

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077492.D
 Acq On : 27 Apr 2023 12:48
 Operator : JC\MD
 Sample : 02520-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-06B-40-45-042623-FD

Quant Time: Apr 28 03:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

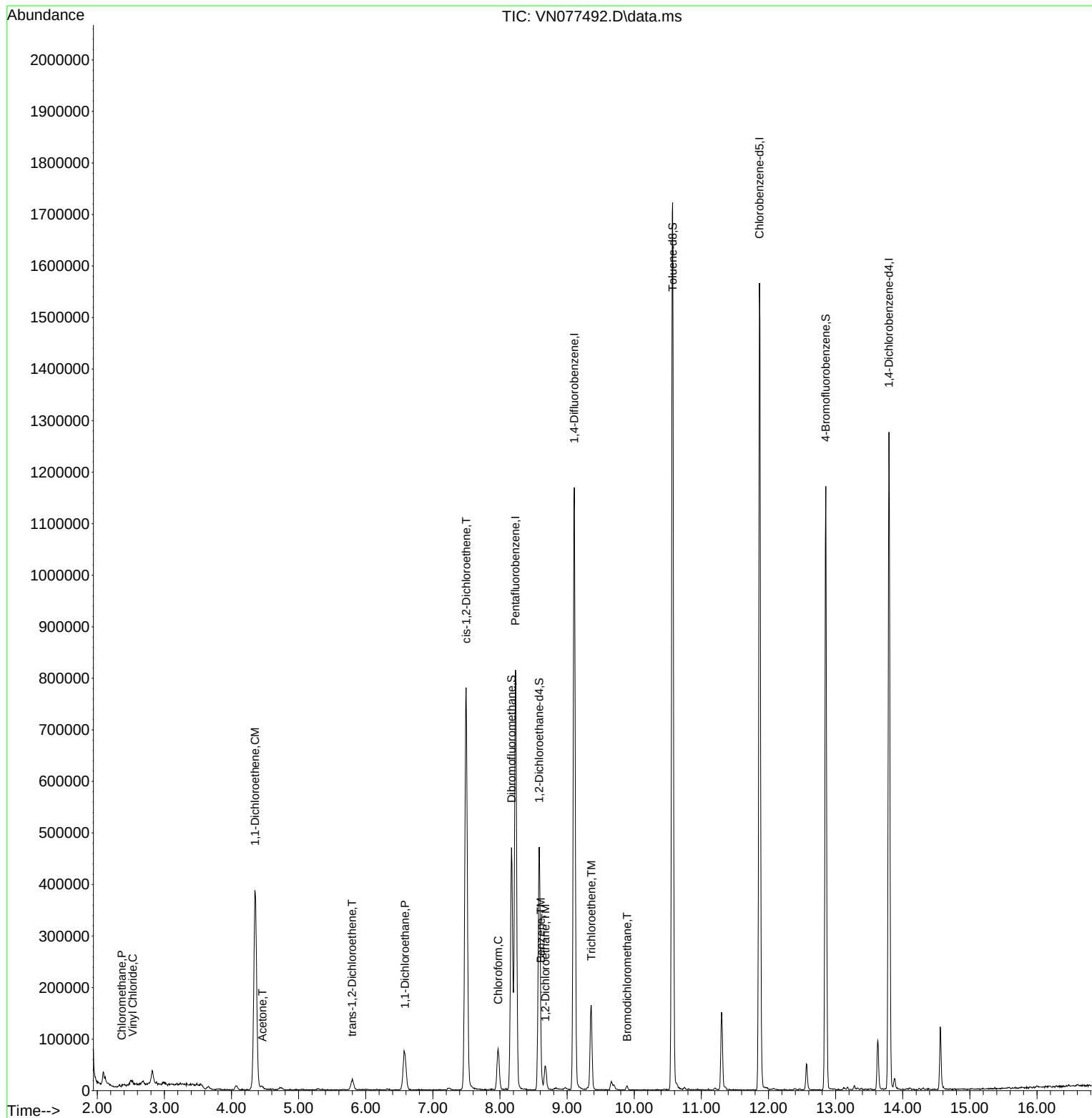
Internal Standards						
1) Pentafluorobenzene	8.231	168	580709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1085920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	960906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	350208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	388373	51.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.500%	
35) Dibromofluoromethane	8.172	113	337609	51.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	10.572	98	1287859	51.484	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.854	95	416378	50.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.760%	
Target Compounds						
						Qvalue
3) Chloromethane	2.366	50	1313	0.226	ug/l	92
4) Vinyl Chloride	2.531	62	4226	0.545	ug/l	92
12) 1,1-Dichloroethene	4.348	96	251992	38.885	ug/l	98
16) Acetone	4.460	43	9409	3.903	ug/l #	69
21) trans-1,2-Dichloroethene	5.795	96	12633	1.803	ug/l	89
24) 1,1-Dichloroethane	6.584	63	107057	9.146	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	510753	61.542	ug/l	90
30) Chloroform	7.972	83	80036	6.067	ug/l	95
40) Benzene	8.607	78	9822	0.342	ug/l #	89
42) 1,2-Dichloroethane	8.678	62	43544	4.413	ug/l	96
44) Trichloroethene	9.360	130	58889	8.007	ug/l	92
47) Bromodichloromethane	9.895	83	5493	0.520	ug/l #	80

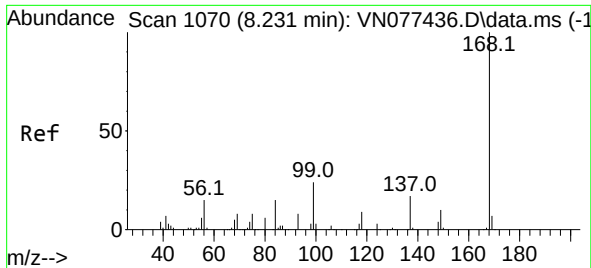
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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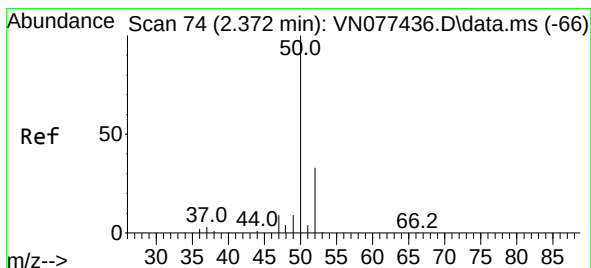
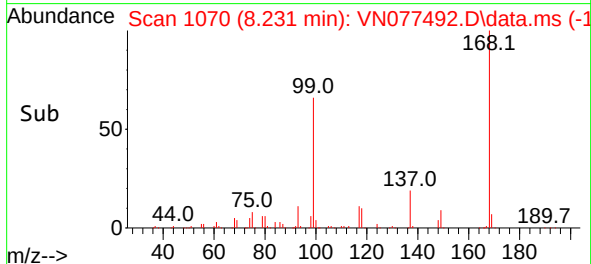
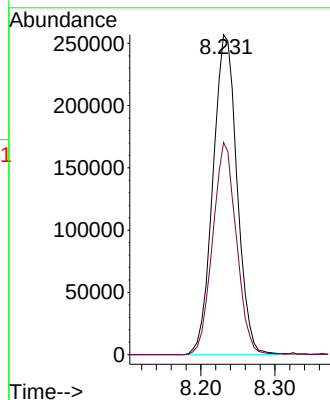
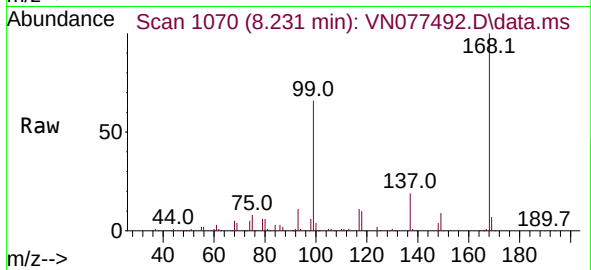




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

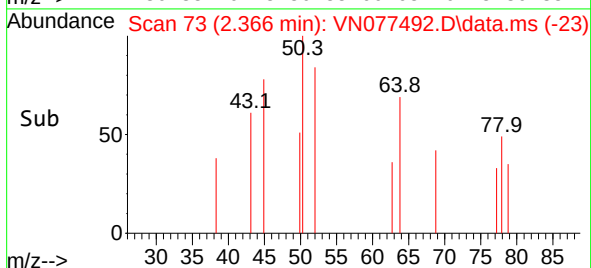
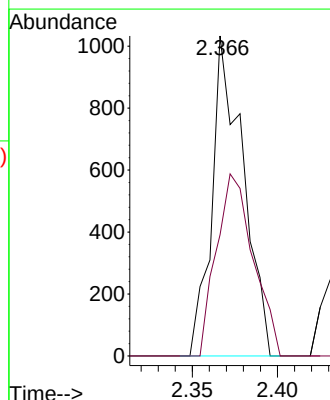
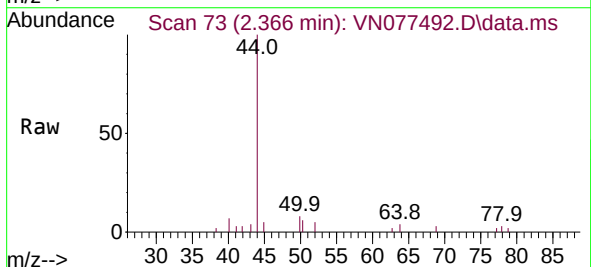
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

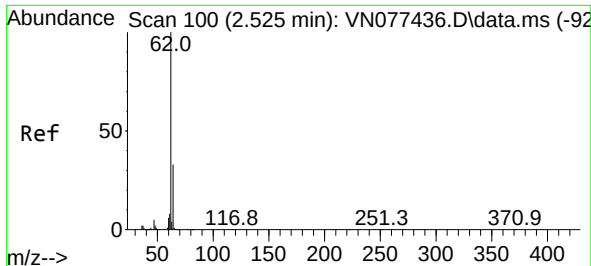
Tgt Ion:168 Resp: 580709
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.366 min Scan# 73
Delta R.T. -0.006 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Tgt Ion: 50 Resp: 1313
Ion Ratio Lower Upper
50 100
52 37.9 26.5 39.7

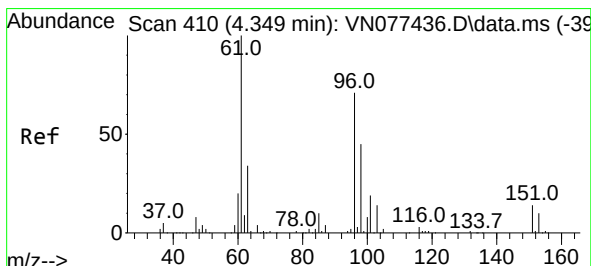
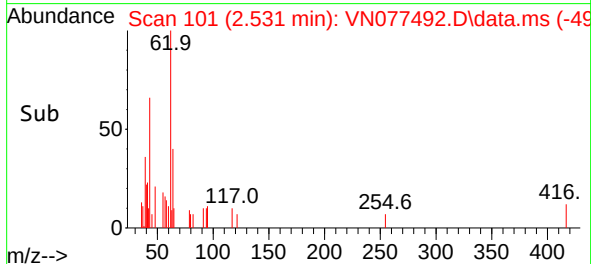
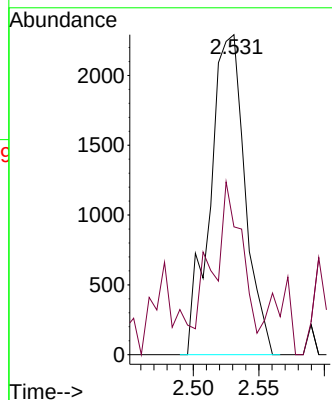
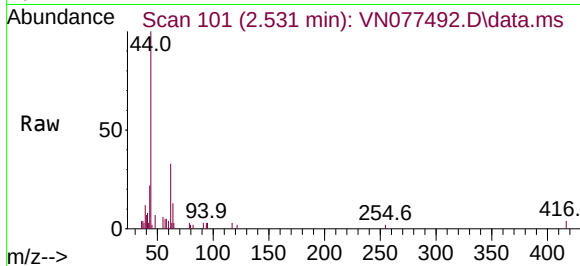




#4
 Vinyl Chloride
 Concen: 0.545 ug/l
 RT: 2.531 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VN077492.D
 Acq: 27 Apr 2023 12:48

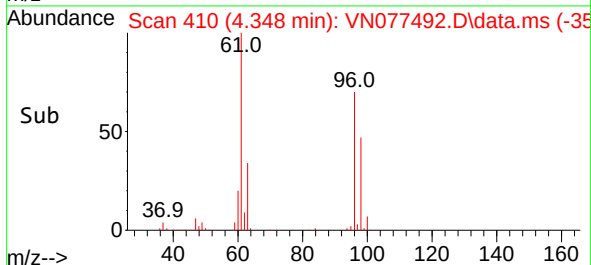
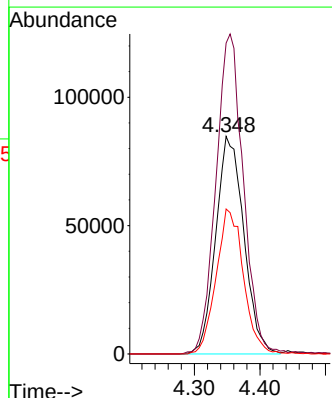
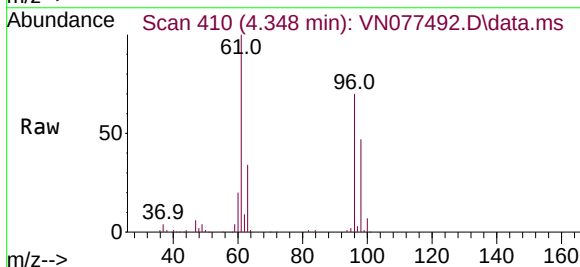
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-06B-40-45-042623-FD

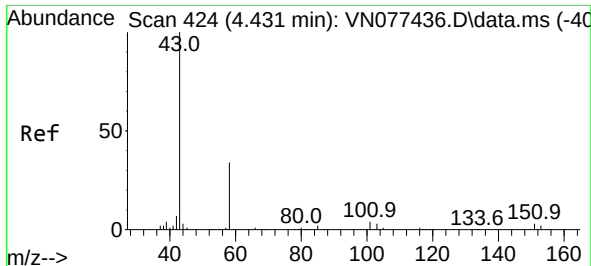
Tgt Ion: 62 Resp: 4226
 Ion Ratio Lower Upper
 62 100
 64 28.1 26.2 39.2



#12
 1,1-Dichloroethene
 Concen: 38.885 ug/l
 RT: 4.348 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: VN077492.D
 Acq: 27 Apr 2023 12:48

Tgt Ion: 96 Resp: 251992
 Ion Ratio Lower Upper
 96 100
 61 142.9 112.7 169.1
 98 66.6 51.2 76.8

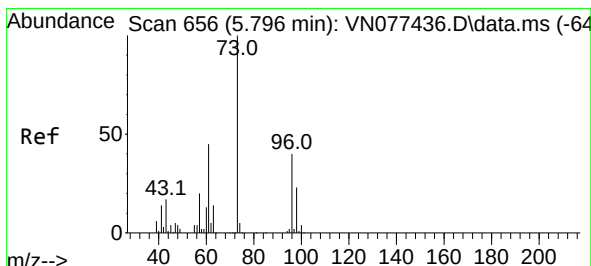
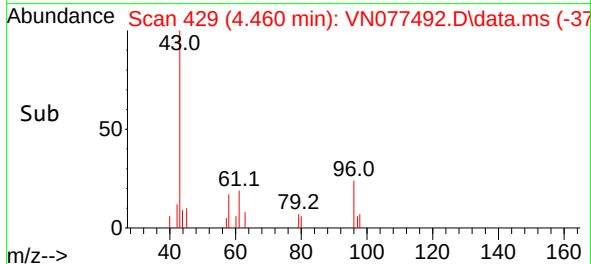
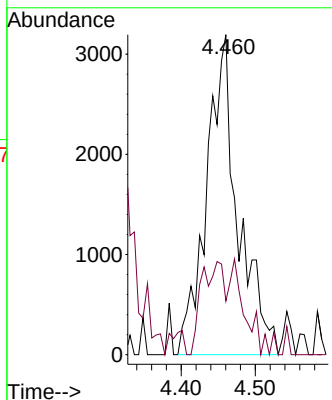
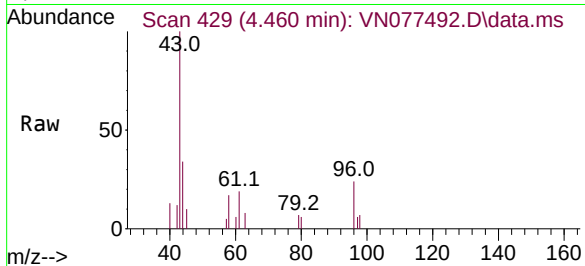




#16
Acetone
Concen: 3.903 ug/l
RT: 4.460 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

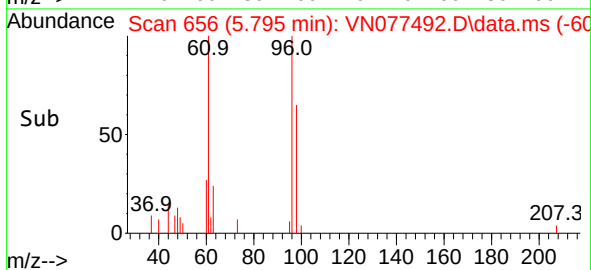
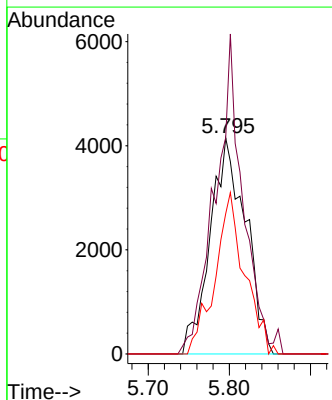
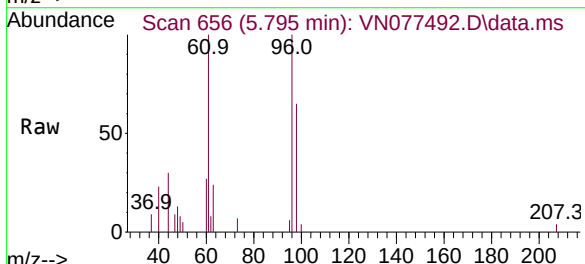
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

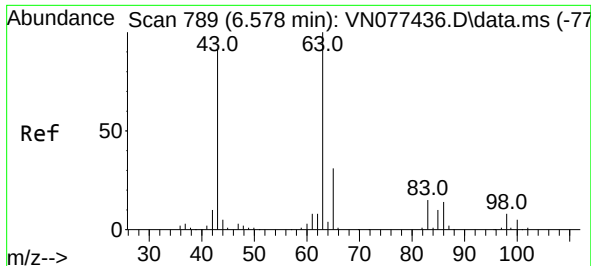
Tgt Ion: 43 Resp: 9409
Ion Ratio Lower Upper
43 100
58 16.7 28.0 42.0#



#21
trans-1,2-Dichloroethene
Concen: 1.803 ug/l
RT: 5.795 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Tgt Ion: 96 Resp: 12633
Ion Ratio Lower Upper
96 100
61 100.2 90.1 135.1
98 65.0 46.4 69.6

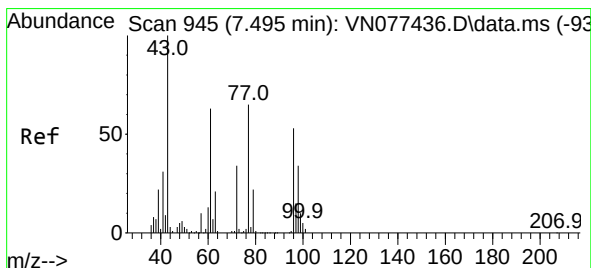
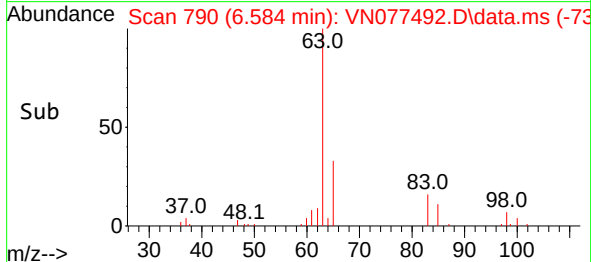
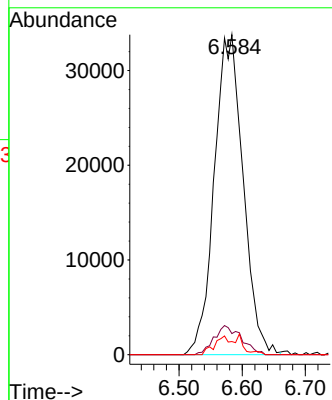
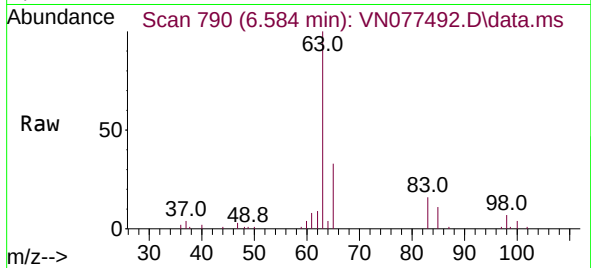




#24
1,1-Dichloroethane
Concen: 9.146 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

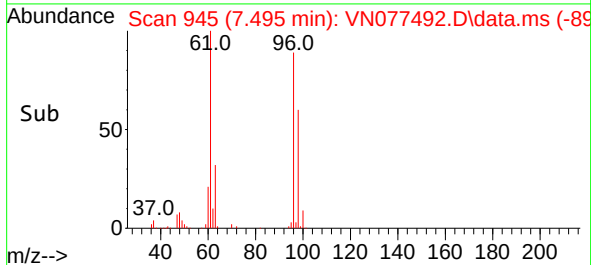
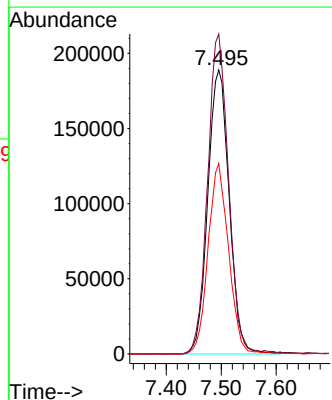
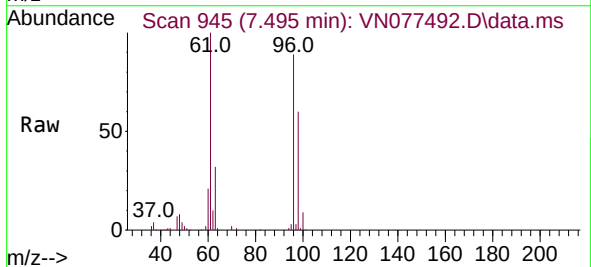
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

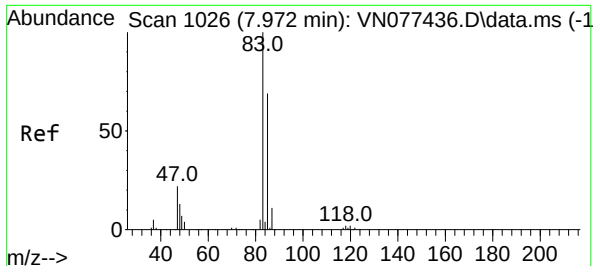
Tgt Ion: 63 Resp: 107057
Ion Ratio Lower Upper
63 100
98 6.6 3.9 11.7
100 4.1 2.5 7.4



#27
cis-1,2-Dichloroethene
Concen: 61.542 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Tgt Ion: 96 Resp: 510753
Ion Ratio Lower Upper
96 100
61 109.8 0.0 255.2
98 64.4 0.0 128.8





#30

Chloroform

Concen: 6.067 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077492.D

Acq: 27 Apr 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

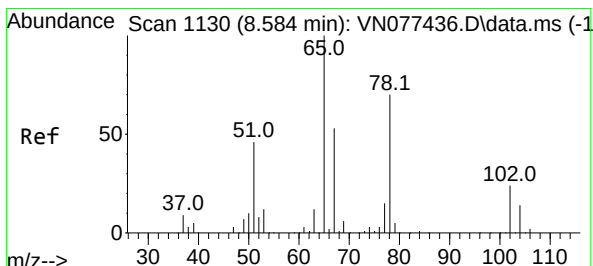
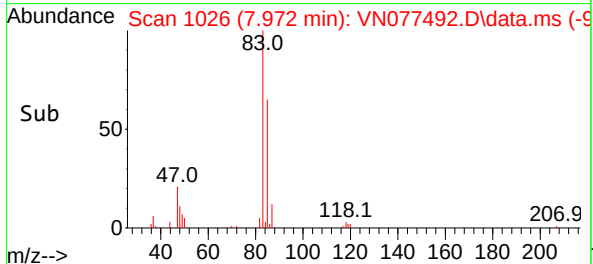
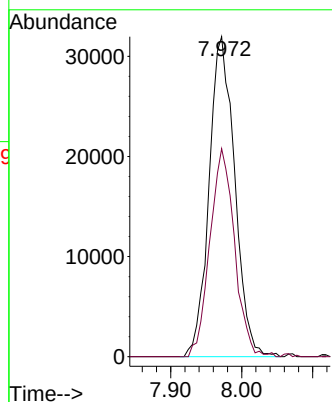
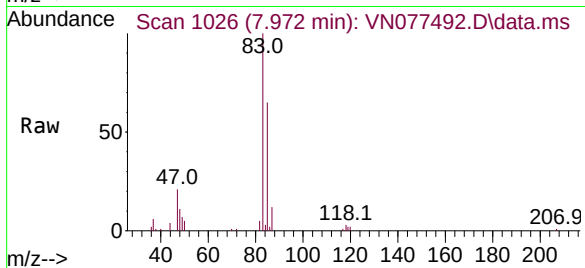
GWOW-06B-40-45-042623-FD

Tgt Ion: 83 Resp: 80036

Ion Ratio Lower Upper

83 100

85 65.0 55.4 83.0



#33

1,2-Dichloroethane-d4

Concen: 51.253 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077492.D

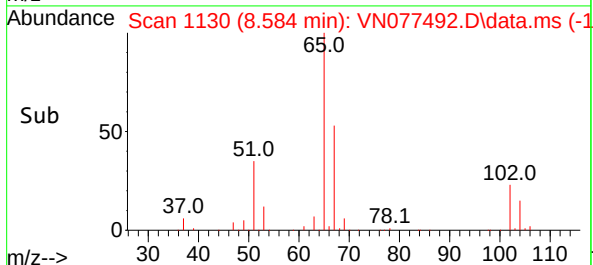
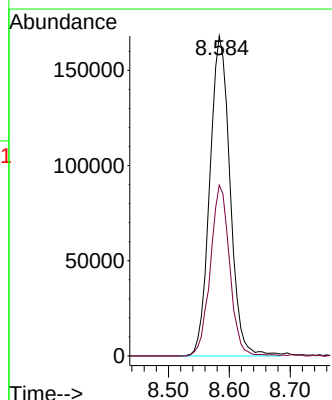
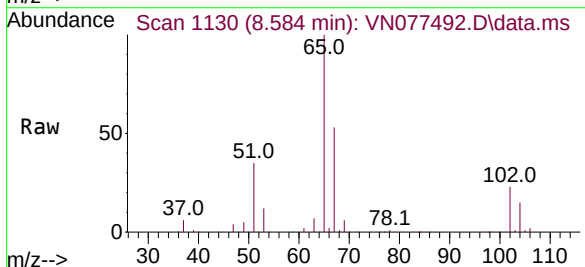
Acq: 27 Apr 2023 12:48

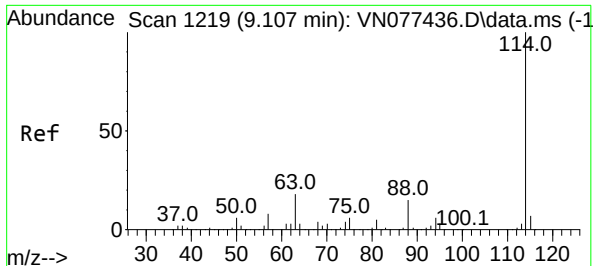
Tgt Ion: 65 Resp: 388373

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077492.D

Acq: 27 Apr 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

GWOW-06B-40-45-042623-FD

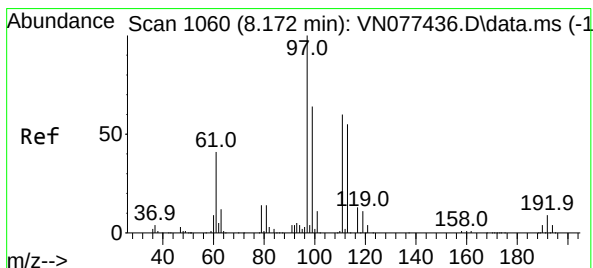
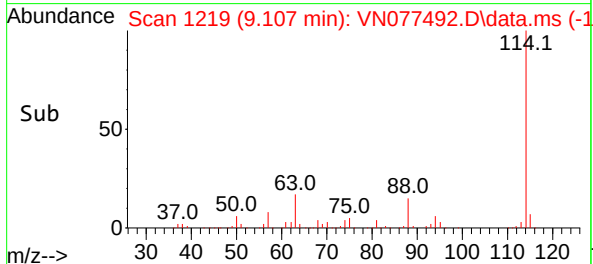
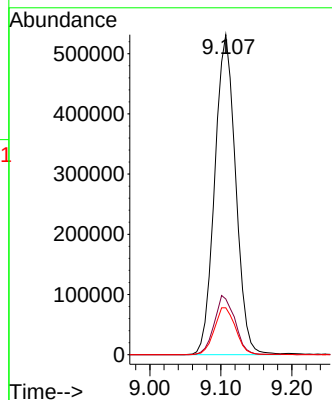
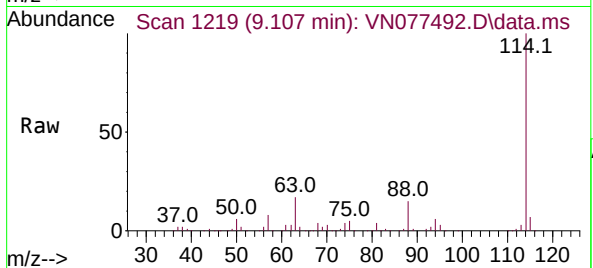
Tgt Ion:114 Resp: 1085920

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.726 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077492.D

Acq: 27 Apr 2023 12:48

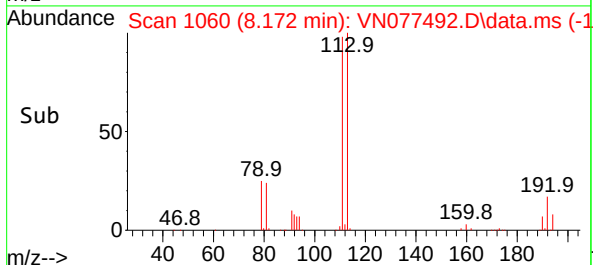
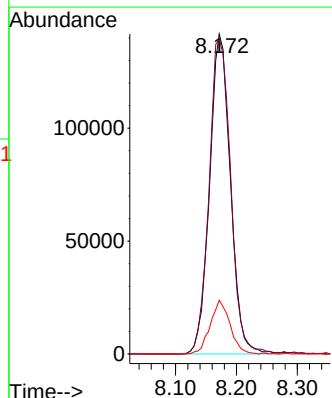
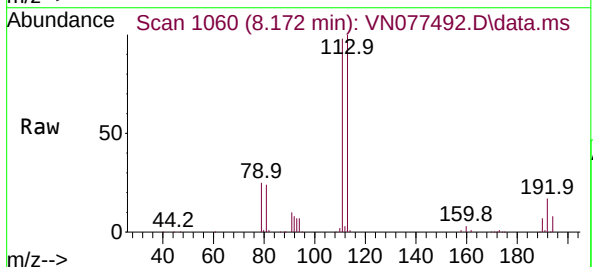
Tgt Ion:113 Resp: 337609

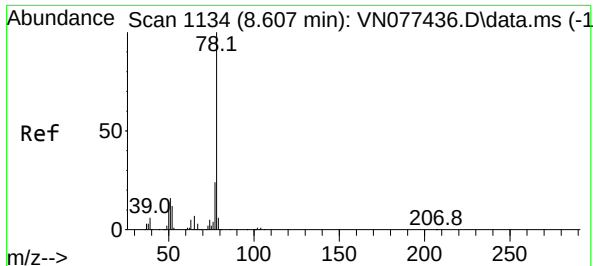
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 15.9 12.7 19.1

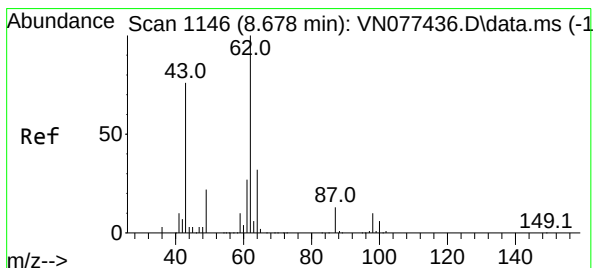
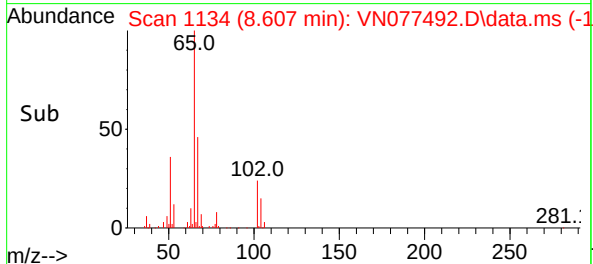
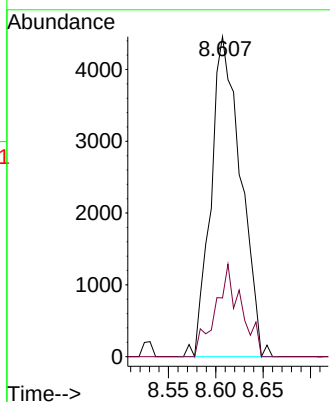
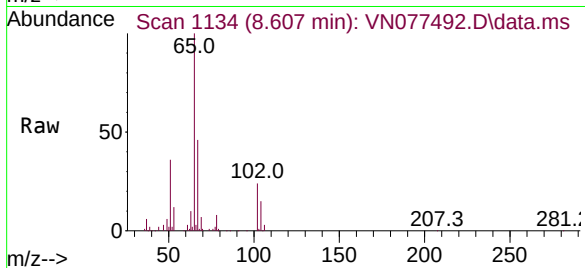




#40
Benzene
Concen: 0.342 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

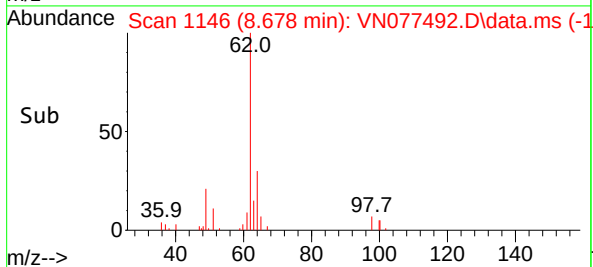
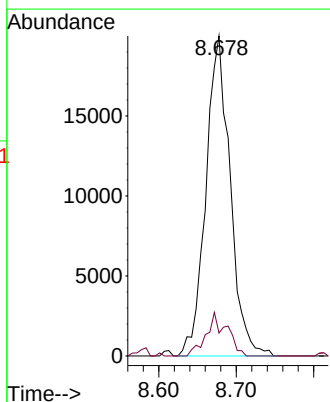
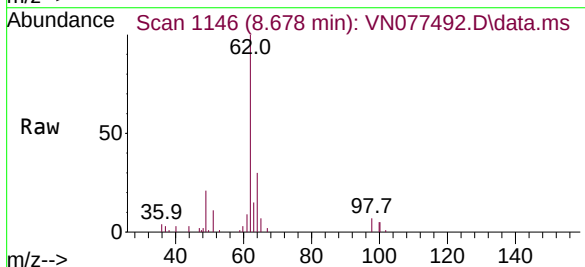
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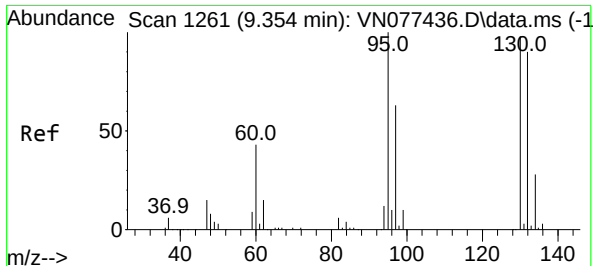
Tgt Ion: 78 Resp: 9822
Ion Ratio Lower Upper
78 100
77 18.3 19.0 28.6#



#42
1,2-Dichloroethane
Concen: 4.413 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Tgt Ion: 62 Resp: 43544
Ion Ratio Lower Upper
62 100
98 11.5 0.0 19.8

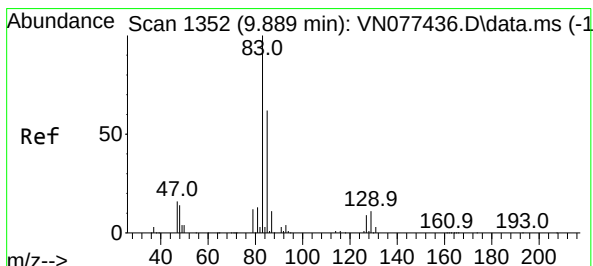
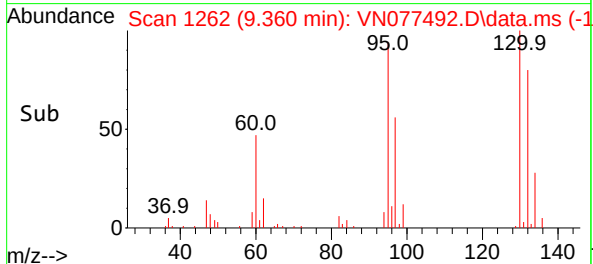
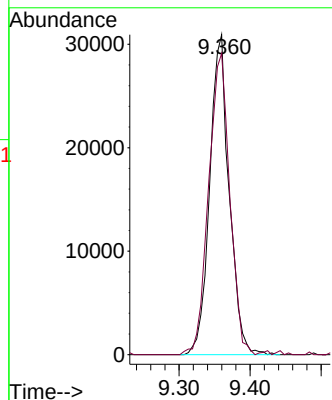
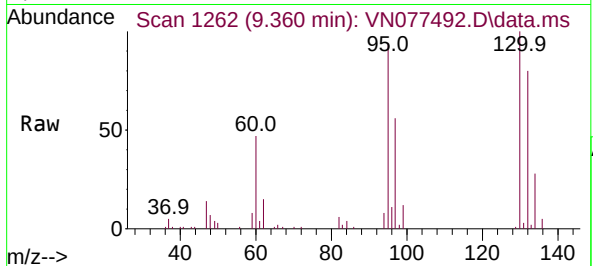




#44
Trichloroethene
Concen: 8.007 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

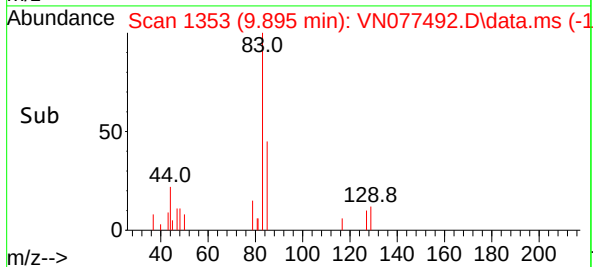
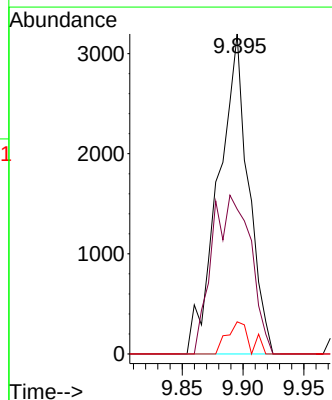
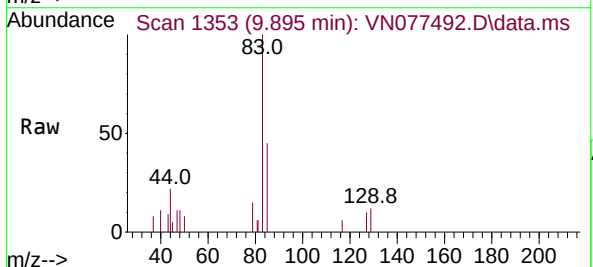
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

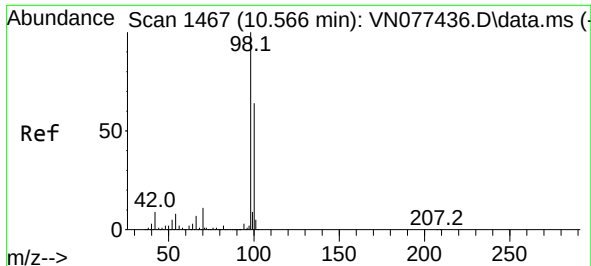
Tgt Ion:130 Resp: 58889
Ion Ratio Lower Upper
130 100
95 94.1 0.0 204.6



#47
Bromodichloromethane
Concen: 0.520 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Tgt Ion: 83 Resp: 5493
Ion Ratio Lower Upper
83 100
85 45.2 49.6 74.4#
127 10.0 7.0 10.6

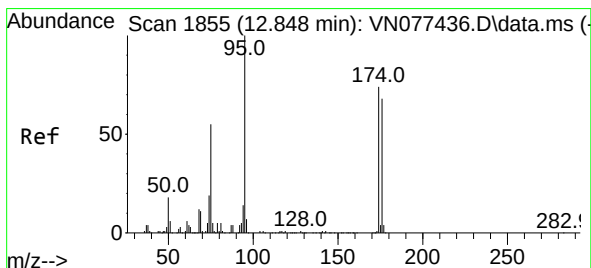
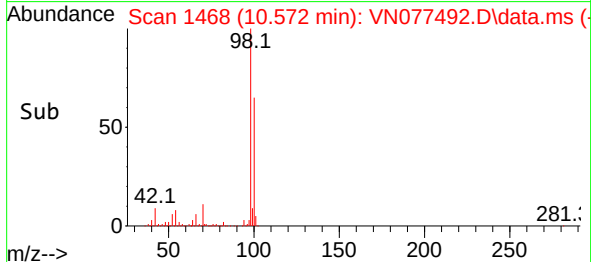
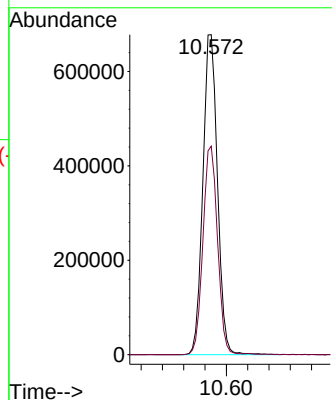
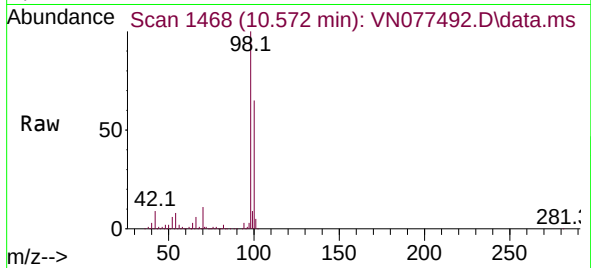




#50
Toluene-d8
Concen: 51.484 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

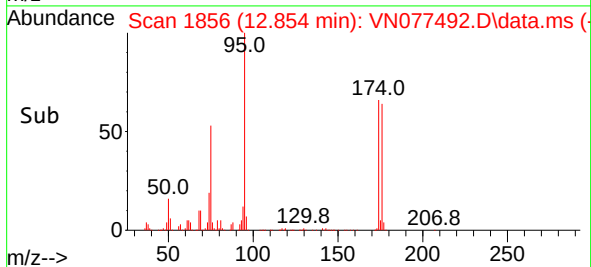
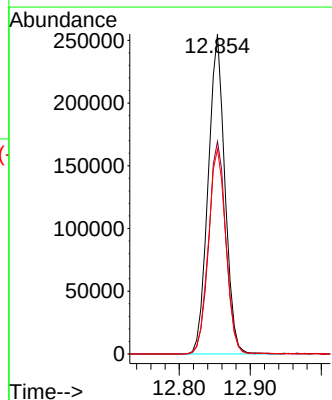
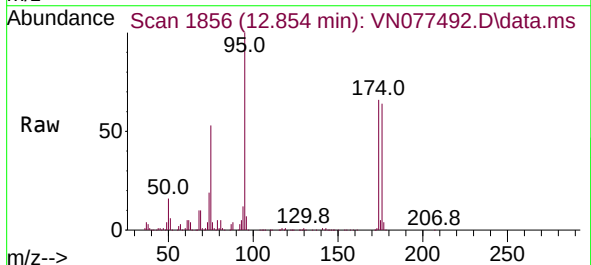
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

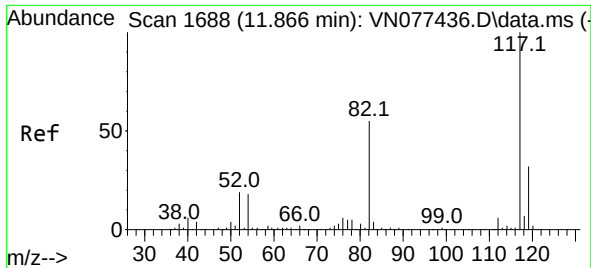
Tgt Ion: 98 Resp: 1287859
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.876 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Tgt Ion: 95 Resp: 416378
Ion Ratio Lower Upper
95 100
174 68.2 0.0 143.8
176 66.9 0.0 135.8

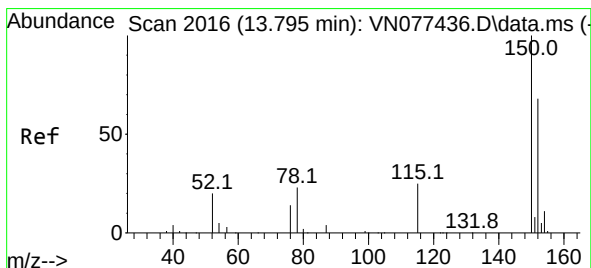
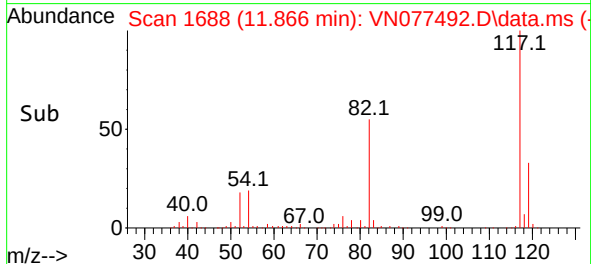
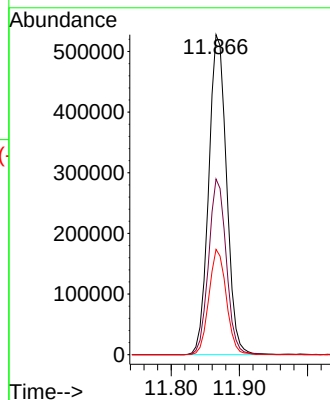
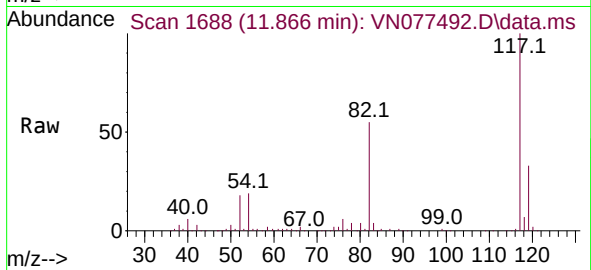




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

Tgt Ion:117 Resp: 960906
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077492.D
Acq: 27 Apr 2023 12:48

Tgt Ion:152 Resp: 350208
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 158.2 0.0 355.8

