

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078198.D
 Acq On : 14 Jun 2023 12:08
 Operator : JC\MD
 Sample : 03225-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-75-87-061323

Quant Time: Jun 15 02:41:45 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)

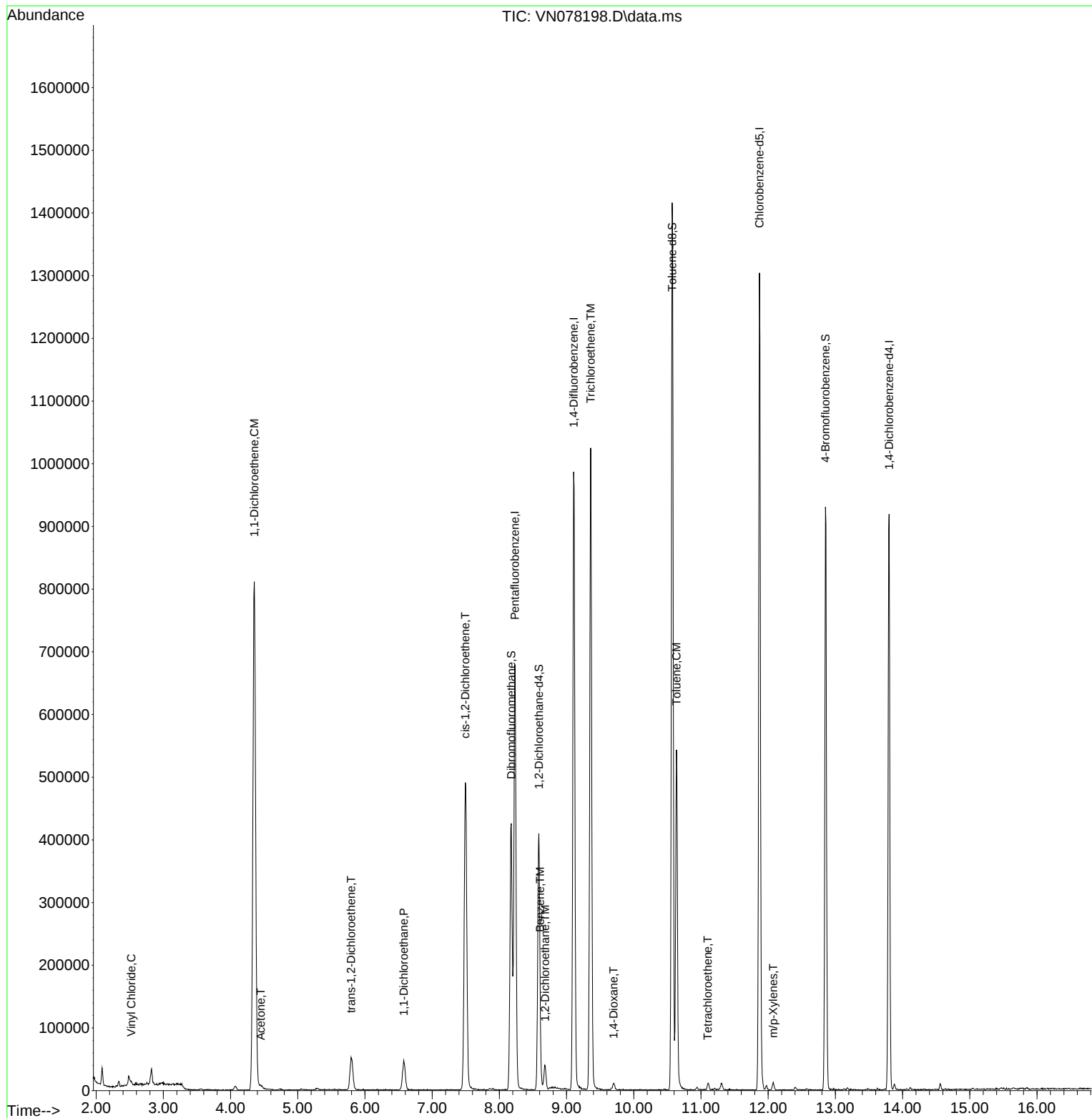
Internal Standards						
1) Pentafluorobenzene	8.229	168	479844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	879500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	778052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	250250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	333732	52.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.320%	
35) Dibromofluoromethane	8.177	113	306176	55.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.120%	
50) Toluene-d8	10.570	98	1045417	48.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	12.853	95	328635	49.311	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.620%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.524	62	5266	0.741	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	493238	94.131	ug/l	90
16) Acetone	4.447	43	5623	3.053	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	34248	6.060	ug/l	85
24) 1,1-Dichloroethane	6.577	63	63202	6.368	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	307905	45.675	ug/l	97
40) Benzene	8.606	78	5810	0.244	ug/l	93
42) 1,2-Dichloroethane	8.682	62	34719	4.252	ug/l	100
44) Trichloroethene	9.359	130	360697	57.355	ug/l	100
49) 1,4-Dioxane	9.700	88	7975	75.872	ug/l #	92
52) Toluene	10.635	92	236316	15.718	ug/l	94
64) Tetrachloroethene	11.100	164	2485	0.479	ug/l #	60
68) m/p-Xylenes	12.076	106	3826	0.349	ug/l	97

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

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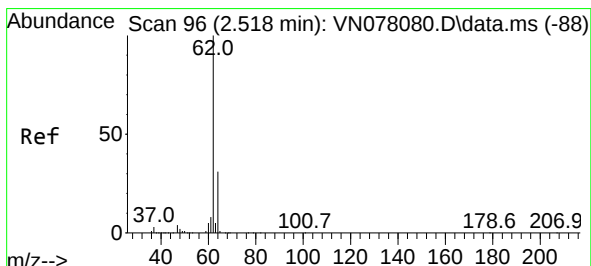
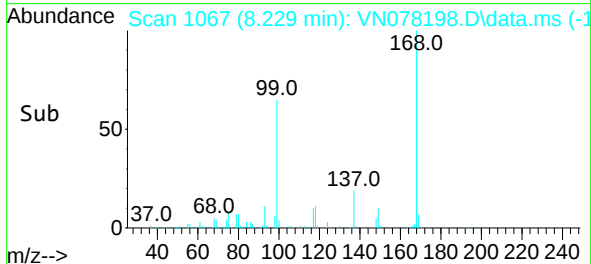
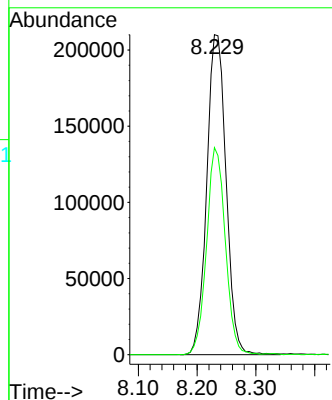
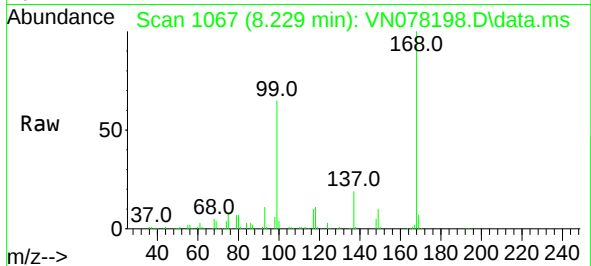




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

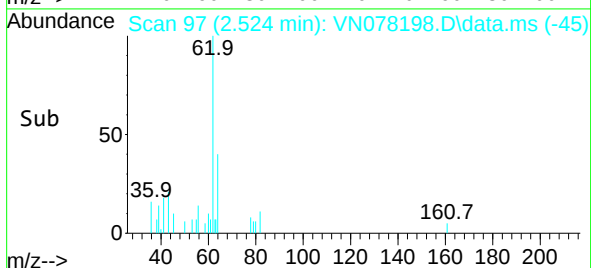
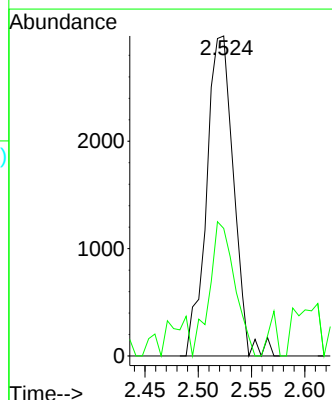
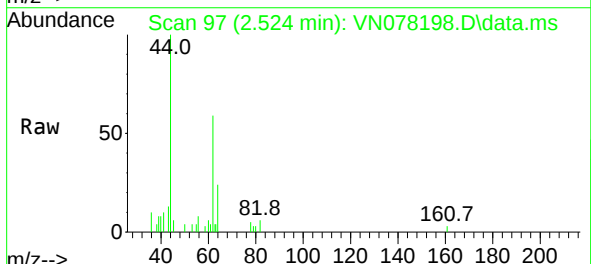
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-75-87-061323

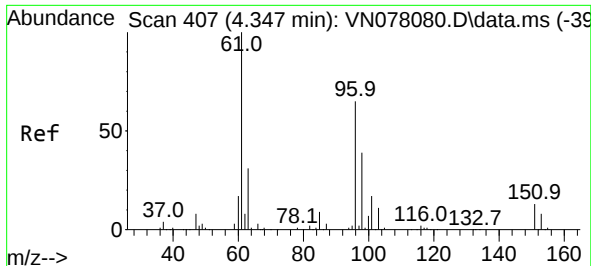
Tgt Ion:168 Resp: 479844
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#4
Vinyl Chloride
Concen: 0.741 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

Tgt Ion: 62 Resp: 5266
Ion Ratio Lower Upper
62 100
64 39.9 26.2 39.2#

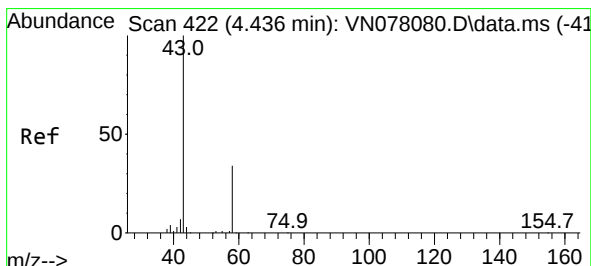
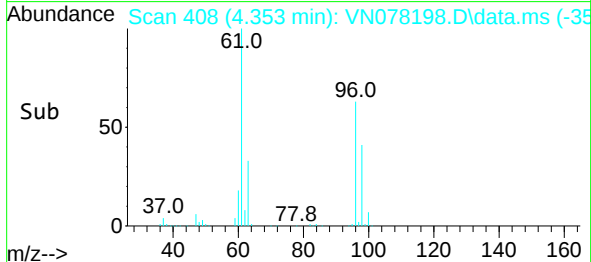
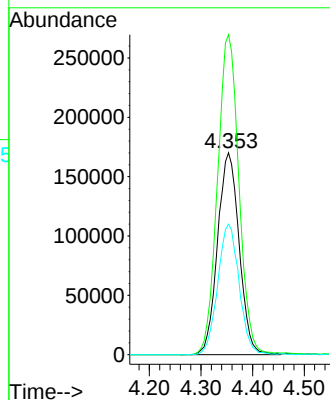
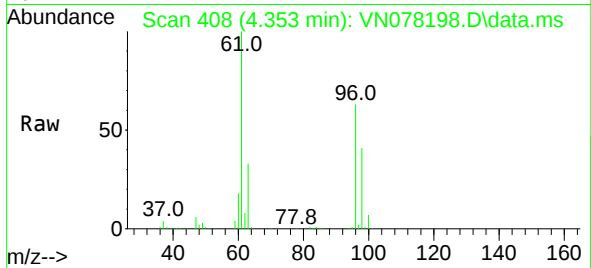




#12
 1,1-Dichloroethene
 Concen: 94.131 ug/l
 RT: 4.353 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN078198.D
 Acq: 14 Jun 2023 12:08

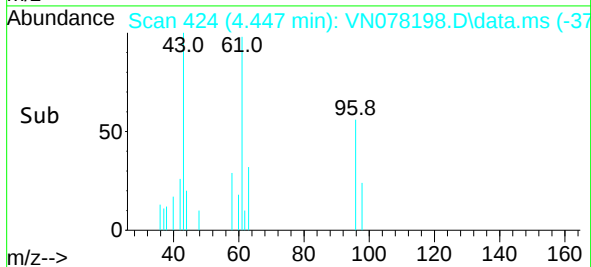
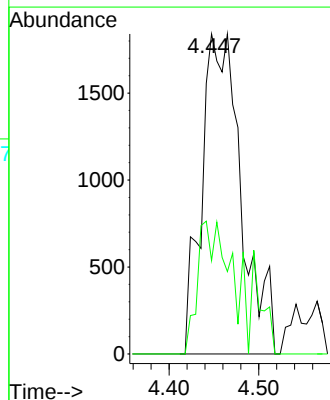
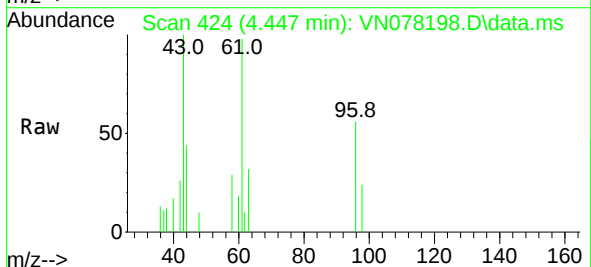
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-75-87-061323

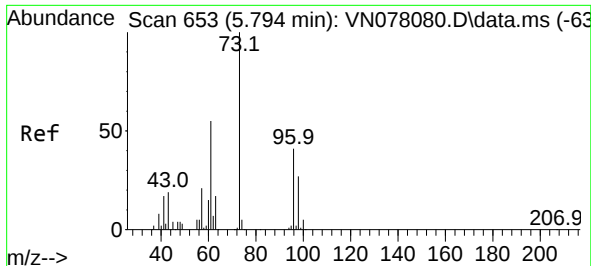
Tgt Ion: 96 Resp: 493238
 Ion Ratio Lower Upper
 96 100
 61 158.4 112.7 169.1
 98 64.6 51.2 76.8



#16
 Acetone
 Concen: 3.053 ug/l
 RT: 4.447 min Scan# 424
 Delta R.T. 0.012 min
 Lab File: VN078198.D
 Acq: 14 Jun 2023 12:08

Tgt Ion: 43 Resp: 5623
 Ion Ratio Lower Upper
 43 100
 58 29.2 28.0 42.0

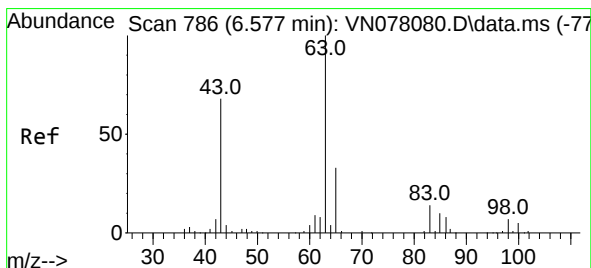
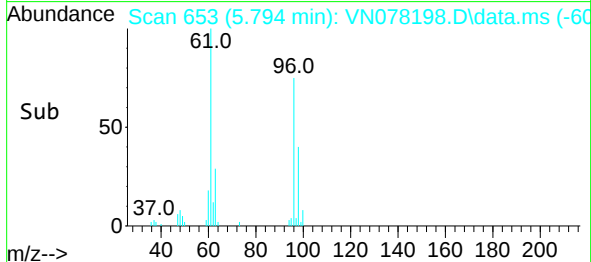
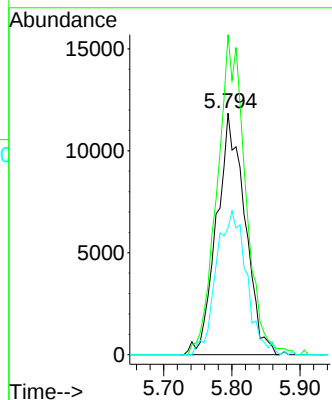
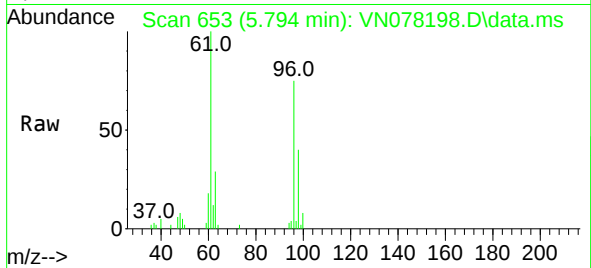




#21
trans-1,2-Dichloroethene
Concen: 6.060 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

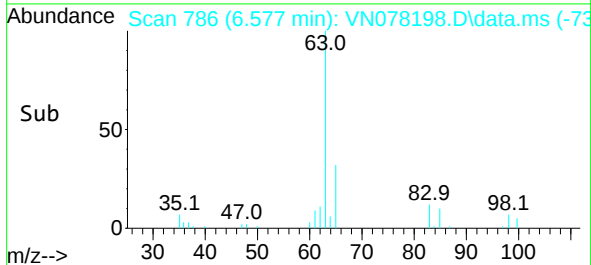
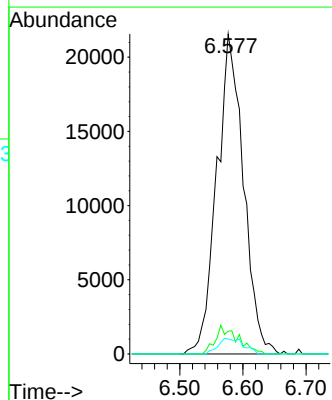
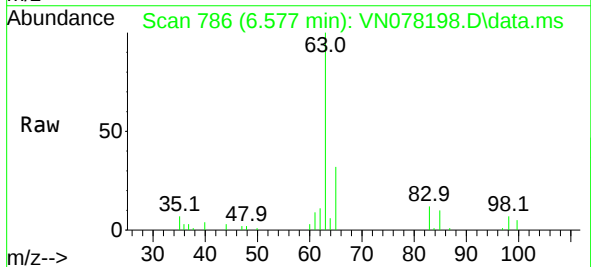
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-75-87-061323

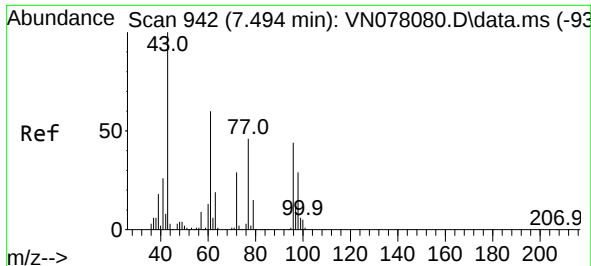
Tgt Ion: 96 Resp: 34248
Ion Ratio Lower Upper
96 100
61 132.5 90.1 135.1
98 52.5 46.4 69.6



#24
1,1-Dichloroethane
Concen: 6.368 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

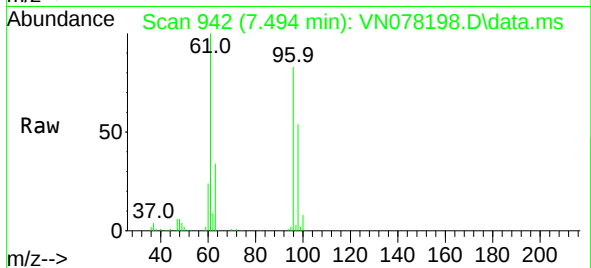
Tgt Ion: 63 Resp: 63202
Ion Ratio Lower Upper
63 100
98 7.1 3.9 11.7
100 4.6 2.5 7.4



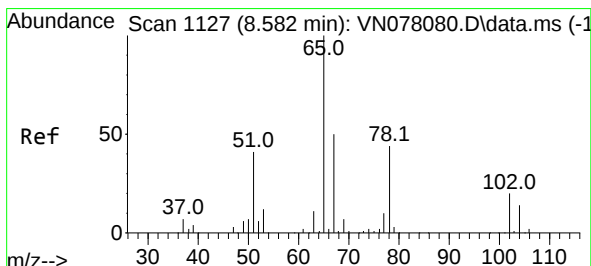
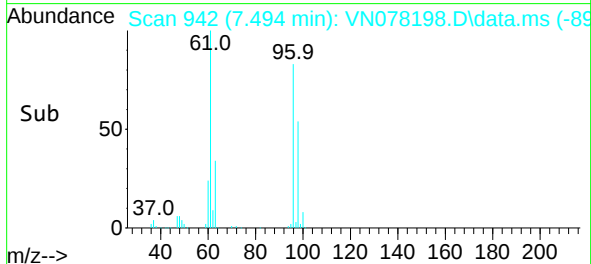
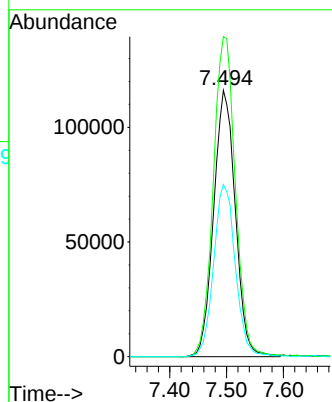


#27
cis-1,2-Dichloroethene
Concen: 45.675 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-75-87-061323

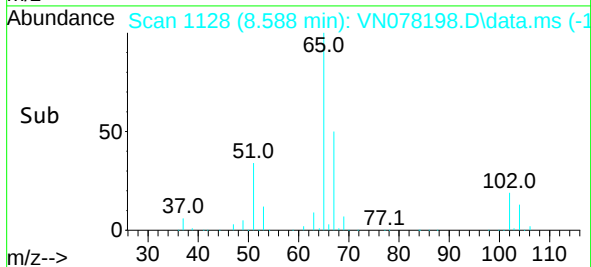
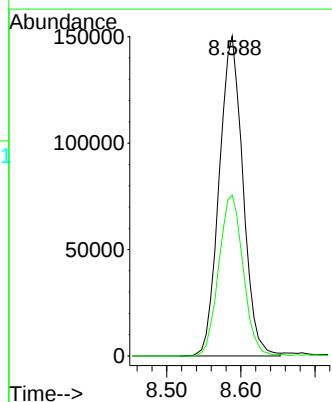
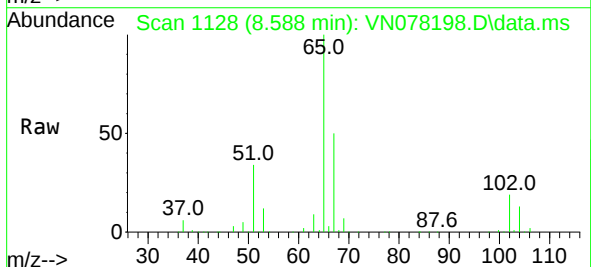


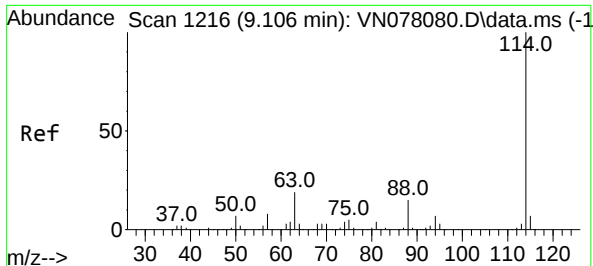
Tgt Ion: 96 Resp: 307905
Ion Ratio Lower Upper
96 100
61 122.5 0.0 255.2
98 64.9 0.0 128.8



#33
1,2-Dichloroethane-d4
Concen: 52.164 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

Tgt Ion: 65 Resp: 333732
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

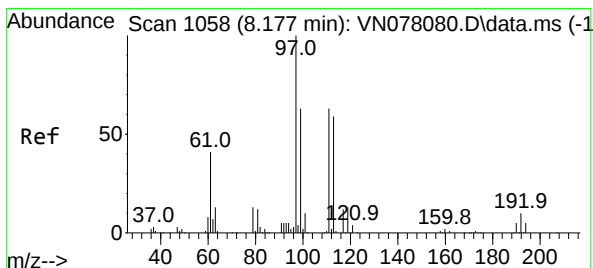
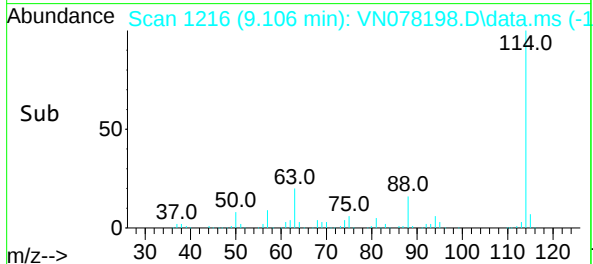
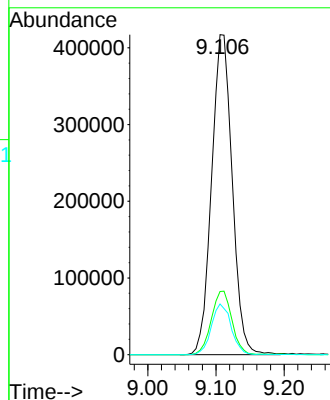
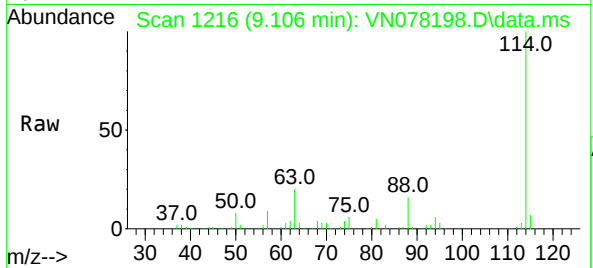




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

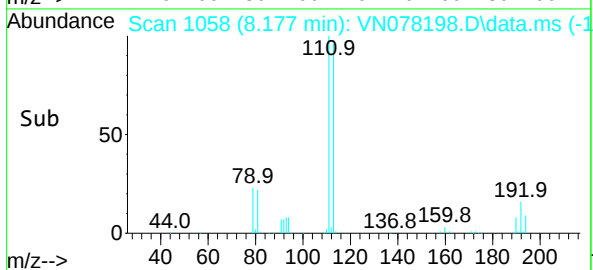
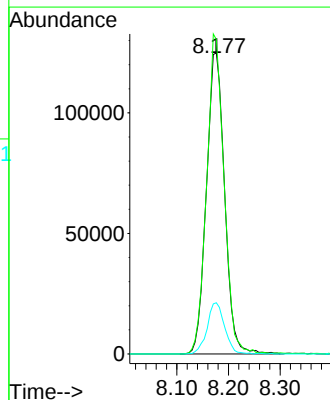
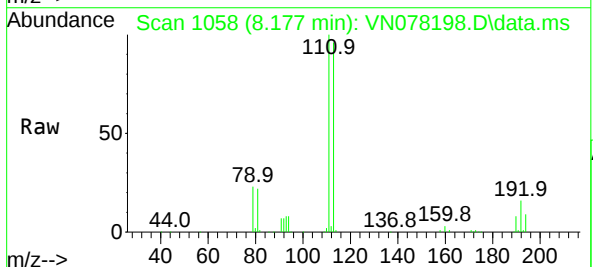
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GWOW-BR-05-75-87-061323

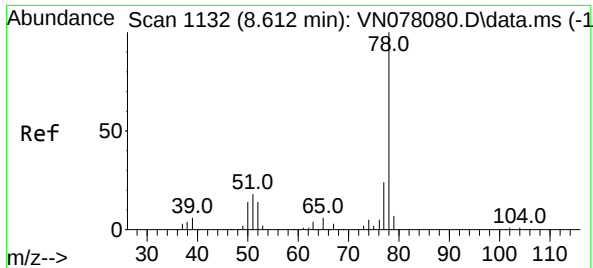
Tgt Ion:114 Resp: 879500
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.058 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

Tgt Ion:113 Resp: 306176
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.3 12.7 19.1





#40

Benzene

Concen: 0.244 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN078198.D

Acq: 14 Jun 2023 12:08

Instrument :

MSVOA_N

ClientSampleId :

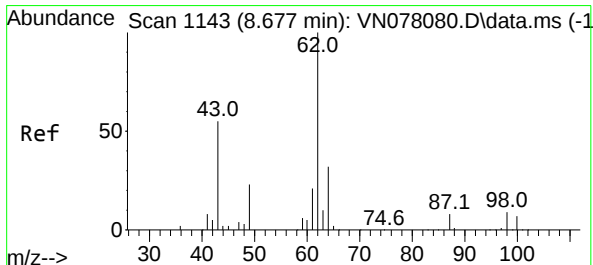
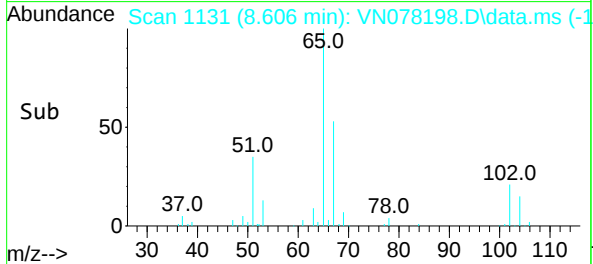
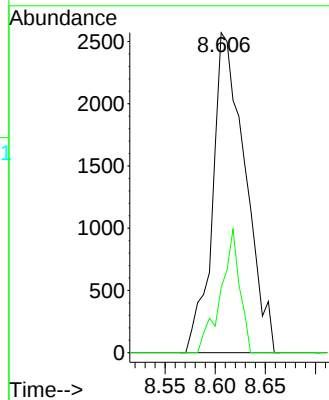
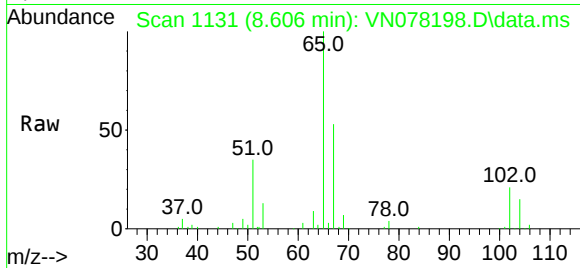
GWOW-BR-05-75-87-061323

Tgt Ion: 78 Resp: 5810

Ion Ratio Lower Upper

78 100

77 20.4 19.0 28.6



#42

1,2-Dichloroethane

Concen: 4.252 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN078198.D

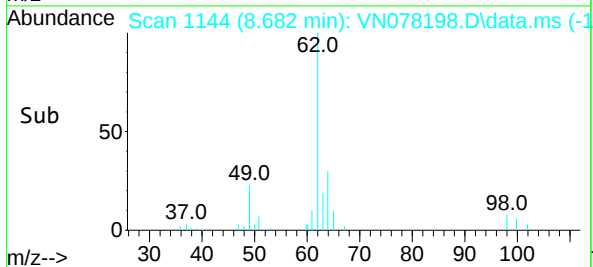
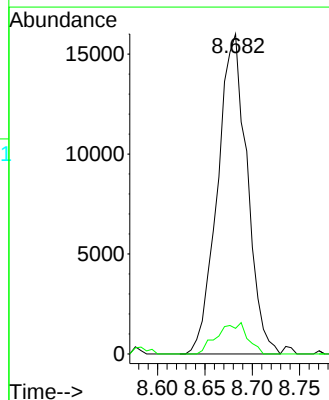
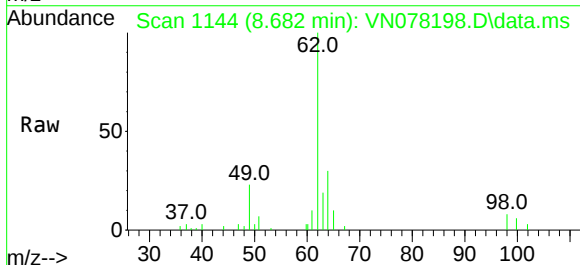
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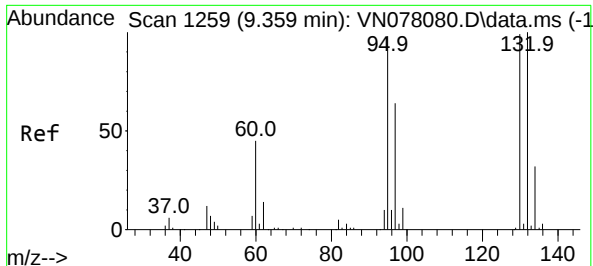
Tgt Ion: 62 Resp: 34719

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.8

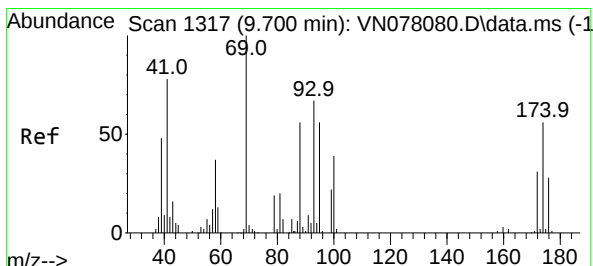
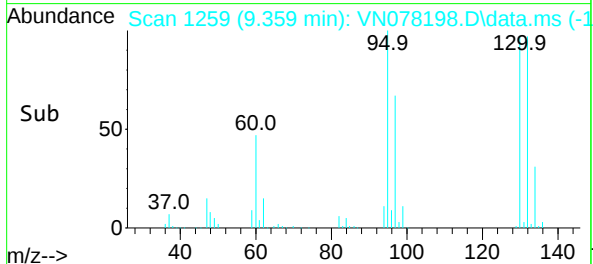
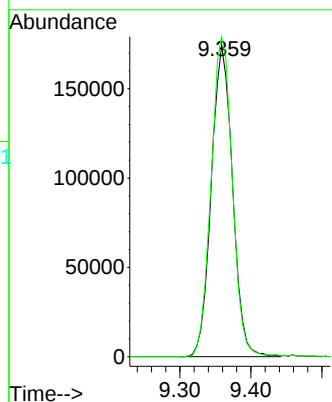
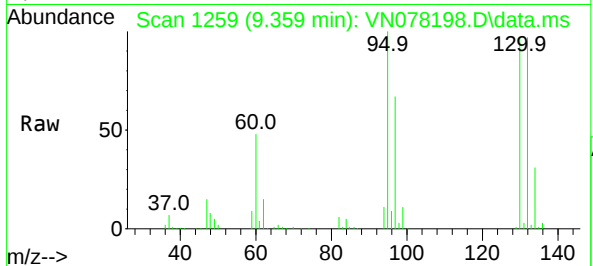




#44
Trichloroethene
Concen: 57.355 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

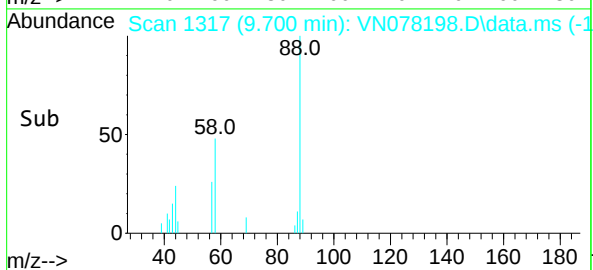
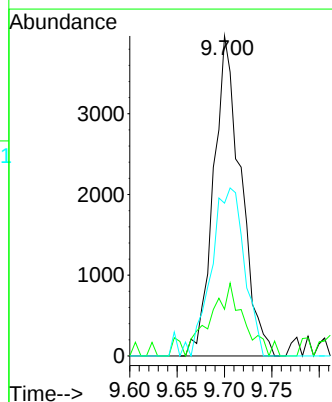
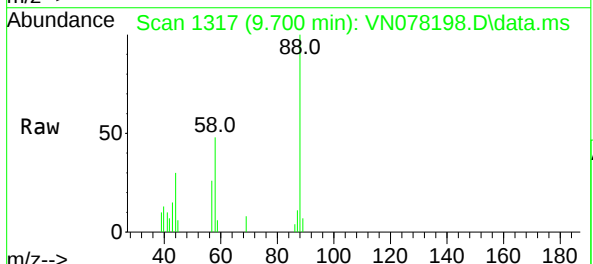
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-75-87-061323

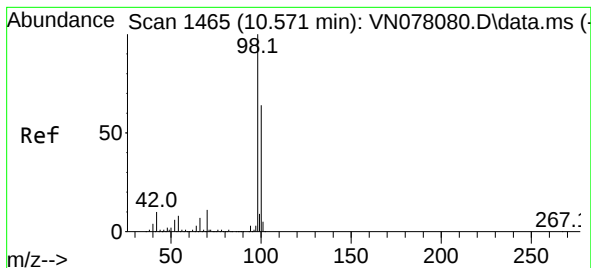
Tgt Ion:130 Resp: 360697
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.6



#49
1,4-Dioxane
Concen: 75.872 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

Tgt Ion: 88 Resp: 7975
Ion Ratio Lower Upper
88 100
43 28.1 17.0 25.6#
58 62.7 47.0 70.4

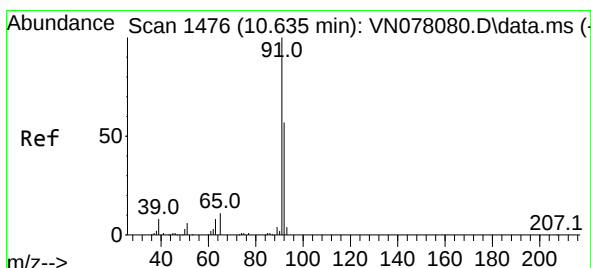
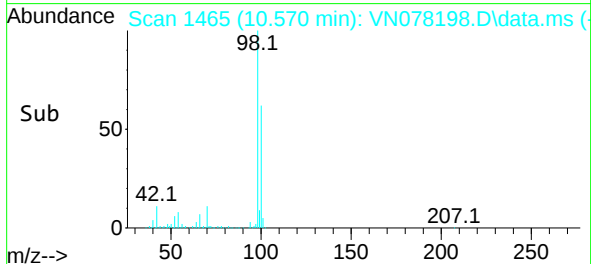
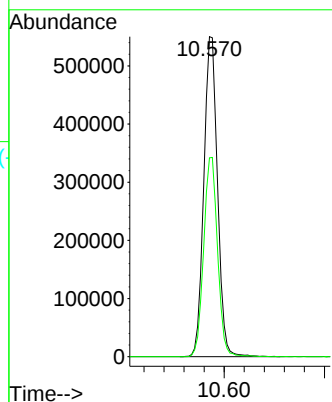
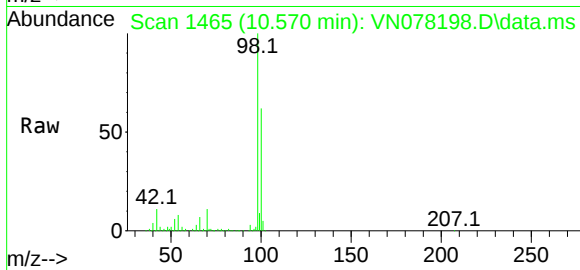




#50
Toluene-d8
Concen: 48.764 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

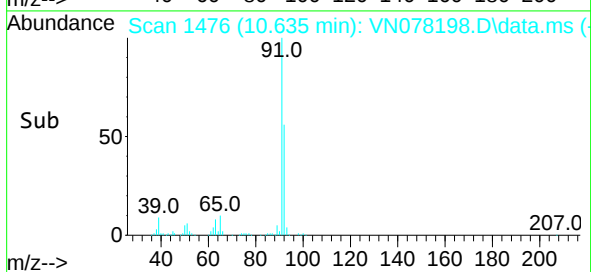
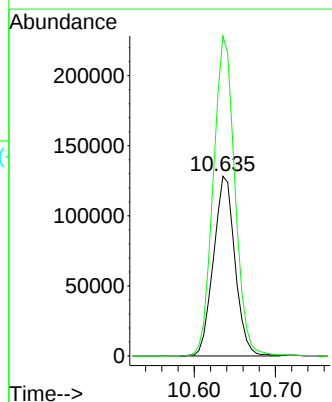
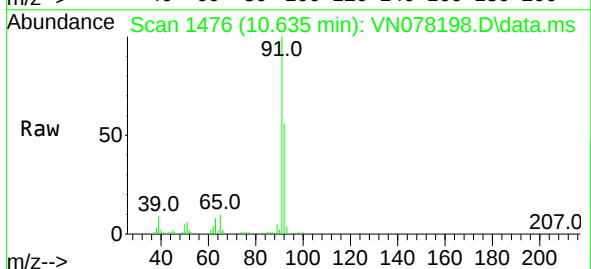
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-75-87-061323

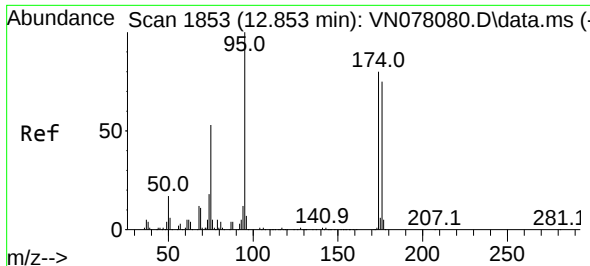
Tgt Ion: 98 Resp: 1045417
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#52
Toluene
Concen: 15.718 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

Tgt Ion: 92 Resp: 236316
Ion Ratio Lower Upper
92 100
91 179.3 137.4 206.0

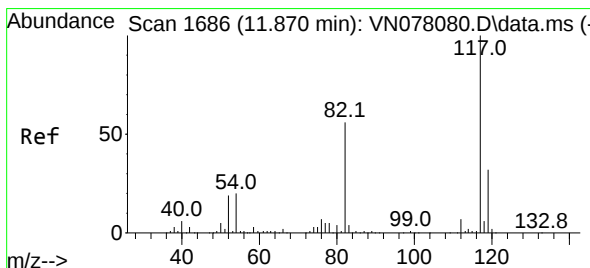
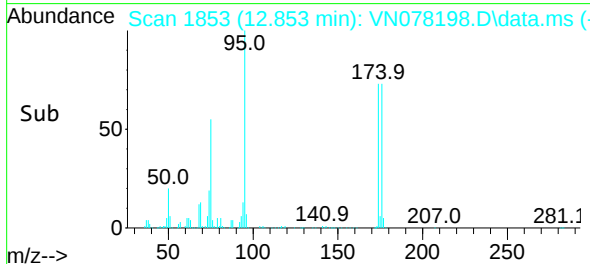
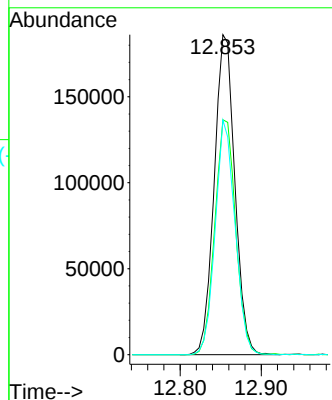
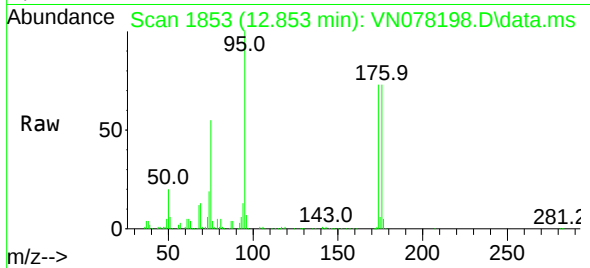




#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

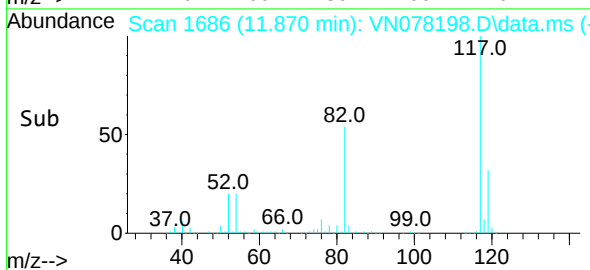
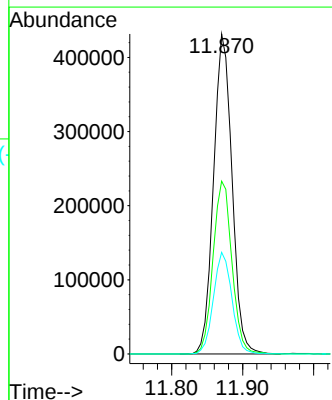
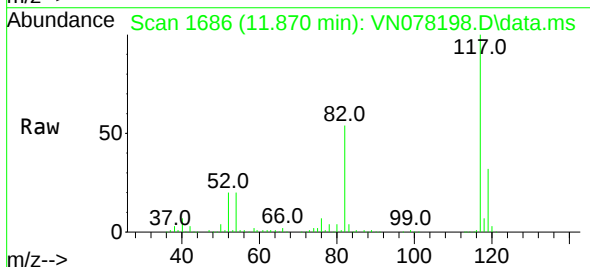
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-75-87-061323

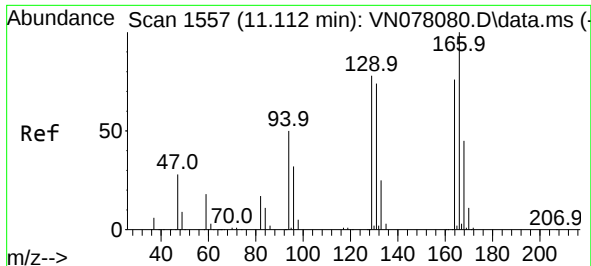
Tgt Ion: 95 Resp: 328635
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

Tgt Ion: 117 Resp: 778052
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.8 25.6 38.4

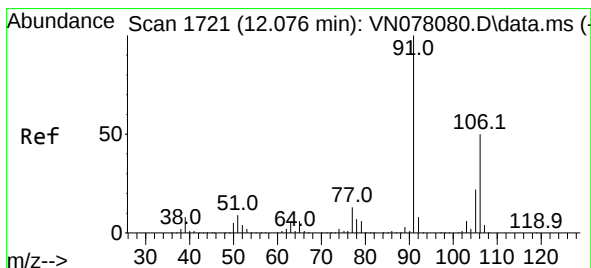
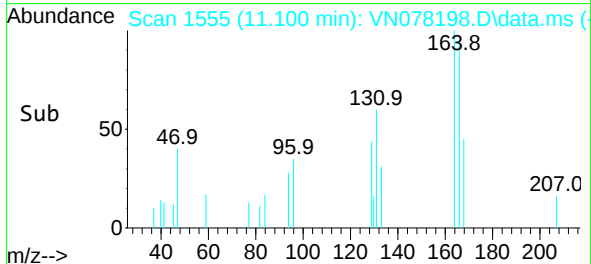
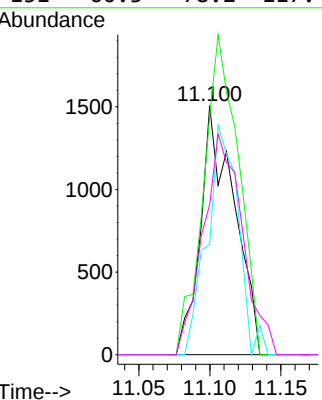
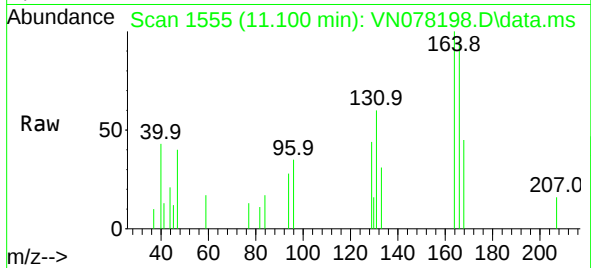




#64
Tetrachloroethene
Concen: 0.479 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

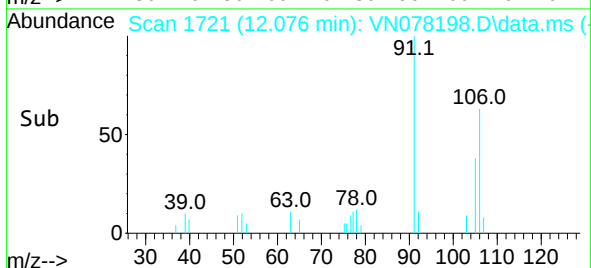
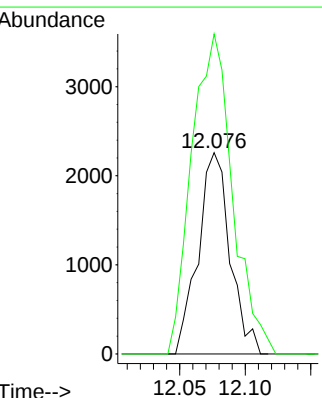
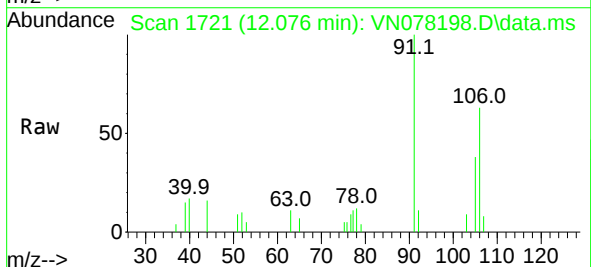
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-75-87-061323

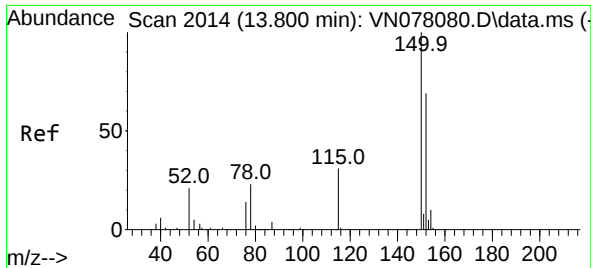
Tgt Ion:	164	Resp:	2485
Ion	Ratio	Lower	Upper
164	100		
166	95.5	101.4	152.0#
129	44.3	82.4	123.6#
131	60.3	78.2	117.4#



#68
m/p-Xylenes
Concen: 0.349 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078198.D
Acq: 14 Jun 2023 12:08

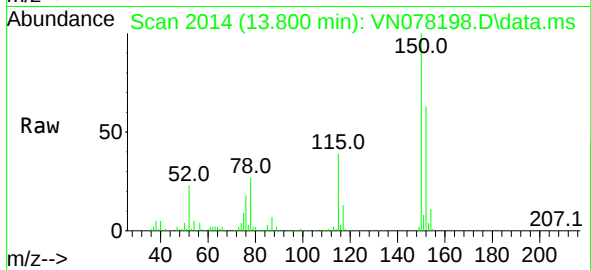
Tgt Ion:	106	Resp:	3826
Ion	Ratio	Lower	Upper
106	100		
91	203.4	159.6	239.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078198.D
 Acq: 14 Jun 2023 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-75-87-061323



Tgt Ion:152 Resp: 250250
 Ion Ratio Lower Upper
 152 100
 115 61.3 32.3 96.8
 150 154.1 0.0 355.8

