

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078254.D
 Acq On : 16 Jun 2023 12:50
 Operator : JC\MD
 Sample : 03299-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-190-210-061523

Quant Time: Jun 17 02:21:57 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)

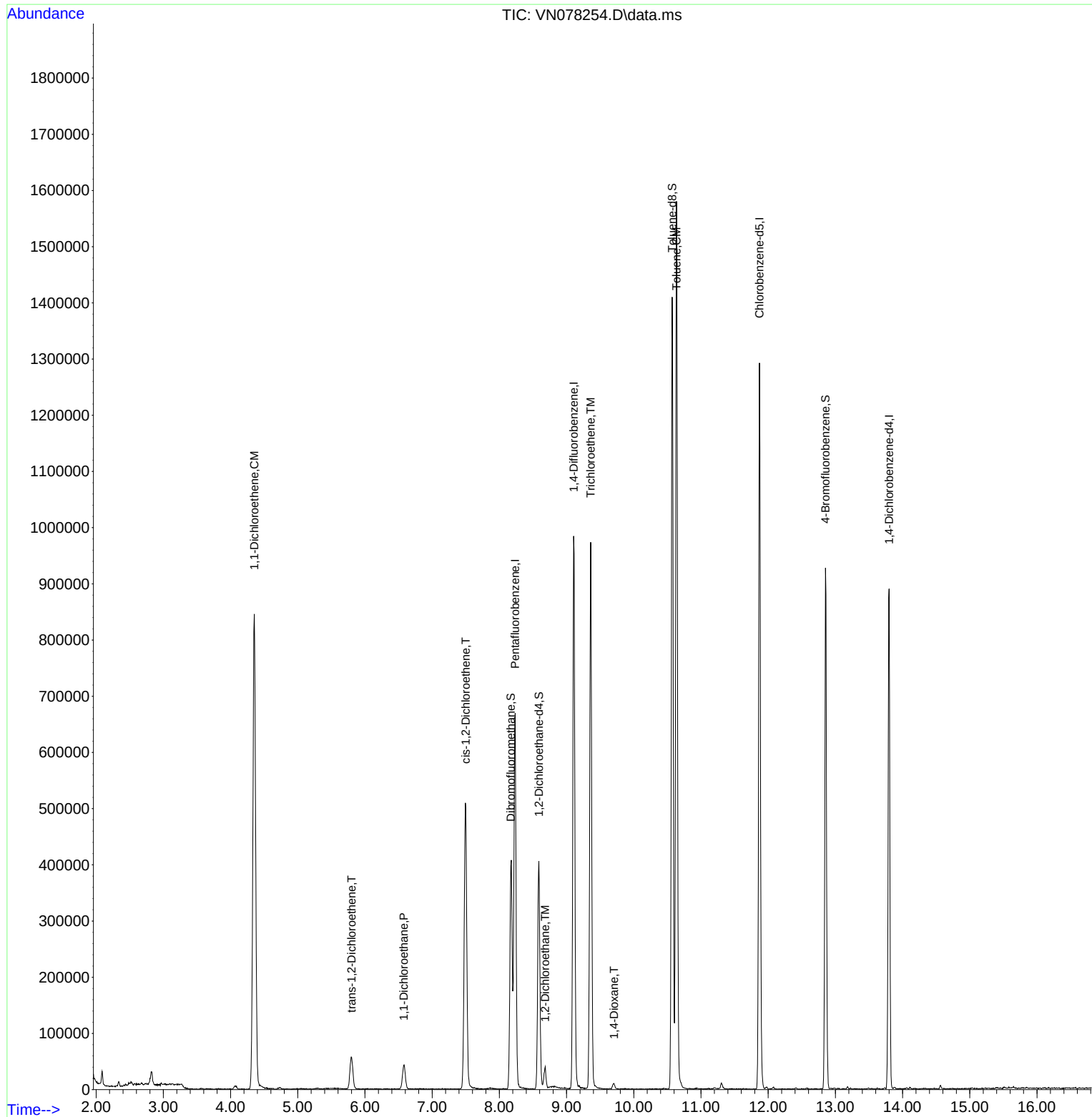
Internal Standards						
1) Pentafluorobenzene	8.235	168	472657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	853196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	758829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	241824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	333902	52.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.960%	
35) Dibromofluoromethane	8.171	113	302332	56.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.080%	
50) Toluene-d8	10.571	98	1013658	48.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.853	95	317194	49.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.120%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.353	96	507031	98.235	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	36944	6.636	ug/l	88
24) 1,1-Dichloroethane	6.577	63	60685	6.207	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	316081	47.600	ug/l	97
42) 1,2-Dichloroethane	8.682	62	35845	4.525	ug/l	97
44) Trichloroethene	9.359	130	335004	54.912	ug/l	98
49) 1,4-Dioxane	9.706	88	8016	78.613	ug/l #	85
52) Toluene	10.635	92	698005	47.856	ug/l	96

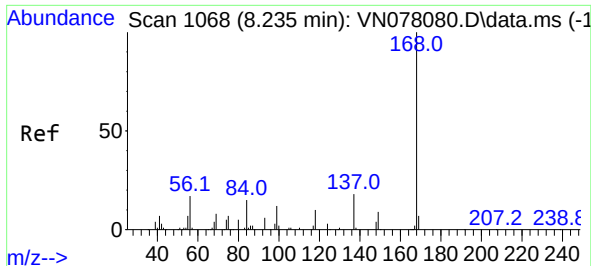
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078254.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

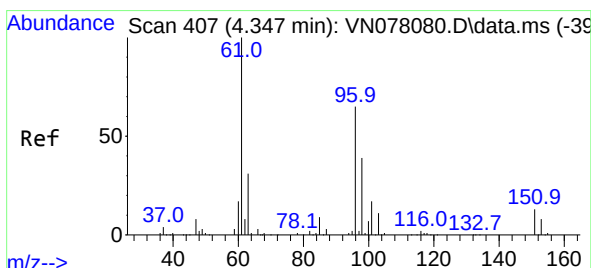
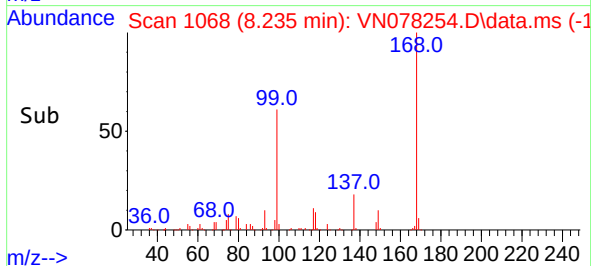
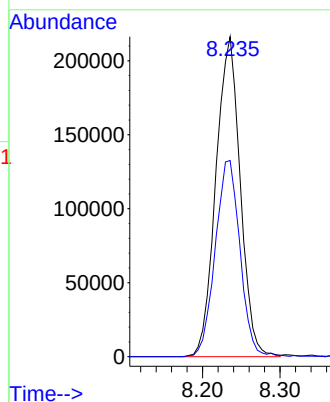
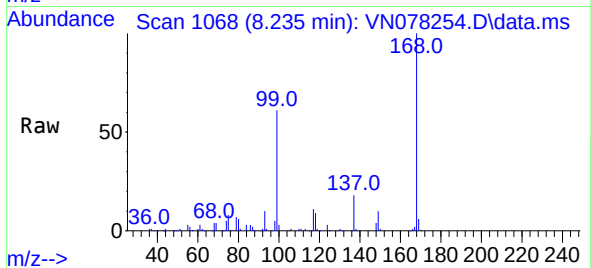
GWOW-BR-05-190-210-061523

Tgt Ion:168 Resp: 472657

Ion Ratio Lower Upper

168 100

99 61.3 53.0 79.6



#12

1,1-Dichloroethene

Concen: 98.235 ug/l

RT: 4.353 min Scan# 408

Delta R.T. 0.006 min

Lab File: VN078254.D

Acq: 16 Jun 2023 12:50

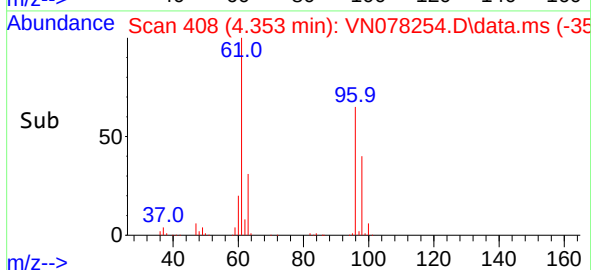
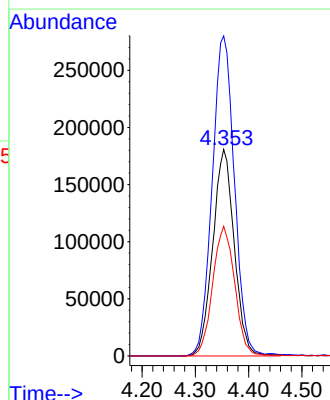
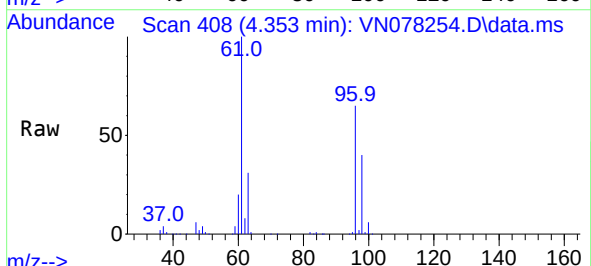
Tgt Ion: 96 Resp: 507031

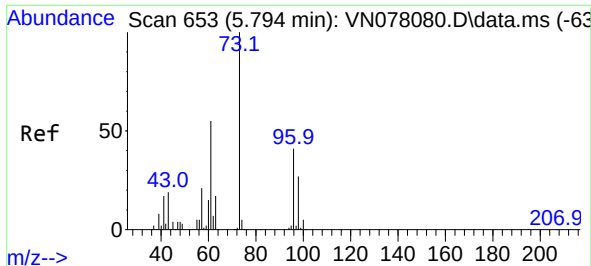
Ion Ratio Lower Upper

96 100

61 155.0 112.7 169.1

98 62.7 51.2 76.8

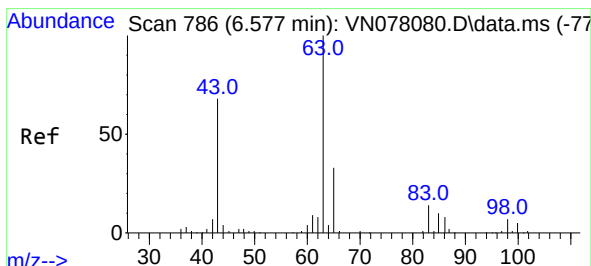
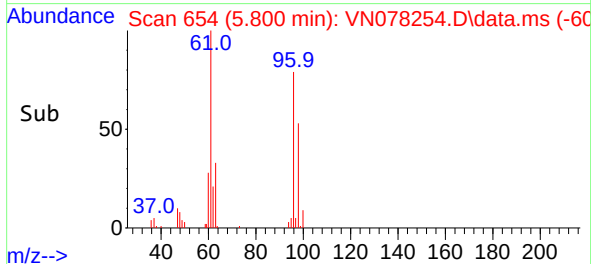
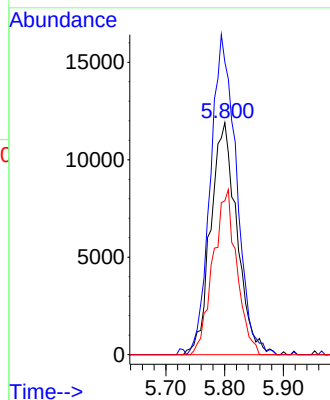
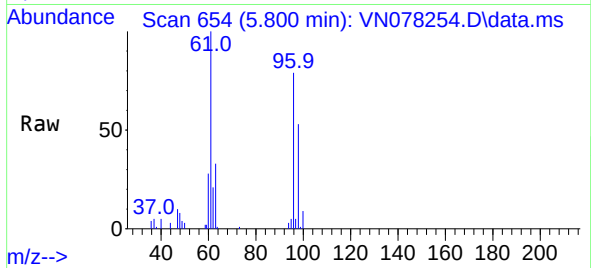




#21
trans-1,2-Dichloroethene
Concen: 6.636 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

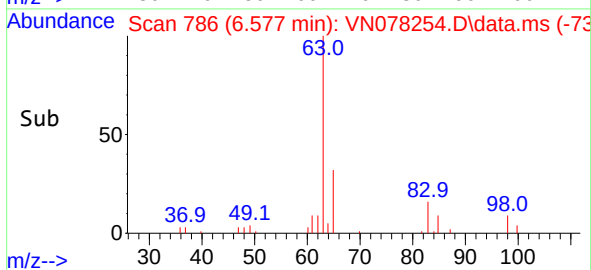
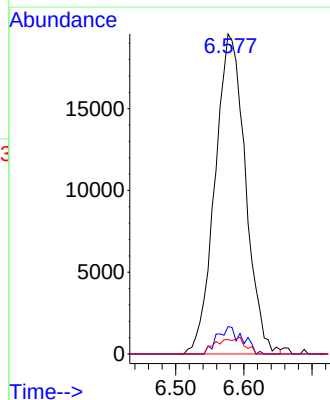
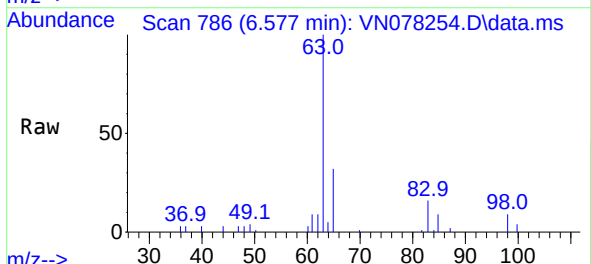
Instrument :
MSVOA_N
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GWOW-BR-05-190-210-061523

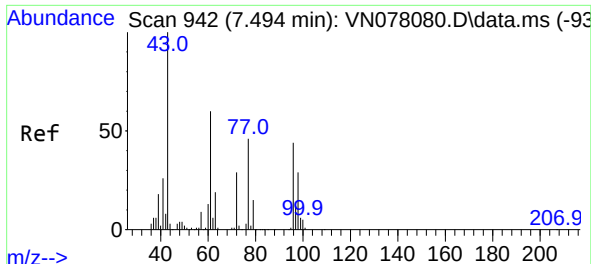
Tgt Ion: 96 Resp: 36944
Ion Ratio Lower Upper
96 100
61 126.2 90.1 135.1
98 66.4 46.4 69.6



#24
1,1-Dichloroethane
Concen: 6.207 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 63 Resp: 60685
Ion Ratio Lower Upper
63 100
98 8.5 3.9 11.7
100 4.5 2.5 7.4

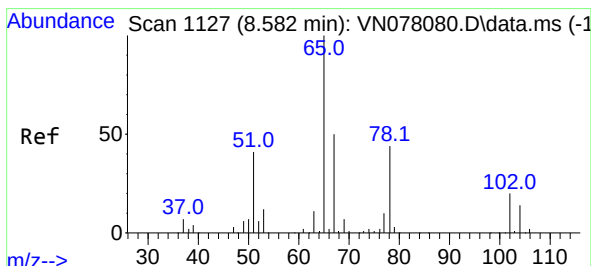
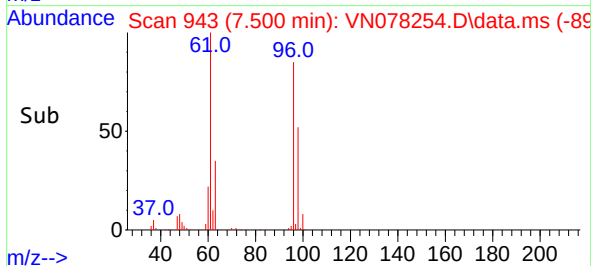
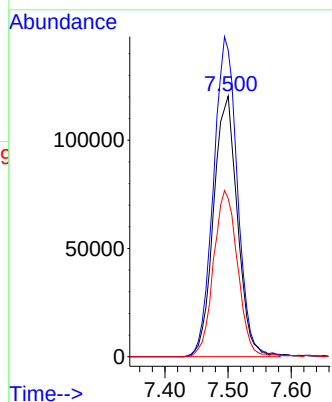
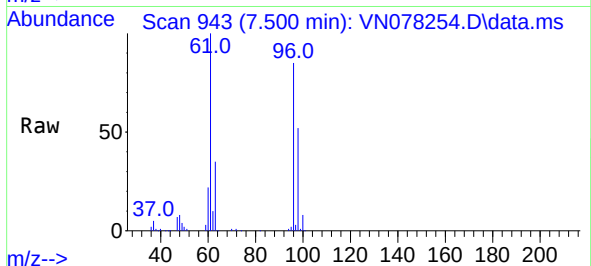




#27
cis-1,2-Dichloroethene
Concen: 47.600 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

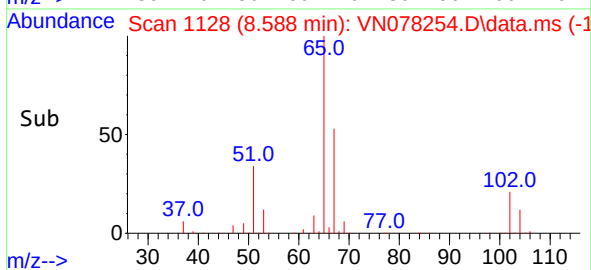
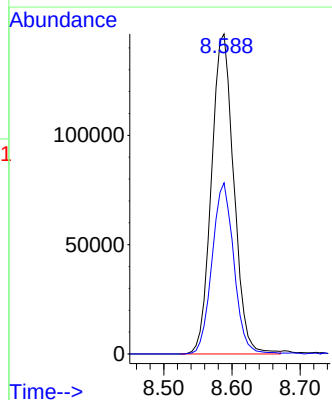
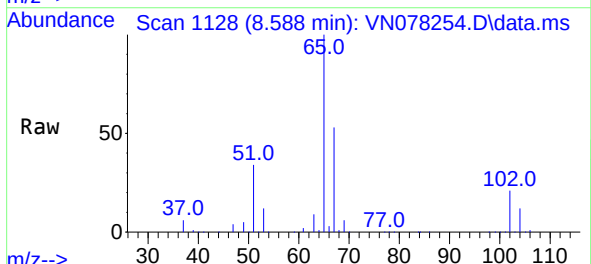
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

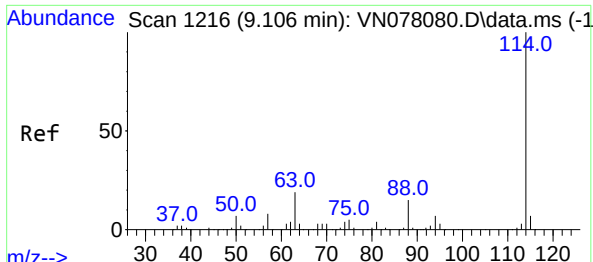
Tgt Ion: 96 Resp: 316081
Ion Ratio Lower Upper
96 100
61 123.1 0.0 255.2
98 64.5 0.0 128.8



#33
1,2-Dichloroethane-d4
Concen: 52.984 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 65 Resp: 333902
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

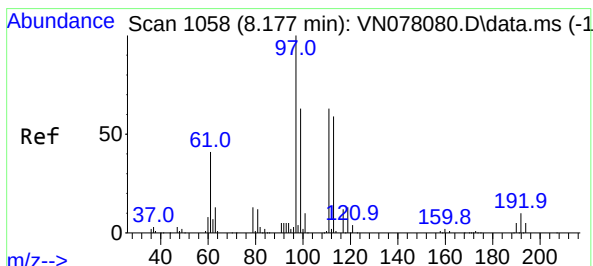
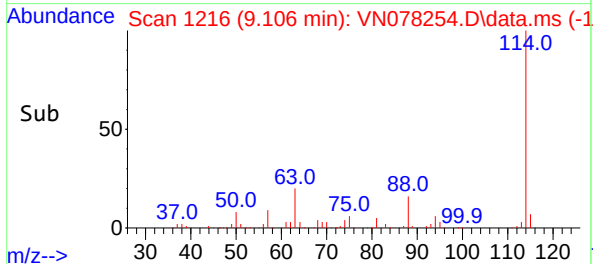
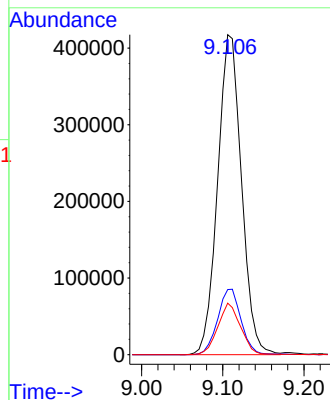
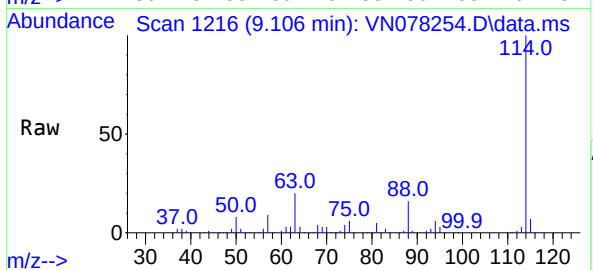




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

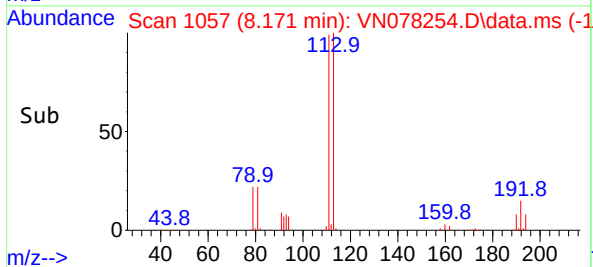
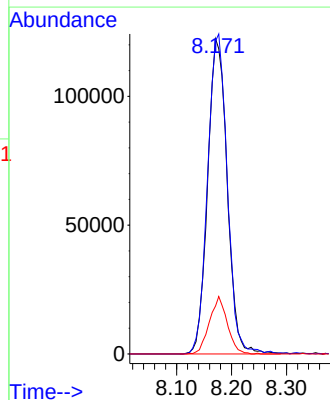
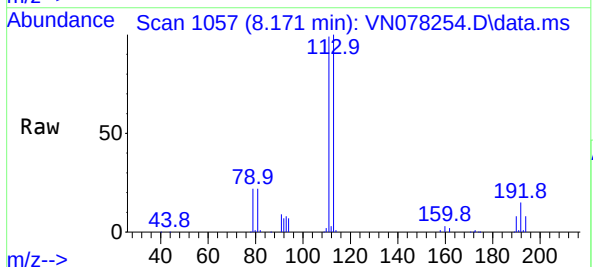
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

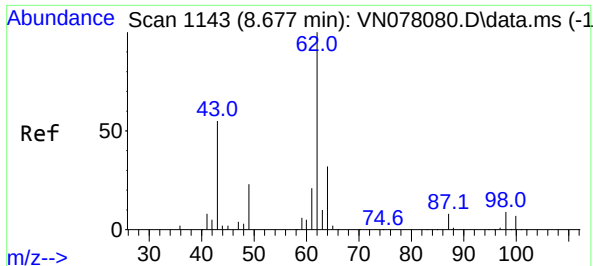
Tgt Ion:114 Resp: 853196
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.043 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

Tgt Ion:113 Resp: 302332
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.6 12.7 19.1





#42

1,2-Dichloroethane

Concen: 4.525 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN078254.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

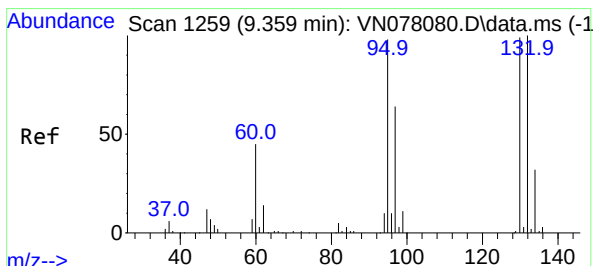
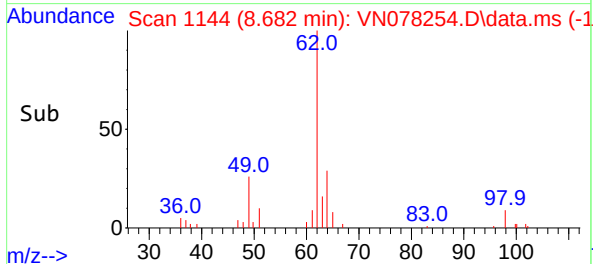
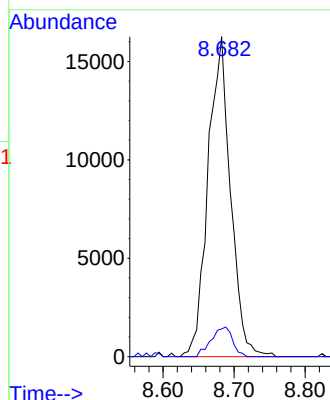
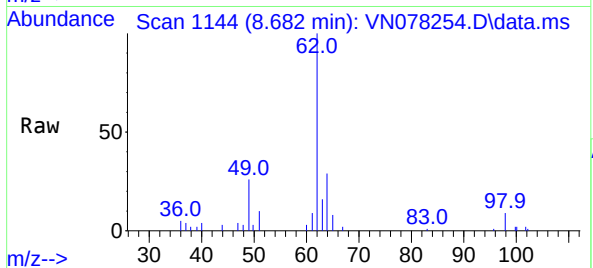
GWOW-BR-05-190-210-061523

Tgt Ion: 62 Resp: 35845

Ion Ratio Lower Upper

62 100

98 8.8 0.0 19.8



#44

Trichloroethene

Concen: 54.912 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078254.D

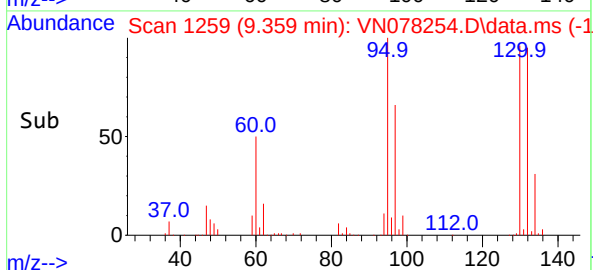
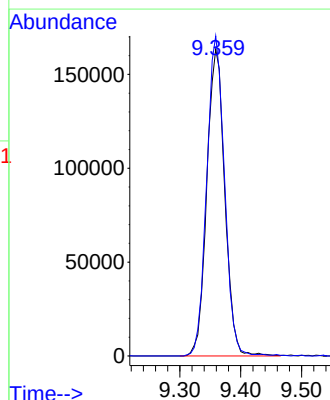
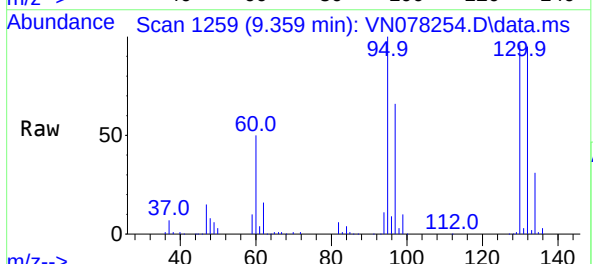
Acq: 16 Jun 2023 12:50

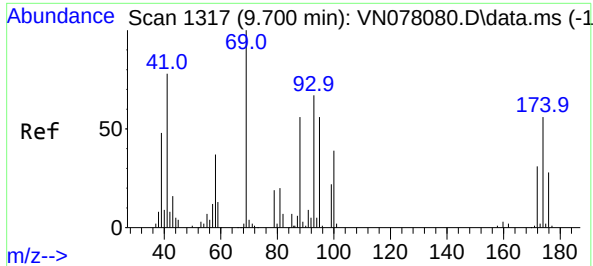
Tgt Ion:130 Resp: 335004

Ion Ratio Lower Upper

130 100

95 104.3 0.0 204.6

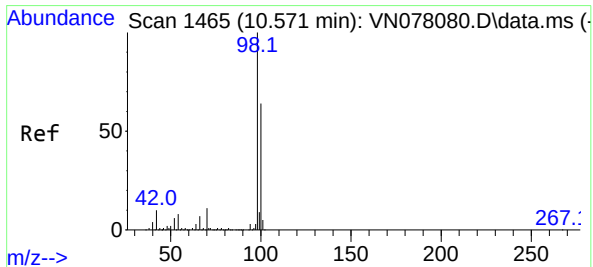
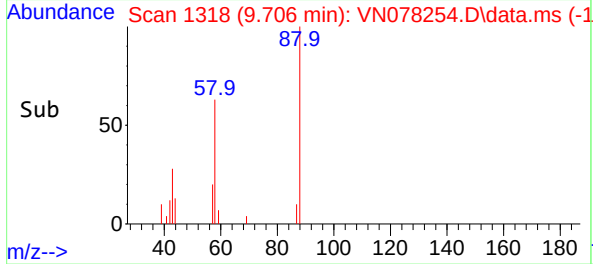
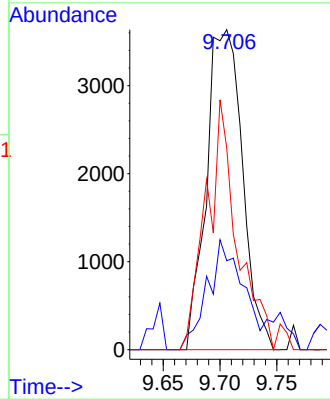
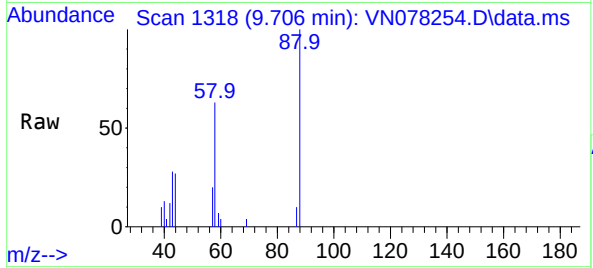




#49
1,4-Dioxane
Concen: 78.613 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

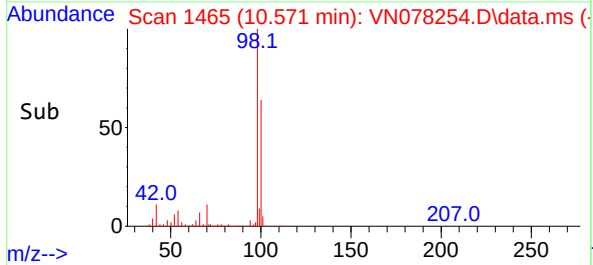
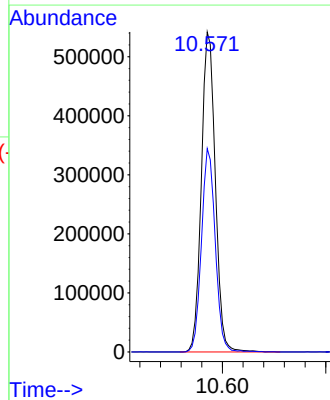
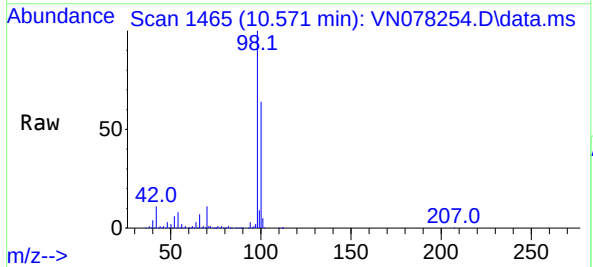
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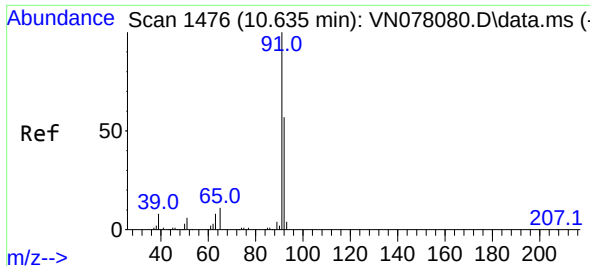
Tgt Ion: 88 Resp: 8016
Ion Ratio Lower Upper
88 100
43 33.7 17.0 25.6#
58 67.0 47.0 70.4



#50
Toluene-d8
Concen: 48.741 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 98 Resp: 1013658
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

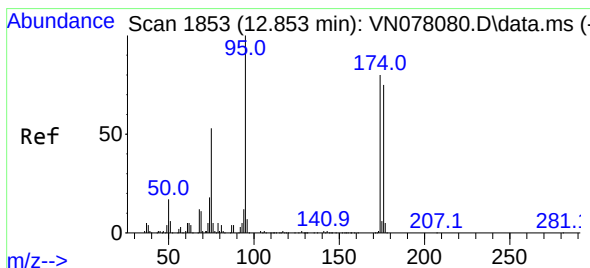
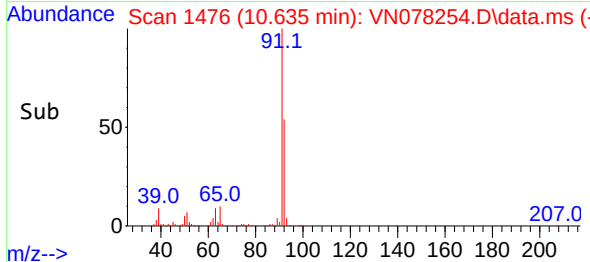
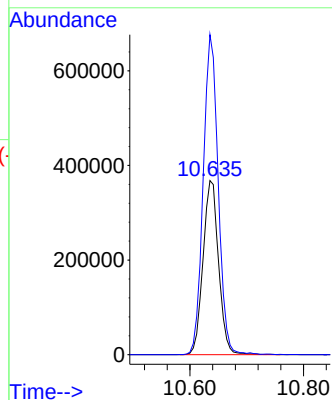
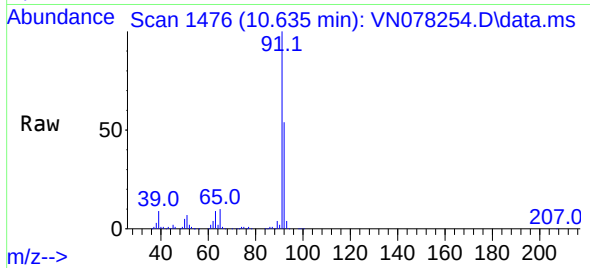




#52
Toluene
Concen: 47.856 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

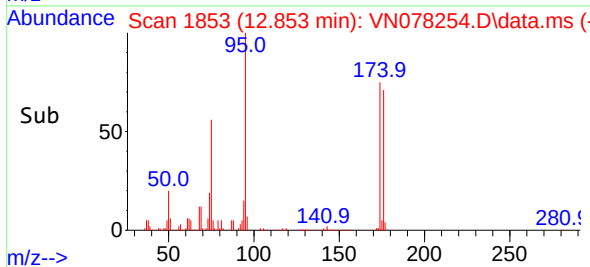
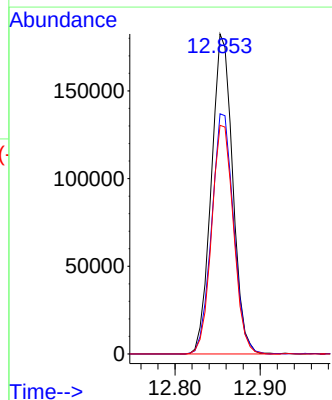
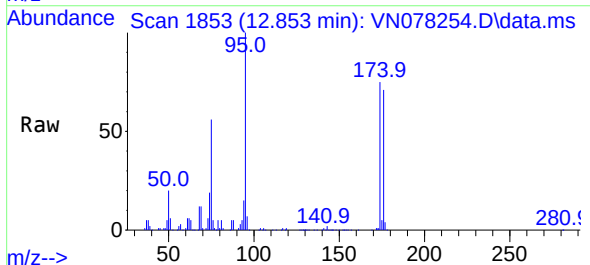
Instrument :
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ClientSampleId :
GWOW-BR-05-190-210-061523

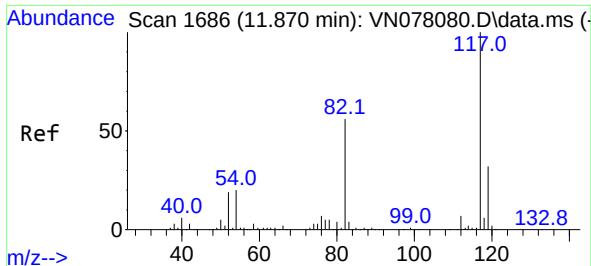
Tgt Ion: 92 Resp: 698005
Ion Ratio Lower Upper
92 100
91 177.4 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 49.061 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 95 Resp: 317194
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 73.2 0.0 135.8

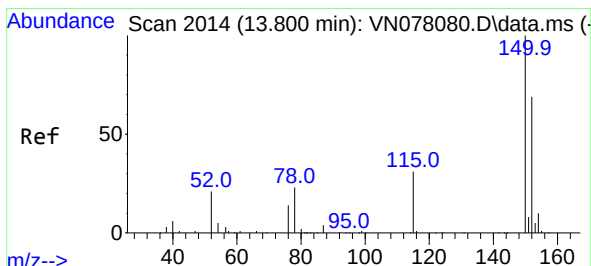
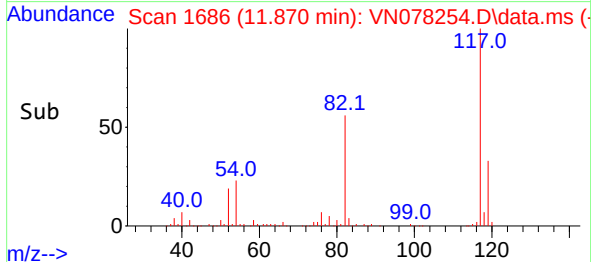
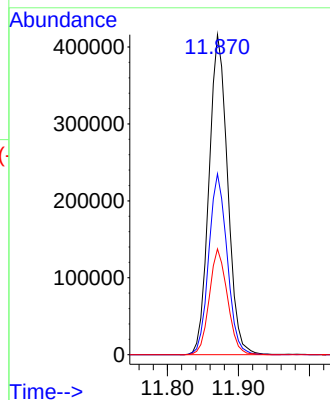
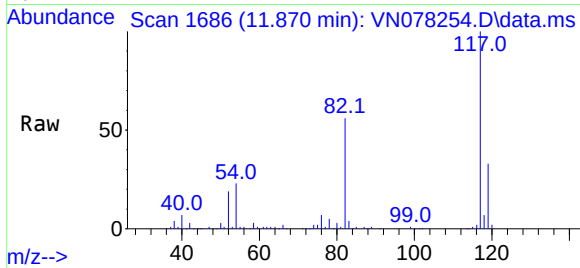




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078254.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

Tgt Ion:117 Resp: 758829
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 33.1 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: VN078254.D
Acq: 16 Jun 2023 12:50

Tgt Ion:152 Resp: 241824
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 155.4 0.0 355.8

