

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030103.D
 Acq On : 18 Jul 2022 12:15
 Operator : JC/MD
 Sample : N3755-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-454-500-071522

Quant Time: Jul 19 05:40:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

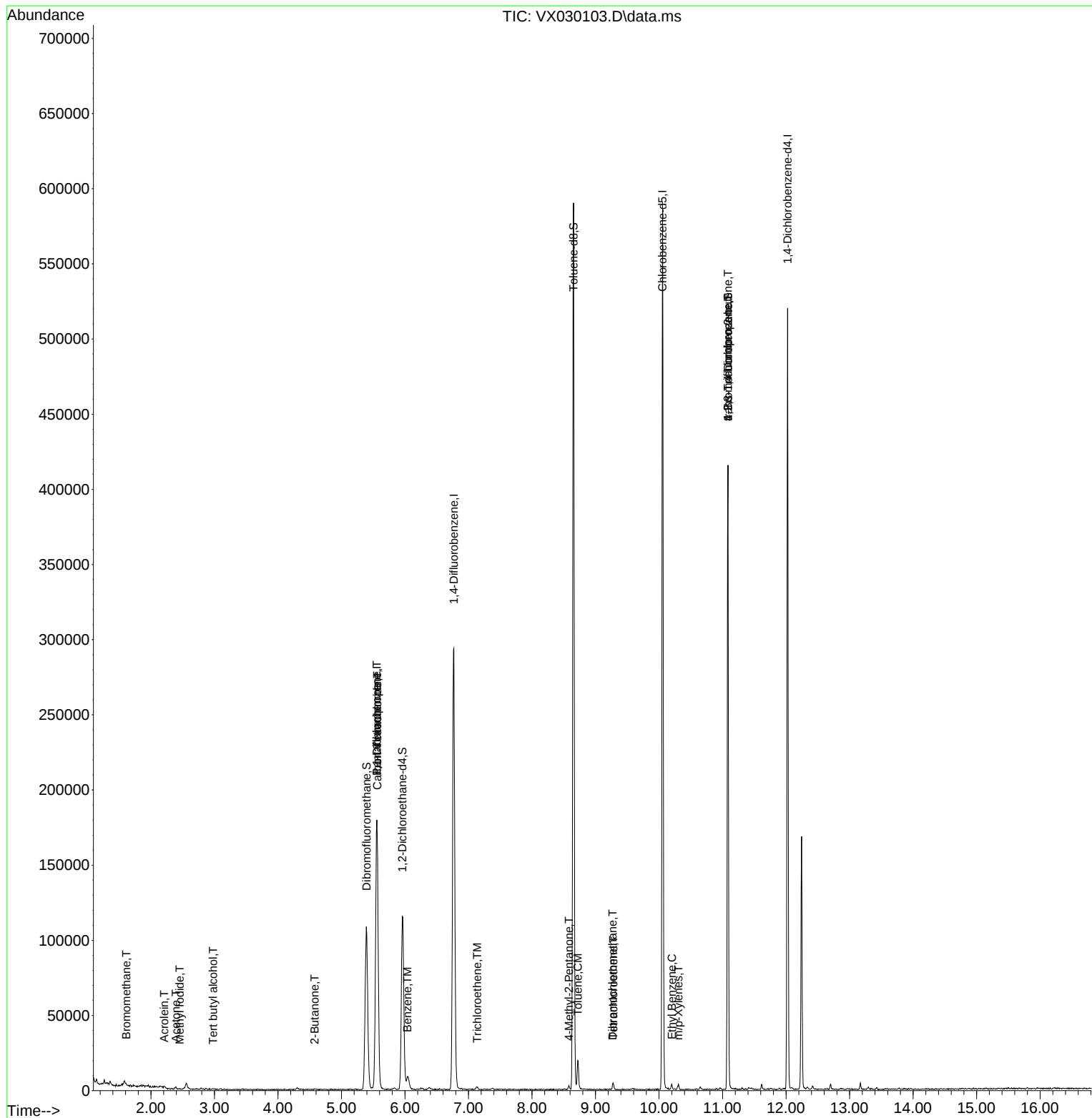
Internal Standards						
1) Pentafluorobenzene	5.556	168	172777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	312185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106021	50.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	5.397	113	95093	47.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.360%			
50) Toluene-d8	8.653	98	355984	47.460	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.920%			
62) 4-Bromofluorobenzene	11.085	95	112336	43.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	87	Below Cal	#	42
5) Bromomethane	1.611	94	227	0.267	ug/l #	60
10) Methyl Iodide	2.453	142	366	2.609	ug/l #	72
11) Tert butyl alcohol	2.977	59	723	1.332	ug/l #	74
13) Acrolein	2.209	56	60	0.555	ug/l #	1
16) Acetone	2.392	43	1589	1.604	ug/l	94
17) Carbon Disulfide	2.508	76	827	Below Cal	#	85
20) Methylene Chloride	2.794	84	480	Below Cal	#	63
25) 2-Butanone	4.574	43	338	0.200	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	13790	5.353	ug/l #	47
38) Carbon Tetrachloride	5.562	117	17646	7.346	ug/l #	17
40) Benzene	6.037	78	10231	1.262	ug/l #	86
44) Trichloroethene	7.135	130	632	0.267	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1629	0.495	ug/l	92
52) Toluene	8.720	92	7181	1.395	ug/l	97
60) Dibromochloromethane	9.269	129	815	0.394	ug/l #	11
64) Tetrachloroethene	9.281	164	746	0.354	ug/l #	90
67) Ethyl Benzene	10.201	91	1858	0.210	ug/l	99
68) m/p-Xylenes	10.305	106	742	0.213	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	54342	22.329	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54342	64.441	ug/l #	13

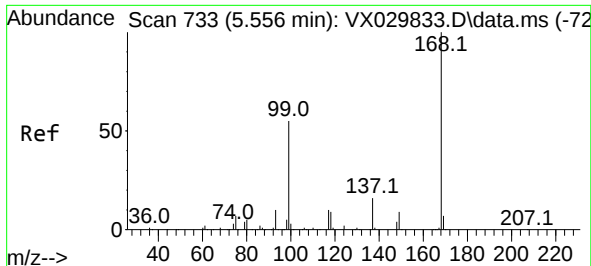
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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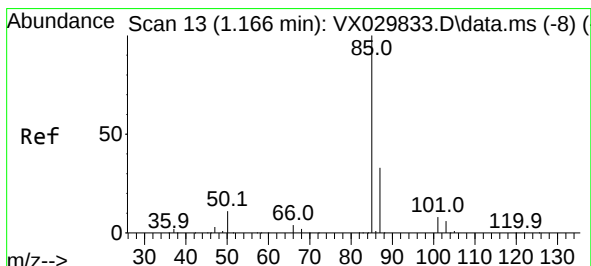
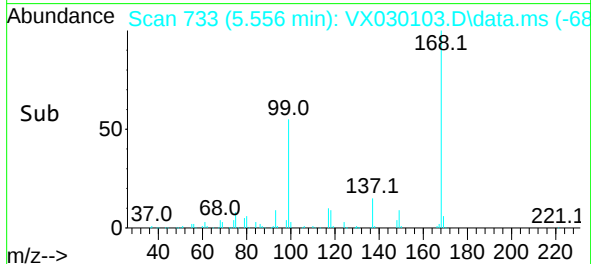
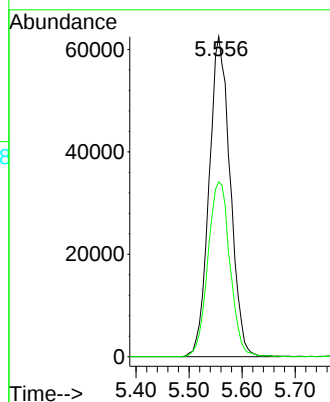
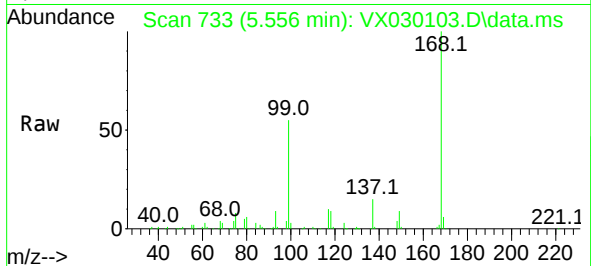




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

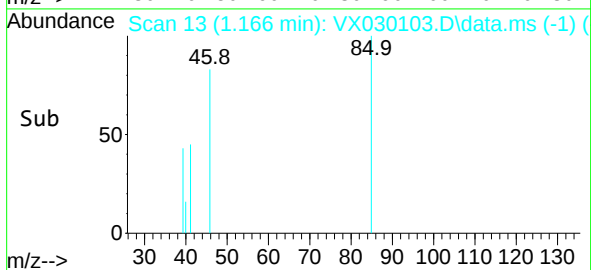
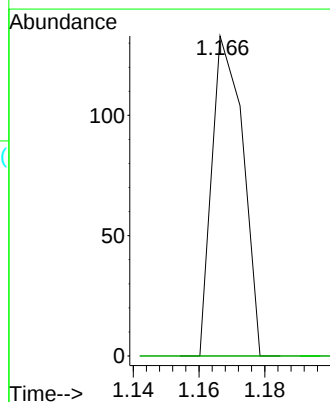
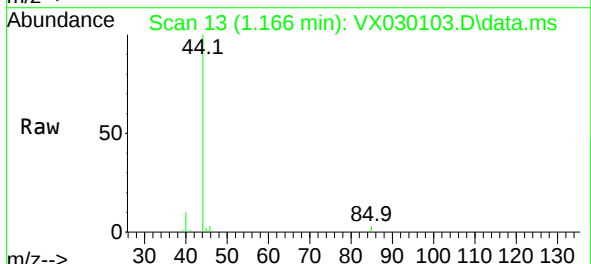
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-454-500-071522

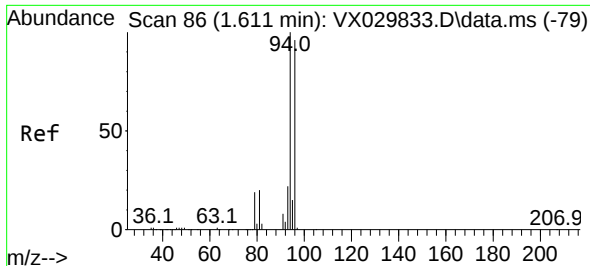
Tgt Ion:168 Resp: 172777
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 85 Resp: 87
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

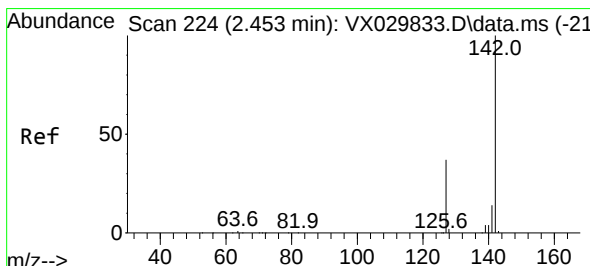
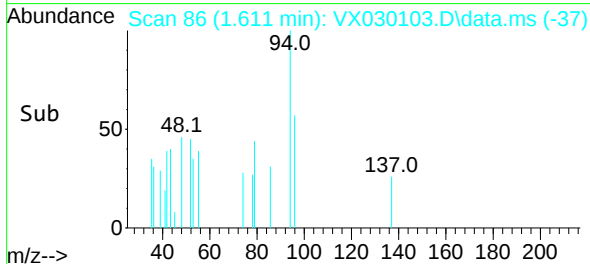
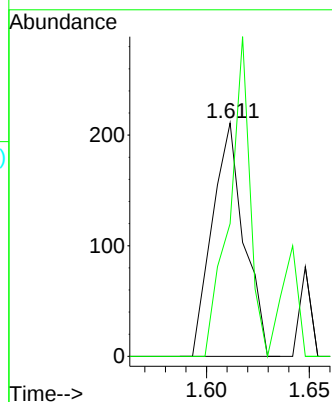
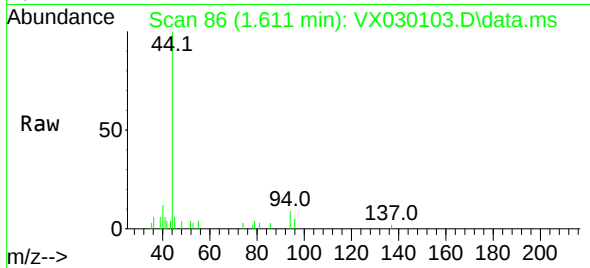




#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

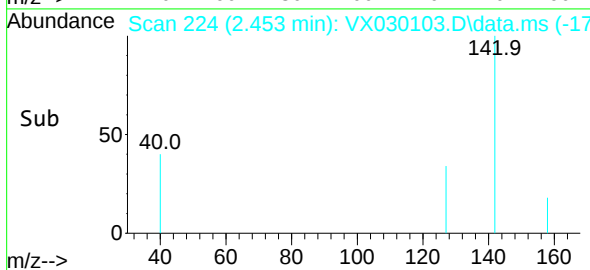
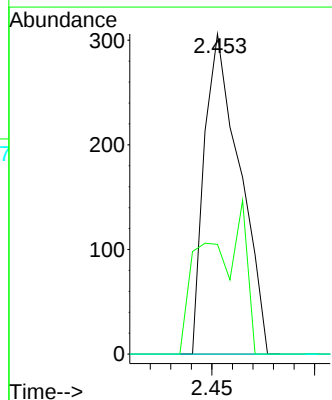
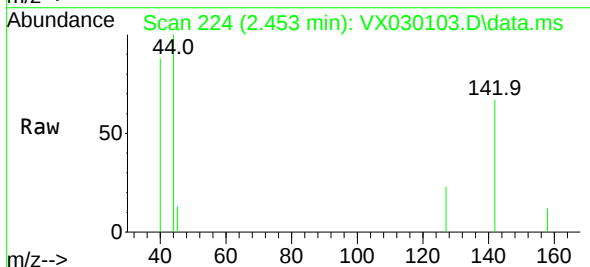
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-454-500-071522

Tgt Ion: 94 Resp: 227
Ion Ratio Lower Upper
94 100
96 56.9 76.9 115.3#



#10
Methyl Iodide
Concen: 2.609 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 142 Resp: 366
Ion Ratio Lower Upper
142 100
127 52.7 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 1.332 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX030103.D

Acq: 18 Jul 2022 12:15

Instrument :

MSVOA_X

ClientSampleId :

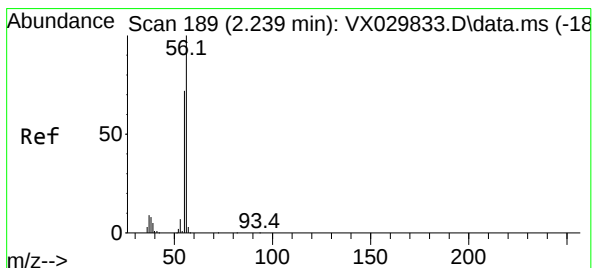
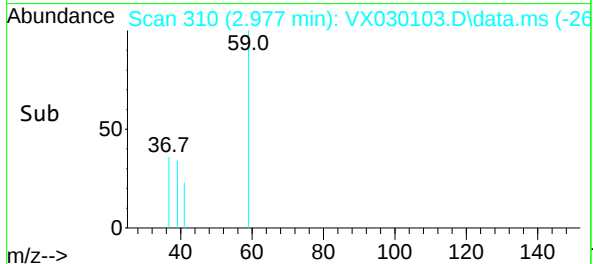
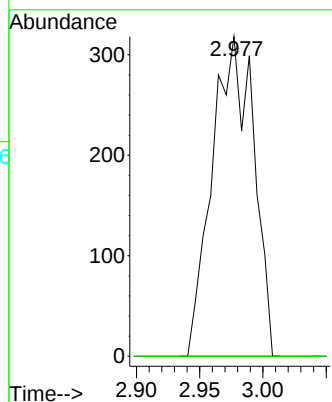
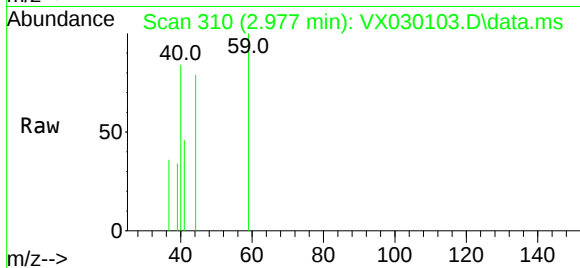
GWOW-BR-03-454-500-071522

Tgt Ion: 59 Resp: 723

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 0.555 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.030 min

Lab File: VX030103.D

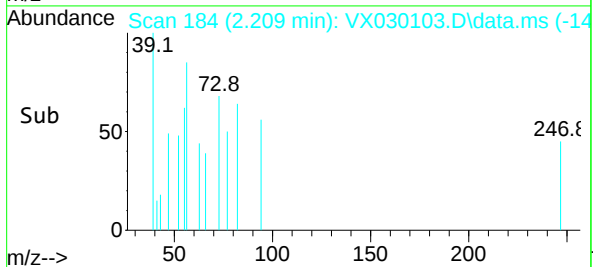
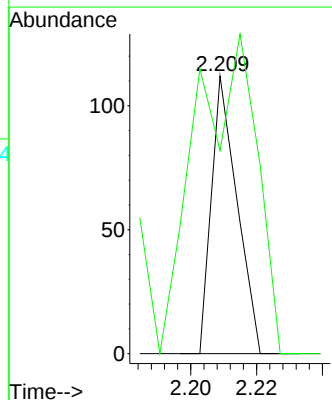
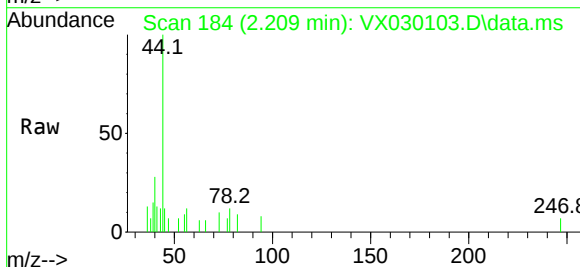
Acq: 18 Jul 2022 12:15

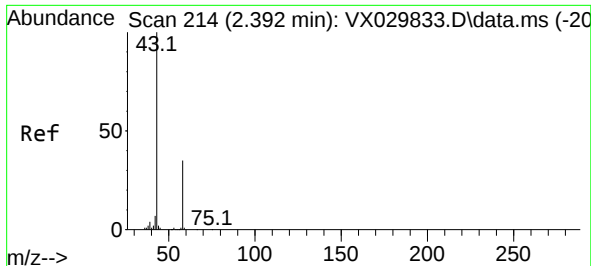
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 276.7 56.6 84.8#

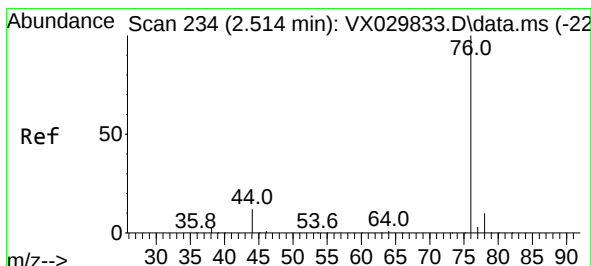
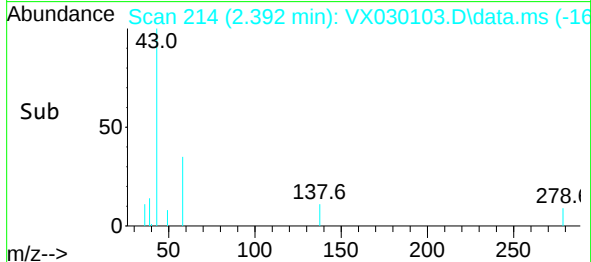
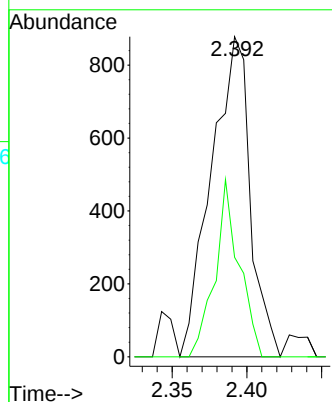
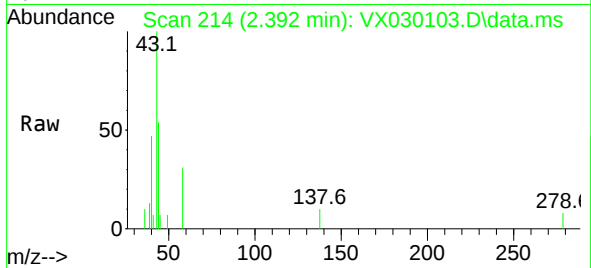




#16
Acetone
Concen: 1.604 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

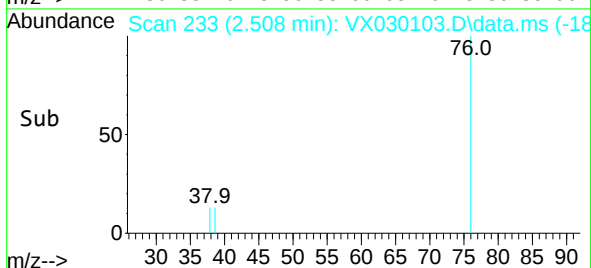
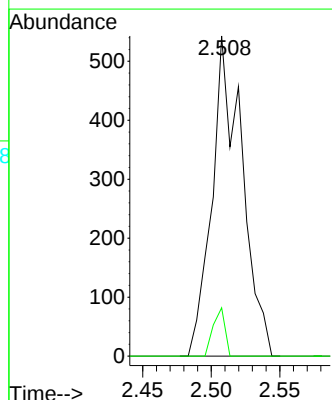
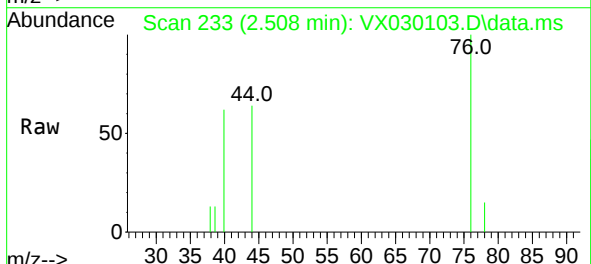
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-454-500-071522

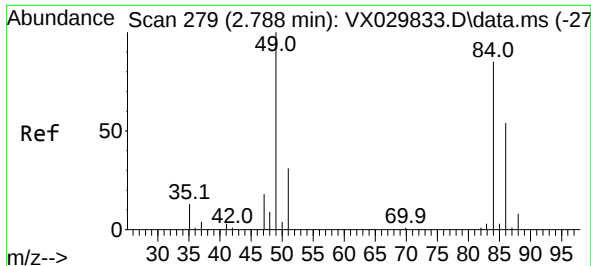
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 31.1 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 76 Resp: 827
Ion Ratio Lower Upper
76 100
78 15.1 7.8 11.6#

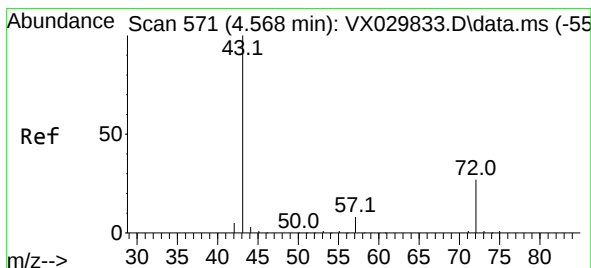
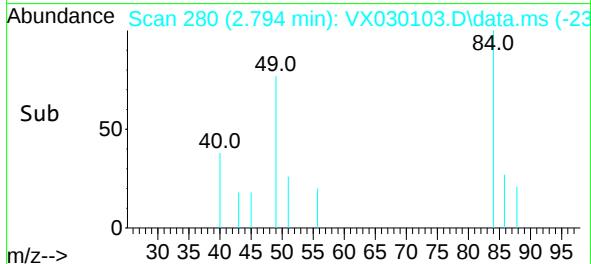
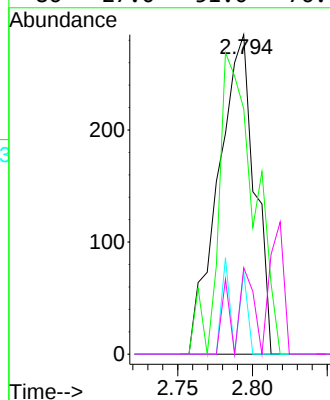
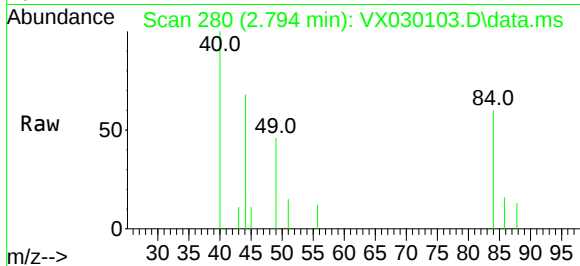




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

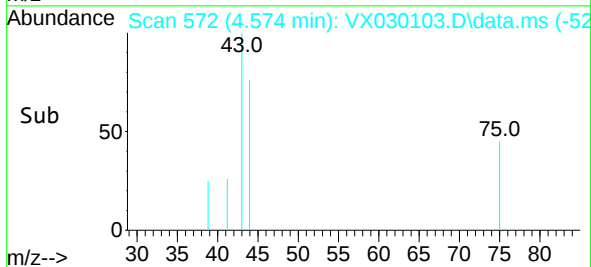
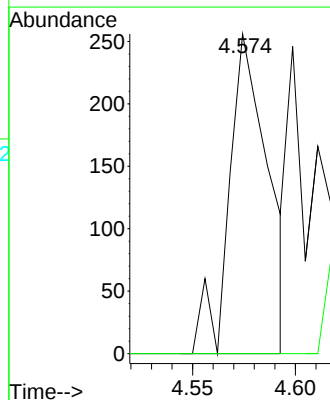
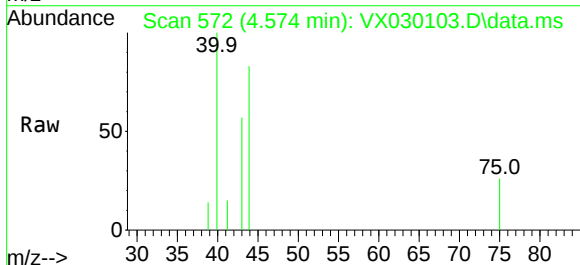
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-454-500-071522

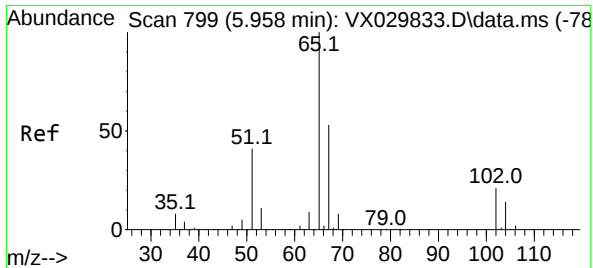
Tgt Ion: 84 Resp: 480
Ion Ratio Lower Upper
84 100
49 76.8 93.8 140.6#
51 25.6 29.4 44.0#
86 27.0 51.0 76.4#



#25
2-Butanone
Concen: 0.200 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 50.414 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030103.D

Acq: 18 Jul 2022 12:15

Instrument :

MSVOA_X

ClientSampleId :

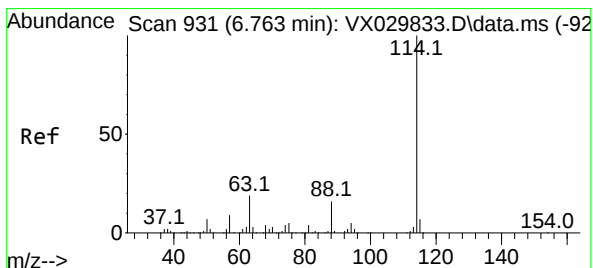
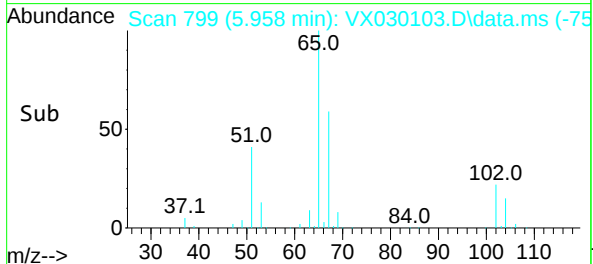
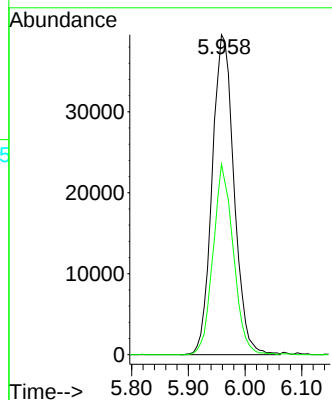
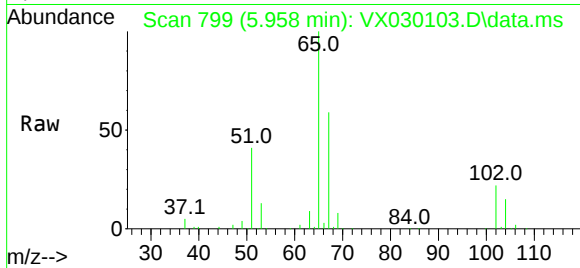
GWOW-BR-03-454-500-071522

Tgt Ion: 65 Resp: 106021

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030103.D

Acq: 18 Jul 2022 12:15

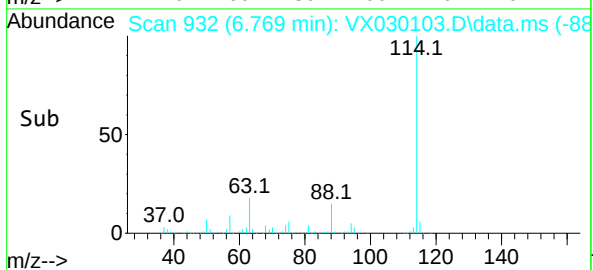
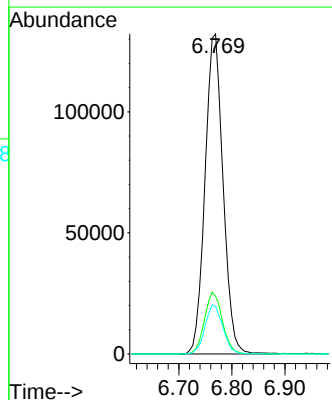
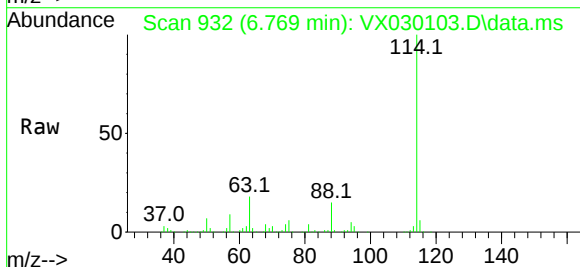
Tgt Ion: 114 Resp: 312185

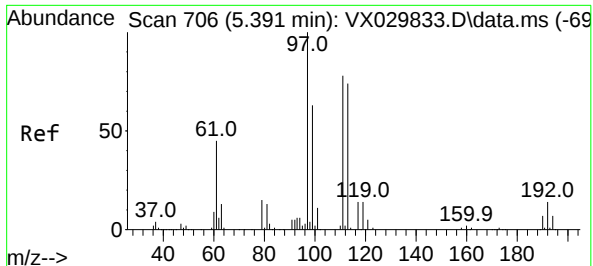
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.681 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030103.D

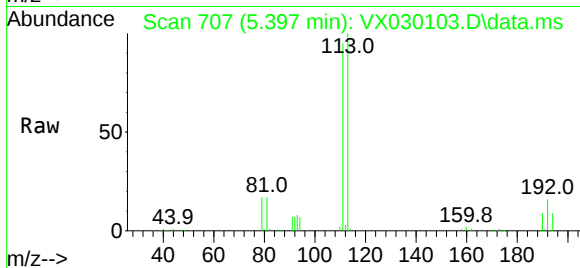
Acq: 18 Jul 2022 12:15

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-03-454-500-071522



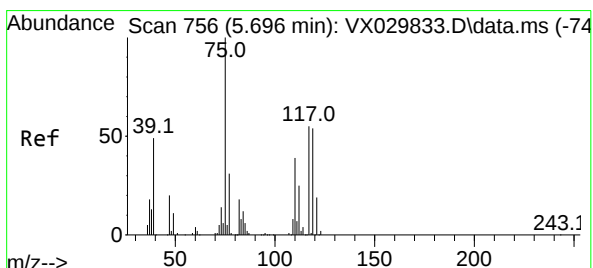
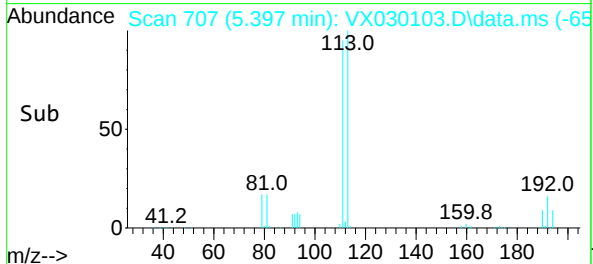
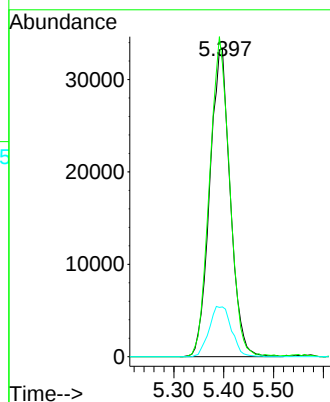
Tgt Ion:113 Resp: 95093

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.353 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030103.D

Acq: 18 Jul 2022 12:15

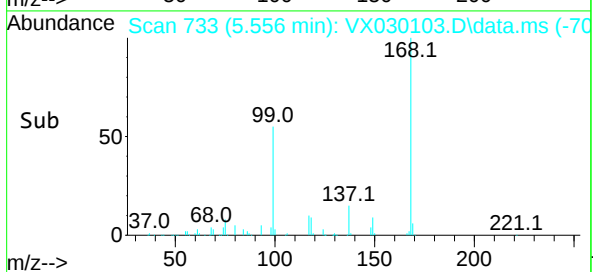
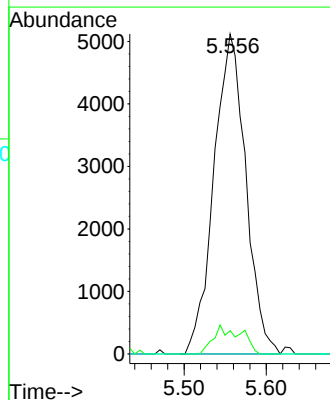
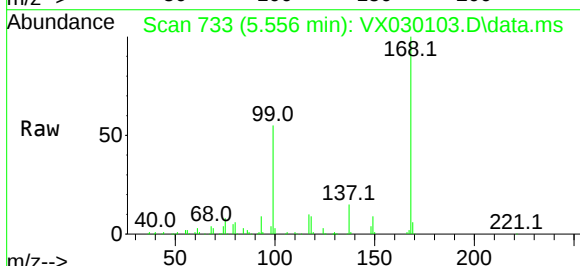
Tgt Ion: 75 Resp: 13790

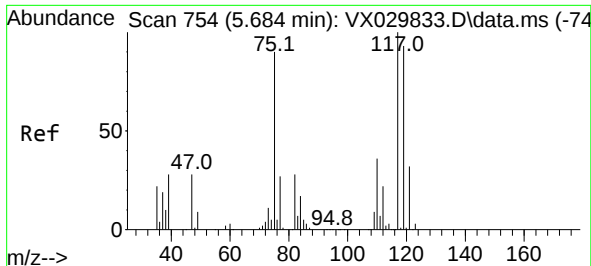
Ion Ratio Lower Upper

75 100

110 7.7 19.3 57.9#

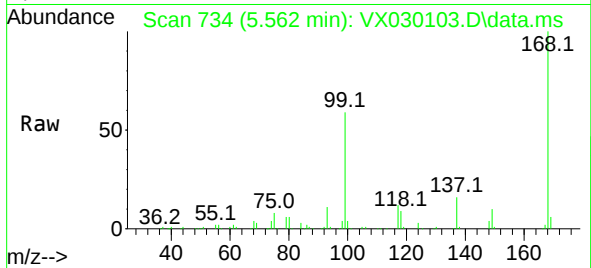
77 0.0 24.4 36.6#



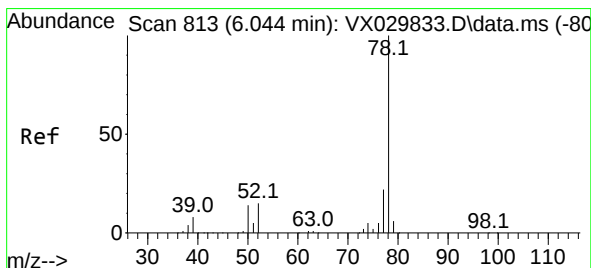
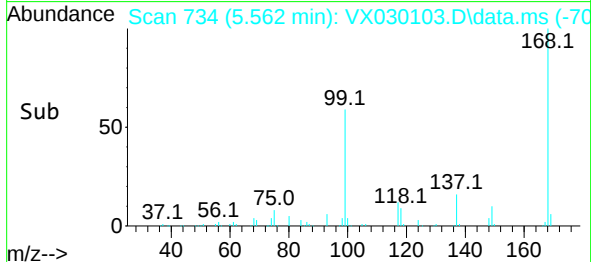
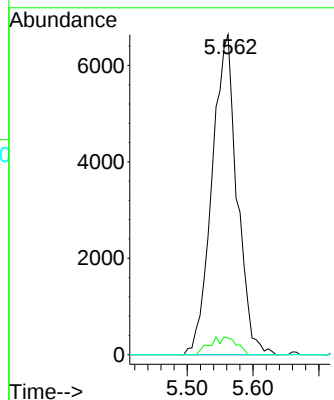


#38
Carbon Tetrachloride
Concen: 7.346 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-454-500-071522

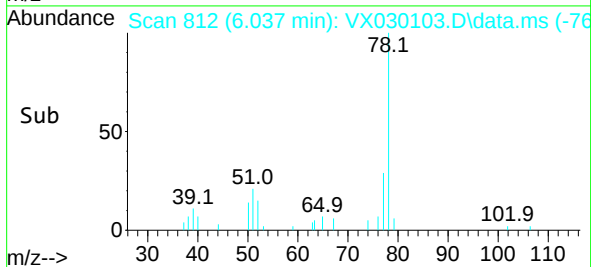
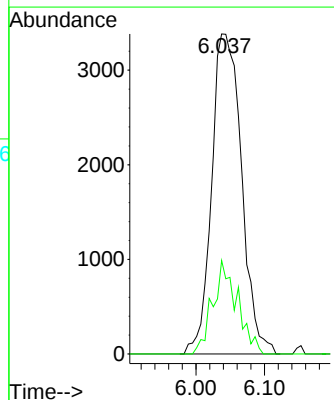
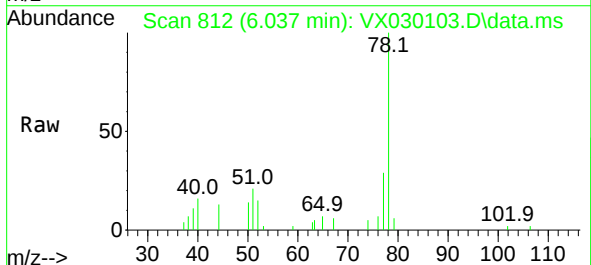


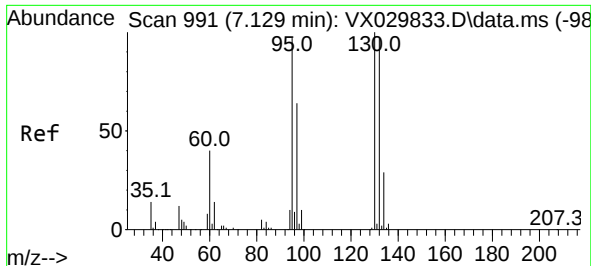
Tgt Ion:117 Resp: 17646
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#



#40
Benzene
Concen: 1.262 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 78 Resp: 10231
Ion Ratio Lower Upper
78 100
77 29.2 18.0 27.0#

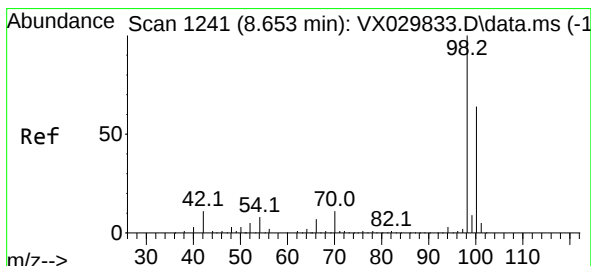
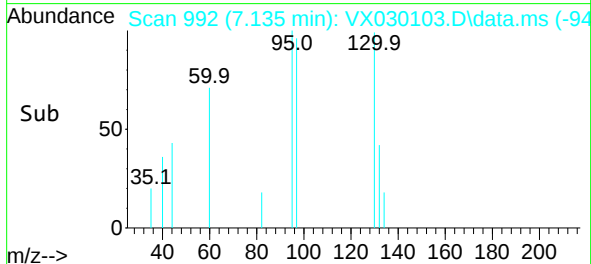
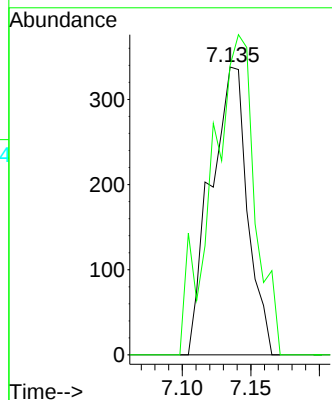
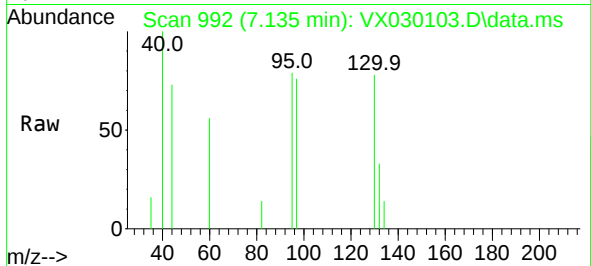




#44
Trichloroethene
Concen: 0.267 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

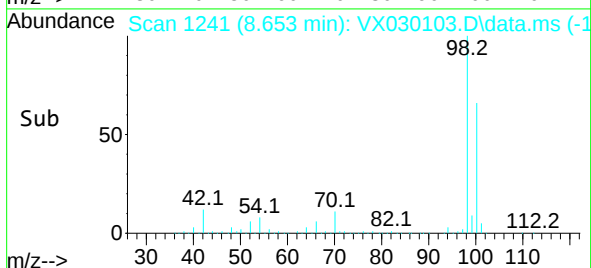
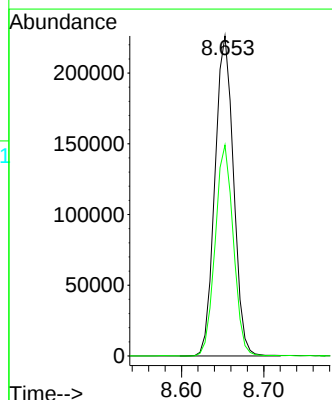
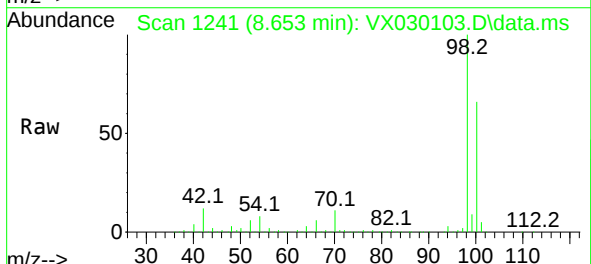
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-454-500-071522

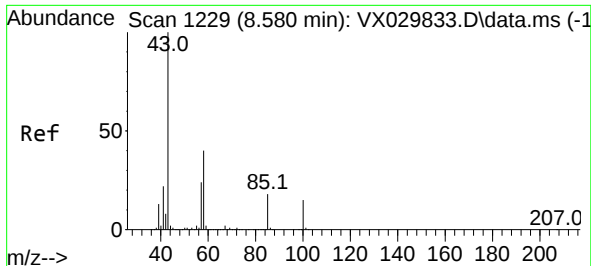
Tgt Ion:130 Resp: 632
Ion Ratio Lower Upper
130 100
95 100.6 0.0 194.8



#50
Toluene-d8
Concen: 47.460 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 98 Resp: 355984
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

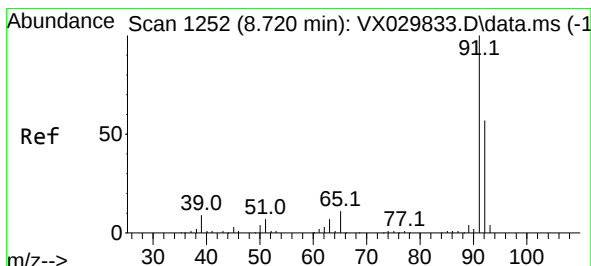
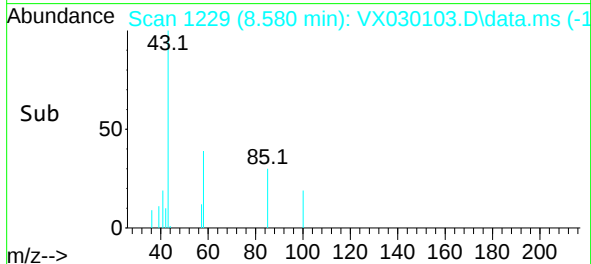
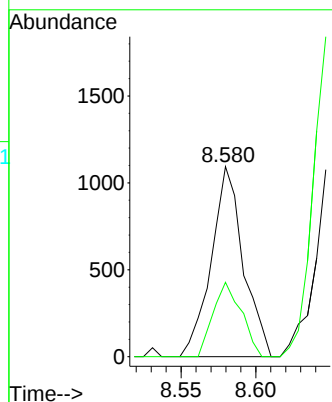
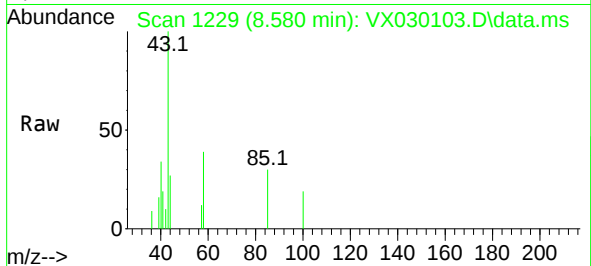




#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

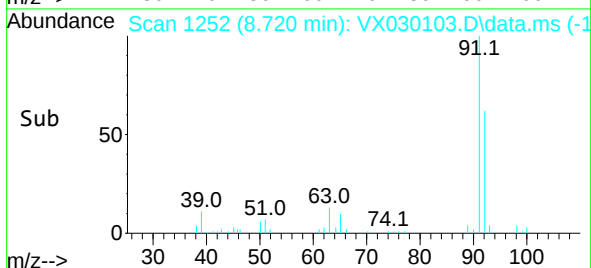
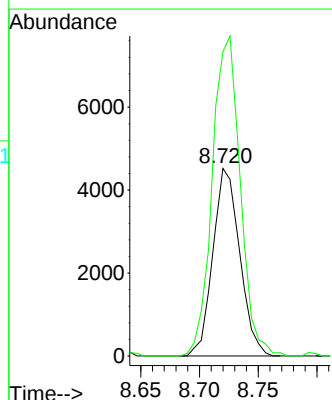
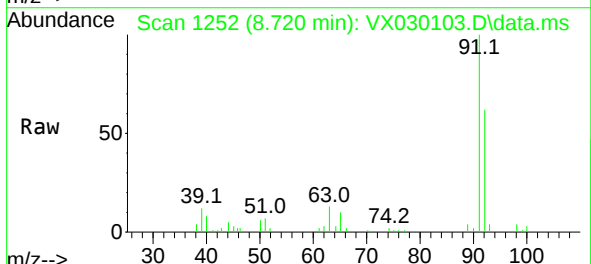
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-454-500-071522

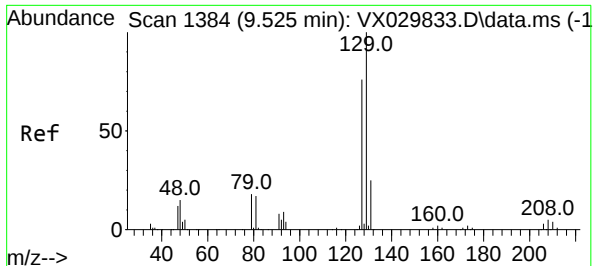
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
58 34.5 31.4 47.2



#52
Toluene
Concen: 1.395 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 92 Resp: 7181
Ion Ratio Lower Upper
92 100
91 177.9 139.2 208.8

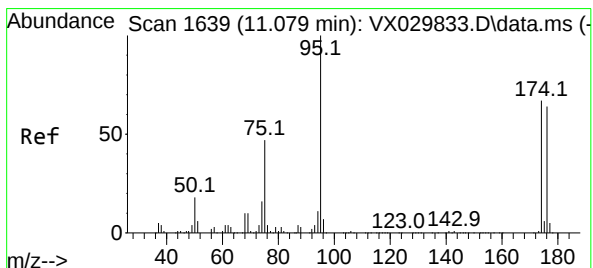
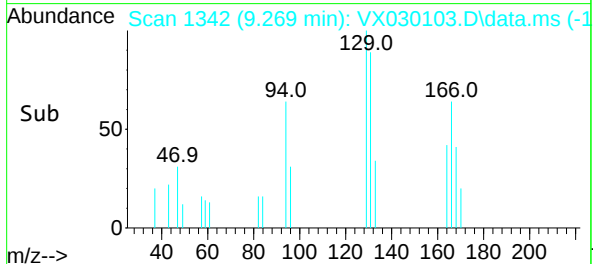
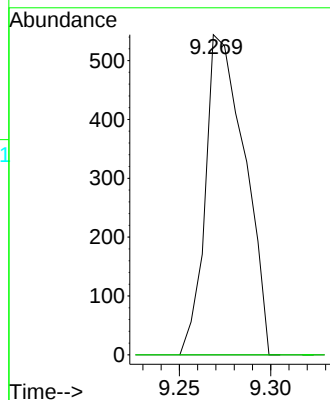
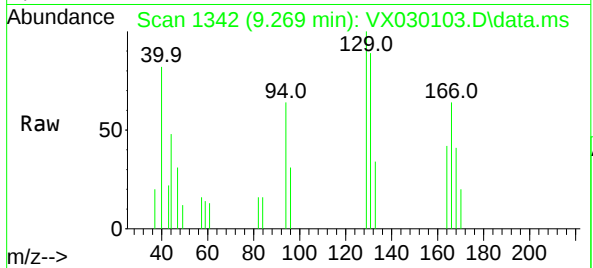




#60
Dibromochloromethane
Concen: 0.394 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

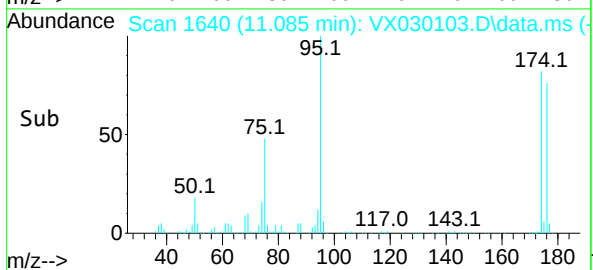
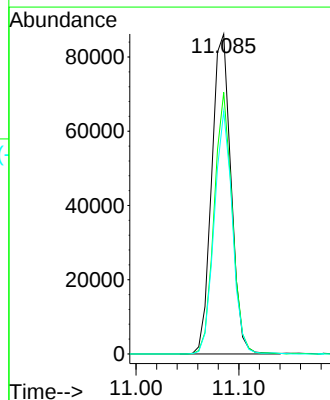
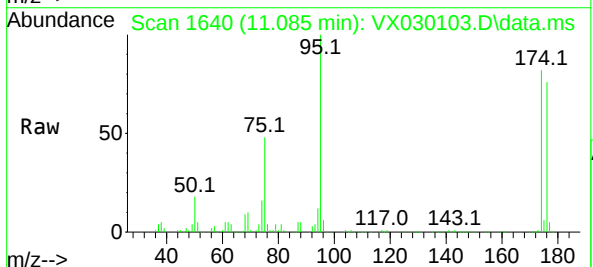
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-454-500-071522

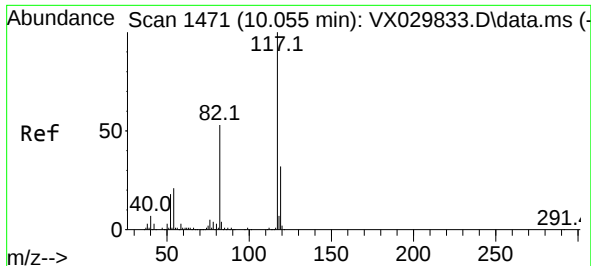
Tgt Ion:129 Resp: 815
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.157 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion: 95 Resp: 112336
Ion Ratio Lower Upper
95 100
174 76.2 0.0 149.0
176 71.2 0.0 146.0

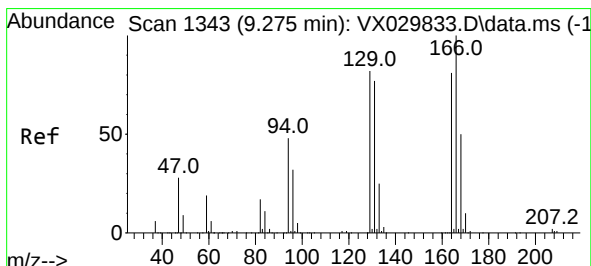
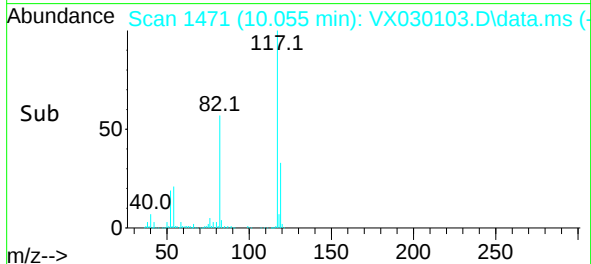
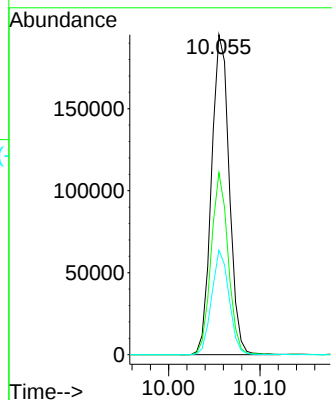
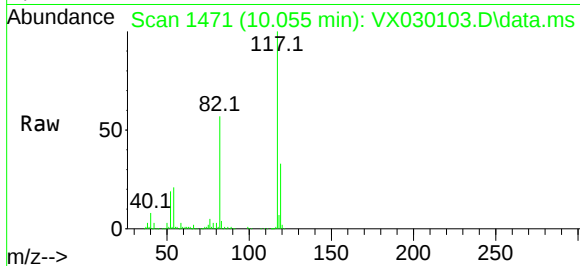




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

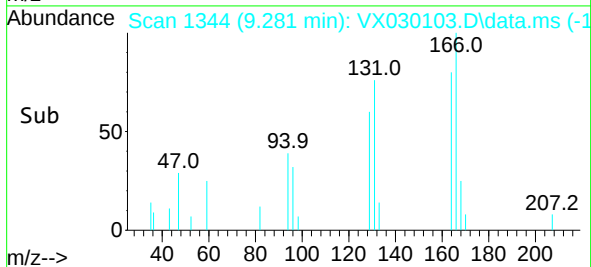
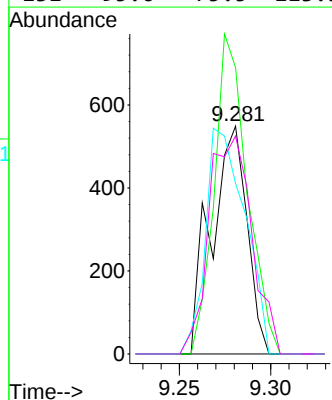
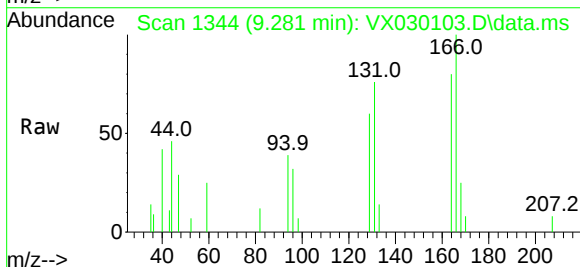
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-454-500-071522

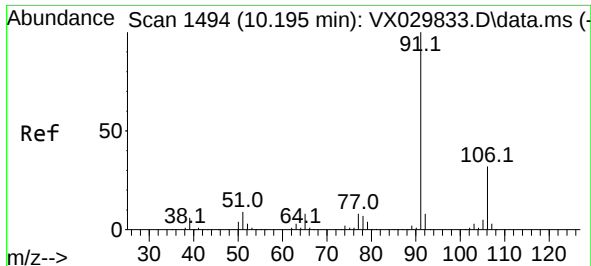
Tgt Ion:	117	Resp:	262577
Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.7	64.1
119	32.6	25.4	38.2



#64
Tetrachloroethene
Concen: 0.354 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030103.D
Acq: 18 Jul 2022 12:15

Tgt Ion:	164	Resp:	746
Ion	Ratio	Lower	Upper
164	100		
166	125.7	98.2	147.4
129	74.9	80.8	121.2#
131	95.6	75.5	113.3





#67

Ethyl Benzene

Concen: 0.210 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX030103.D

Acq: 18 Jul 2022 12:15

Instrument :

MSVOA_X

ClientSampleId :

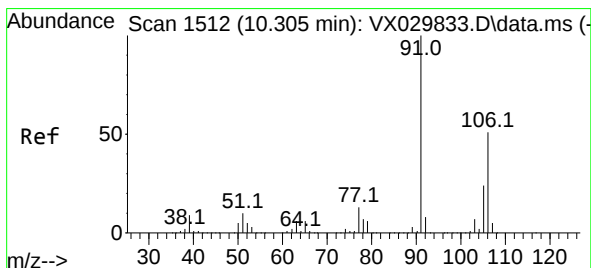
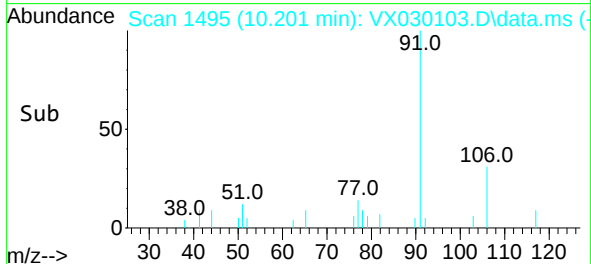
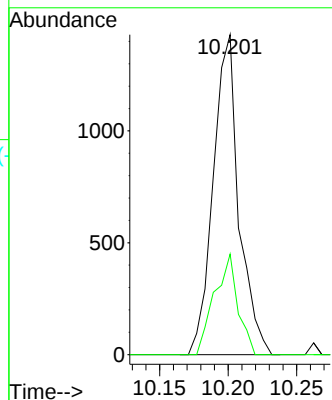
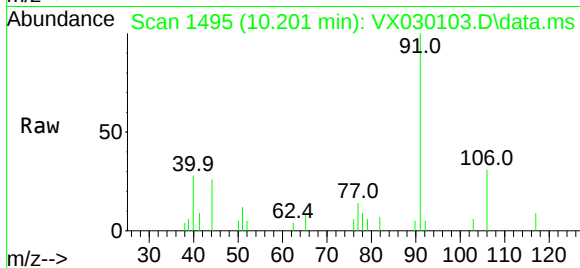
GWOW-BR-03-454-500-071522

Tgt Ion: 91 Resp: 1858

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



#68

m/p-Xylenes

Concen: 0.213 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030103.D

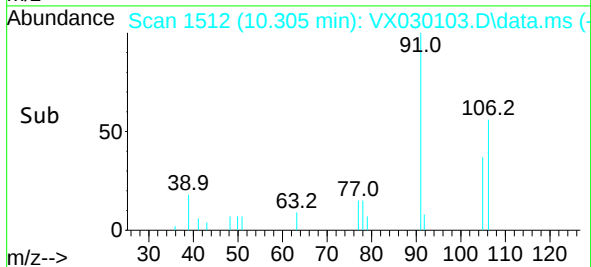
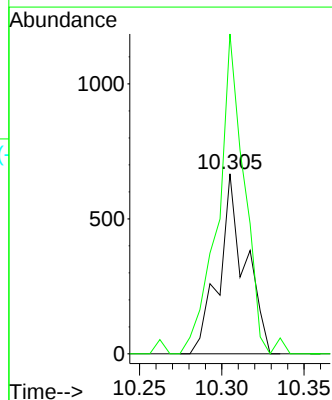
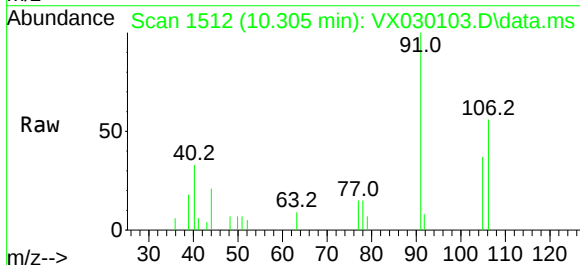
Acq: 18 Jul 2022 12:15

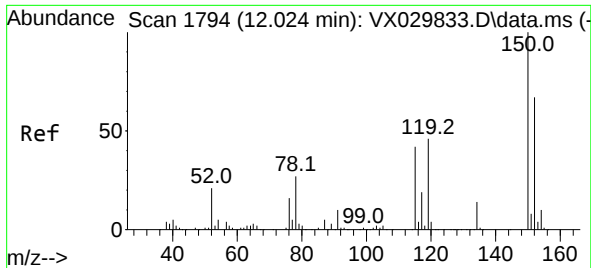
Tgt Ion: 106 Resp: 742

Ion Ratio Lower Upper

106 100

91 179.4 158.2 237.4

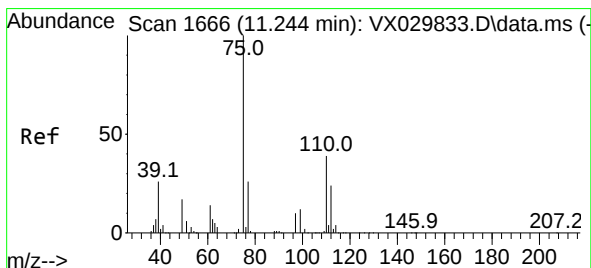
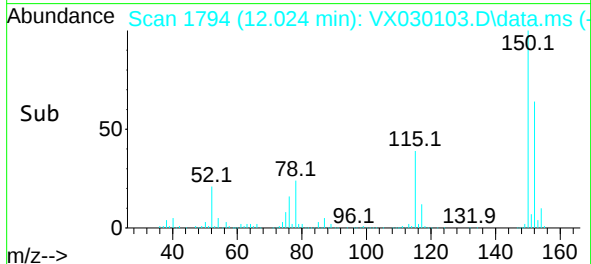
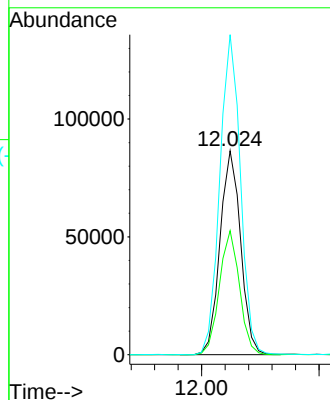
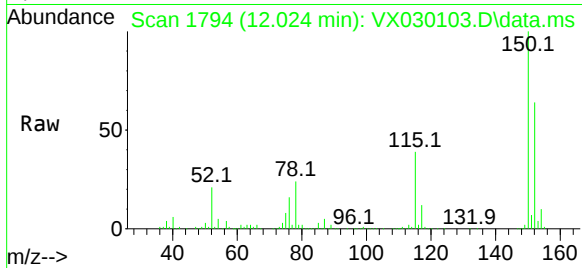




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030103.D
 Acq: 18 Jul 2022 12:15

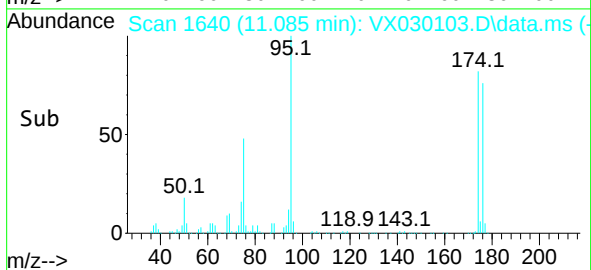
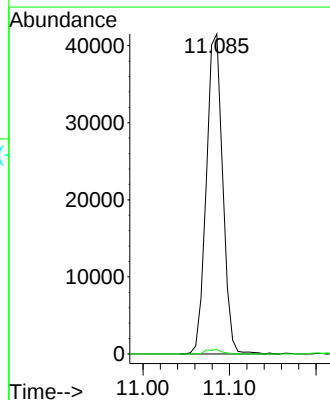
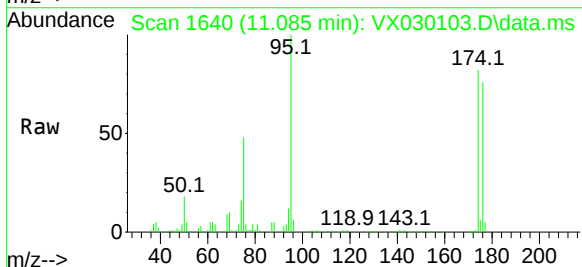
Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-454-500-071522

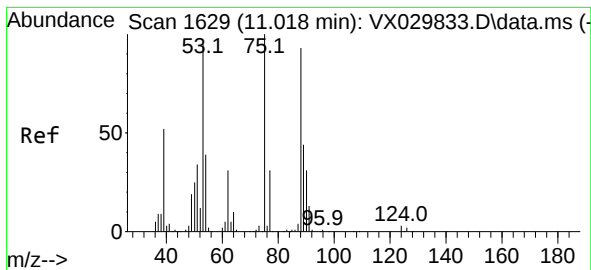
Tgt Ion:152 Resp: 105849
 Ion Ratio Lower Upper
 152 100
 115 59.1 40.5 121.5
 150 156.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.329 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030103.D
 Acq: 18 Jul 2022 12:15

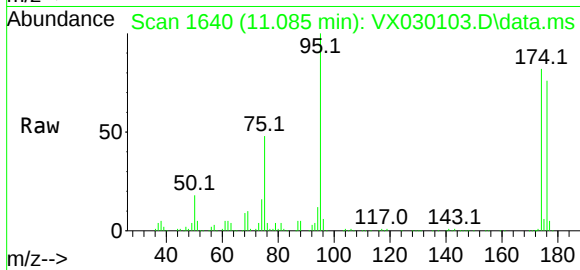
Tgt Ion: 75 Resp: 54342
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.441 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX030103.D
 Acq: 18 Jul 2022 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-454-500-071522



Tgt Ion: 75 Resp: 54342
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

