

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078139.D
 Acq On : 09 Jun 2023 12:22
 Operator : JC\MD
 Sample : 03123-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-TB-20230602

Quant Time: Jun 09 23:06:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	351516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	641099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	570494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159133	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	246199	52.530	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.060%
35) Dibromofluoromethane	8.177	113	212489	52.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.840%
50) Toluene-d8	10.571	98	794458	50.839	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.853	95	231630	47.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.360%

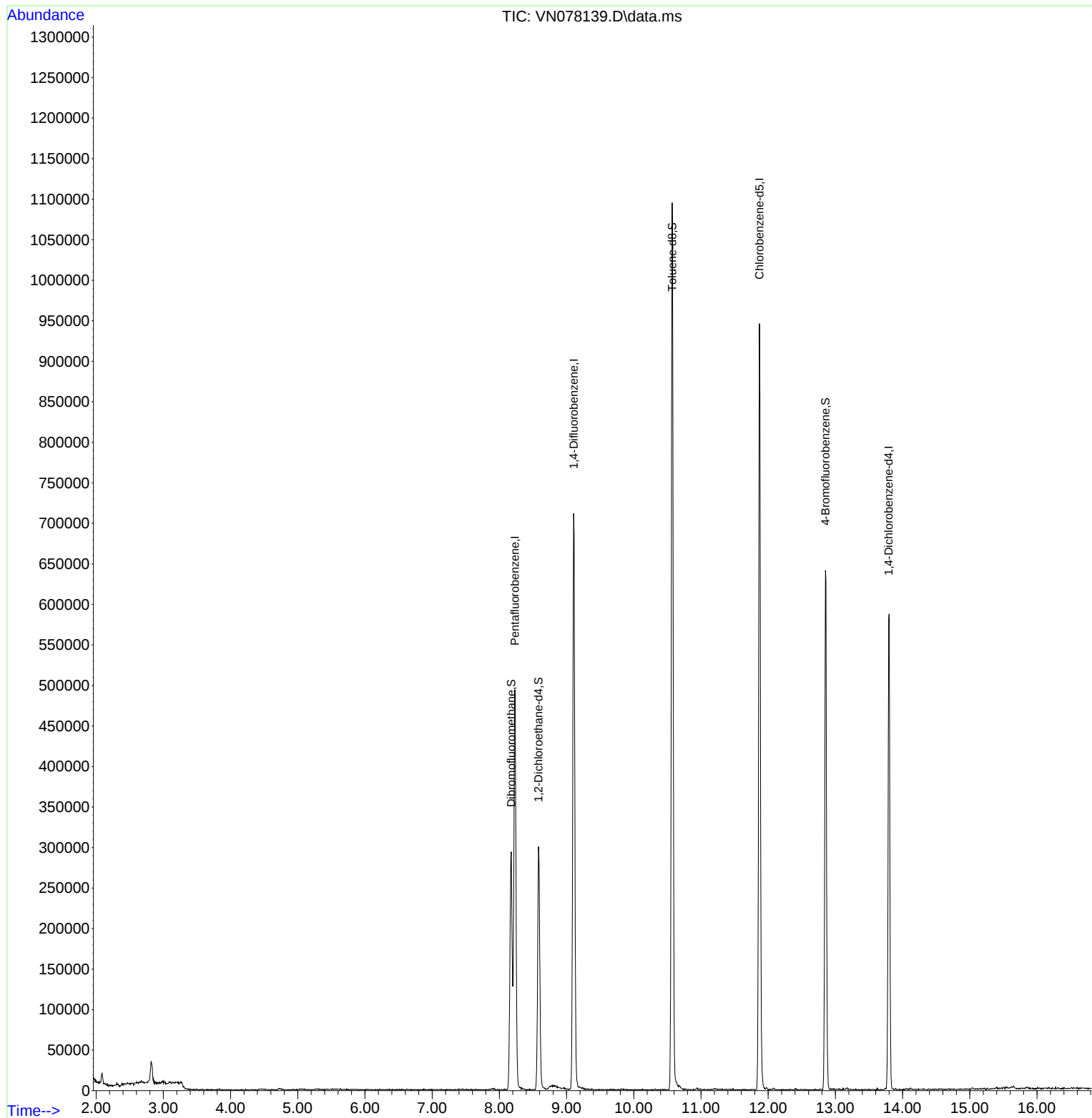
Target Compounds	Qvalue

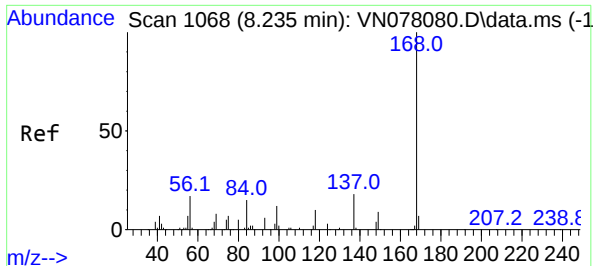
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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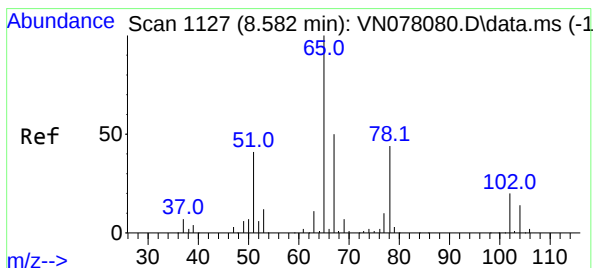
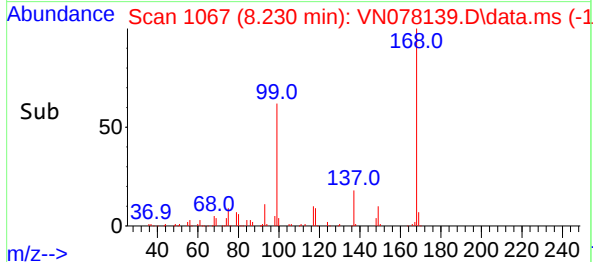
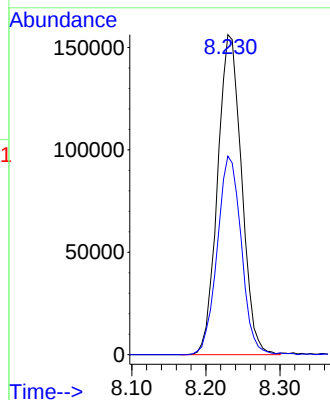
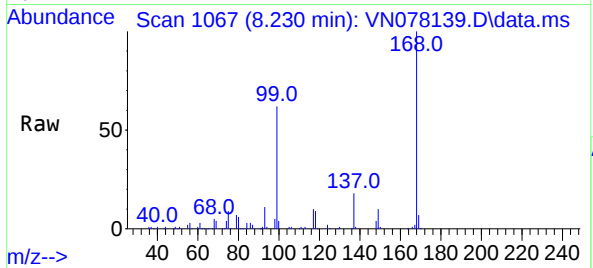




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

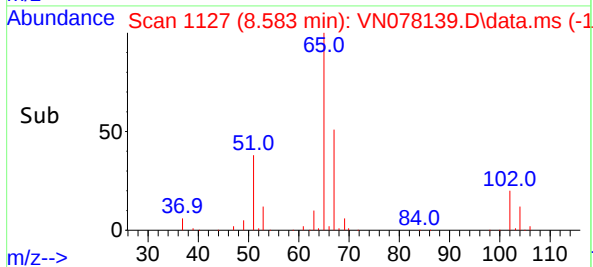
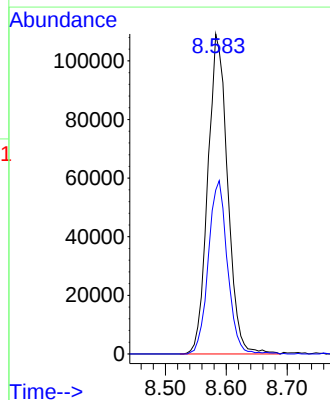
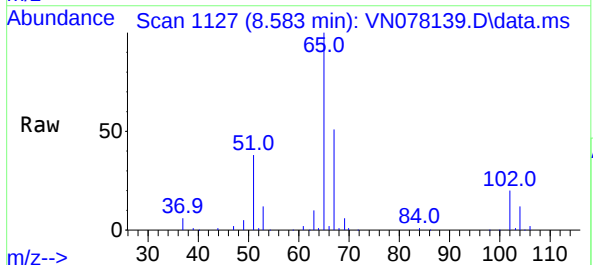
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-20230602

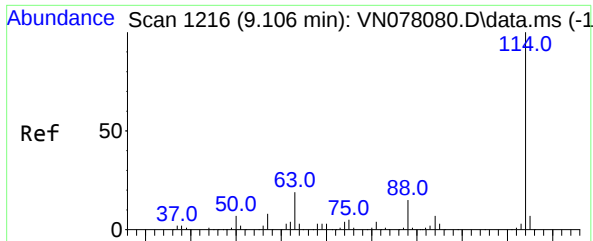
Tgt Ion:168 Resp: 351516
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.530 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

Tgt Ion: 65 Resp: 246199
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

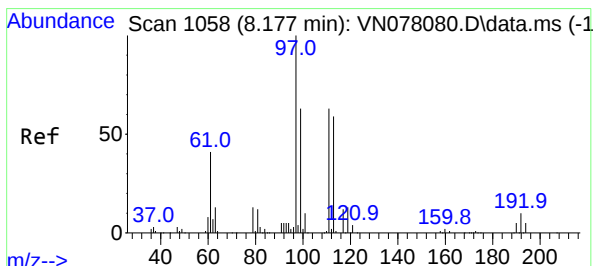
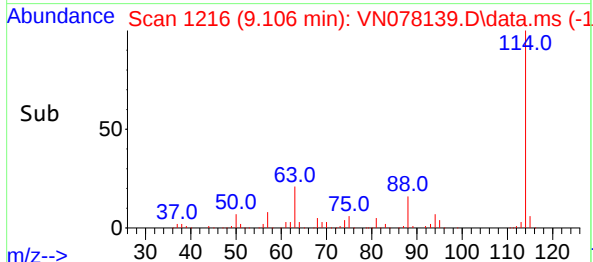
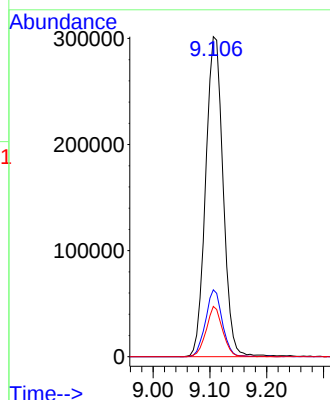
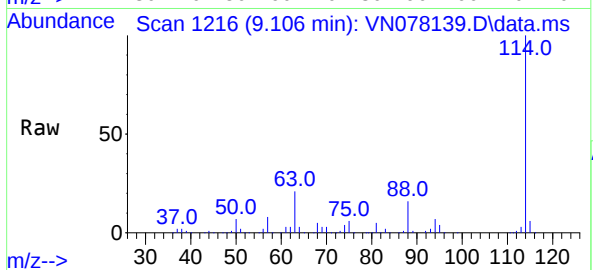




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

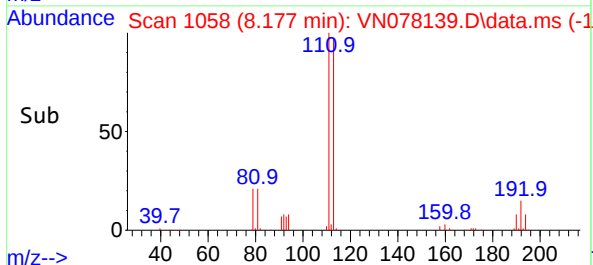
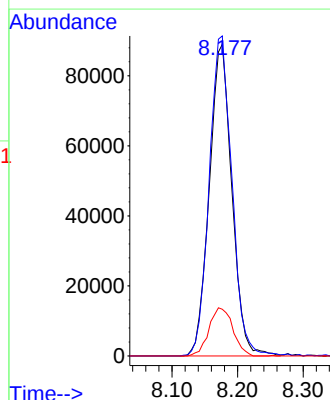
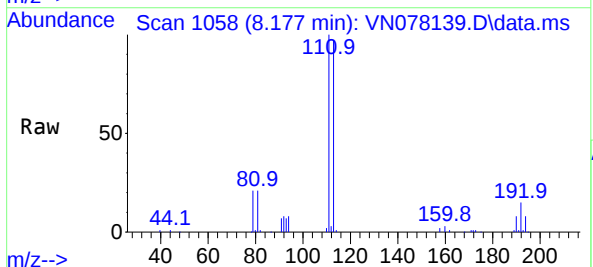
Instrument :
MSVOA_N
ClientSampleId :
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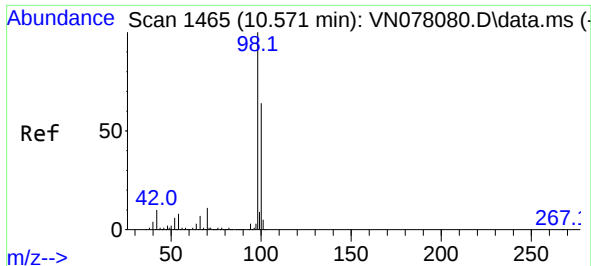
Tgt Ion:114 Resp: 641099
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.420 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

Tgt Ion:113 Resp: 212489
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 16.3 12.7 19.1

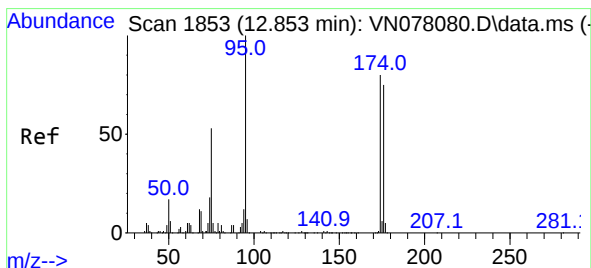
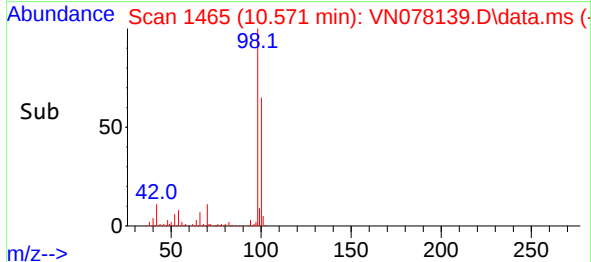
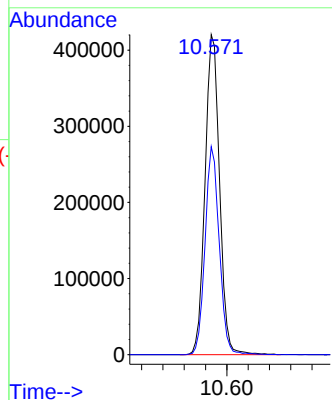
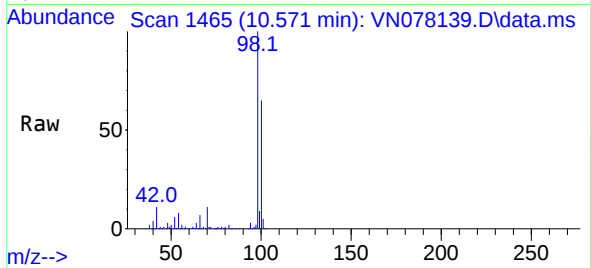




#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

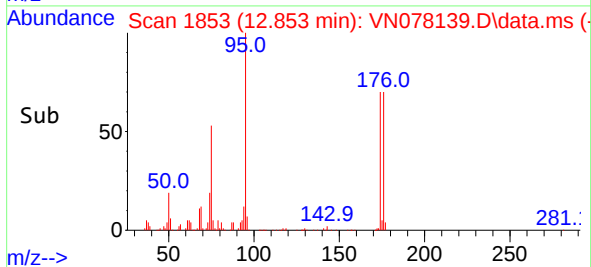
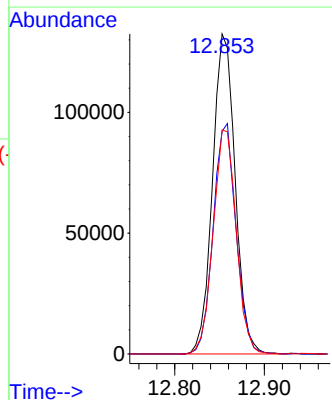
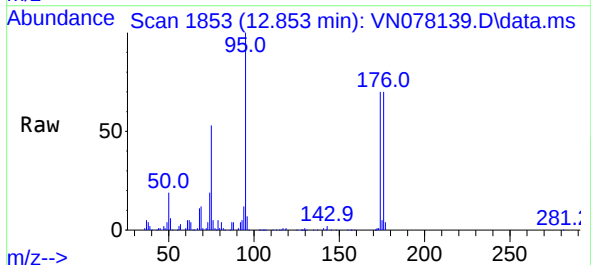
Instrument :
MSVOA_N
ClientSampleId :
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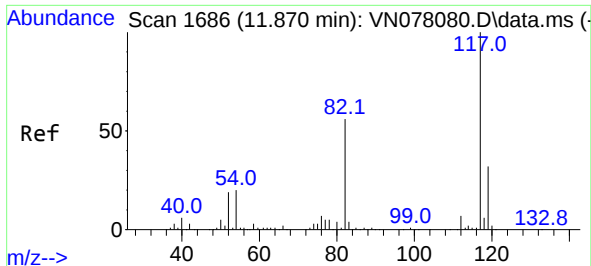
Tgt Ion: 98 Resp: 794458
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.680 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

Tgt Ion: 95 Resp: 231630
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 71.5 0.0 135.8

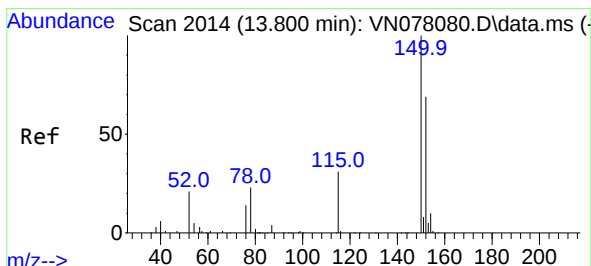
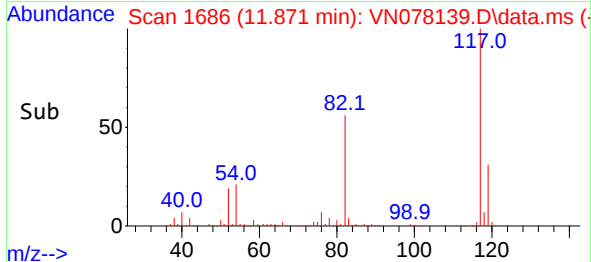
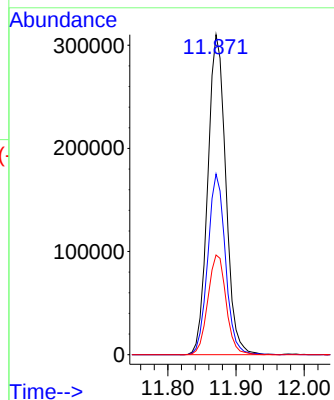
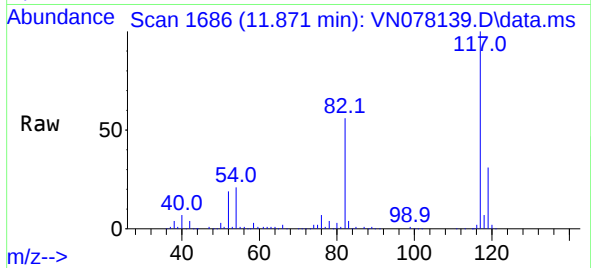




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-20230602

Tgt Ion:117 Resp: 570494
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078139.D
Acq: 09 Jun 2023 12:22

Tgt Ion:152 Resp: 159133
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 160.7 0.0 355.8

