

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078150.D
 Acq On : 09 Jun 2023 16:58
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 09 23:11:35 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)

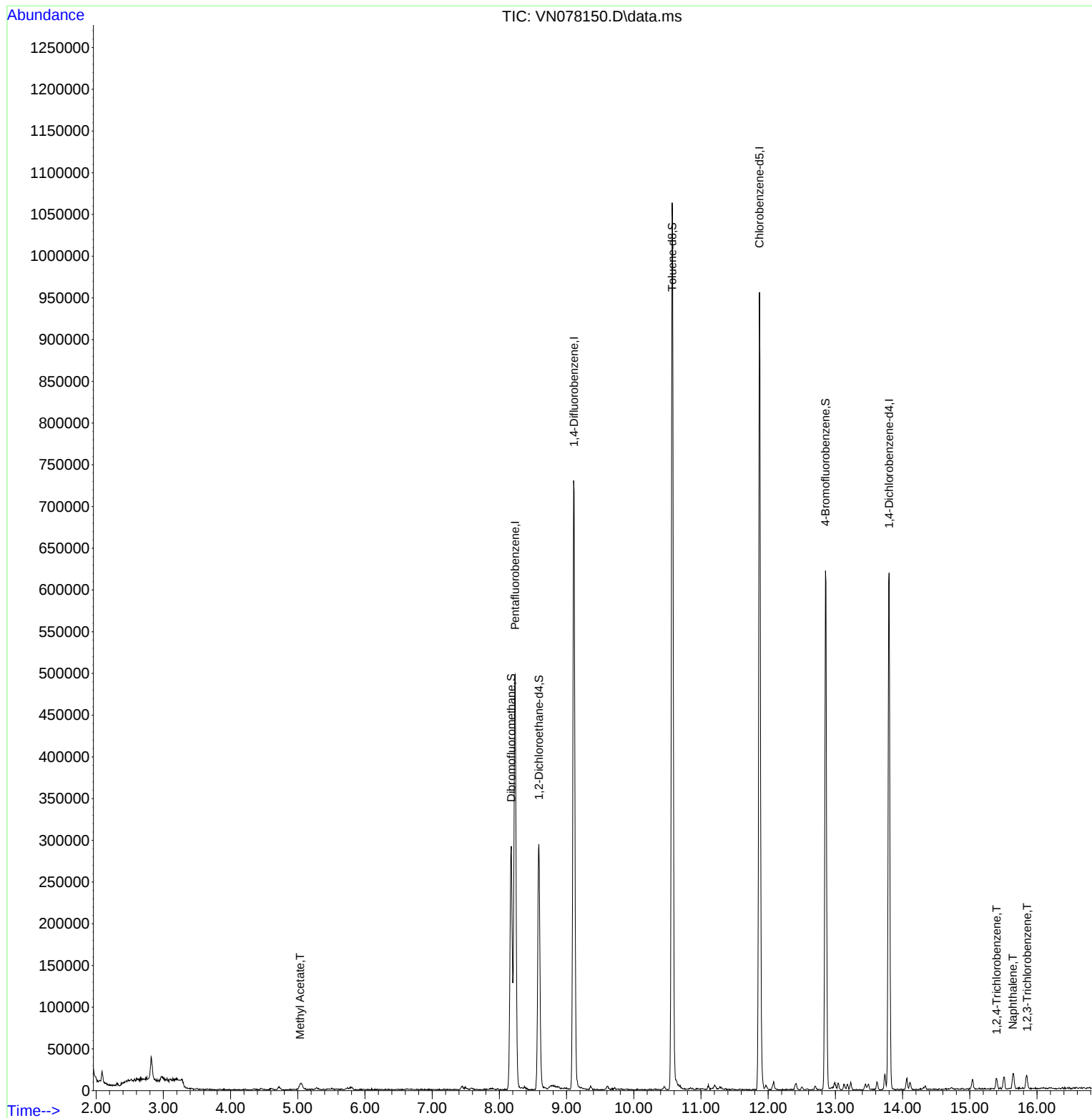
Internal Standards						
1) Pentafluorobenzene	8.235	168	354642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	646707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	568511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	171997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	246029	52.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.060%	
35) Dibromofluoromethane	8.177	113	214193	52.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	10.570	98	794774	50.418	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.853	95	228249	46.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.160%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	5.036	43	15540	2.480	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	4021	1.808	ug/l	88
95) Naphthalene	15.641	128	17892	2.392	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.852	180	5886	2.366	ug/l	98

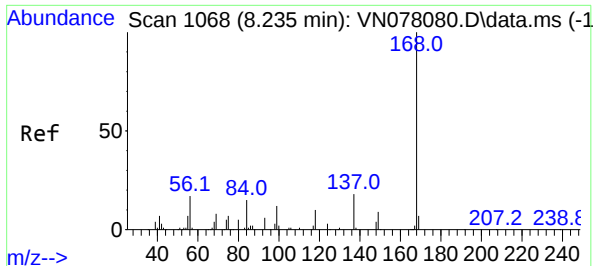
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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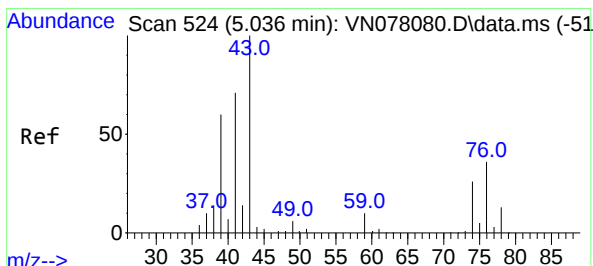
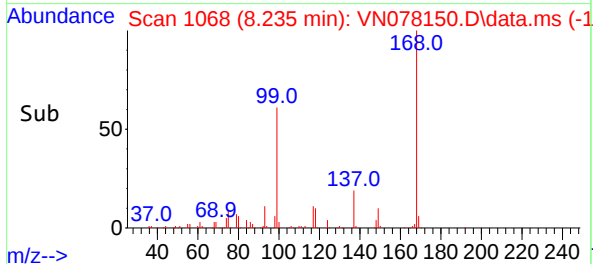
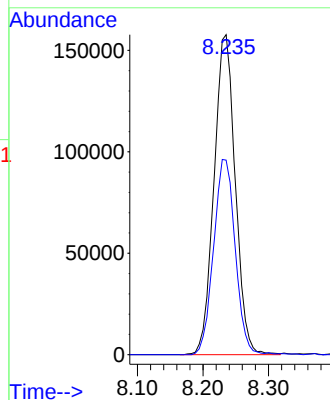
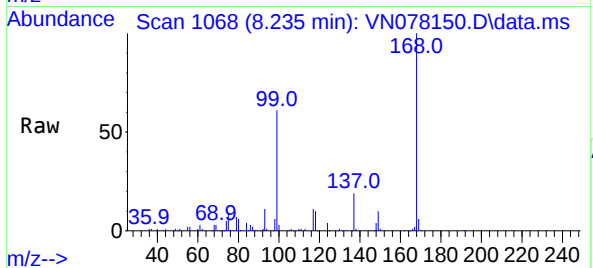




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

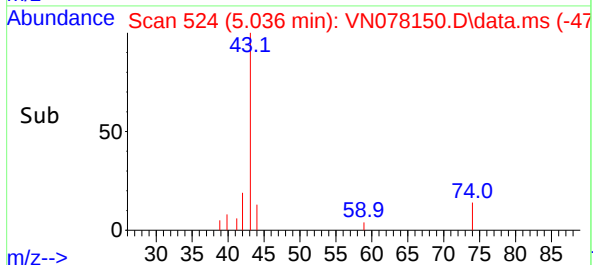
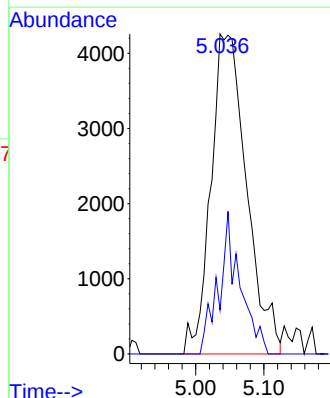
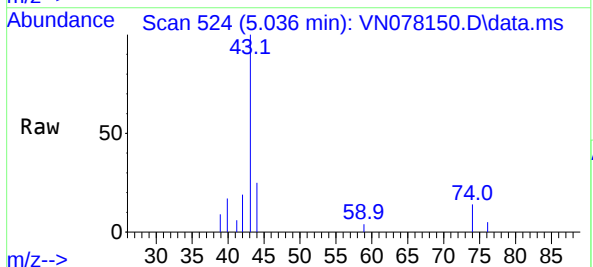
Instrument :
MSVOA_N
ClientSampleId :
IBLK

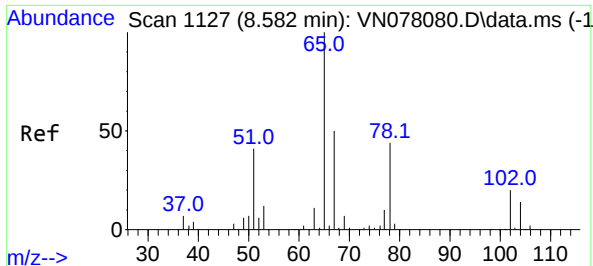
Tgt Ion:168 Resp: 354642
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#18
Methyl Acetate
Concen: 2.480 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

Tgt Ion: 43 Resp: 15540
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4

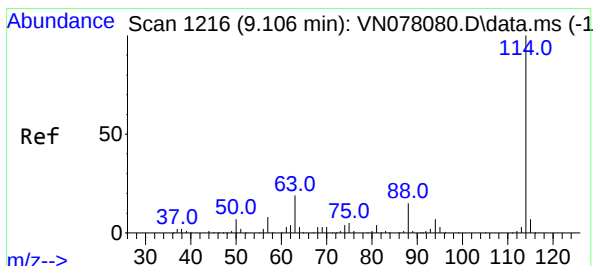
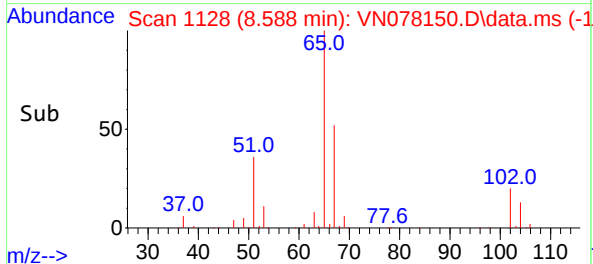
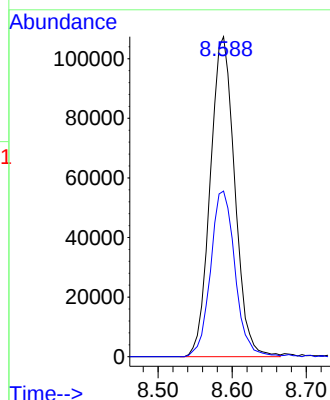
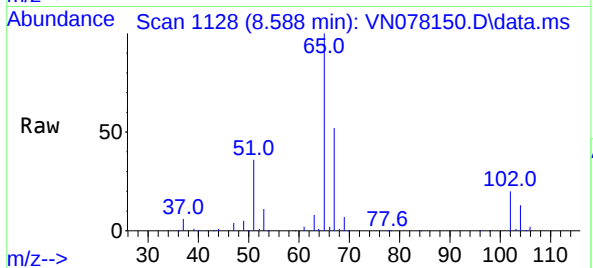




#33
1,2-Dichloroethane-d4
Concen: 52.032 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

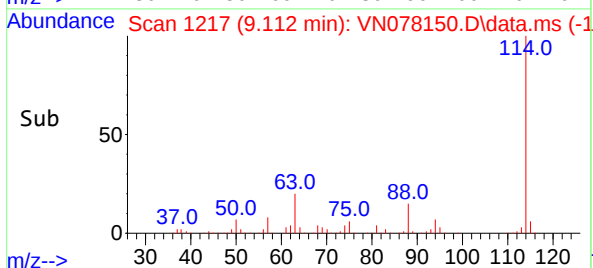
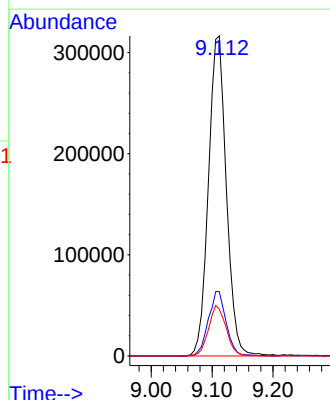
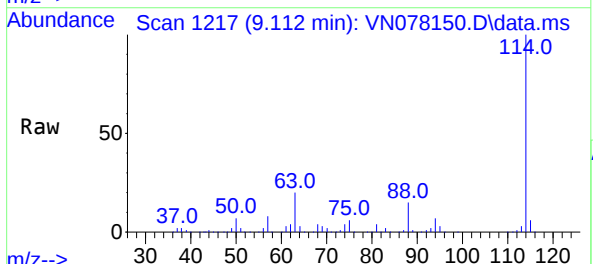
Instrument :
MSVOA_N
ClientSampleId :
IBLK

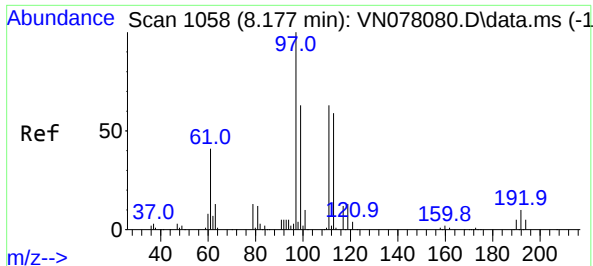
Tgt Ion: 65 Resp: 246029
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

Tgt Ion: 114 Resp: 646707
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 14.6 0.0 30.6

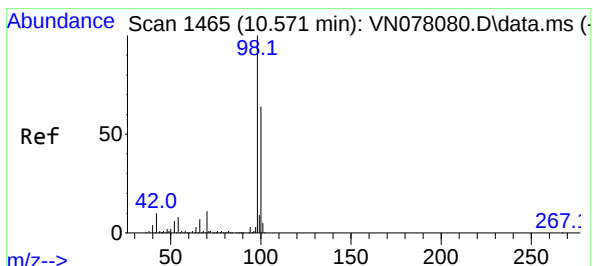
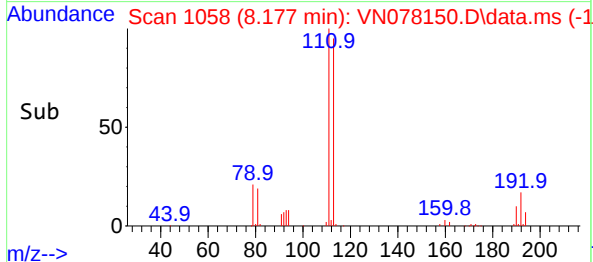
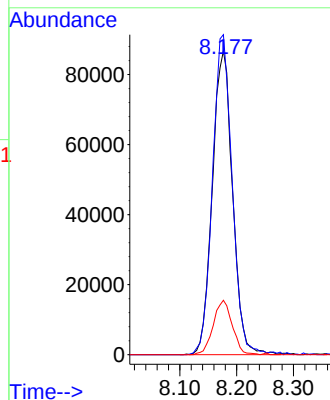
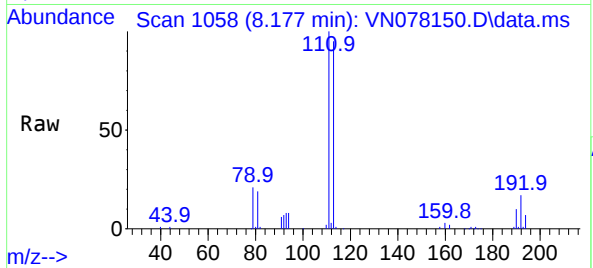




#35
Dibromofluoromethane
Concen: 52.382 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

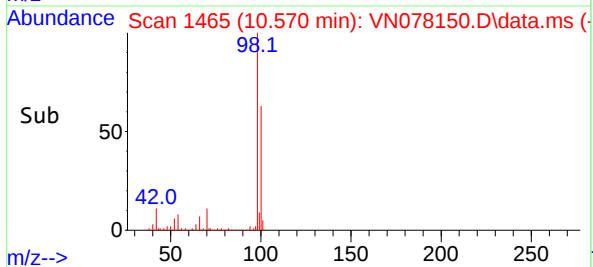
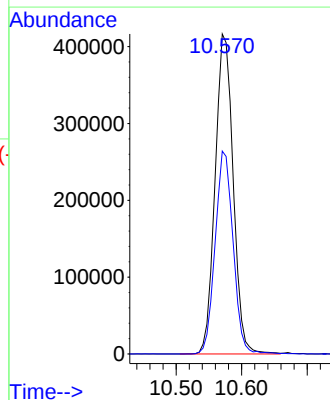
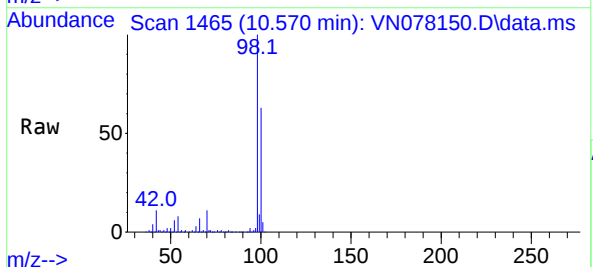
Instrument :
MSVOA_N
ClientSampleId :
IBLK

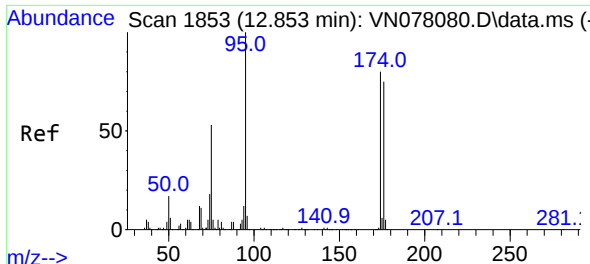
Tgt Ion:113 Resp: 214193
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 50.418 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

Tgt Ion: 98 Resp: 794774
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

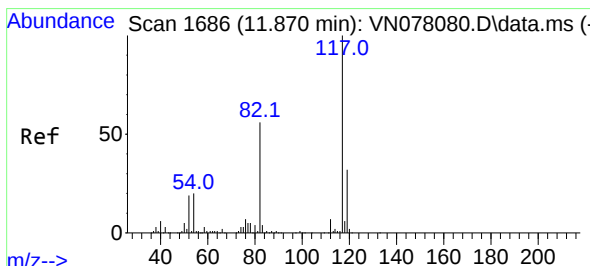
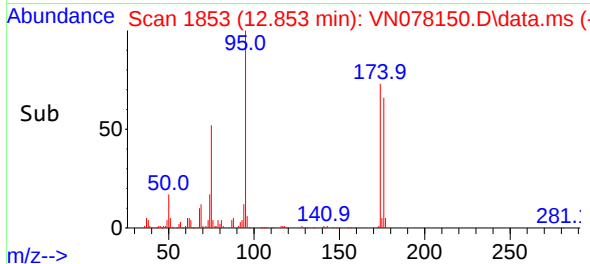
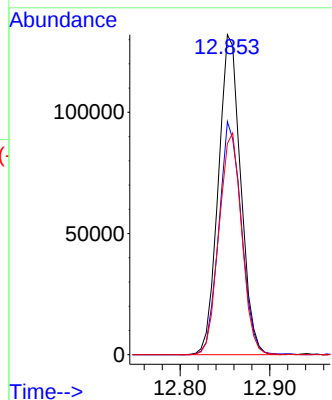
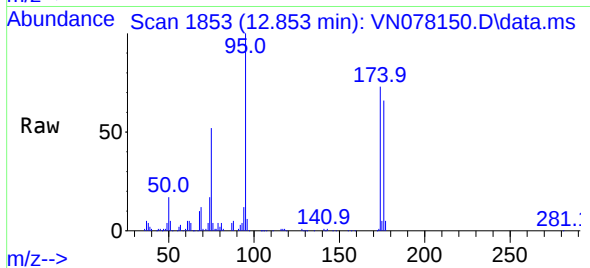




#62
4-Bromofluorobenzene
Concen: 46.576 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

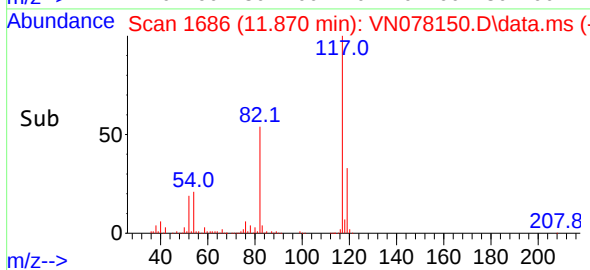
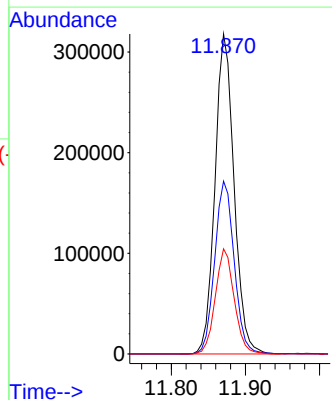
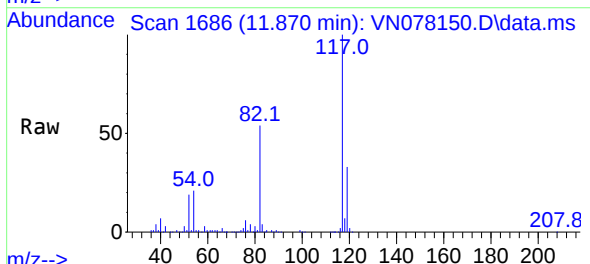
Instrument :
MSVOA_N
ClientSampleId :
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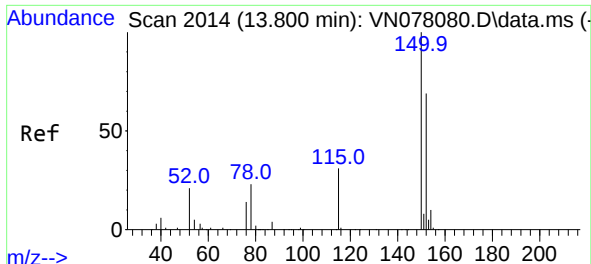
Tgt Ion: 95 Resp: 228249
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 70.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

Tgt Ion: 117 Resp: 568511
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 32.9 25.6 38.4

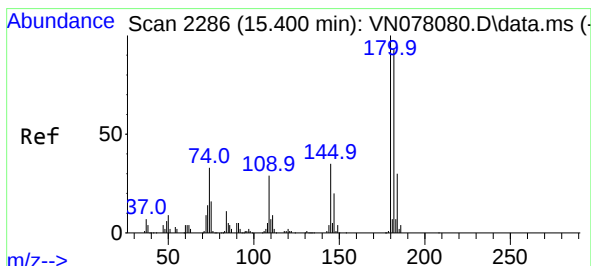
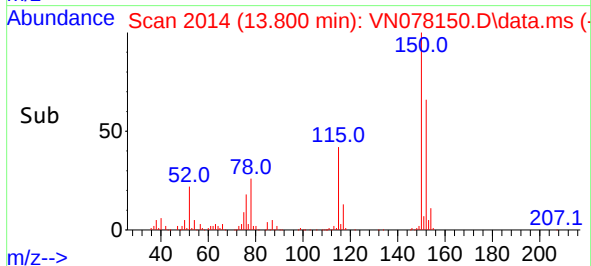
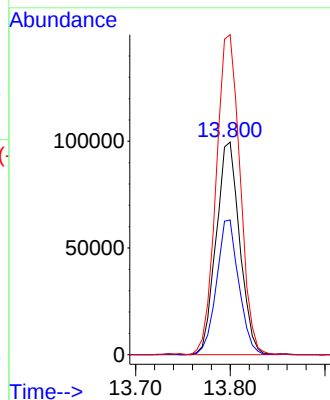
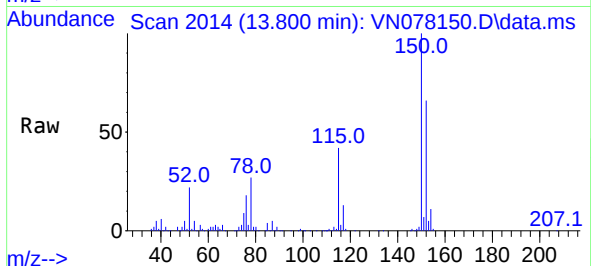




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078150.D
 Acq: 09 Jun 2023 16:58

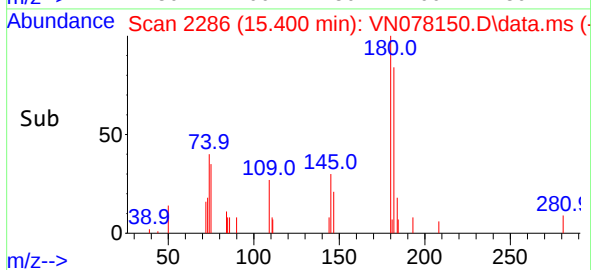
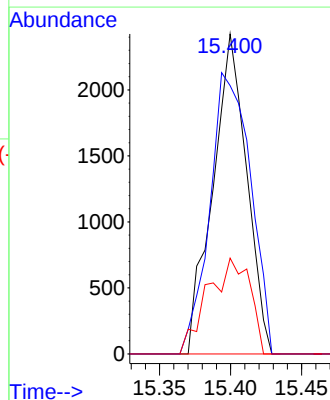
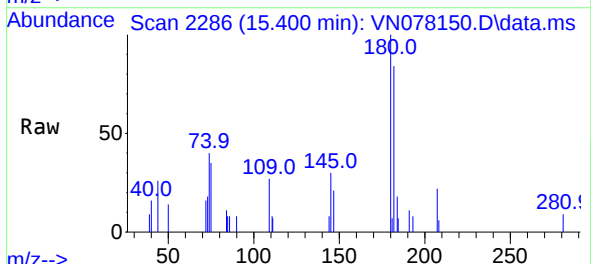
Instrument :
 MSVOA_N
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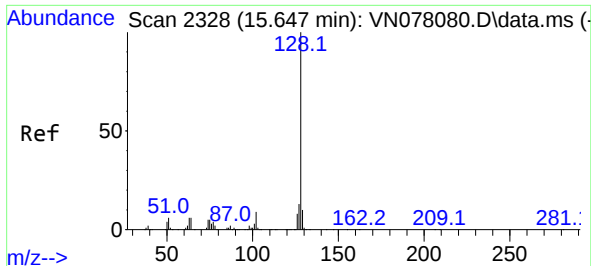
Tgt Ion:152 Resp: 171997
 Ion Ratio Lower Upper
 152 100
 115 60.3 32.3 96.8
 150 152.8 0.0 355.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.808 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078150.D
 Acq: 09 Jun 2023 16:58

Tgt Ion:180 Resp: 4021
 Ion Ratio Lower Upper
 180 100
 182 105.6 46.1 138.2
 145 37.1 16.6 49.8

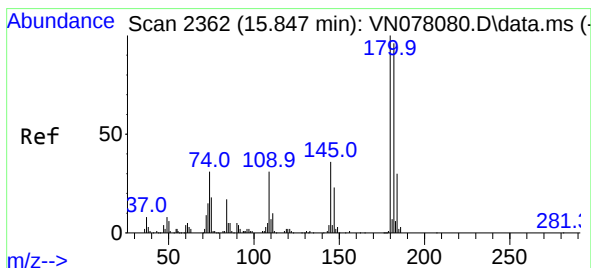
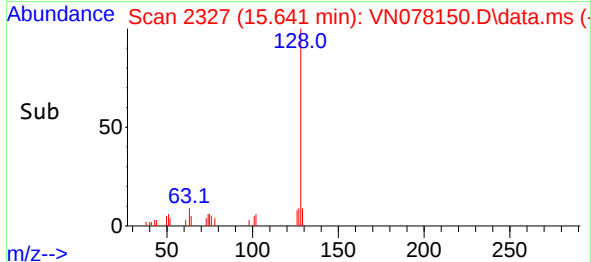
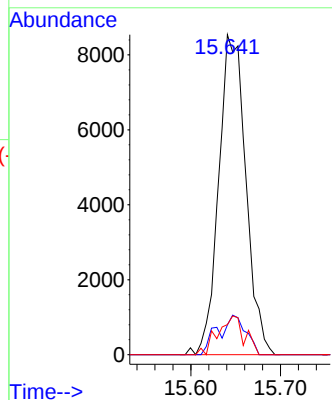
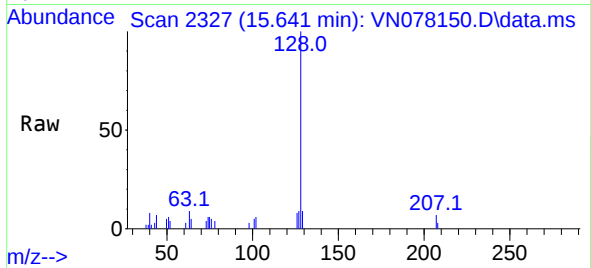




#95
Naphthalene
Concen: 2.392 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 17892
Ion Ratio Lower Upper
128 100
127 8.6 10.0 15.0#
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.366 ug/l
RT: 15.852 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN078150.D
Acq: 09 Jun 2023 16:58

Tgt Ion:180 Resp: 5886
Ion Ratio Lower Upper
180 100
182 89.9 46.2 138.6
145 35.2 17.5 52.6

