

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078590.D
 Acq On : 20 Jul 2023 13:21
 Operator : JC\MD
 Sample : 03674-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Jul 21 06:11:06 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	8.236	168	442187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	796102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	745510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	291827	49.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.177	113	293992	54.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.800%
50) Toluene-d8	10.571	98	953623	46.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.853	95	329465	52.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.780%

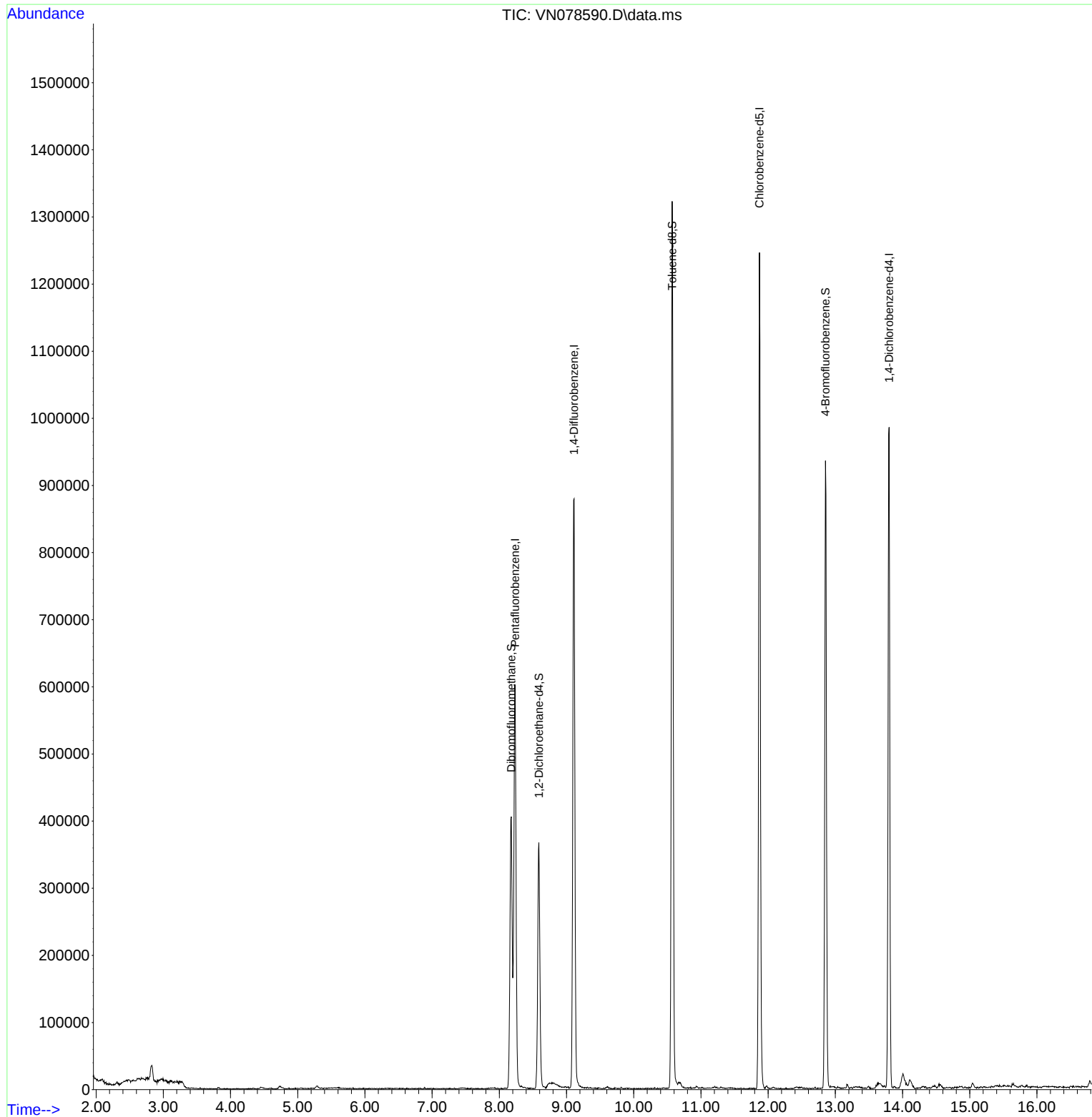
Target Compounds	Qvalue

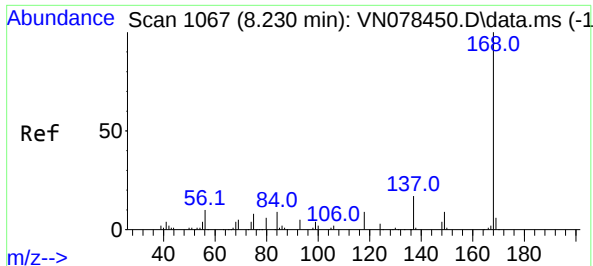
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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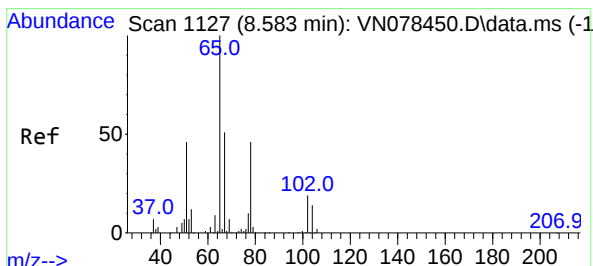
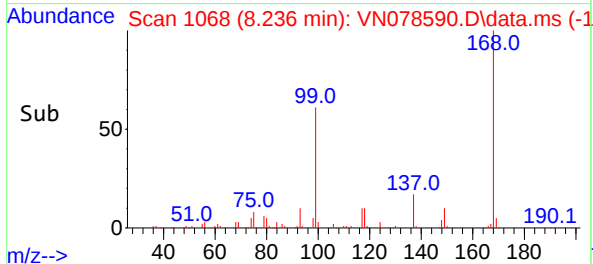
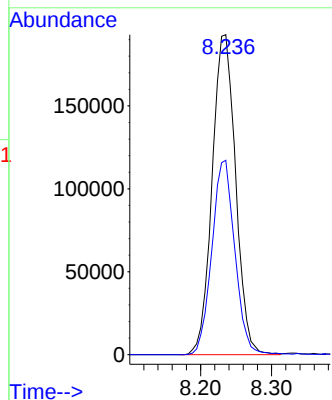
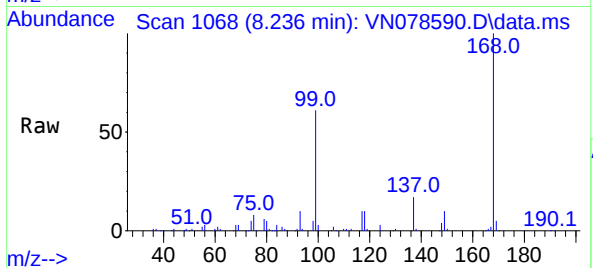




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078590.D
Acq: 20 Jul 2023 13:21

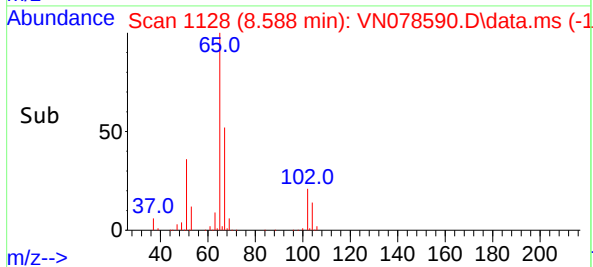
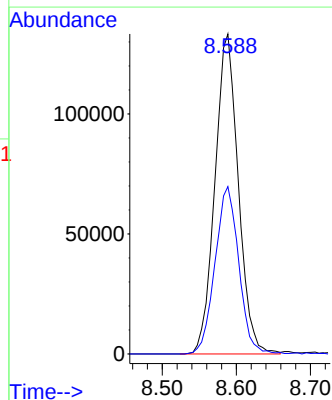
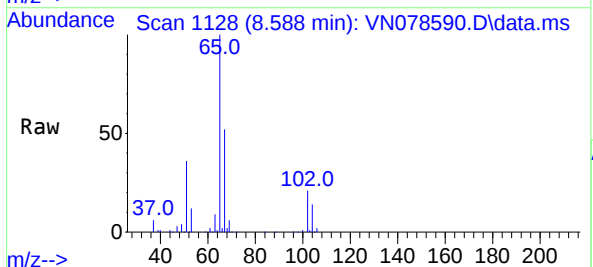
Instrument :
MSVOA_N
ClientSampleId :
TB

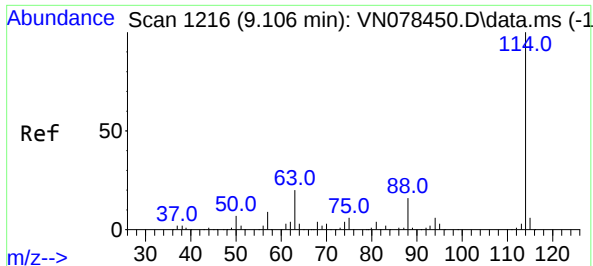
Tgt Ion:168 Resp: 442187
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.229 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078590.D
Acq: 20 Jul 2023 13:21

Tgt Ion: 65 Resp: 291827
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.6

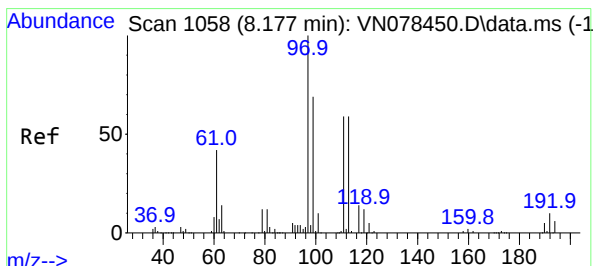
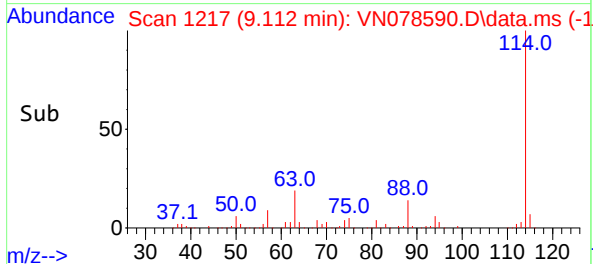
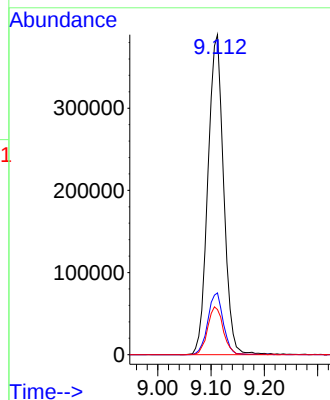
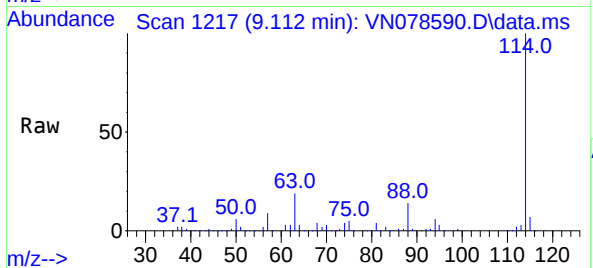




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN078590.D
Acq: 20 Jul 2023 13:21

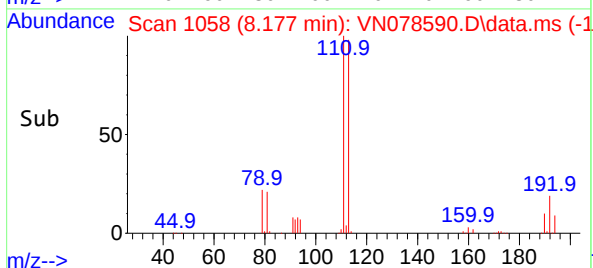
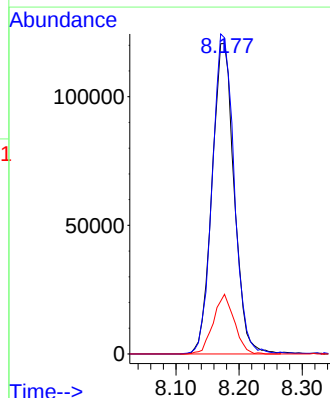
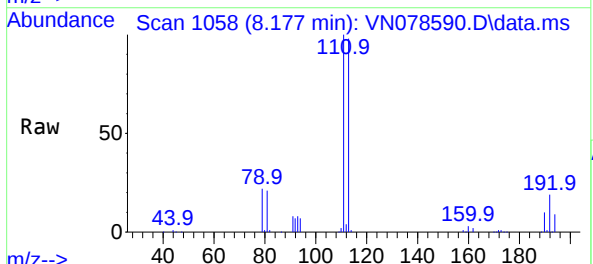
Instrument :
MSVOA_N
ClientSampleId :
TB

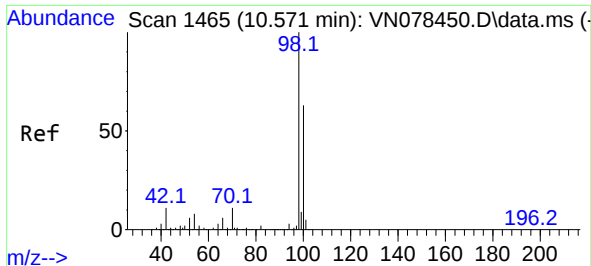
Tgt Ion:114 Resp: 796102
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.401 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078590.D
Acq: 20 Jul 2023 13:21

Tgt Ion:113 Resp: 293992
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.2 12.7 19.1

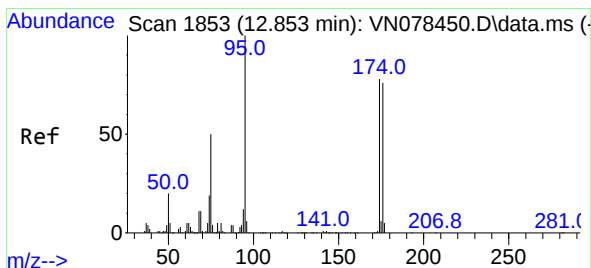
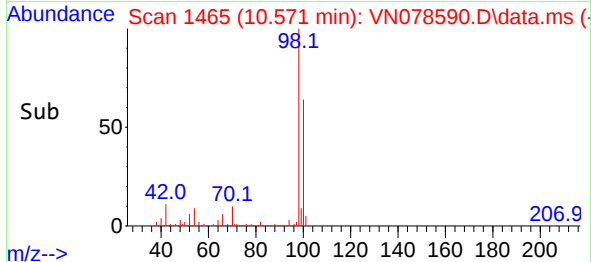
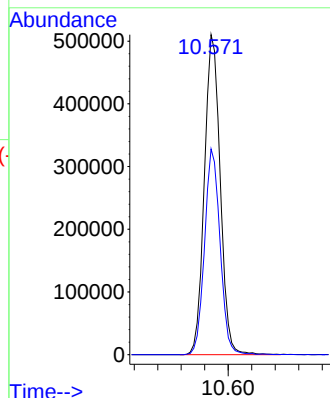
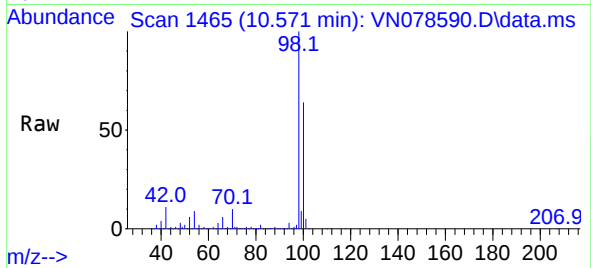




#50
Toluene-d8
Concen: 46.711 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078590.D
Acq: 20 Jul 2023 13:21

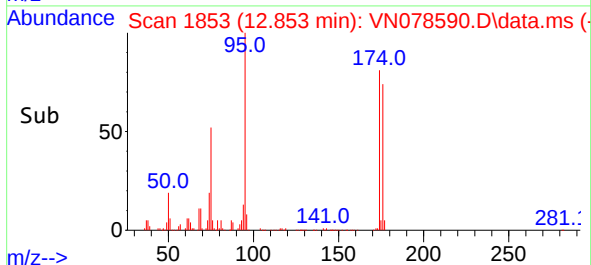
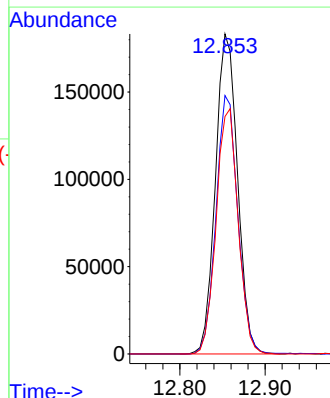
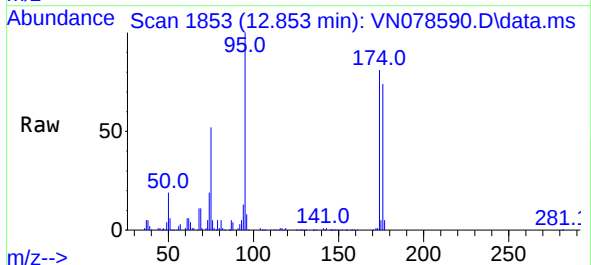
Instrument :
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ClientSampleId :
TB

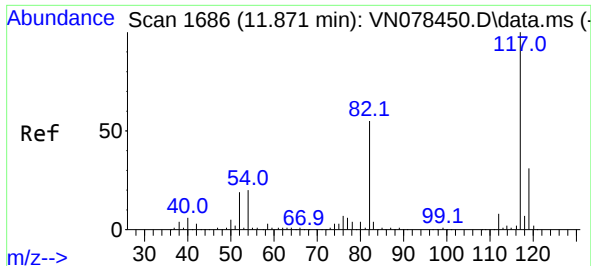
Tgt Ion: 98 Resp: 953623
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.393 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078590.D
Acq: 20 Jul 2023 13:21

Tgt Ion: 95 Resp: 329465
Ion Ratio Lower Upper
95 100
174 80.0 0.0 143.8
176 76.4 0.0 135.8

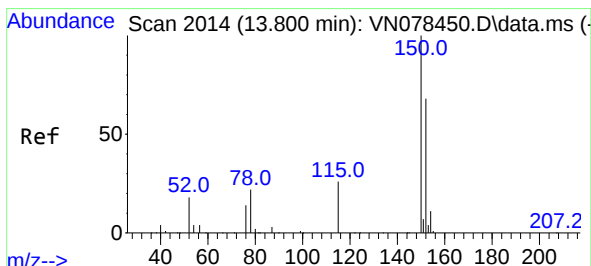
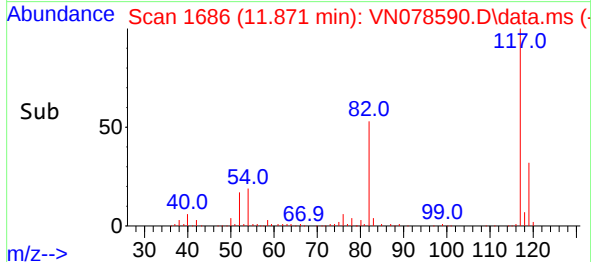
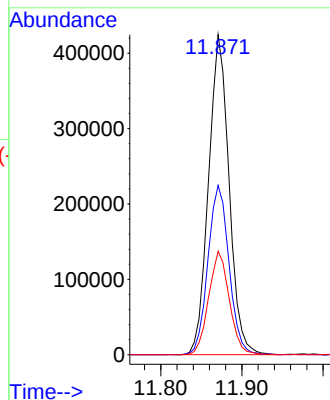
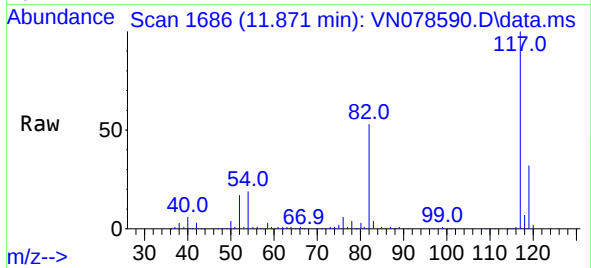




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078590.D
Acq: 20 Jul 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 745510
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 32.3 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: VN078590.D
Acq: 20 Jul 2023 13:21

Tgt Ion:152 Resp: 279120
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 157.2 0.0 355.8

