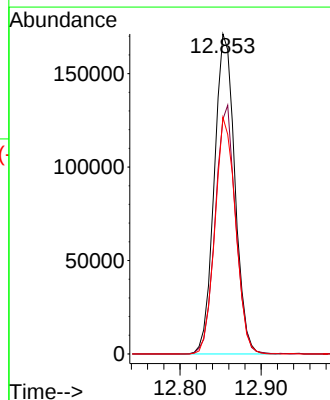
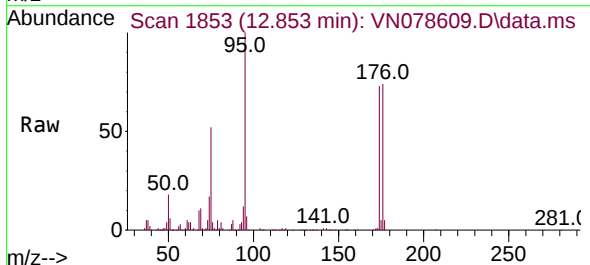
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

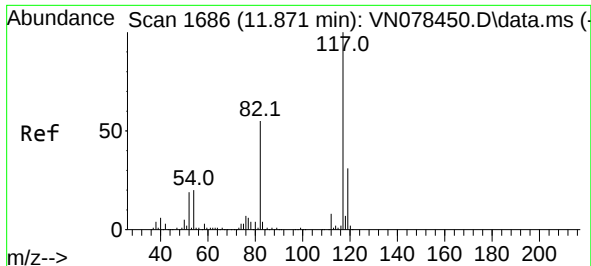
Tgt Ion: 98 Resp: 879229
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 95 Resp: 301625
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 74.1 0.0 135.8

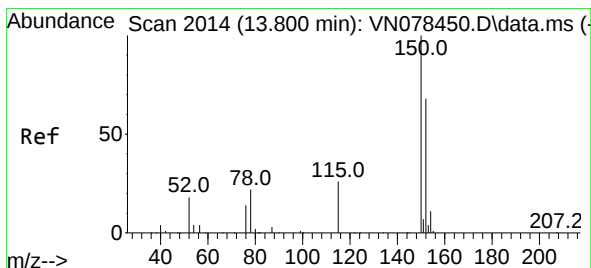
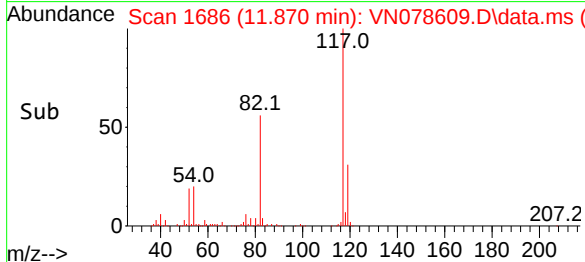
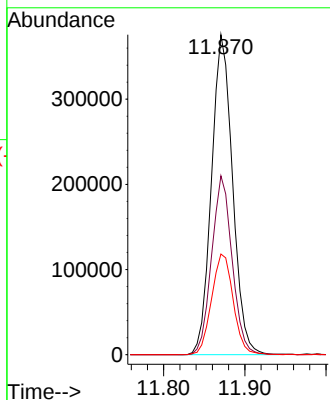
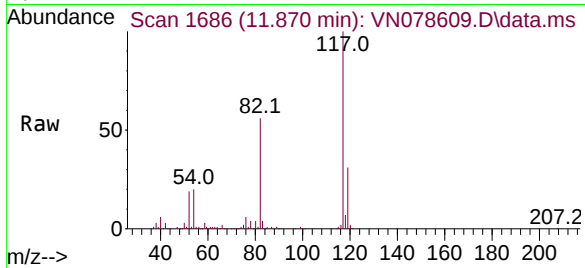




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

Tgt Ion:117 Resp: 678508
Ion Ratio Lower Upper
117 100
82 55.9 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: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion:152 Resp: 243710
Ion Ratio Lower Upper
152 100
115 57.3 32.3 96.8
150 154.8 0.0 355.8

