

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030102.D
 Acq On : 18 Jul 2022 11:51
 Operator : JC/MD
 Sample : N3755-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-394-414-071422

Quant Time: Jul 19 05:40:02 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)

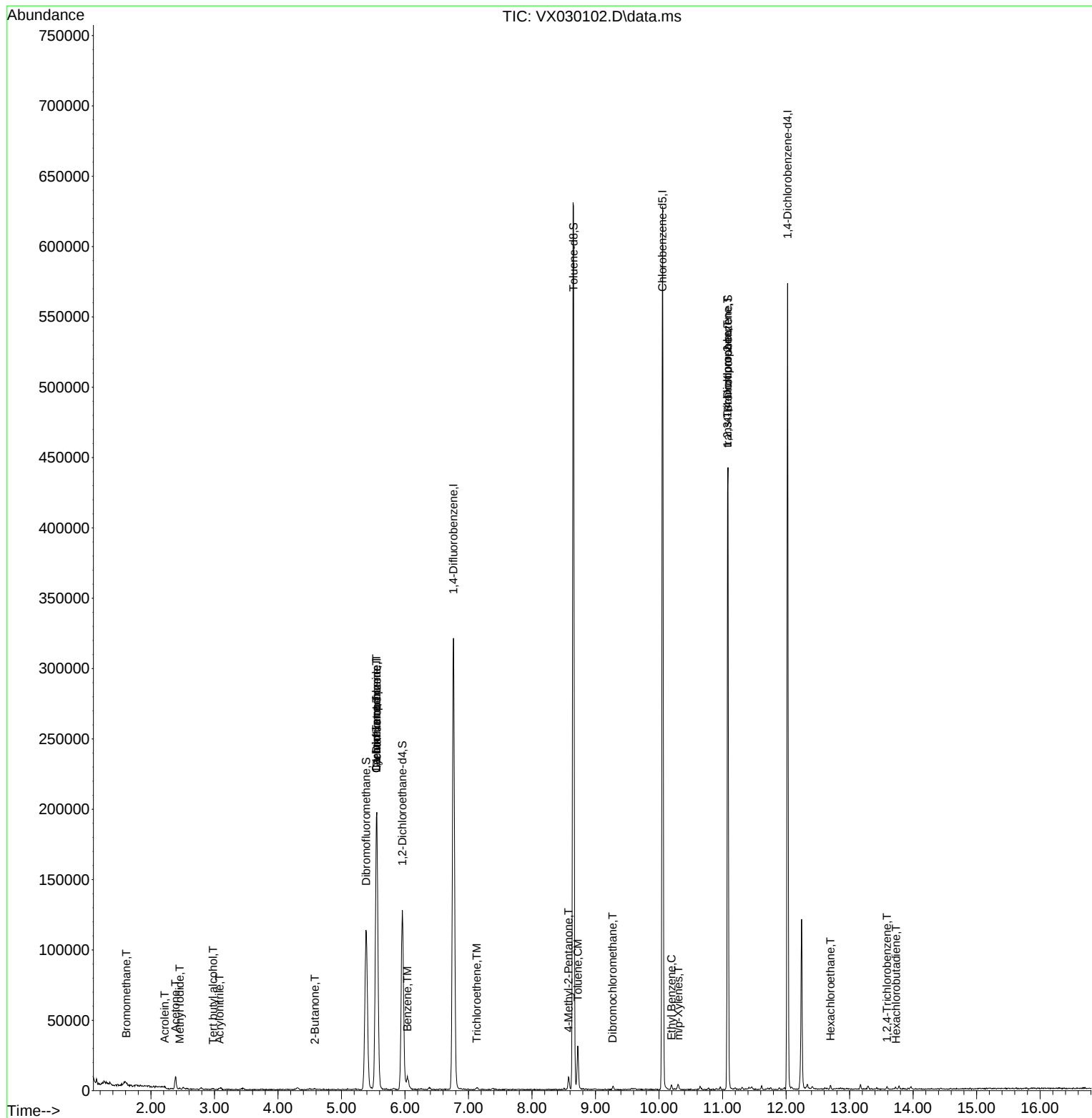
Internal Standards						
1) Pentafluorobenzene	5.556	168	189554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	334878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115246	49.950	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.900%		
35) Dibromofluoromethane	5.385	113	101133	47.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.653	98	385137	47.867	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.740%		
62) 4-Bromofluorobenzene	11.085	95	121621	43.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.386	85	23	Below Cal	#	42
5) Bromomethane	1.611	94	351	0.377	ug/l	90
10) Methyl Iodide	2.453	142	725	2.771	ug/l #	86
11) Tert butyl alcohol	2.977	59	907	1.523	ug/l #	82
13) Acrolein	2.215	56	50	0.422	ug/l #	1
15) Acrylonitrile	3.081	53	479	0.354	ug/l #	66
16) Acetone	2.386	43	9127	8.395	ug/l	97
17) Carbon Disulfide	2.514	76	1579	Below Cal	#	80
20) Methylene Chloride	2.794	84	610	Below Cal		90
25) 2-Butanone	4.580	43	1267	0.684	ug/l #	84
31) Cyclohexane	5.550	56	4252	1.271	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14441	5.226	ug/l #	48
38) Carbon Tetrachloride	5.550	117	18517	7.186	ug/l #	19
40) Benzene	6.037	78	9353	1.075	ug/l	94
44) Trichloroethene	7.129	130	534	0.210	ug/l	86
51) 4-Methyl-2-Pentanone	8.573	43	5797	1.641	ug/l	95
52) Toluene	8.720	92	11366	2.058	ug/l	98
60) Dibromochloromethane	9.268	129	506	0.228	ug/l #	11
67) Ethyl Benzene	10.195	91	1998	0.206	ug/l	94
68) m/p-Xylenes	10.305	106	840	0.221	ug/l	79
76) 1,2,3-Trichloropropane	11.079	75	58662	22.592	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58662	65.201	ug/l #	13
90) Hexachloroethane	12.701	117	1250	1.085	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.591	180	706	0.311	ug/l	75
94) Hexachlorobutadiene	13.731	225	271	0.299	ug/l	87

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

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GWOW-BR-03-394-414-071422

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Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

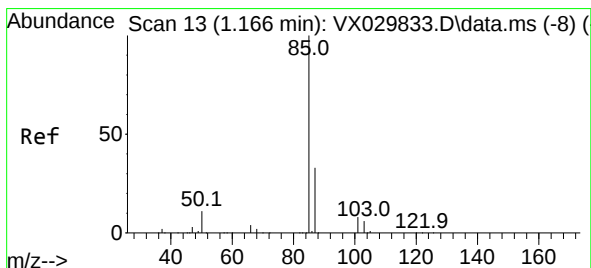
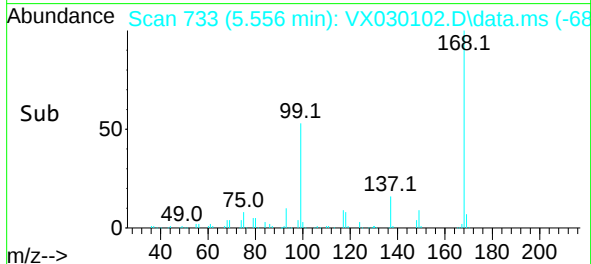
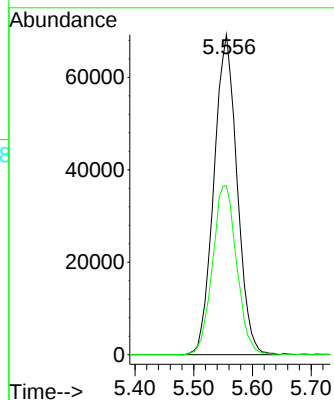
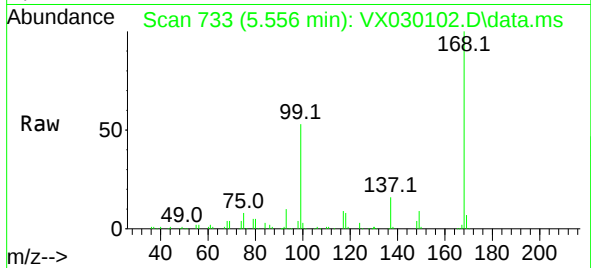




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

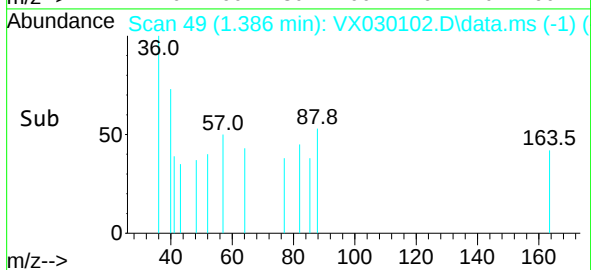
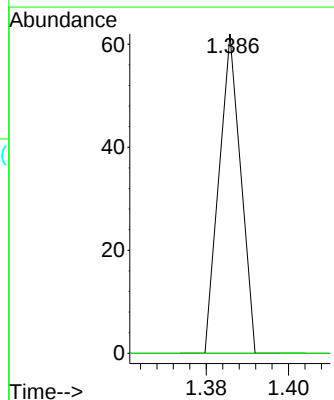
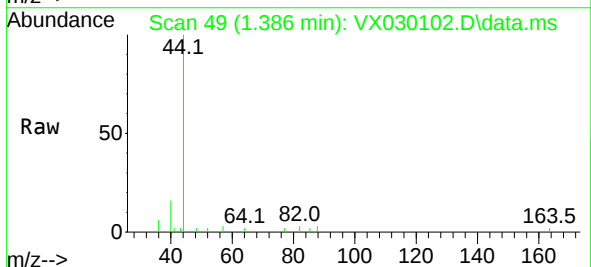
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

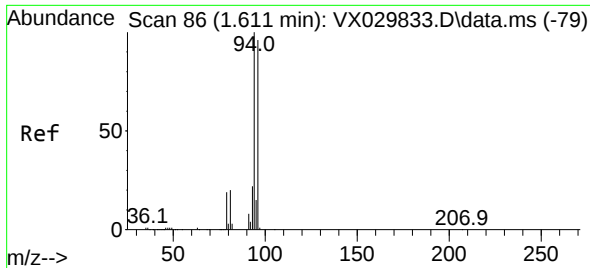
Tgt Ion:168 Resp: 189554
Ion Ratio Lower Upper
168 100
99 52.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.386 min Scan# 49
Delta R.T. 0.220 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

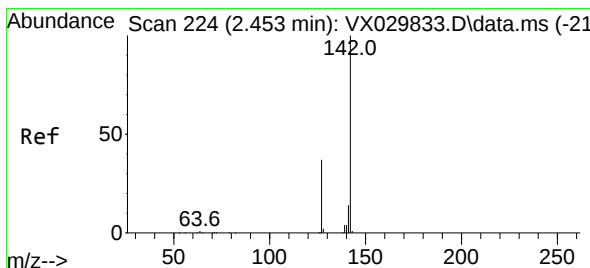
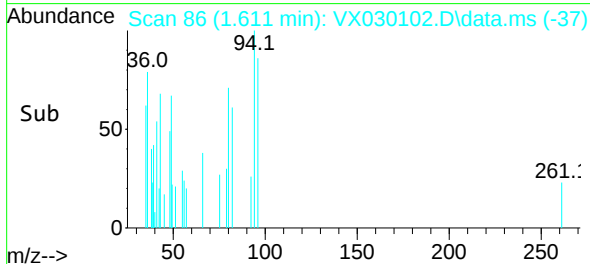
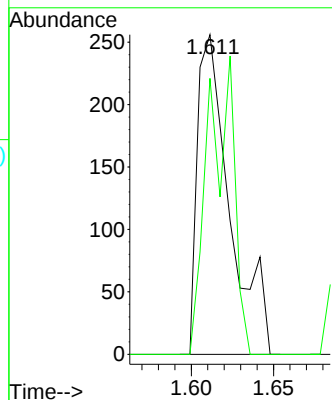
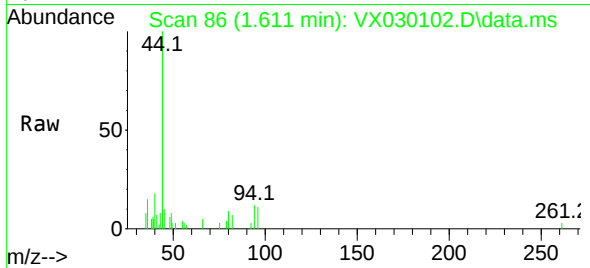




#5
 Bromomethane
 Concen: 0.377 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030102.D
 Acq: 18 Jul 2022 11:51

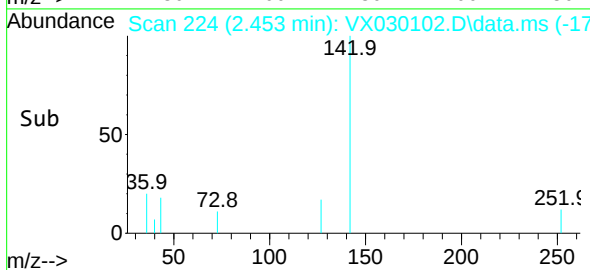
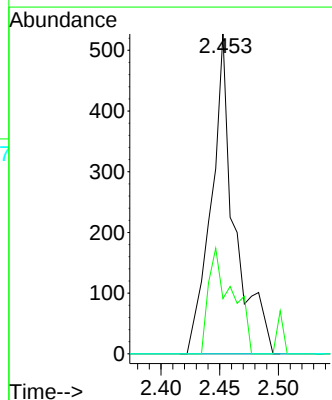
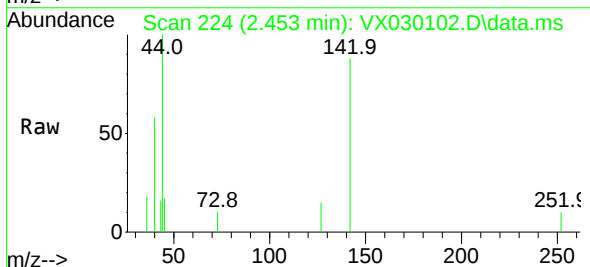
Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-394-414-071422

Tgt Ion: 94 Resp: 351
 Ion Ratio Lower Upper
 94 100
 96 86.3 76.9 115.3



#10
 Methyl Iodide
 Concen: 2.771 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. -0.000 min
 Lab File: VX030102.D
 Acq: 18 Jul 2022 11:51

Tgt Ion: 142 Resp: 725
 Ion Ratio Lower Upper
 142 100
 127 33.8 30.2 45.2
 141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 1.523 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX030102.D

Acq: 18 Jul 2022 11:51

Instrument :

MSVOA_X

ClientSampleId :

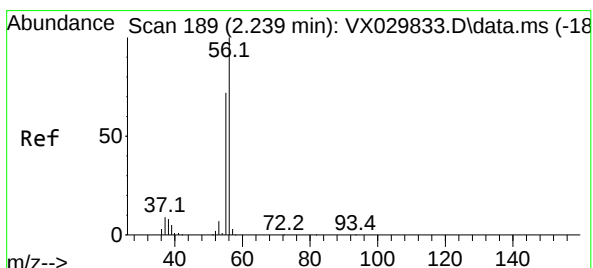
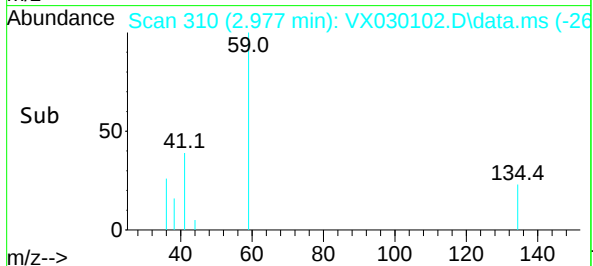
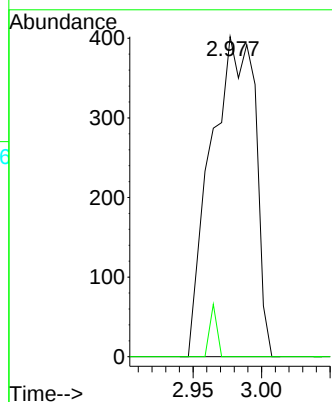
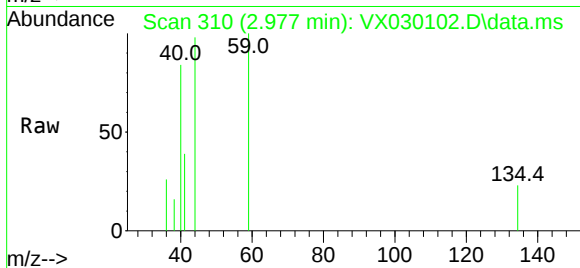
GWOW-BR-03-394-414-071422

Tgt Ion: 59 Resp: 907

Ion Ratio Lower Upper

59 100

57 2.6 7.4 11.2#



#13

Acrolein

Concen: 0.422 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX030102.D

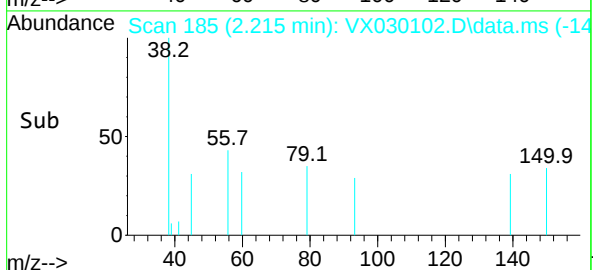
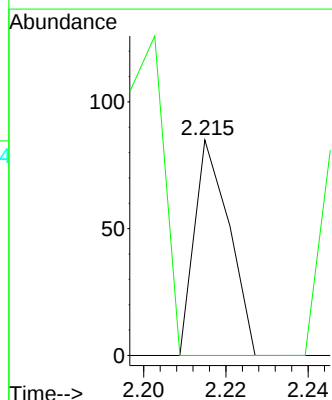
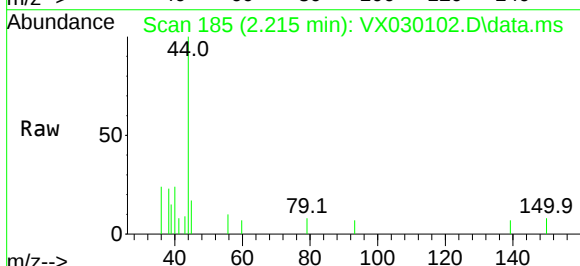
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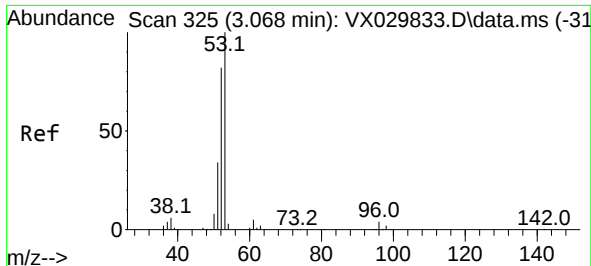
Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 274.0 56.6 84.8#

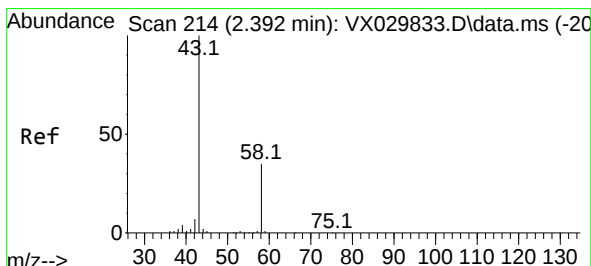
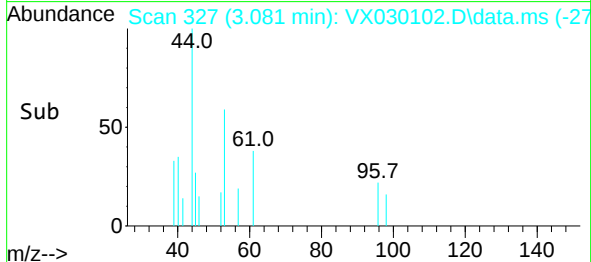
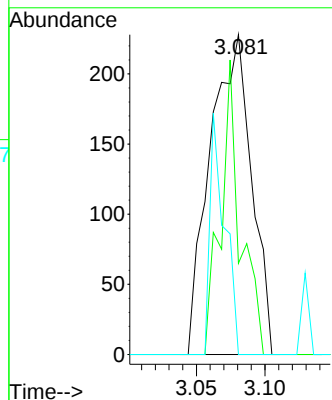
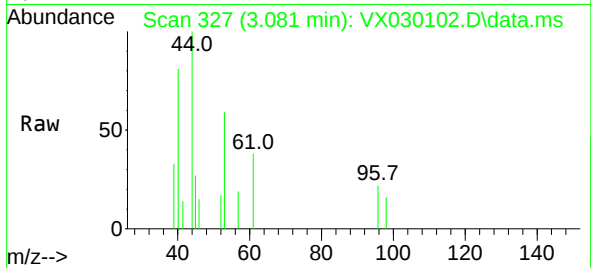




#15
Acrylonitrile
Concen: 0.354 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

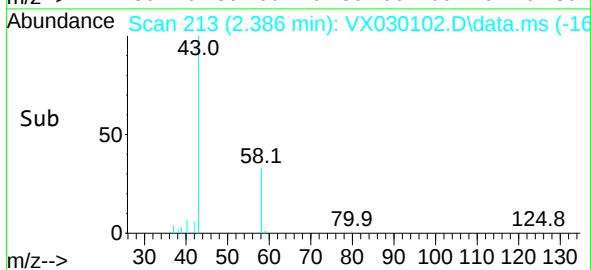
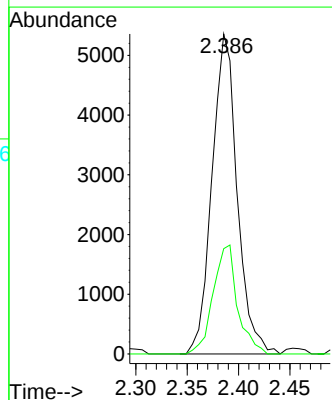
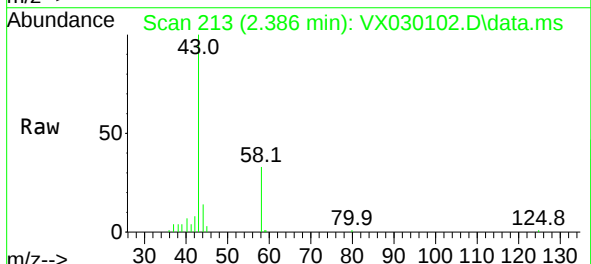
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

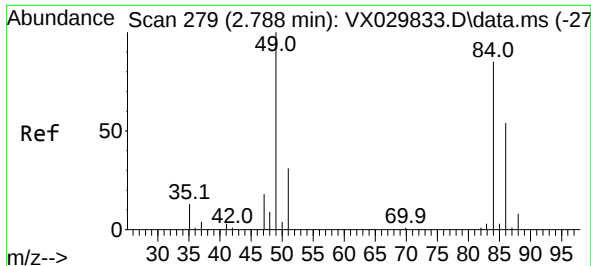
Tgt Ion: 53 Resp: 479
Ion Ratio Lower Upper
53 100
52 43.6 65.4 98.0#
51 26.7 27.7 41.5#



#16
Acetone
Concen: 8.395 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 43 Resp: 9127
Ion Ratio Lower Upper
43 100
58 32.9 27.7 41.5





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030102.D

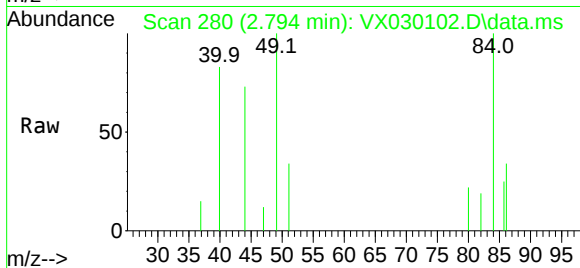
Acq: 18 Jul 2022 11:51

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-03-394-414-071422



Tgt Ion: 84 Resp: 610

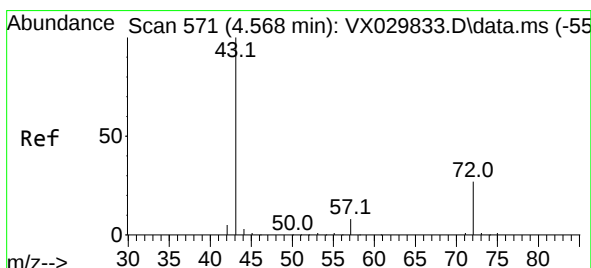
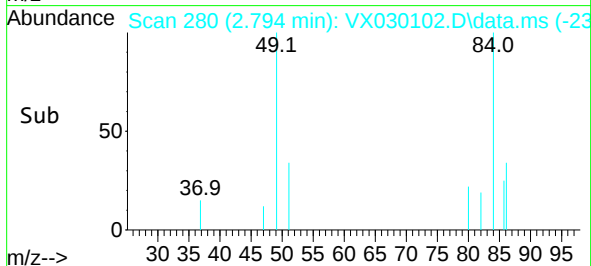
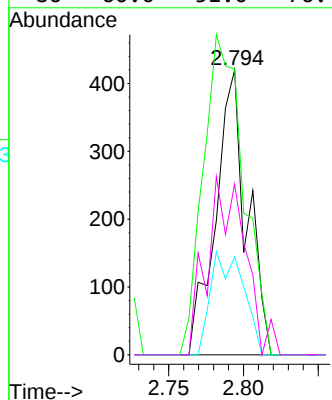
Ion Ratio Lower Upper

84 100

49 100.2 93.8 140.6

51 34.5 29.4 44.0

86 60.0 51.0 76.4



#25

2-Butanone

Concen: 0.684 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX030102.D

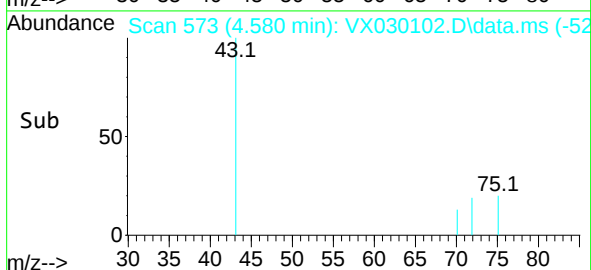
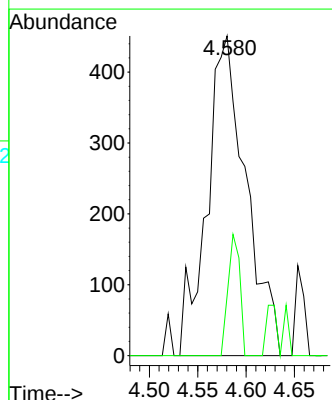
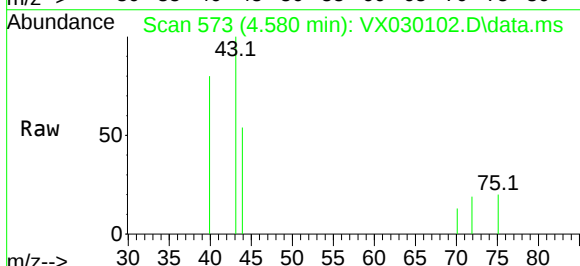
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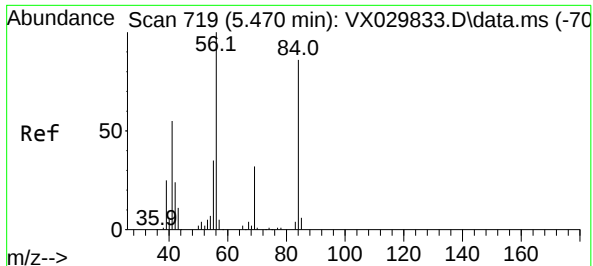
Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

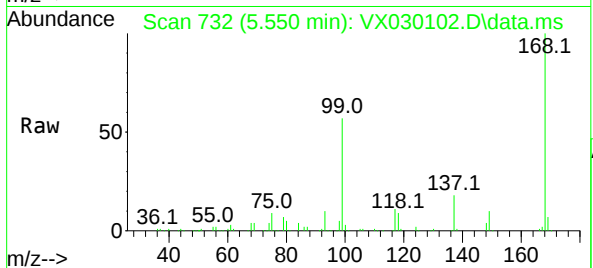
72 18.6 21.7 32.5#



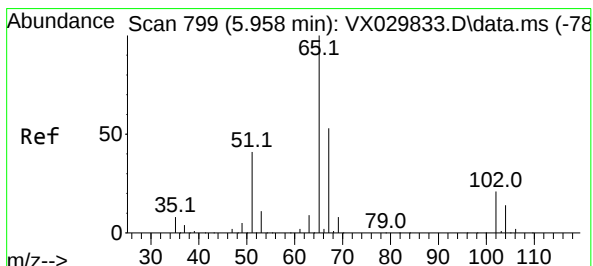
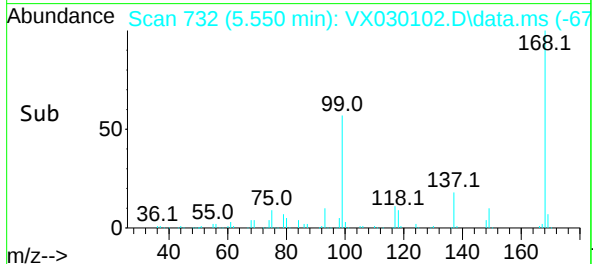
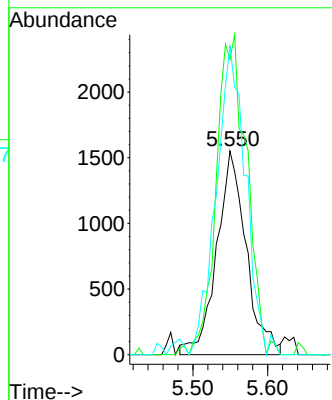


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

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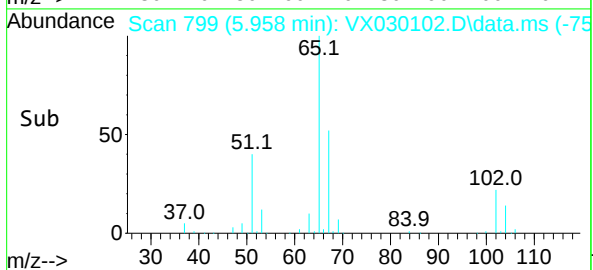
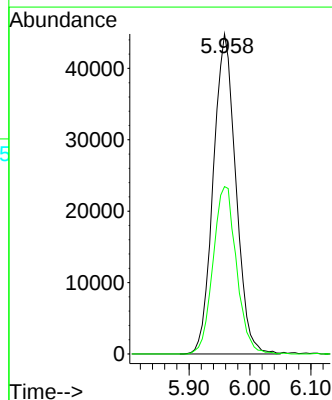
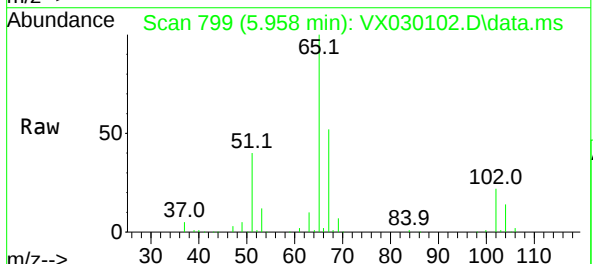


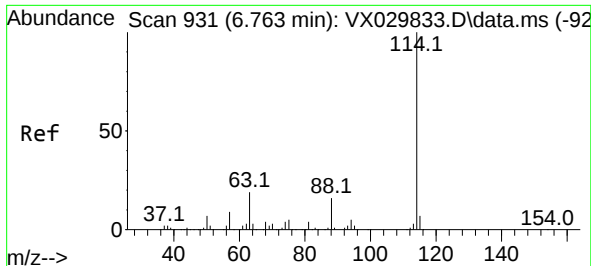
Tgt Ion: 56 Resp: 4252
Ion Ratio Lower Upper
56 100
69 152.3 25.4 38.0#
84 159.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.950 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 65 Resp: 115246
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

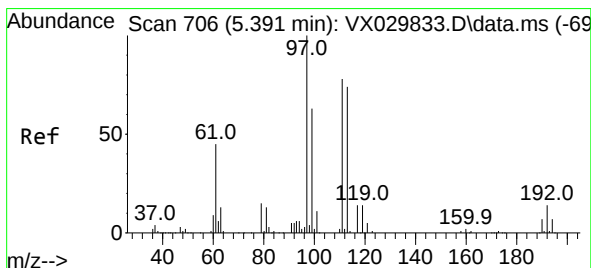
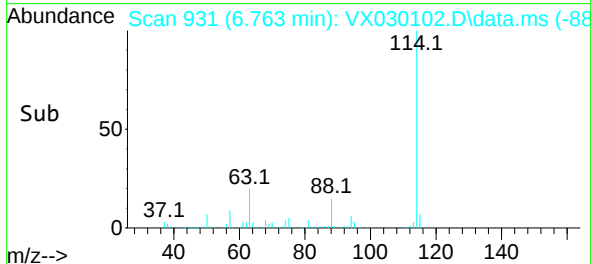
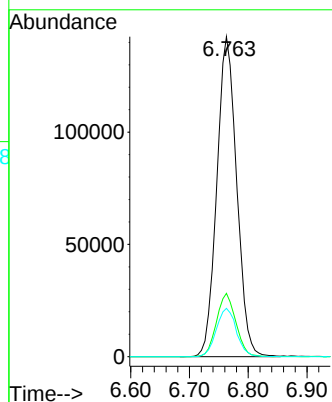
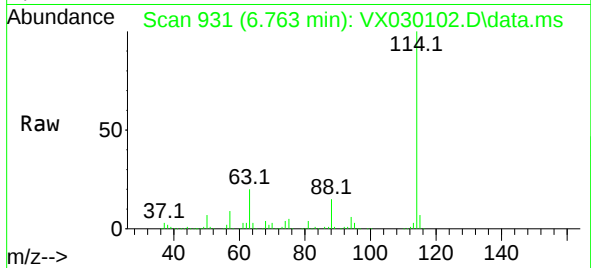




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

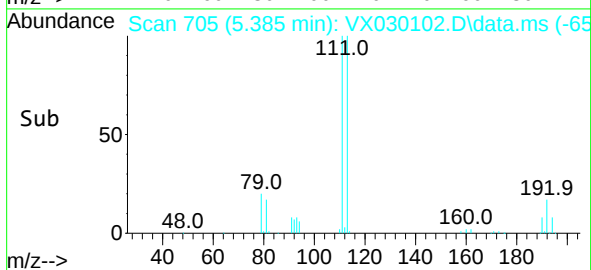
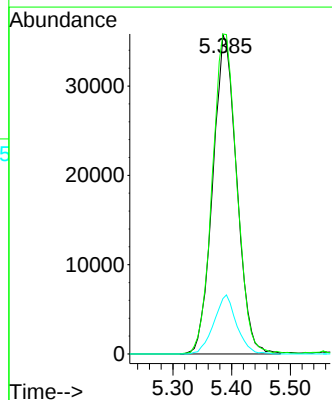
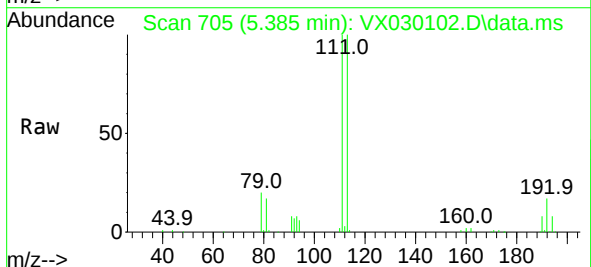
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

Tgt Ion:114 Resp: 334878
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.273 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion:113 Resp: 101133
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.5 14.8 22.2

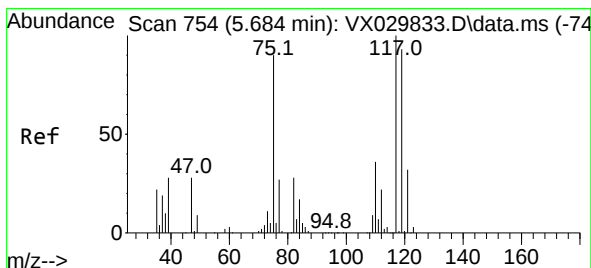
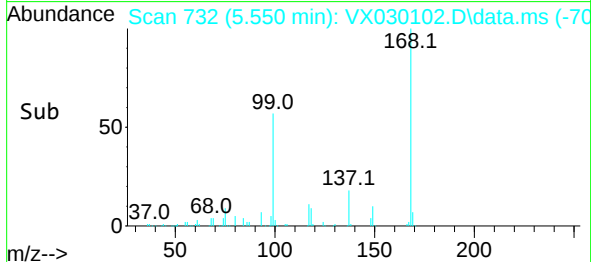
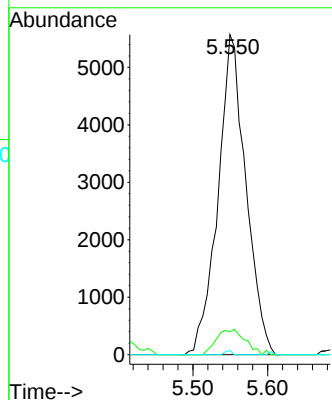
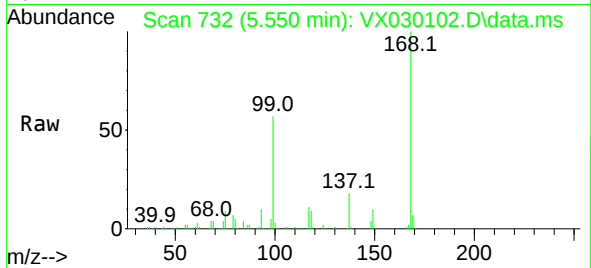




#36
1,1-Dichloropropene
Concen: 5.226 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

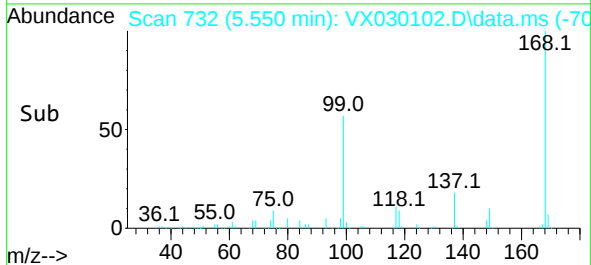
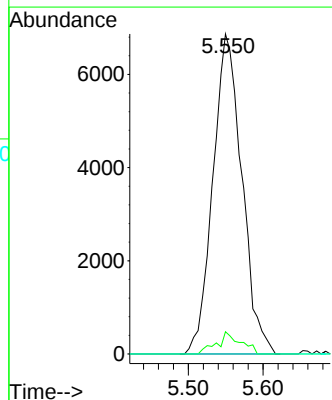
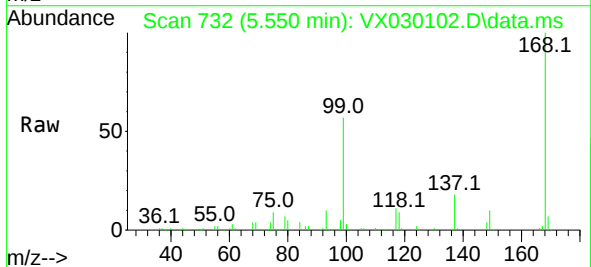
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

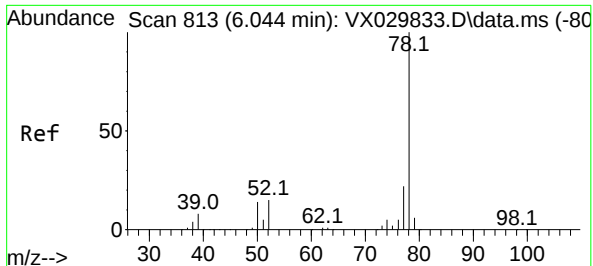
Tgt Ion: 75 Resp: 14441
Ion Ratio Lower Upper
75 100
110 8.3 19.3 57.9#
77 0.3 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.186 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 117 Resp: 18517
Ion Ratio Lower Upper
117 100
119 7.0 74.1 111.1#
121 0.0 25.8 38.8#

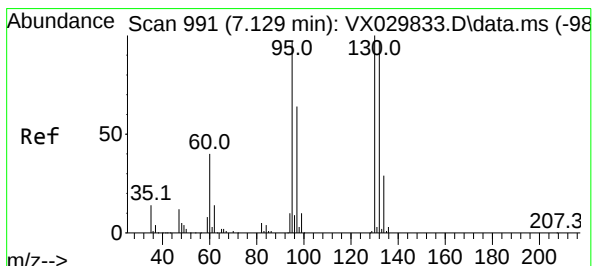
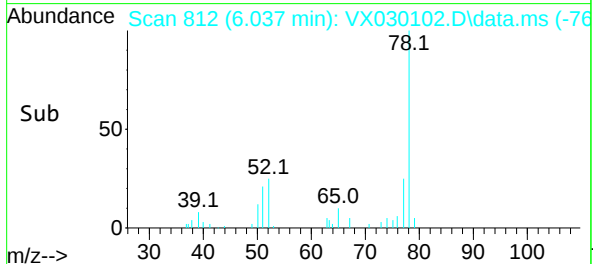
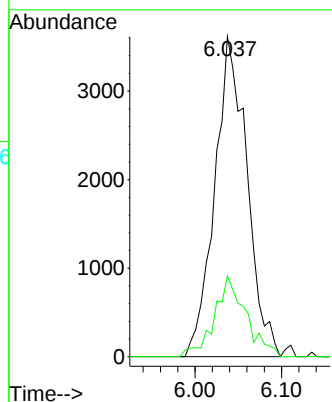
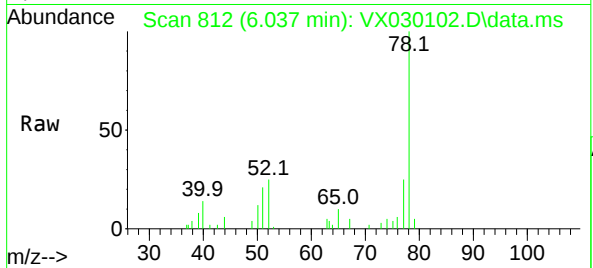




#40
Benzene
Concen: 1.075 ug/l
RT: 6.037 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

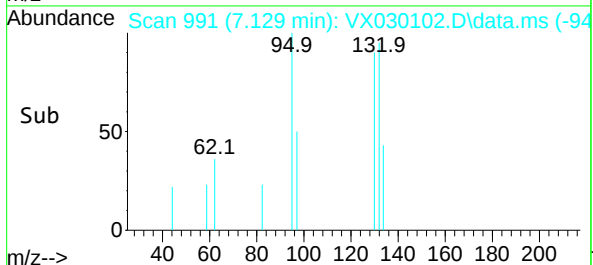
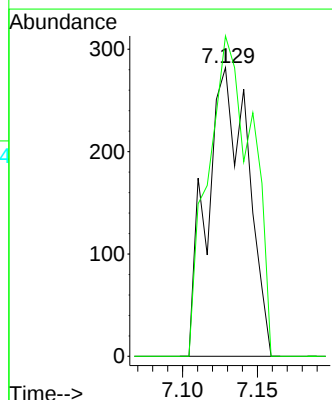
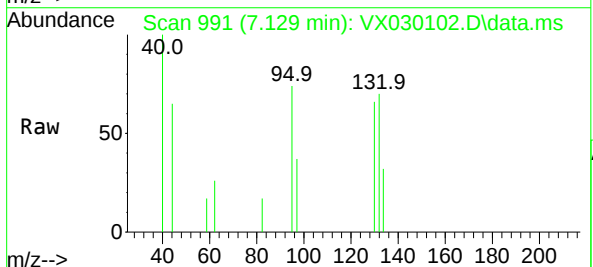
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-394-414-071422

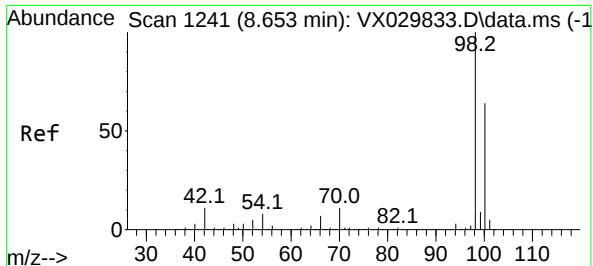
Tgt Ion: 78 Resp: 9353
Ion Ratio Lower Upper
78 100
77 25.2 18.0 27.0



#44
Trichloroethene
Concen: 0.210 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion:130 Resp: 534
Ion Ratio Lower Upper
130 100
95 111.0 0.0 194.8

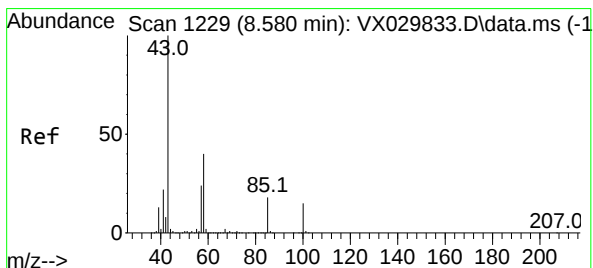
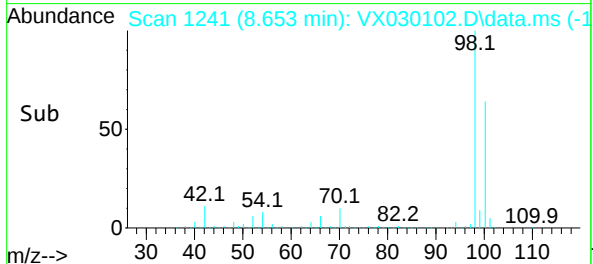
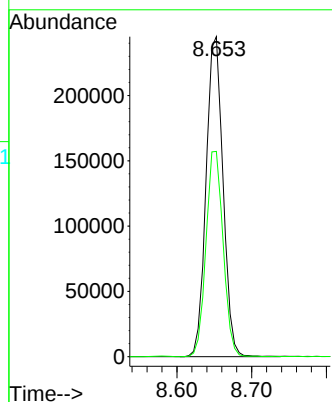
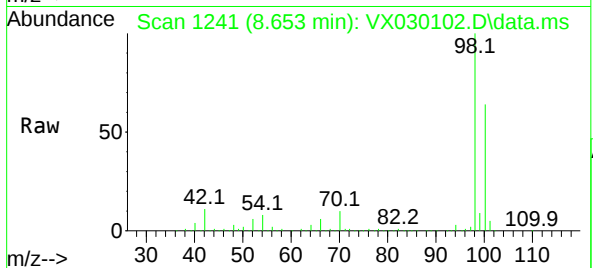




#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

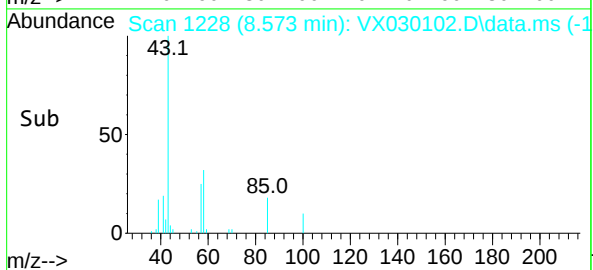
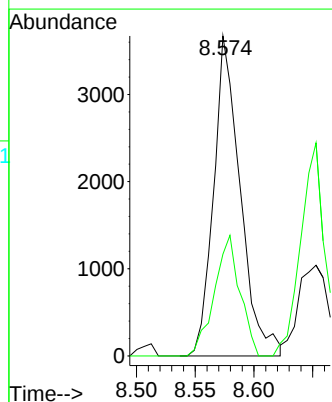
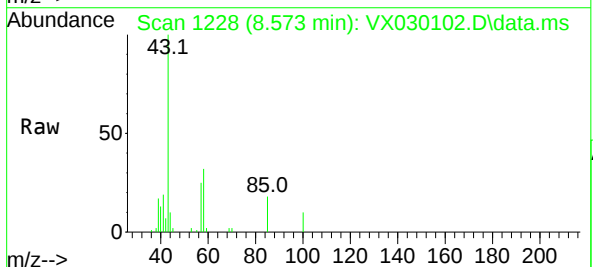
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-394-414-071422

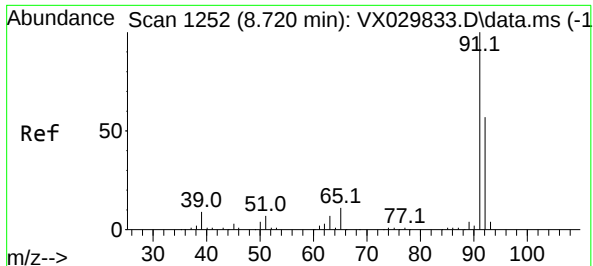
Tgt Ion: 98 Resp: 385137
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.641 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 43 Resp: 5797
Ion Ratio Lower Upper
43 100
58 36.2 31.4 47.2

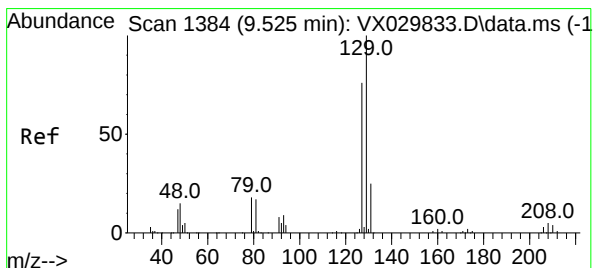
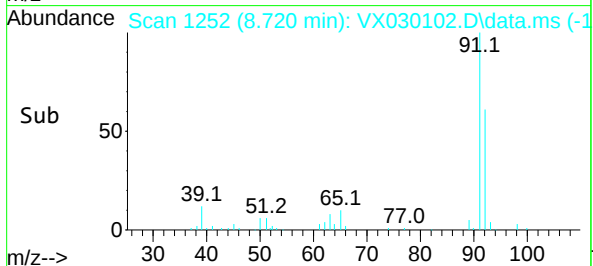
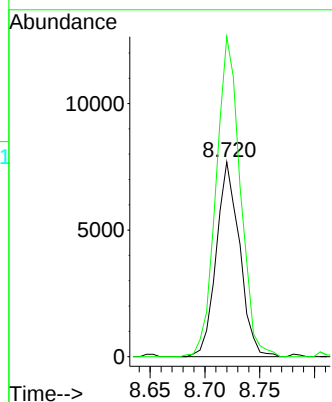
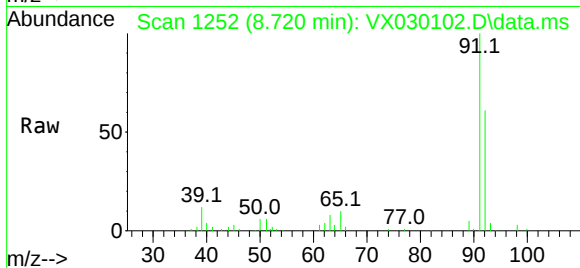




#52
Toluene
Concen: 2.058 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

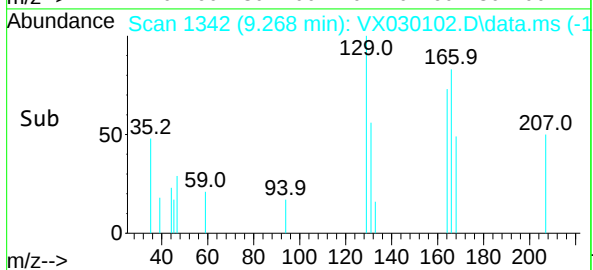
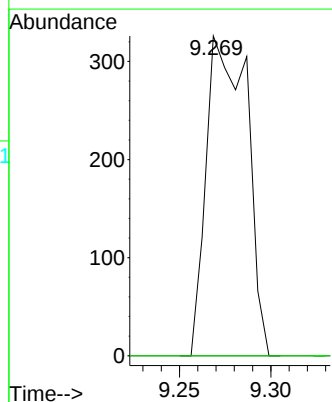
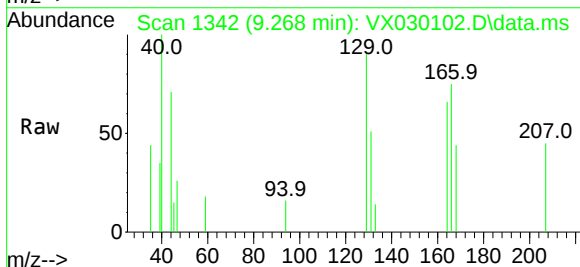
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-394-414-071422

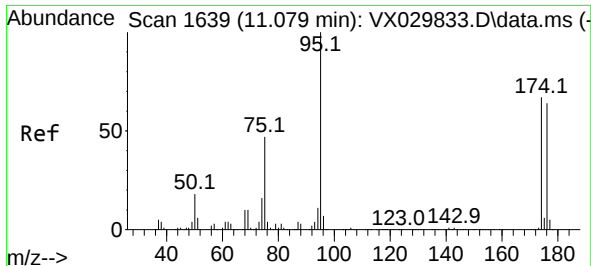
Tgt Ion: 92 Resp: 11366
Ion Ratio Lower Upper
92 100
91 170.8 139.2 208.8



#60
Dibromochloromethane
Concen: 0.228 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.257 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 129 Resp: 506
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

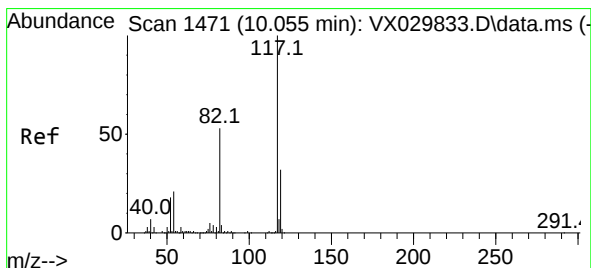
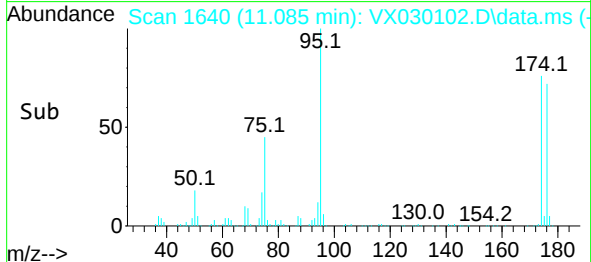
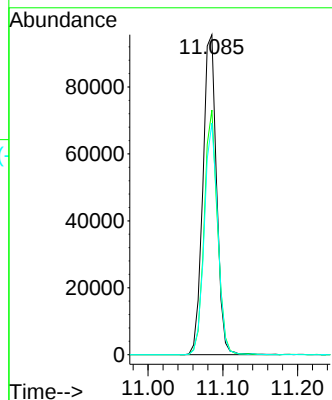
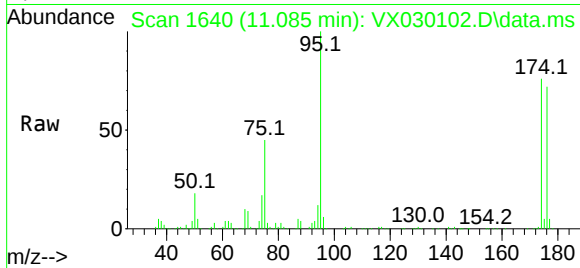




#62
4-Bromofluorobenzene
Concen: 43.558 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

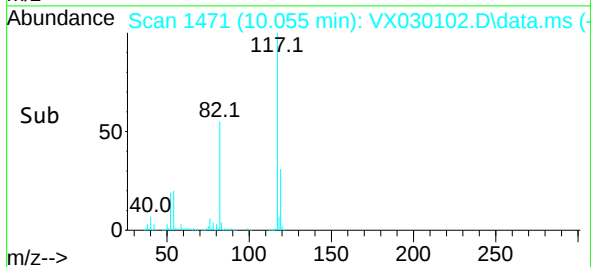
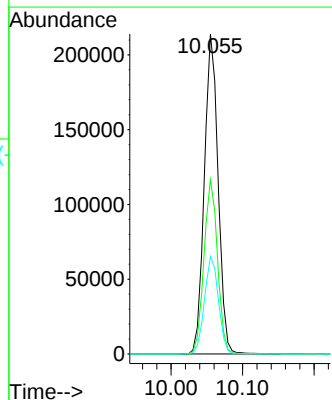
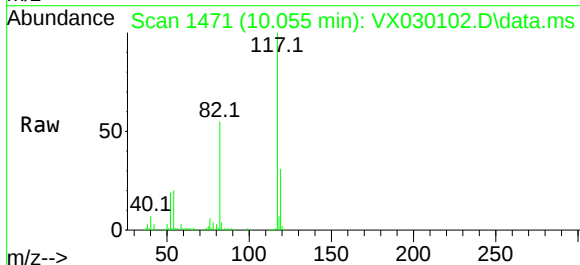
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

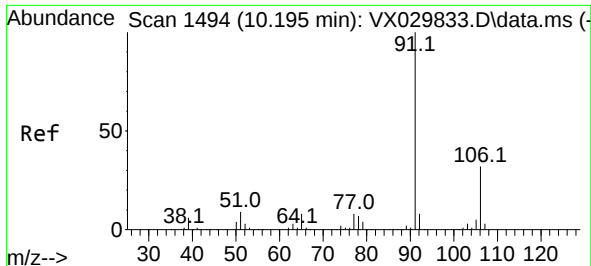
Tgt Ion: 95 Resp: 121621
Ion Ratio Lower Upper
95 100
174 74.1 0.0 149.0
176 71.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 117 Resp: 286696
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 30.5 25.4 38.2

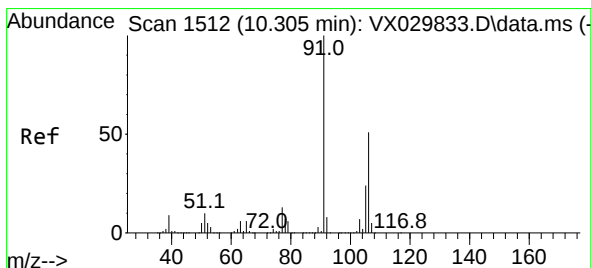
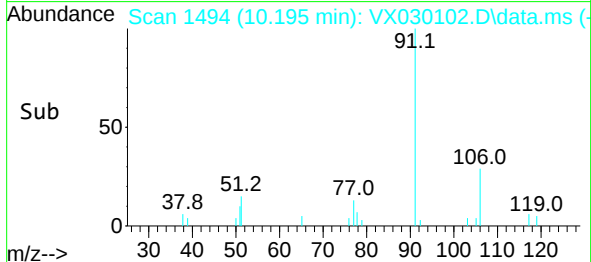
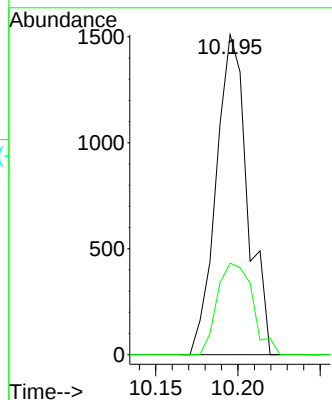
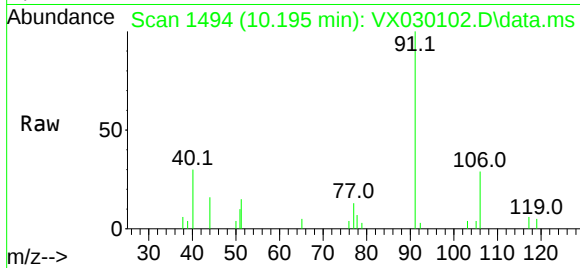




#67
Ethyl Benzene
Concen: 0.206 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

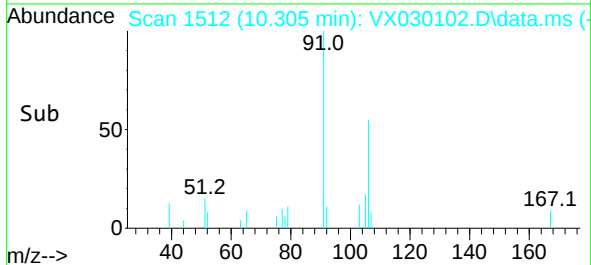
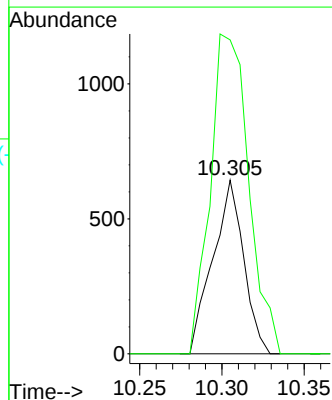
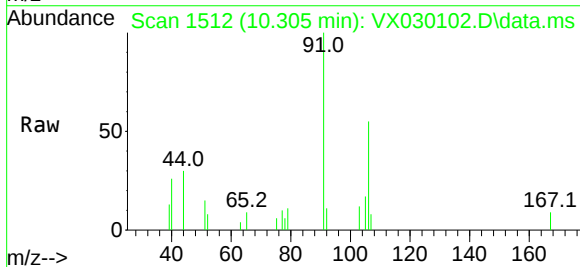
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-394-414-071422

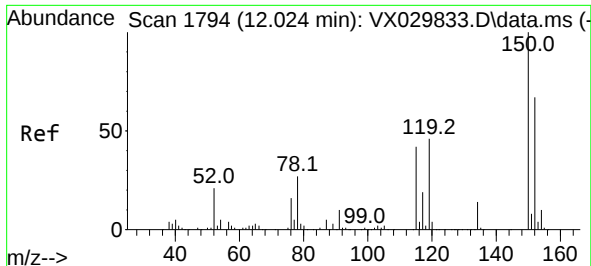
Tgt Ion: 91 Resp: 1998
Ion Ratio Lower Upper
91 100
106 28.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.221 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 106 Resp: 840
Ion Ratio Lower Upper
106 100
91 228.9 158.2 237.4

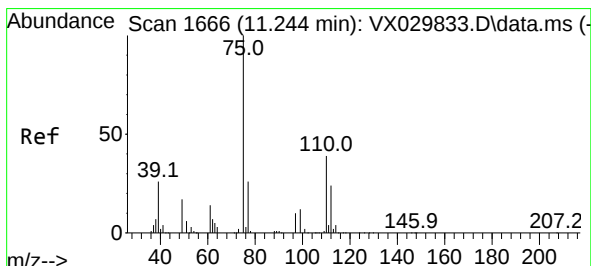
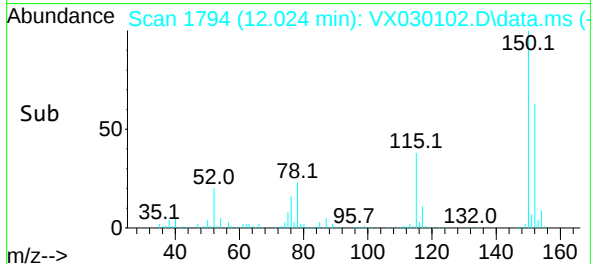
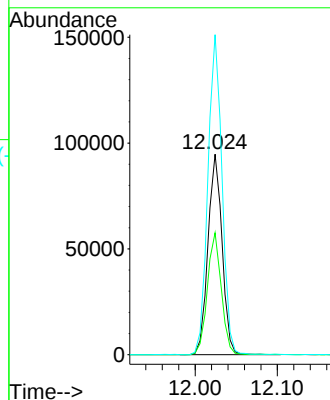
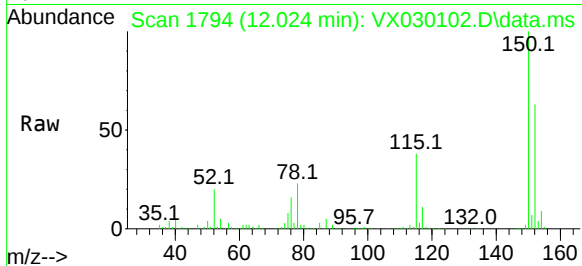




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

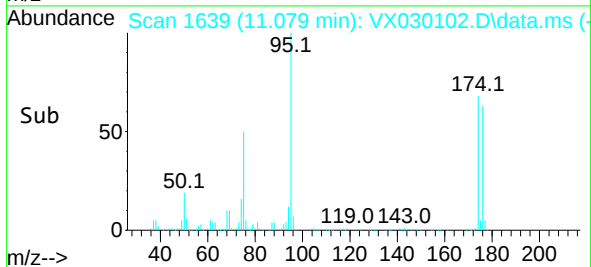
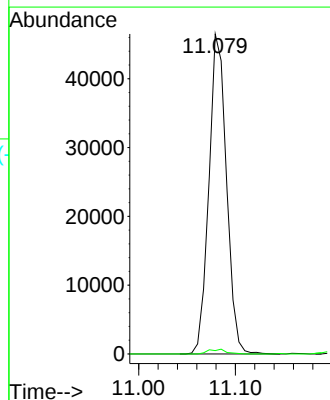
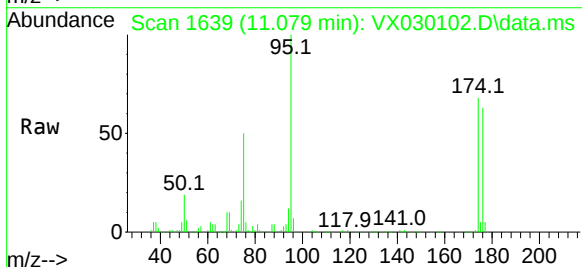
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

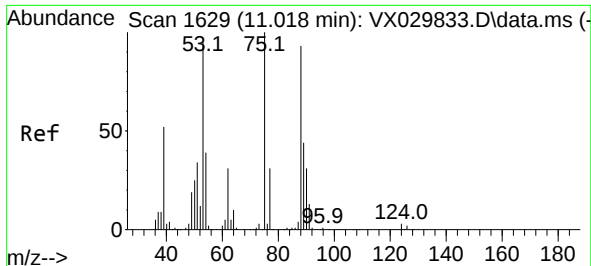
Tgt Ion:152 Resp: 112931
Ion Ratio Lower Upper
152 100
115 60.1 40.5 121.5
150 159.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 22.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 75 Resp: 58662
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#

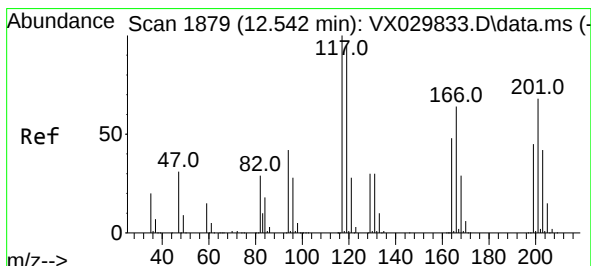
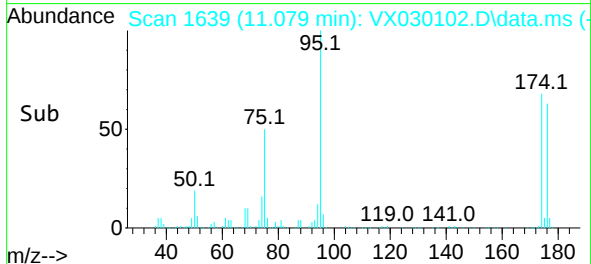
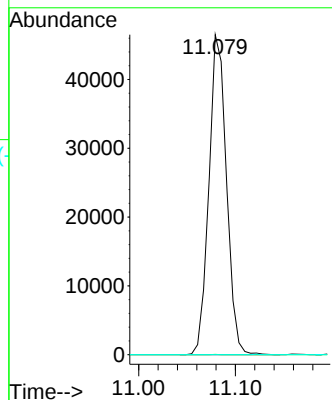
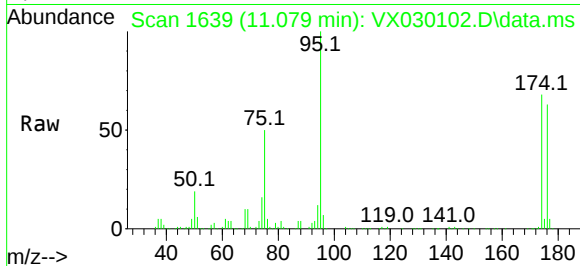




#81
trans-1,4-Dichloro-2-butene
Concen: 65.201 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

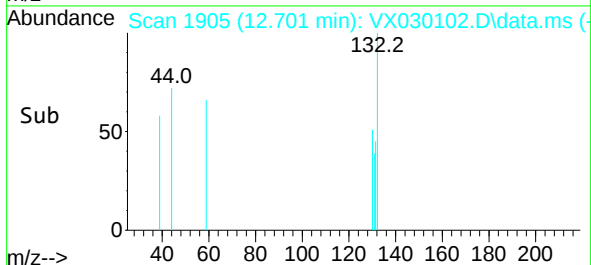
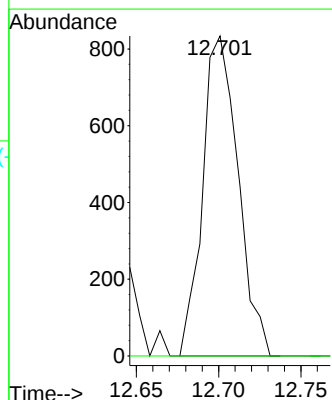
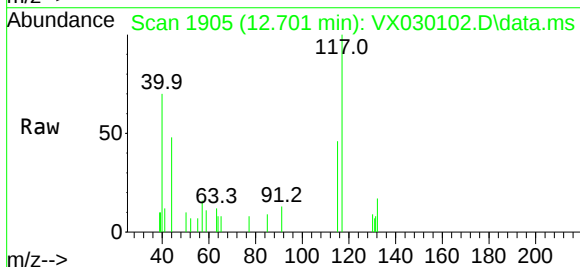
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

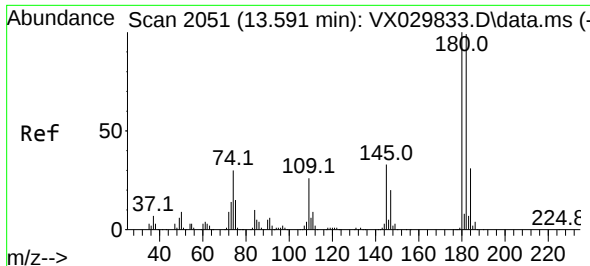
Tgt Ion: 75 Resp: 58662
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#90
Hexachloroethane
Concen: 1.085 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion: 117 Resp: 1250
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#

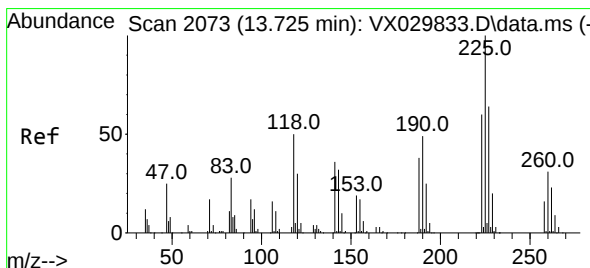
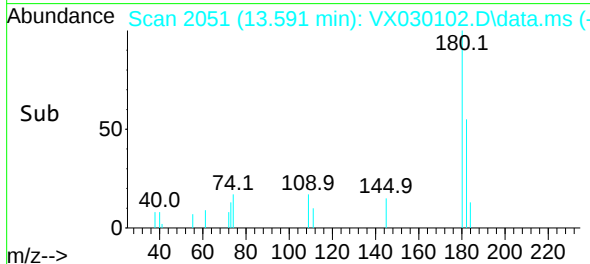
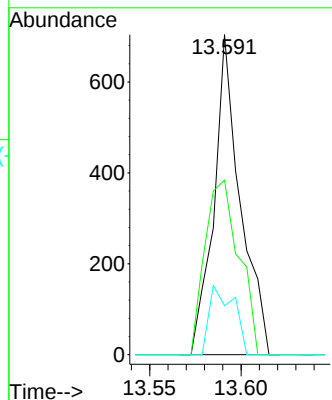
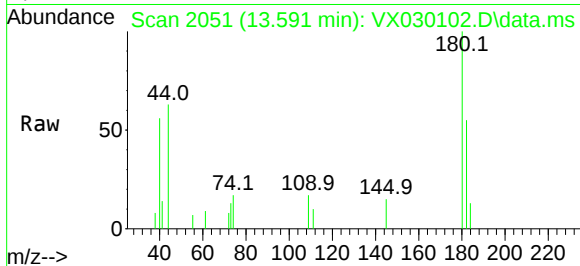




#93
1,2,4-Trichlorobenzene
Concen: 0.311 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-394-414-071422

Tgt Ion:180	Resp:	706
Ion	Ratio	Lower Upper
180	100	
182	70.4	48.2 144.6
145	20.0	15.9 47.6



#94
Hexachlorobutadiene
Concen: 0.299 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX030102.D
Acq: 18 Jul 2022 11:51

Tgt Ion:225	Resp:	271
Ion	Ratio	Lower Upper
225	100	
223	55.4	30.6 91.6
227	49.1	31.9 95.9

