

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077491.D
 Acq On : 27 Apr 2023 12:24
 Operator : JC\MD
 Sample : 02520-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 28 03:24:23 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)

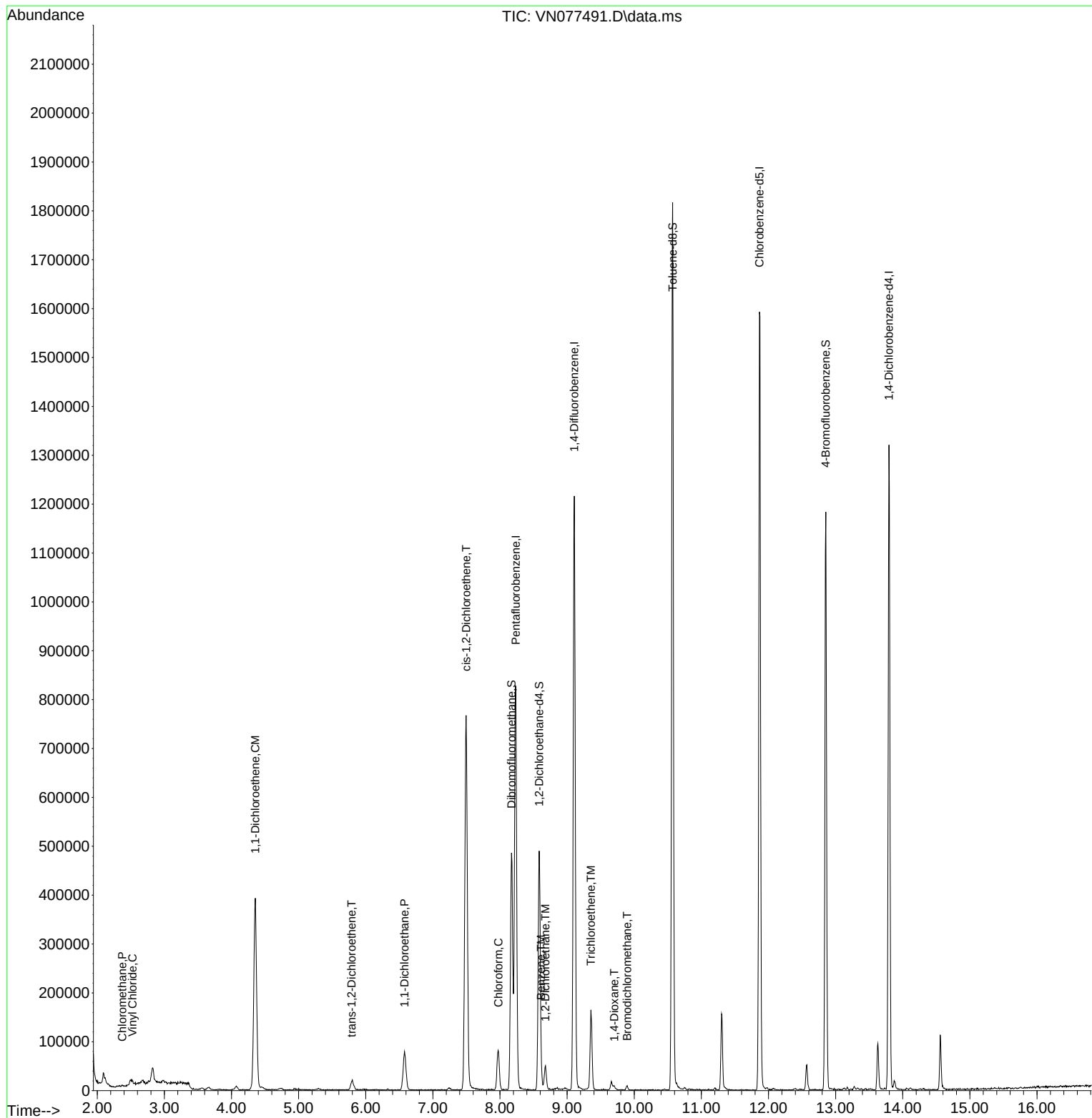
Internal Standards						
1) Pentafluorobenzene	8.236	168	605739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1117764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	994738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	365277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	395414	50.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.060%	
35) Dibromofluoromethane	8.172	113	353100	52.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.120%	
50) Toluene-d8	10.572	98	1343456	52.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.854	95	424741	50.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.372	50	1905	0.314	ug/l #	82
4) Vinyl Chloride	2.525	62	3165	0.391	ug/l #	65
12) 1,1-Dichloroethene	4.354	96	256071	37.881	ug/l	95
21) trans-1,2-Dichloroethene	5.790	96	12670	1.733	ug/l #	71
24) 1,1-Dichloroethane	6.578	63	109703	8.985	ug/l #	96
27) cis-1,2-Dichloroethene	7.495	96	501048	57.878	ug/l	90
30) Chloroform	7.978	83	82539	5.998	ug/l	93
40) Benzene	8.613	78	10101	0.342	ug/l #	87
42) 1,2-Dichloroethane	8.678	62	42949	4.229	ug/l	96
44) Trichloroethene	9.354	130	57970	7.657	ug/l	100
47) Bromodichloromethane	9.895	83	6220	0.572	ug/l	97
49) 1,4-Dioxane	9.701	88	7383	50.678	ug/l	92

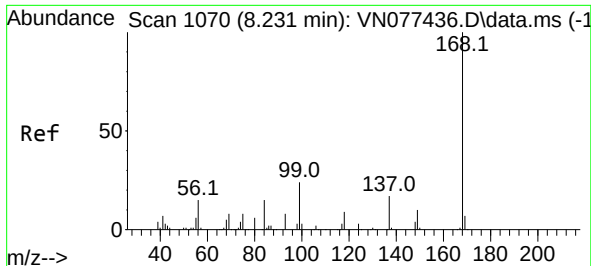
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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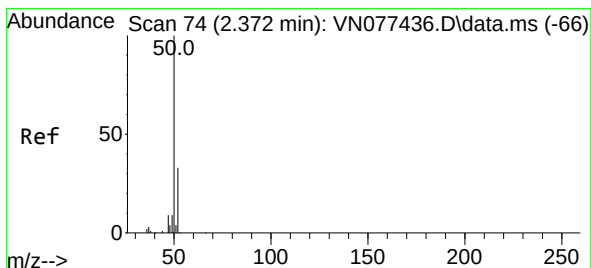
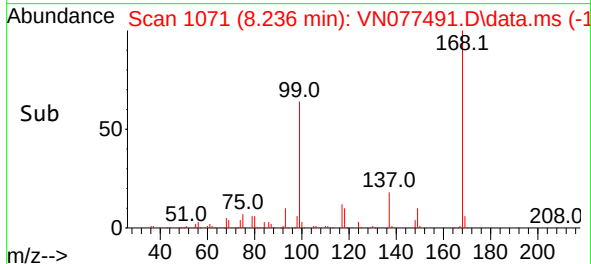
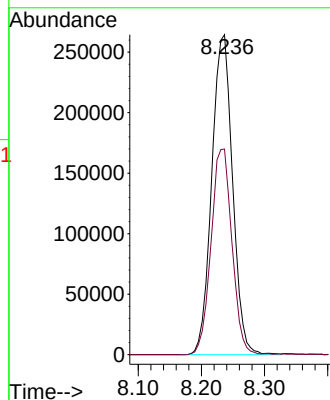
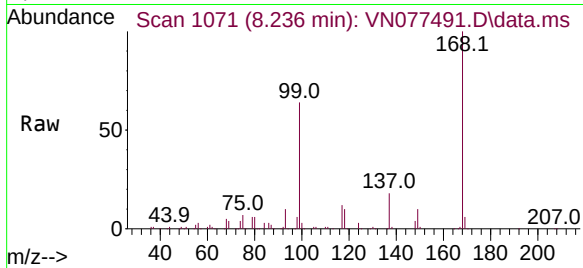




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

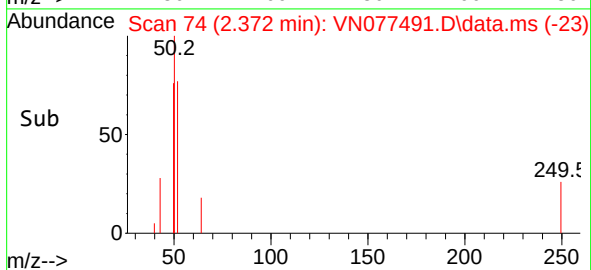
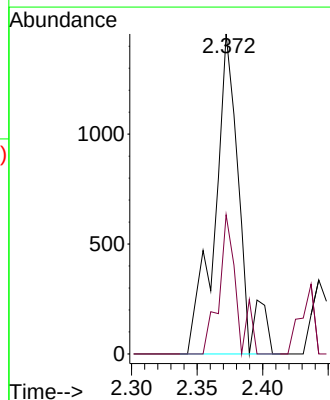
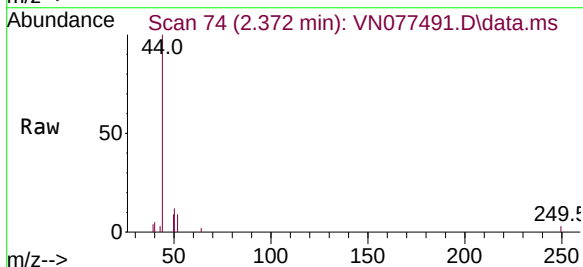
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623

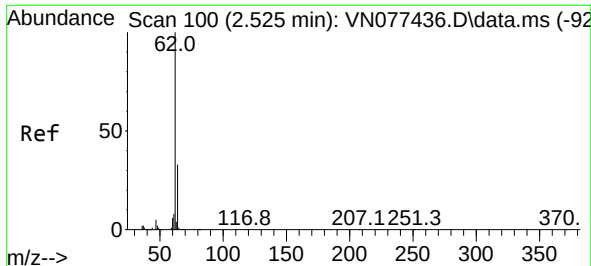
Tgt Ion:168 Resp: 605739
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

Tgt Ion: 50 Resp: 1905
Ion Ratio Lower Upper
50 100
52 43.5 26.5 39.7#

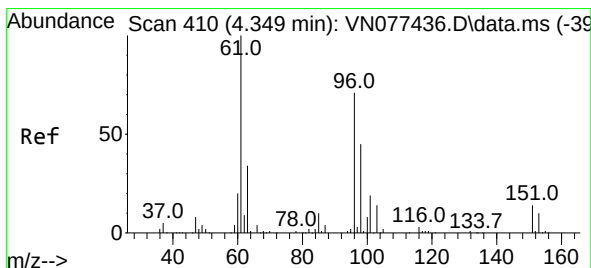
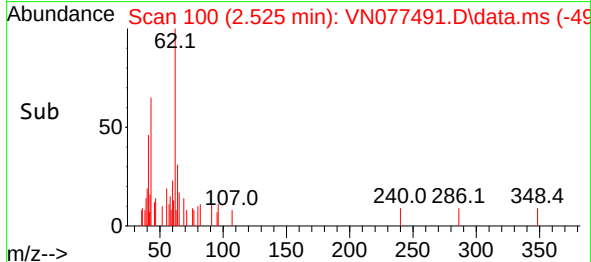
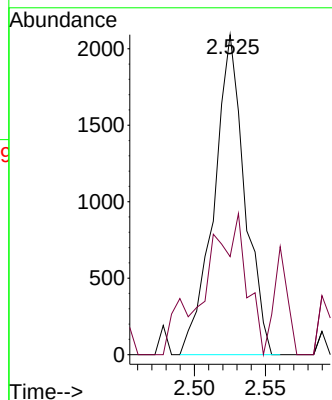
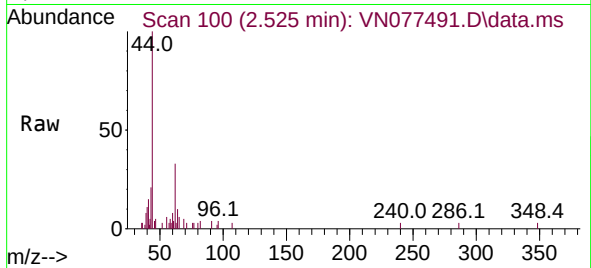




#4
 Vinyl Chloride
 Concen: 0.391 ug/l
 RT: 2.525 min Scan# 100
 Delta R.T. -0.000 min
 Lab File: VN077491.D
 Acq: 27 Apr 2023 12:24

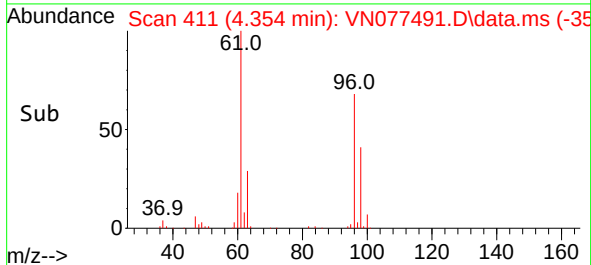
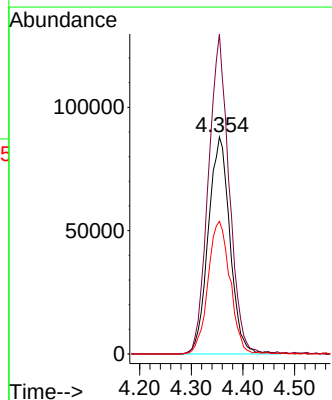
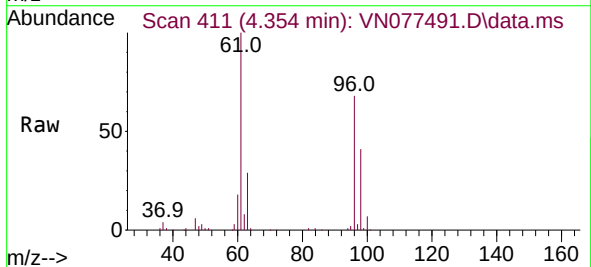
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-06B-40-45-042623

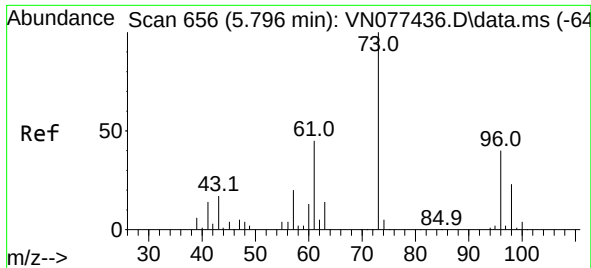
Tgt Ion: 62 Resp: 3165
 Ion Ratio Lower Upper
 62 100
 64 13.1 26.2 39.2#



#12
 1,1-Dichloroethene
 Concen: 37.881 ug/l
 RT: 4.354 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN077491.D
 Acq: 27 Apr 2023 12:24

Tgt Ion: 96 Resp: 256071
 Ion Ratio Lower Upper
 96 100
 61 147.4 112.7 169.1
 98 61.1 51.2 76.8

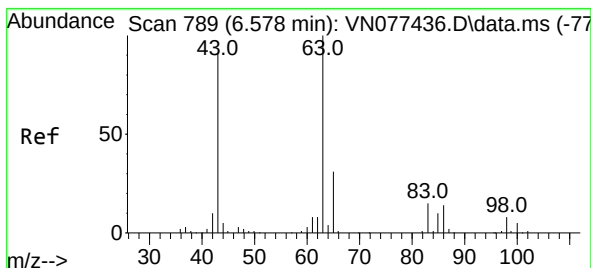
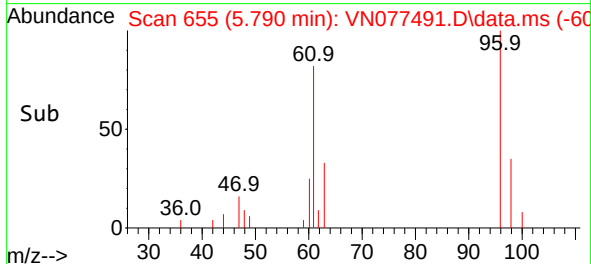
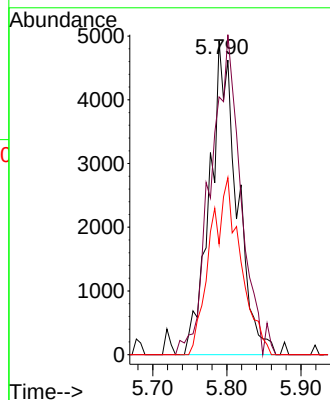
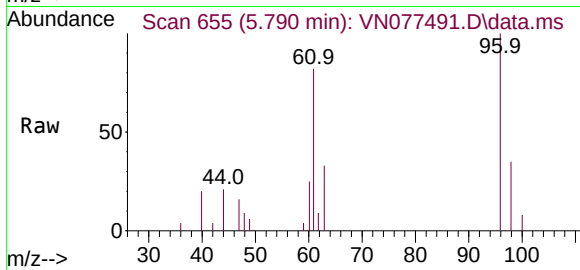




#21
trans-1,2-Dichloroethene
Concen: 1.733 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

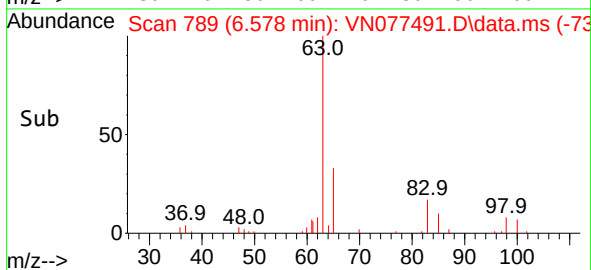
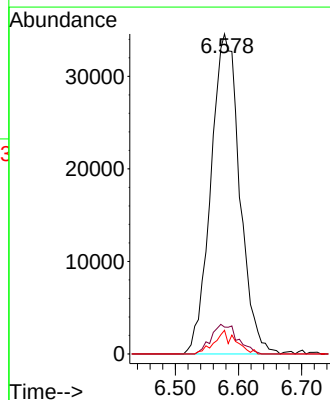
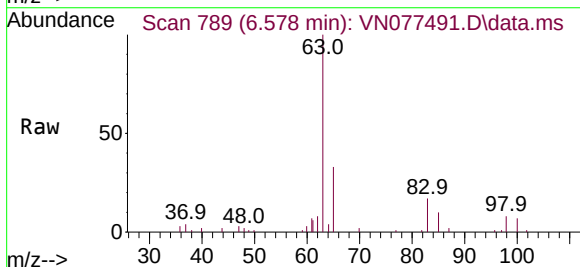
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623

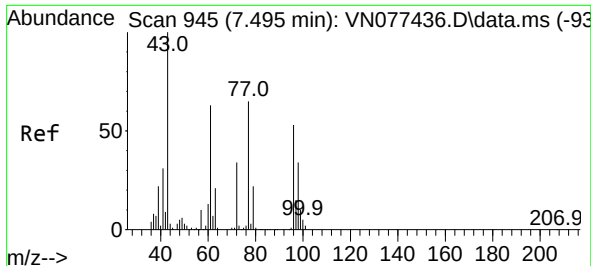
Tgt Ion: 96 Resp: 12670
Ion Ratio Lower Upper
96 100
61 82.2 90.1 135.1#
98 35.3 46.4 69.6#



#24
1,1-Dichloroethane
Concen: 8.985 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

Tgt Ion: 63 Resp: 109703
Ion Ratio Lower Upper
63 100
98 8.4 3.9 11.7
100 7.4 2.5 7.4#

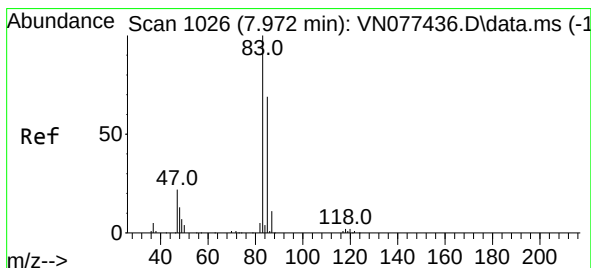
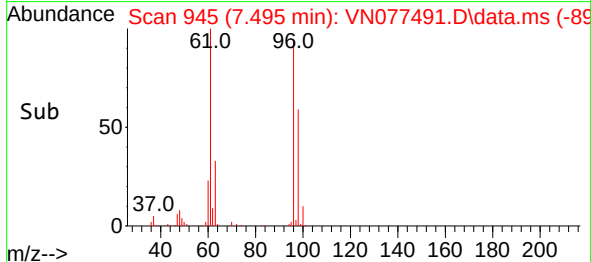
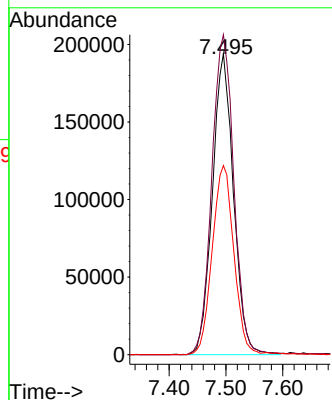
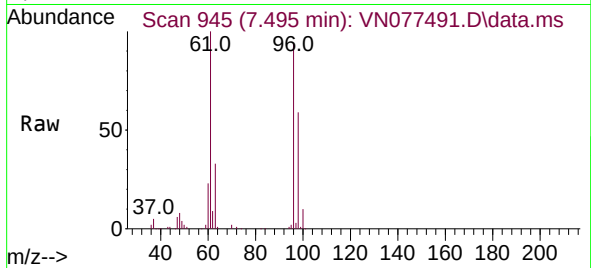




#27
 cis-1,2-Dichloroethene
 Concen: 57.878 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077491.D
 Acq: 27 Apr 2023 12:24

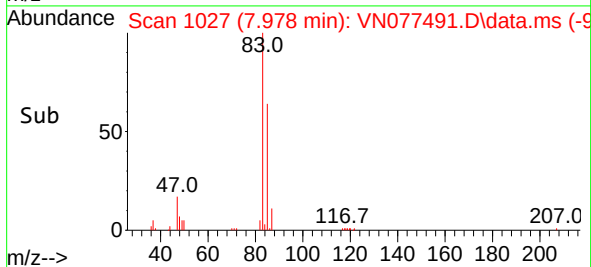
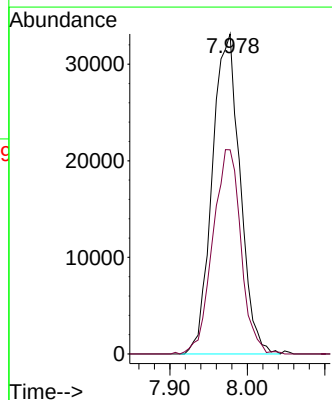
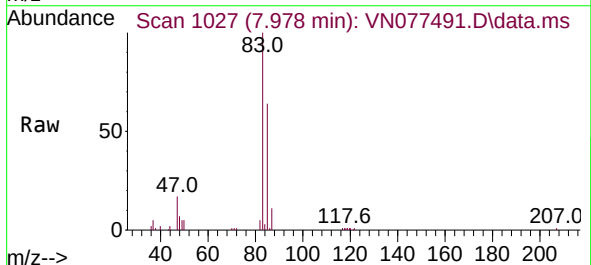
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-06B-40-45-042623

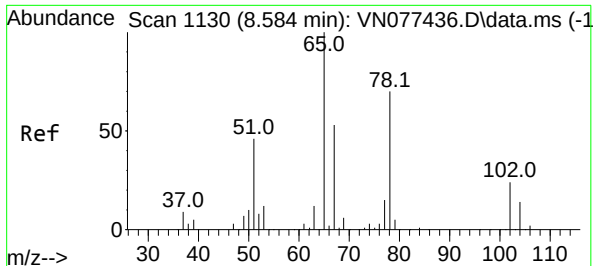
Tgt Ion: 96 Resp: 501048
 Ion Ratio Lower Upper
 96 100
 61 110.8 0.0 255.2
 98 64.1 0.0 128.8



#30
 Chloroform
 Concen: 5.998 ug/l
 RT: 7.978 min Scan# 1027
 Delta R.T. 0.006 min
 Lab File: VN077491.D
 Acq: 27 Apr 2023 12:24

Tgt Ion: 83 Resp: 82539
 Ion Ratio Lower Upper
 83 100
 85 63.8 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 50.026 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077491.D

Acq: 27 Apr 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

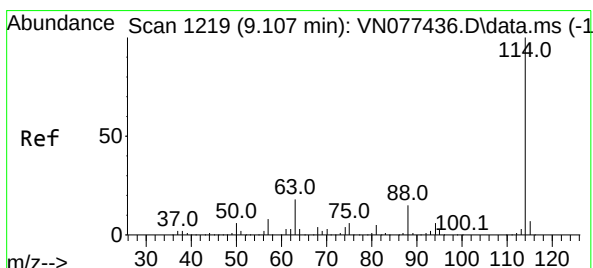
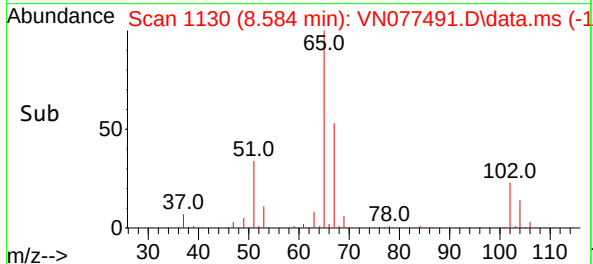
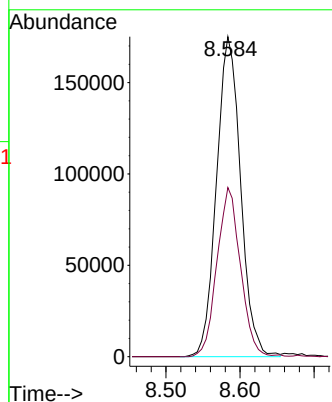
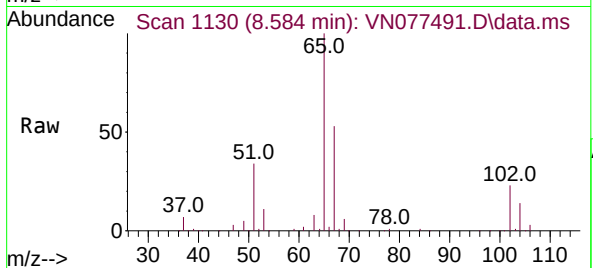
GWOW-06B-40-45-042623

Tgt Ion: 65 Resp: 395414

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077491.D

Acq: 27 Apr 2023 12:24

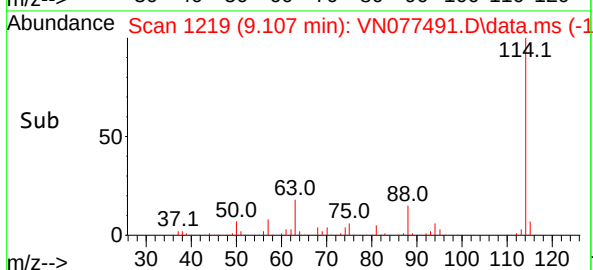
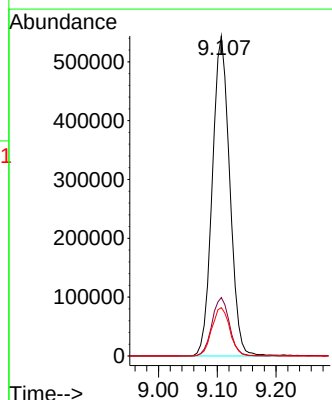
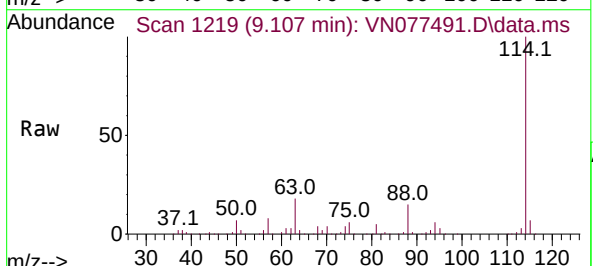
Tgt Ion: 114 Resp: 1117764

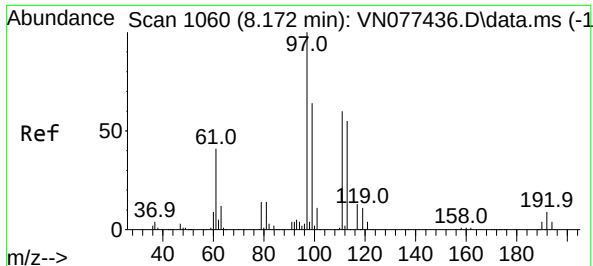
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.558 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077491.D

Acq: 27 Apr 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

GWOW-06B-40-45-042623

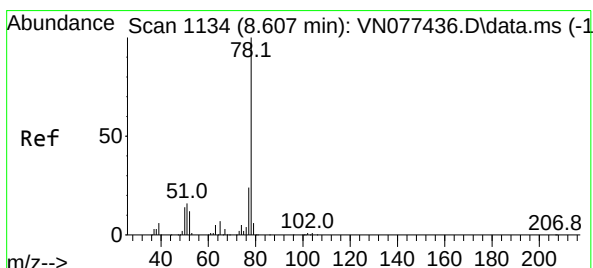
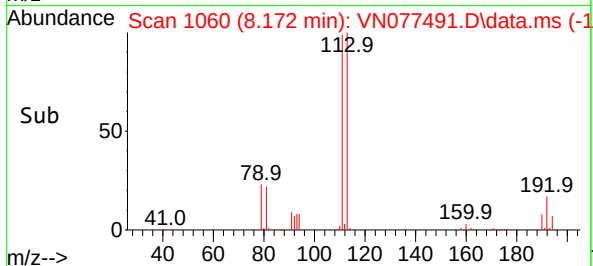
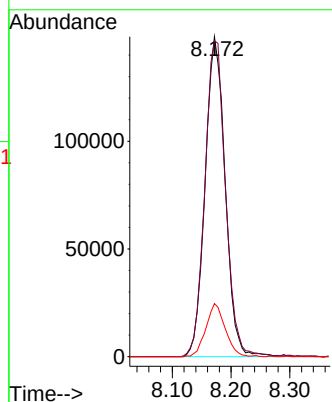
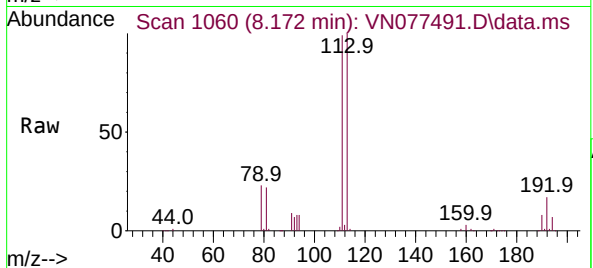
Tgt Ion:113 Resp: 353100

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 16.0 12.7 19.1



#40

Benzene

Concen: 0.342 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077491.D

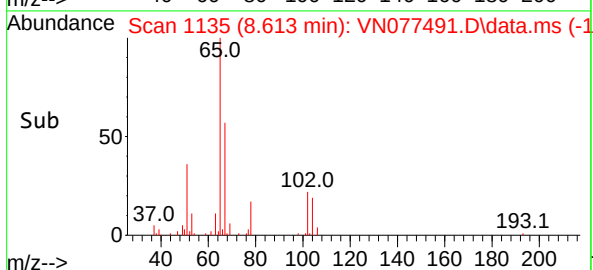
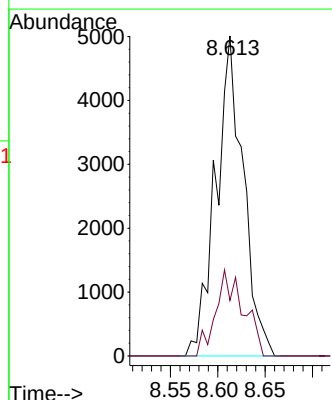
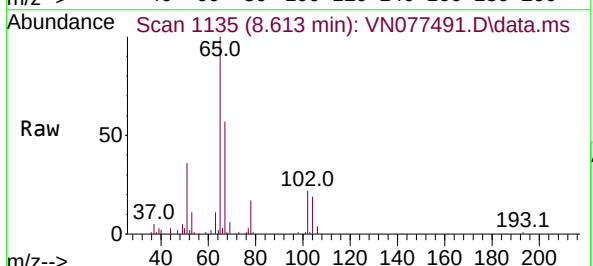
Acq: 27 Apr 2023 12:24

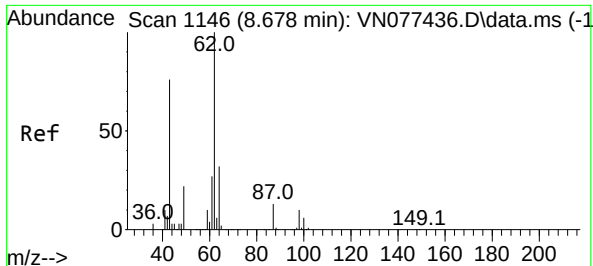
Tgt Ion: 78 Resp: 10101

Ion Ratio Lower Upper

78 100

77 17.3 19.0 28.6#





#42

1,2-Dichloroethane

Concen: 4.229 ug/l

RT: 8.678 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN077491.D

Acq: 27 Apr 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

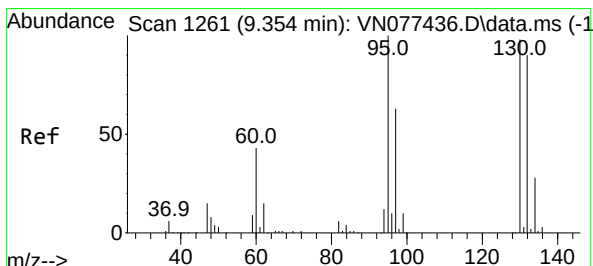
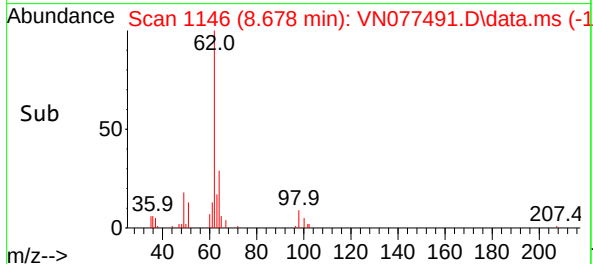
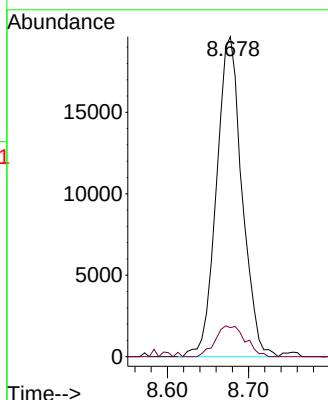
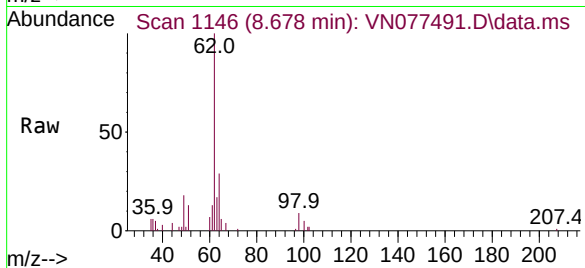
GWOW-06B-40-45-042623

Tgt Ion: 62 Resp: 42949

Ion Ratio Lower Upper

62 100

98 11.3 0.0 19.8



#44

Trichloroethene

Concen: 7.657 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077491.D

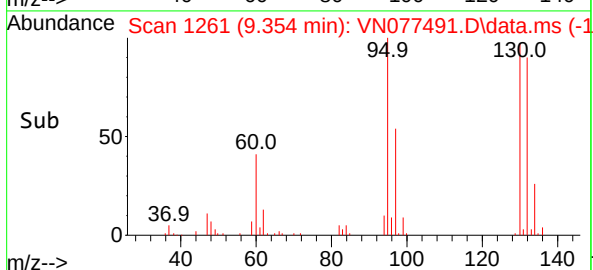
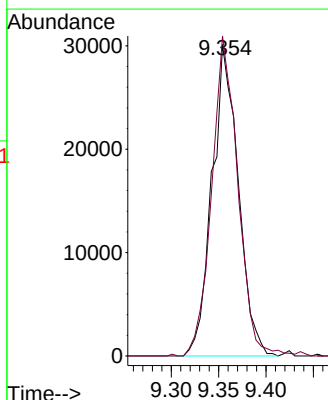
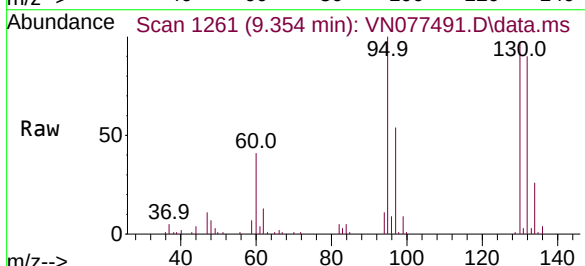
Acq: 27 Apr 2023 12:24

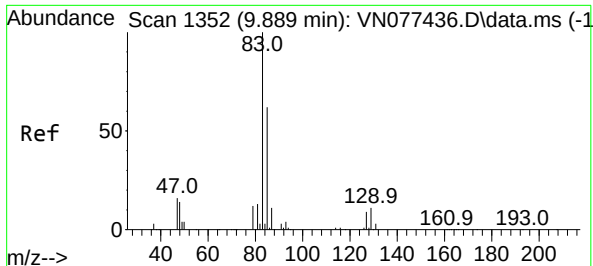
Tgt Ion: 130 Resp: 57970

Ion Ratio Lower Upper

130 100

95 102.8 0.0 204.6

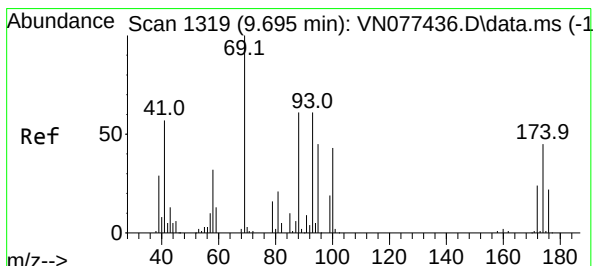
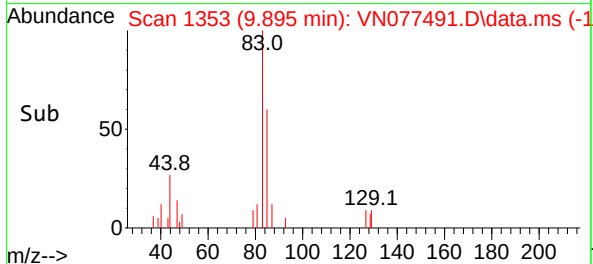
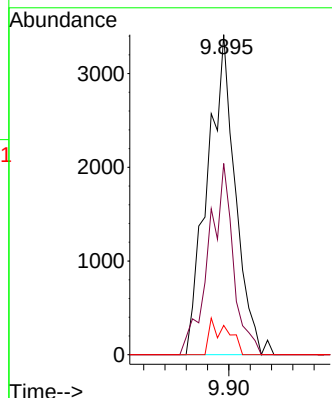
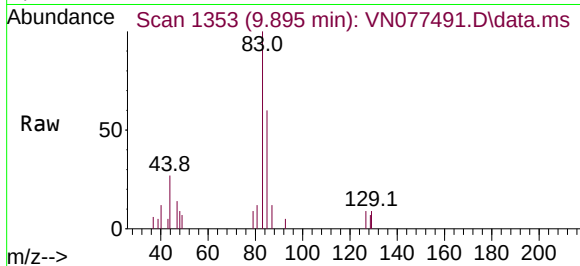




#47
Bromodichloromethane
Concen: 0.572 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

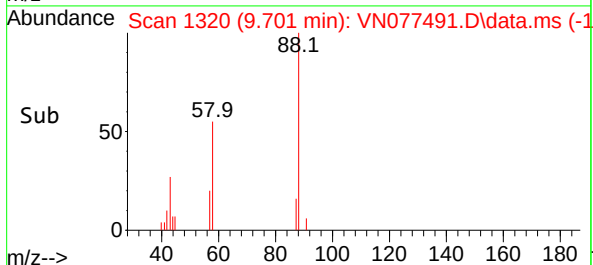
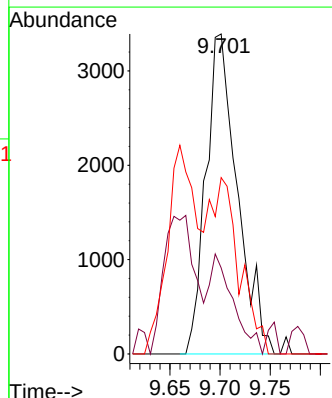
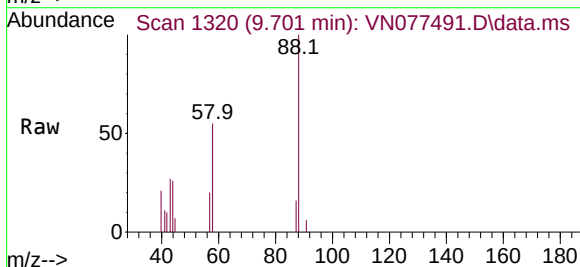
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623

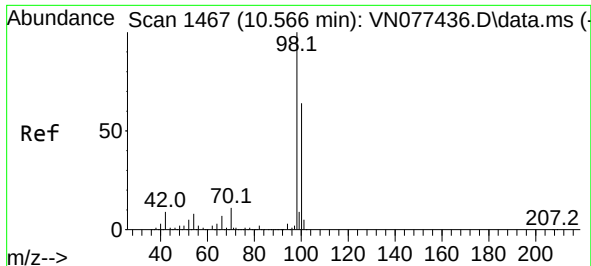
Tgt Ion:	83	Resp:	6220
Ion	Ratio	Lower	Upper
83	100		
85	59.7	49.6	74.4
127	9.2	7.0	10.6



#49
1,4-Dioxane
Concen: 50.678 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

Tgt Ion:	88	Resp:	7383
Ion	Ratio	Lower	Upper
88	100		
43	23.8	17.0	25.6
58	51.7	47.0	70.4

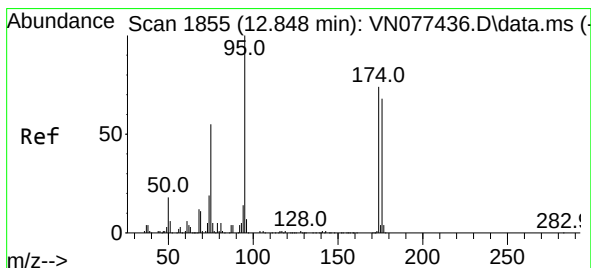
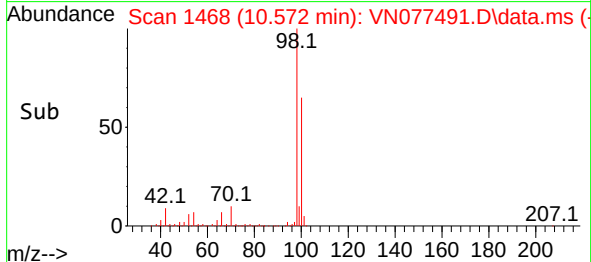
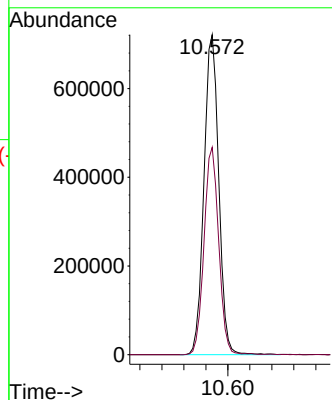
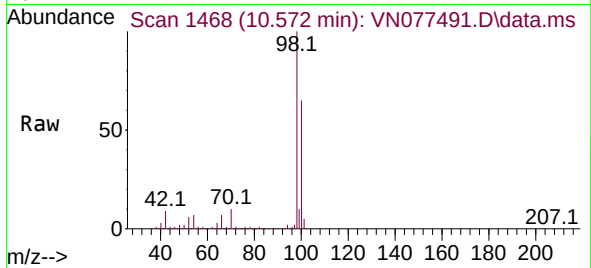




#50
Toluene-d8
Concen: 52.177 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

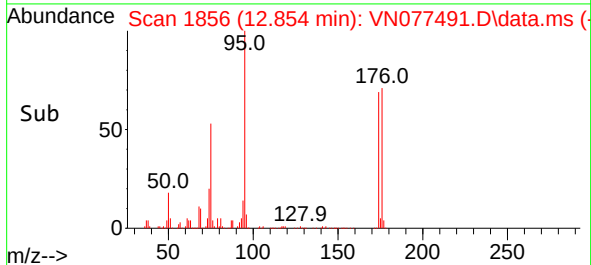
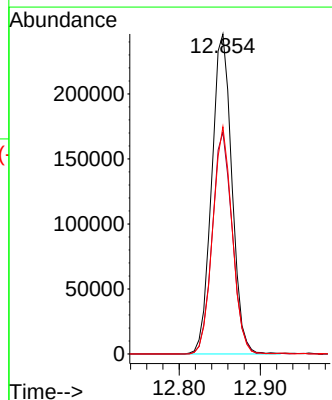
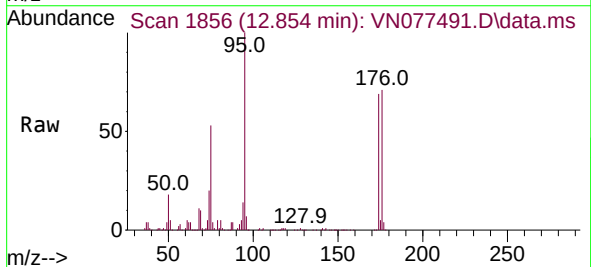
Instrument :
MSVOA_N
ClientSampleId :
GWOW-06B-40-45-042623

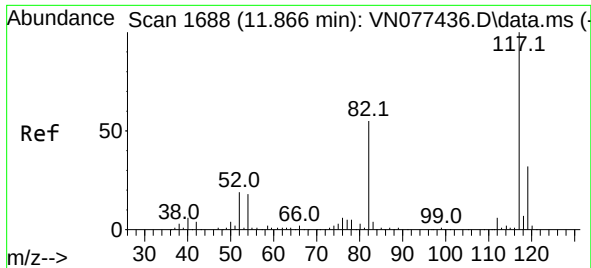
Tgt Ion: 98 Resp: 1343456
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.419 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

Tgt Ion: 95 Resp: 424741
Ion Ratio Lower Upper
95 100
174 68.7 0.0 143.8
176 68.6 0.0 135.8

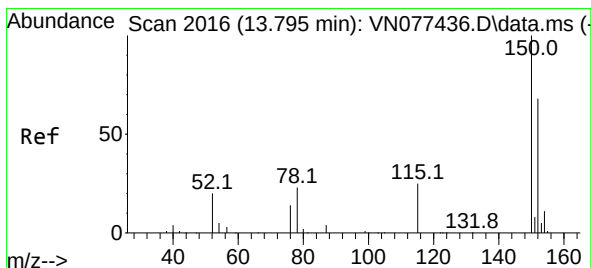
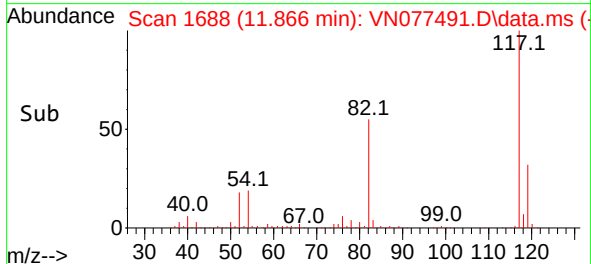
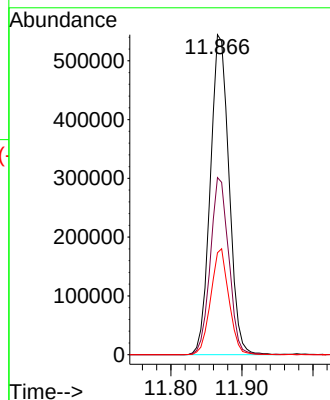
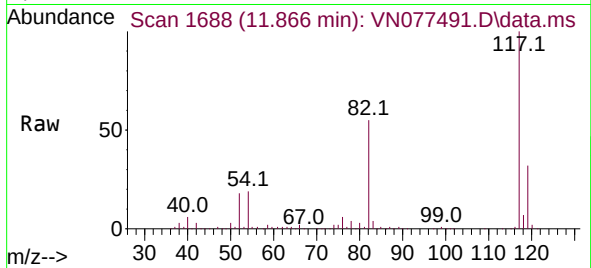




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077491.D
Acq: 27 Apr 2023 12:24

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

Tgt Ion:117 Resp: 994738
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.9 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: VN077491.D
Acq: 27 Apr 2023 12:24

Tgt Ion:152 Resp: 365277
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 156.5 0.0 355.8

