

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078498.D
 Acq On : 13 Jul 2023 14:59
 Operator : JC\MD
 Sample : 03606-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-293-308-071223

Quant Time: Jul 14 01:33:57 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)

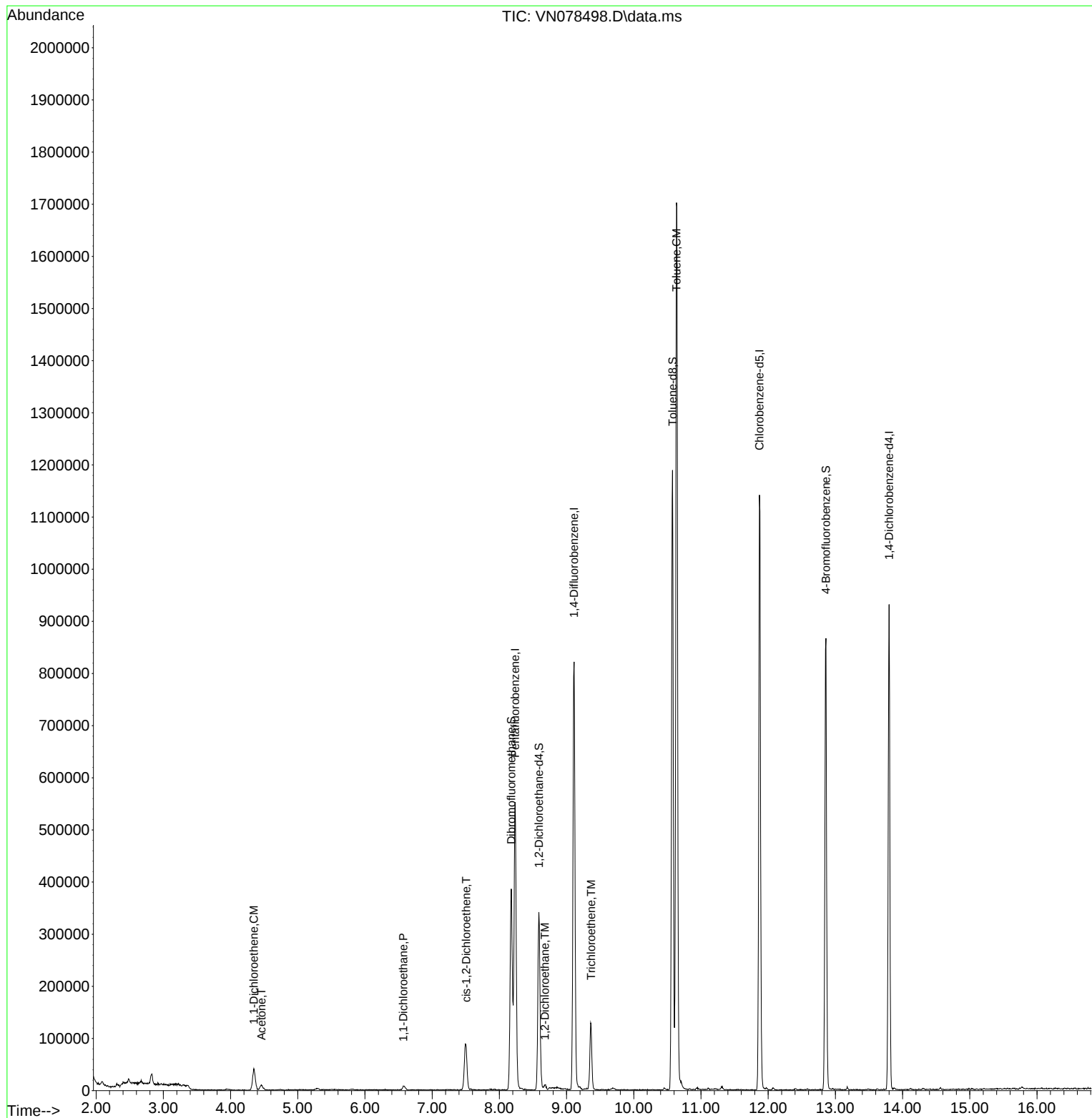
Internal Standards						
1) Pentafluorobenzene	8.235	168	403404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	735777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	696868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	254831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275042	50.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.720%			
35) Dibromofluoromethane	8.177	113	280632	56.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.380%			
50) Toluene-d8	10.576	98	858507	45.500	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.000%			
62) 4-Bromofluorobenzene	12.859	95	310759	53.470	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.940%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.347	96	23969	5.631	ug/l	96
16) Acetone	4.459	43	18133	10.764	ug/l	94
24) 1,1-Dichloroethane	6.571	63	10806	1.231	ug/l	97
27) cis-1,2-Dichloroethene	7.506	96	54931	9.899	ug/l	97
42) 1,2-Dichloroethane	8.677	62	7246	0.997	ug/l	88
44) Trichloroethene	9.365	130	45077	7.828	ug/l	94
52) Toluene	10.635	92	772534	58.340	ug/l	96

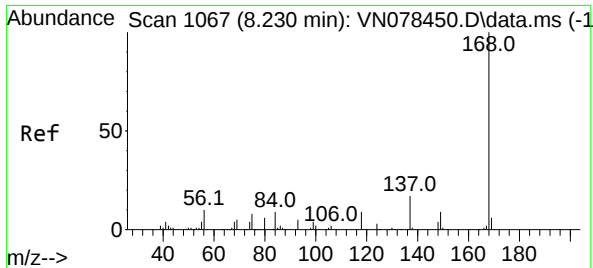
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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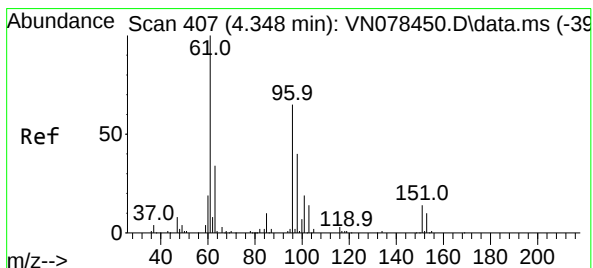
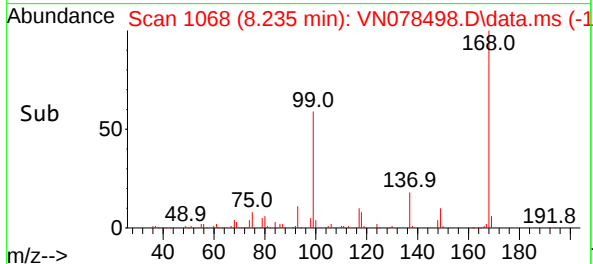
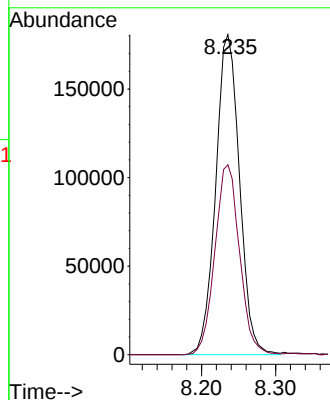
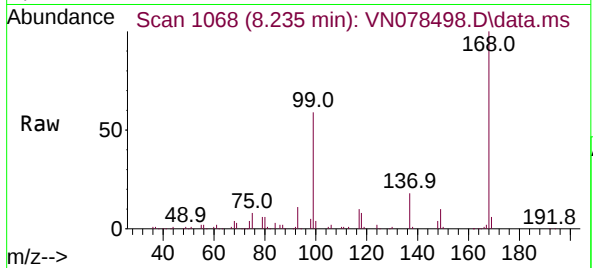




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078498.D
Acq: 13 Jul 2023 14:59

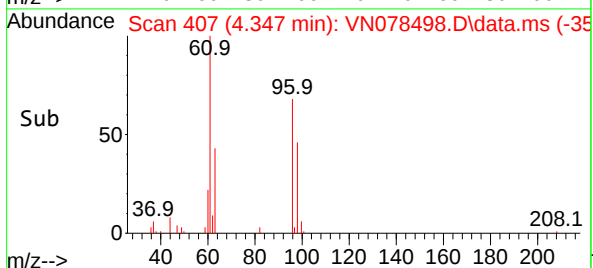
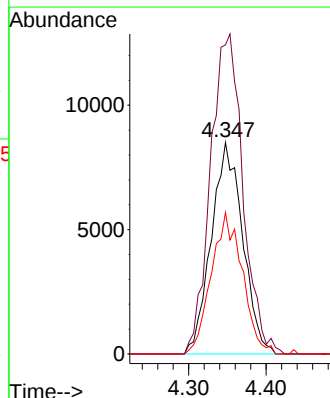
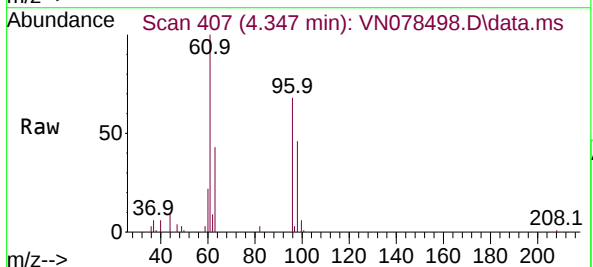
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223

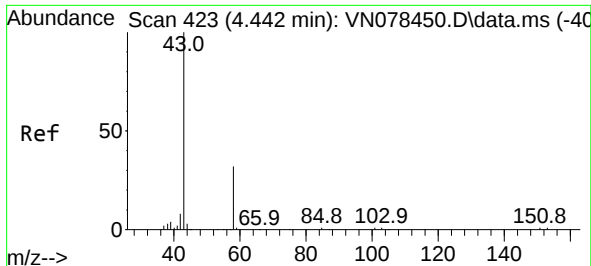
Tgt Ion:168 Resp: 403404
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#12
1,1-Dichloroethene
Concen: 5.631 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078498.D
Acq: 13 Jul 2023 14:59

Tgt Ion: 96 Resp: 23969
Ion Ratio Lower Upper
96 100
61 146.1 112.7 169.1
98 66.9 51.2 76.8





#16

Acetone

Concen: 10.764 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN078498.D

Acq: 13 Jul 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

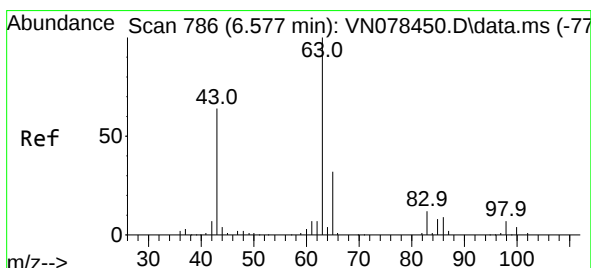
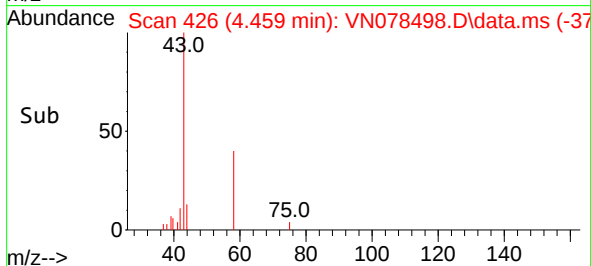
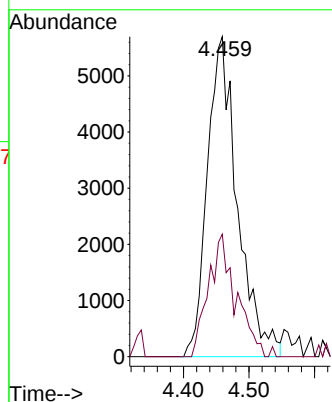
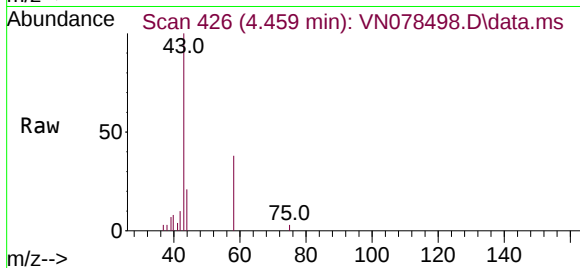
GWBR-04-293-308-071223

Tgt Ion: 43 Resp: 18133

Ion Ratio Lower Upper

43 100

58 38.3 28.0 42.0



#24

1,1-Dichloroethane

Concen: 1.231 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN078498.D

Acq: 13 Jul 2023 14:59

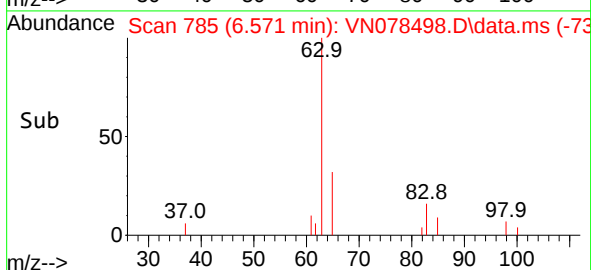
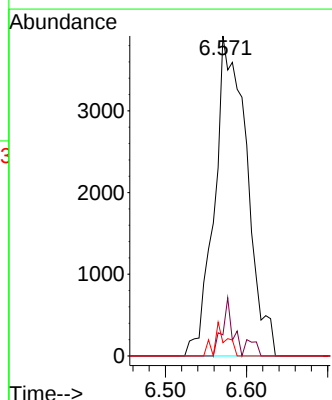
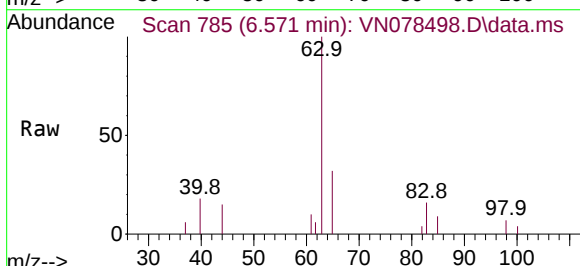
Tgt Ion: 63 Resp: 10806

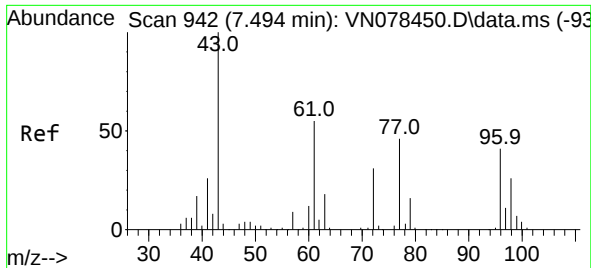
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.2 2.5 7.4

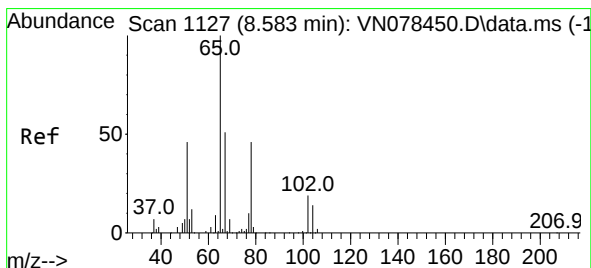
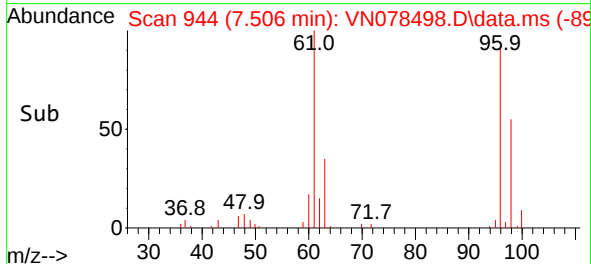
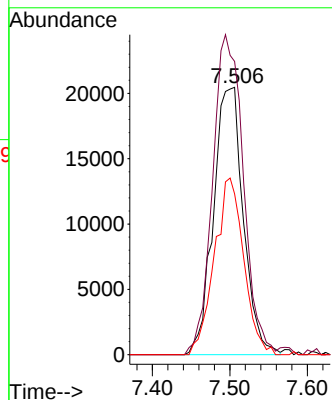
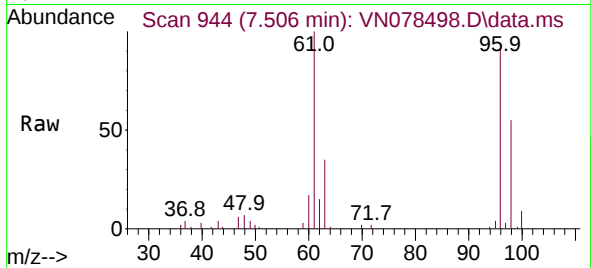




#27
 cis-1,2-Dichloroethene
 Concen: 9.899 ug/l
 RT: 7.506 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: VN078498.D
 Acq: 13 Jul 2023 14:59

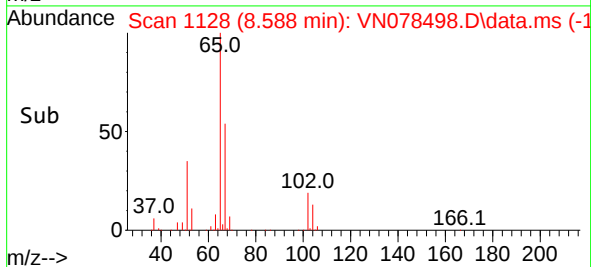
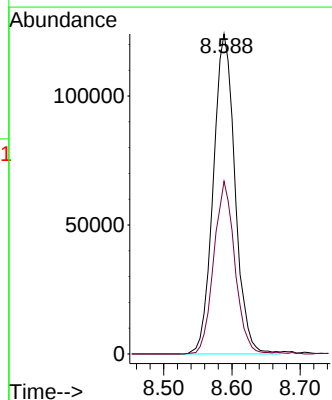
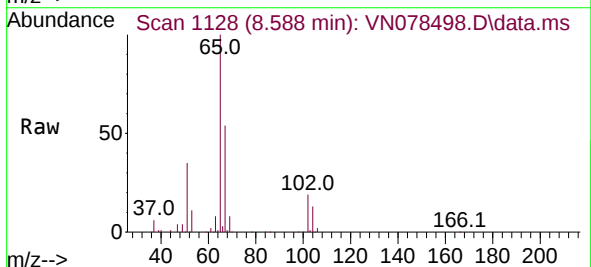
Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-293-308-071223

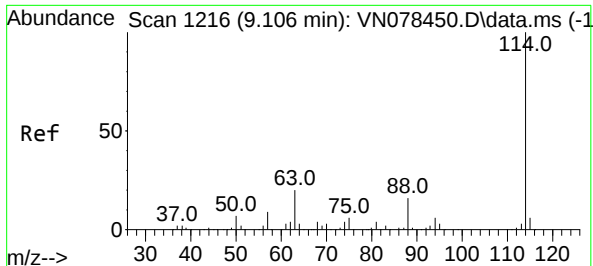
Tgt Ion: 96 Resp: 54931
 Ion Ratio Lower Upper
 96 100
 61 122.5 0.0 255.2
 98 64.8 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 50.858 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.005 min
 Lab File: VN078498.D
 Acq: 13 Jul 2023 14:59

Tgt Ion: 65 Resp: 275042
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078498.D

Acq: 13 Jul 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

GWBR-04-293-308-071223

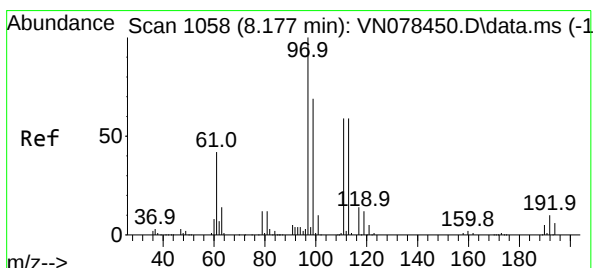
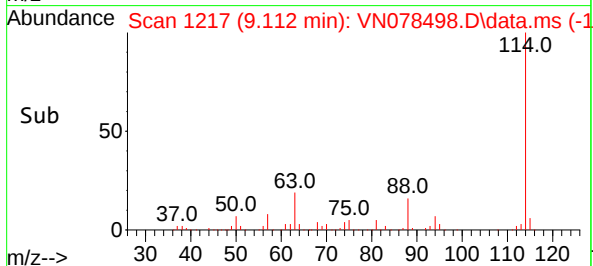
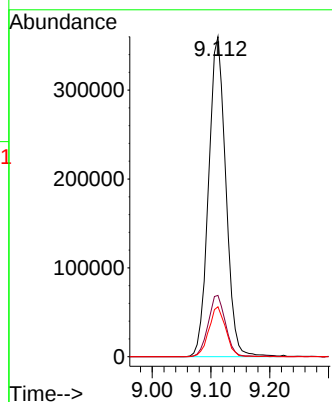
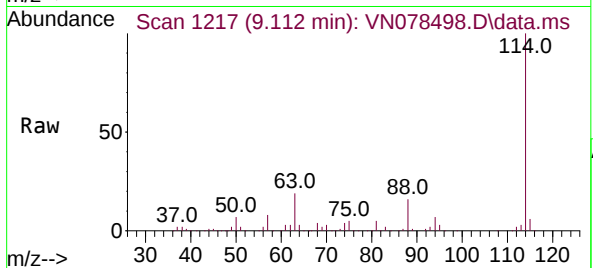
Tgt Ion:114 Resp: 735777

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.186 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078498.D

Acq: 13 Jul 2023 14:59

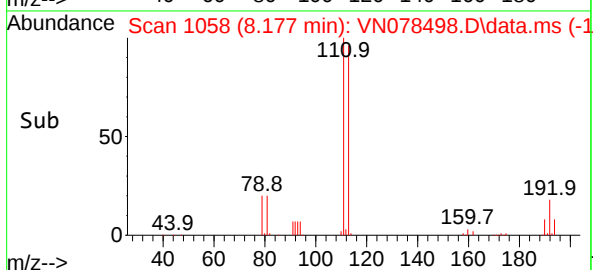
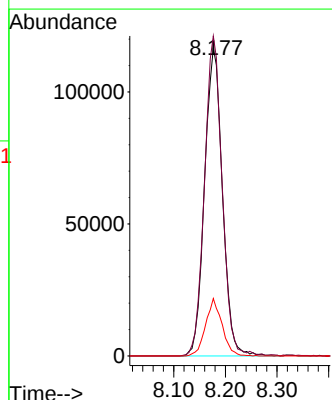
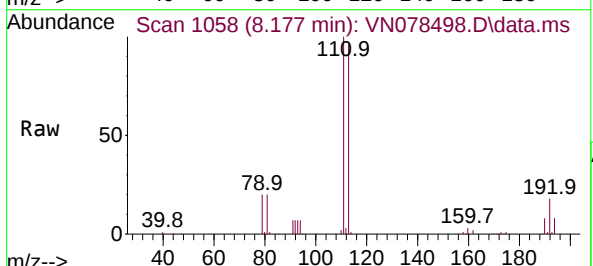
Tgt Ion:113 Resp: 280632

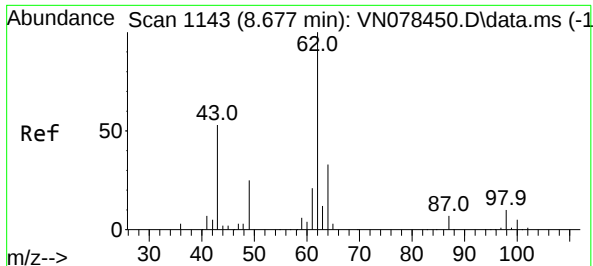
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 17.1 12.7 19.1





#42

1,2-Dichloroethane

Concen: 0.997 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN078498.D

Acq: 13 Jul 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

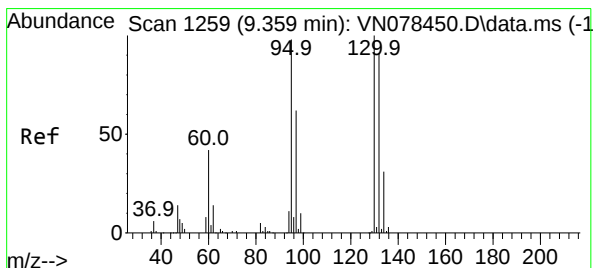
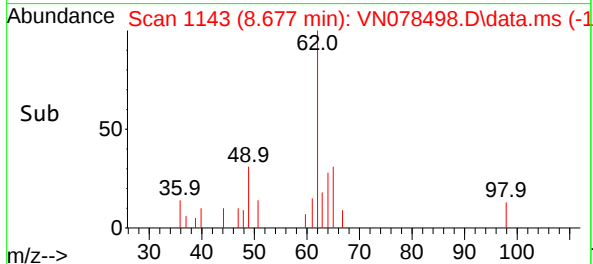
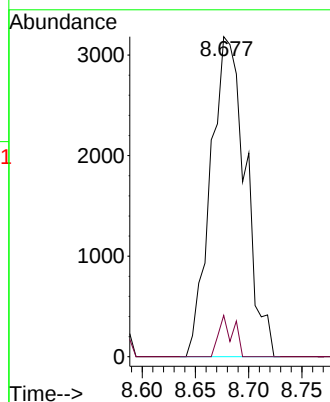
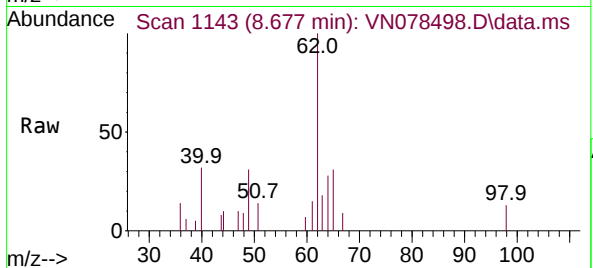
GWBR-04-293-308-071223

Tgt Ion: 62 Resp: 7246

Ion Ratio Lower Upper

62 100

98 5.4 0.0 19.8



#44

Trichloroethene

Concen: 7.828 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN078498.D

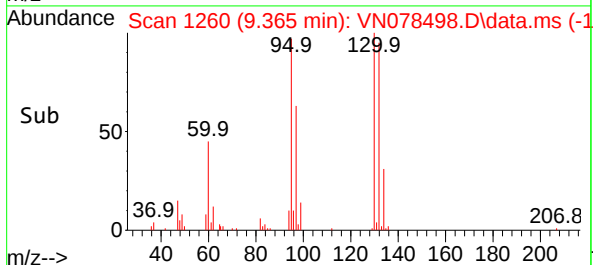
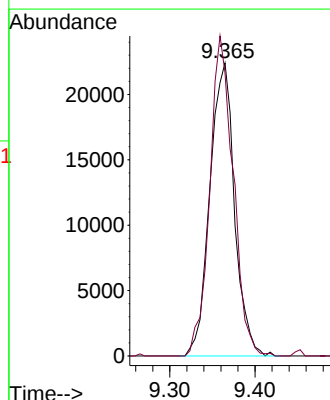
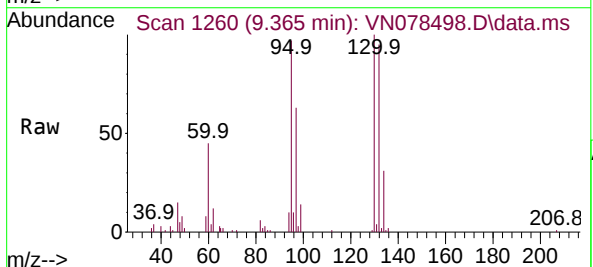
Acq: 13 Jul 2023 14:59

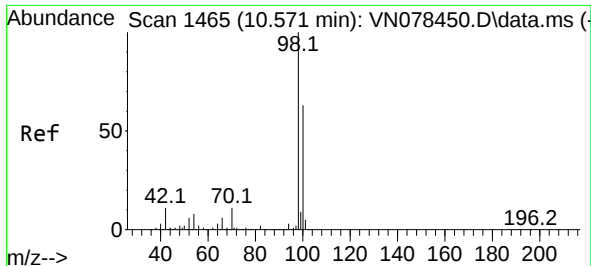
Tgt Ion:130 Resp: 45077

Ion Ratio Lower Upper

130 100

95 96.6 0.0 204.6

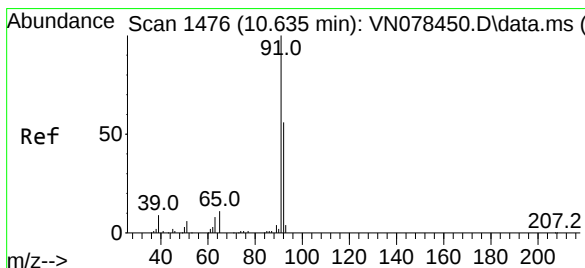
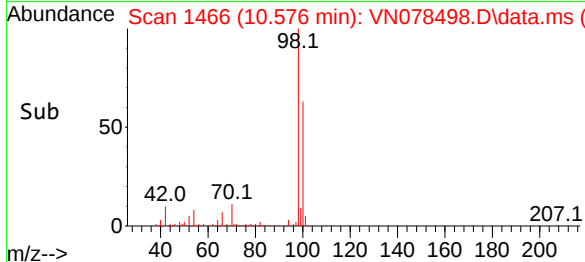
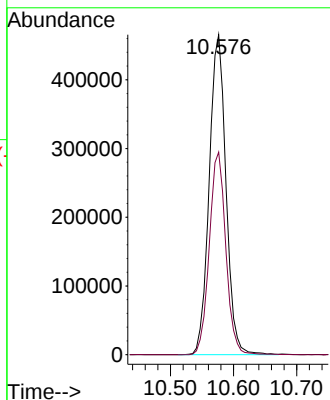
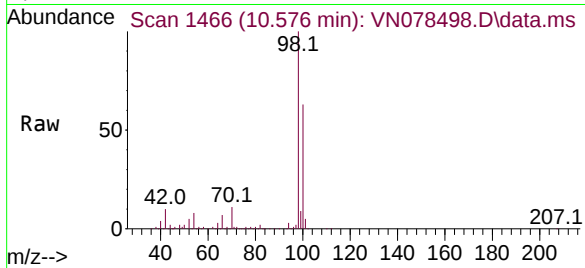




#50
Toluene-d8
Concen: 45.500 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078498.D
Acq: 13 Jul 2023 14:59

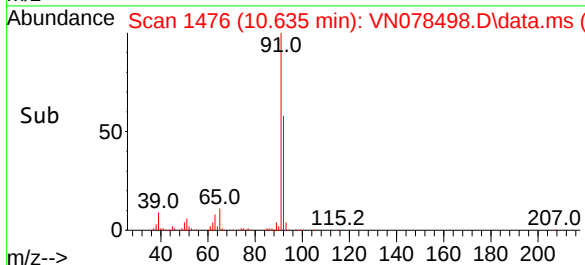
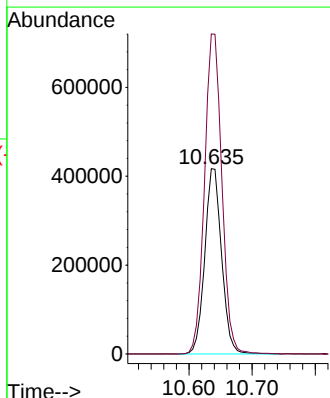
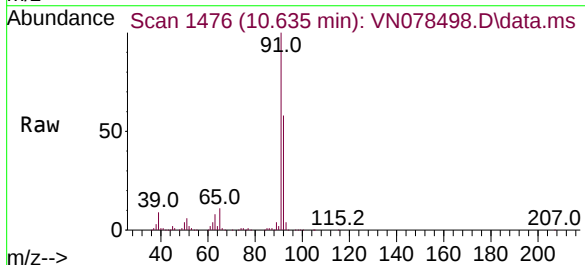
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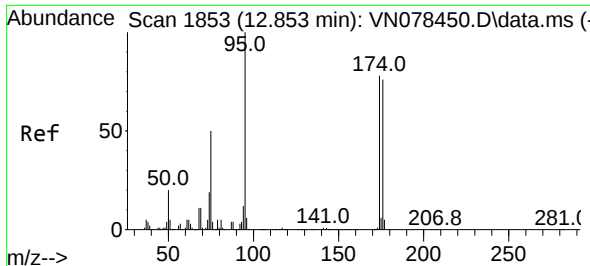
Tgt Ion: 98 Resp: 858507
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0



#52
Toluene
Concen: 58.340 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078498.D
Acq: 13 Jul 2023 14:59

Tgt Ion: 92 Resp: 772534
Ion Ratio Lower Upper
92 100
91 177.8 137.4 206.0

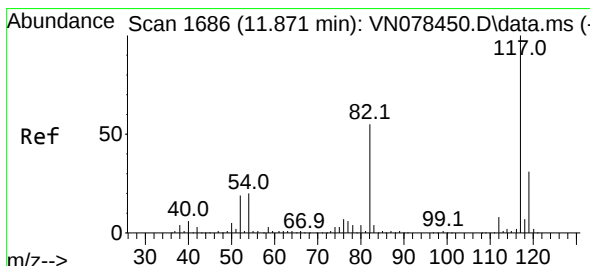
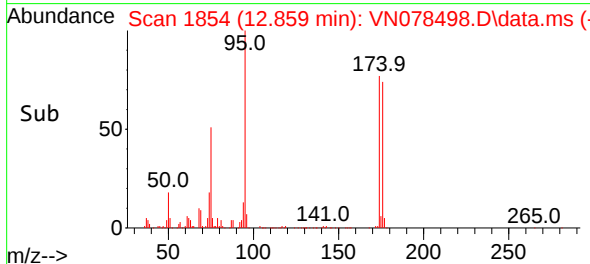
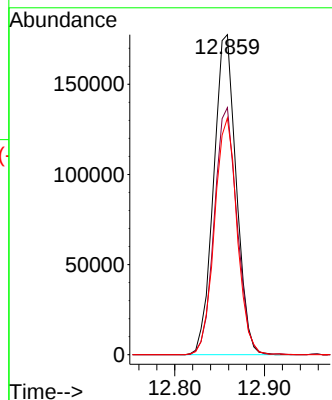
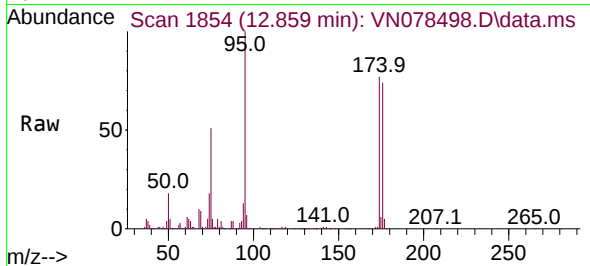




#62
4-Bromofluorobenzene
Concen: 53.470 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078498.D
Acq: 13 Jul 2023 14:59

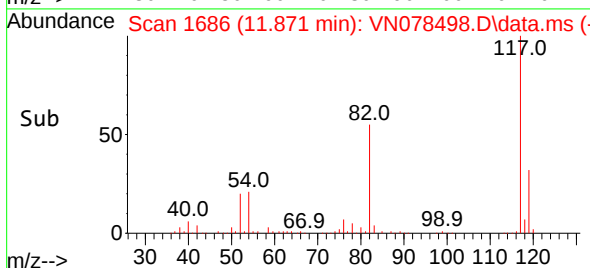
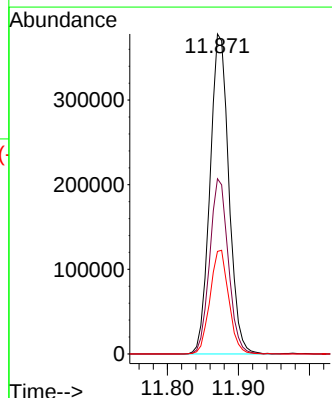
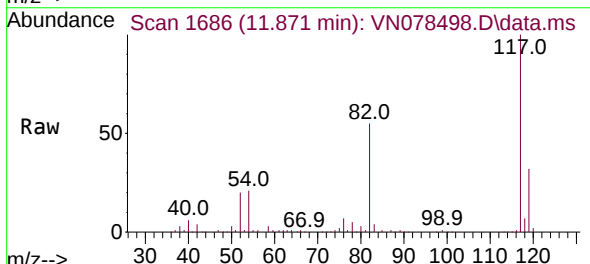
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223

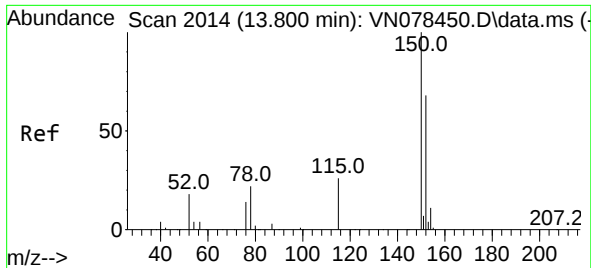
Tgt Ion: 95 Resp: 310759
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078498.D
Acq: 13 Jul 2023 14:59

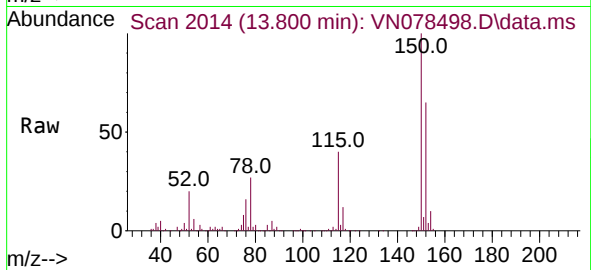
Tgt Ion: 117 Resp: 696868
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078498.D
 Acq: 13 Jul 2023 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-293-308-071223



Tgt Ion:152 Resp: 254831
 Ion Ratio Lower Upper
 152 100
 115 60.3 32.3 96.8
 150 158.0 0.0 355.8

