

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022877.D
 Acq On : 24 Jun 2021 18:56
 Operator : JC/MD
 Sample : M2803-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW01-20210621

Quant Time: Jun 25 05:39:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

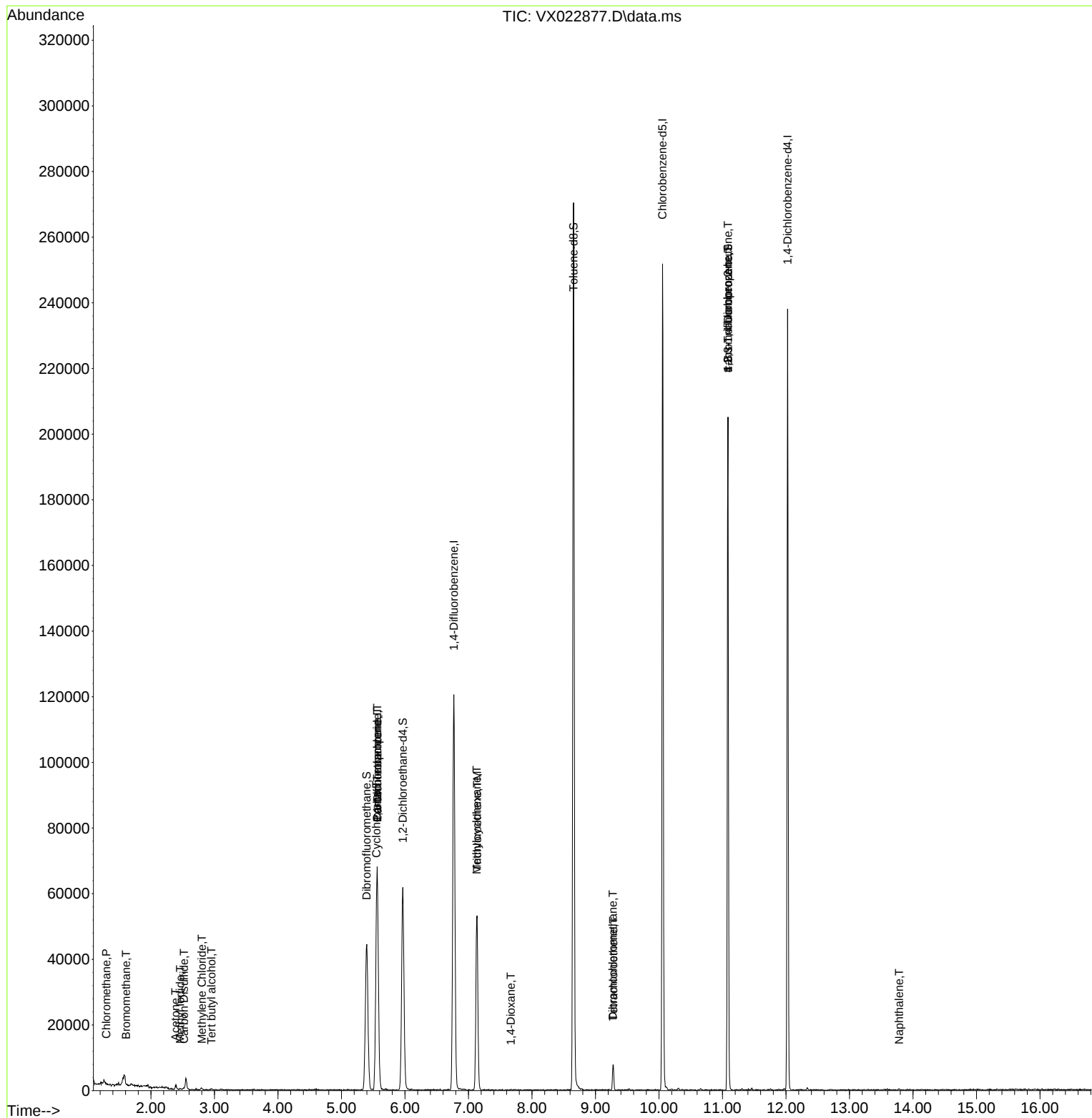
Internal Standards						
1) Pentafluorobenzene	5.562	168	54816	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	114459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55209	55.50	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.00%			
35) Dibromofluoromethane	5.397	113	37872	52.10	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.20%			
50) Toluene-d8	8.653	98	154988	54.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.82%			
62) 4-Bromofluorobenzene	11.085	95	53620	50.44	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.88%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	170	0.20	ug/l	# 86
5) Bromomethane	1.605	94	134	0.31	ug/l	# 1
10) Methyl Iodide	2.459	142	187	4.08	ug/l	# 70
11) Tert butyl alcohol	2.953	59	112	0.54	ug/l	# 73
16) Acetone	2.386	43	1409	3.19	ug/l	# 76
17) Carbon Disulfide	2.520	76	552	3.78	ug/l	# 75
20) Methylene Chloride	2.800	84	188	0.59	ug/l	# 74
31) Cyclohexane	5.550	56	1866	1.33	ug/l	# 45
36) 1,1-Dichloropropene	5.562	75	5789	4.76	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	6860	6.73	ug/l	# 15
39) Methylcyclohexane	7.129	83	319	0.22	ug/l	# 1
44) Trichloroethene	7.135	130	18747	22.55	ug/l	# 86
49) 1,4-Dioxane	7.665	88	165	7.31	ug/l	# 45
60) Dibromochloromethane	9.275	129	1343	5.14	ug/l	# 11
64) Tetrachloroethene	9.281	164	1230	1.66	ug/l	# 83
76) 1,2,3-Trichloropropane	11.085	75	29863	27.67	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	29863	71.52	ug/l	# 12
95) Naphthalene	13.780	128	296	2.01	ug/l	# 69

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

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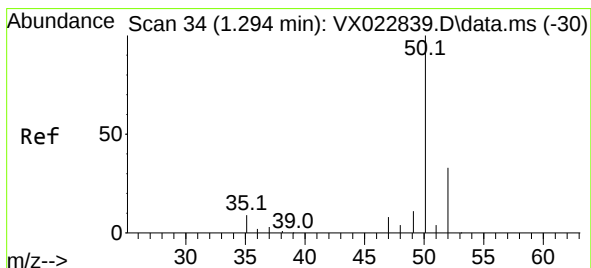
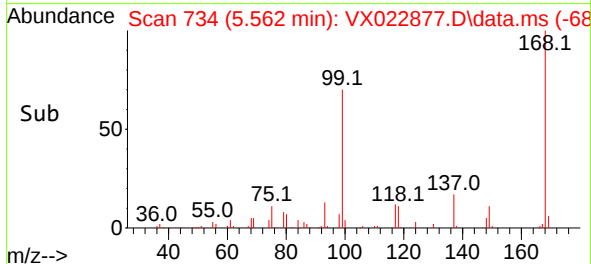
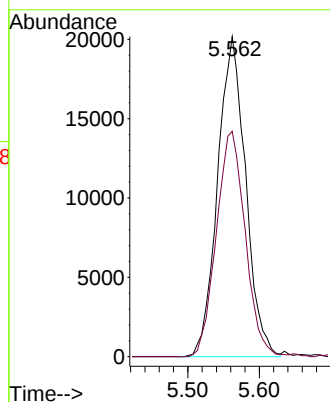
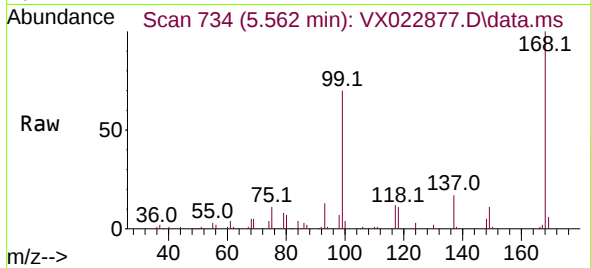




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

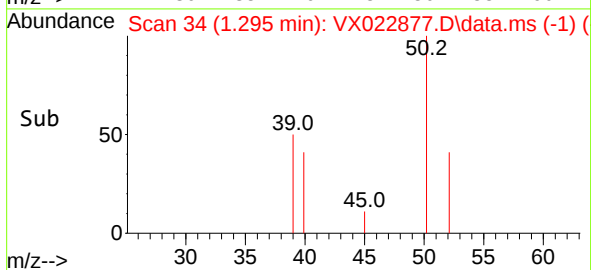
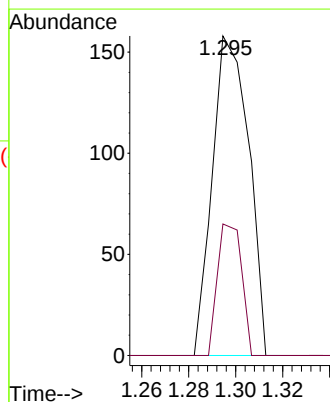
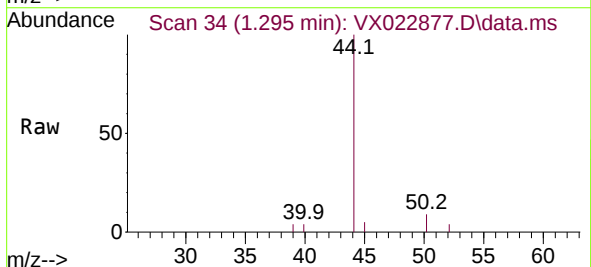
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210621

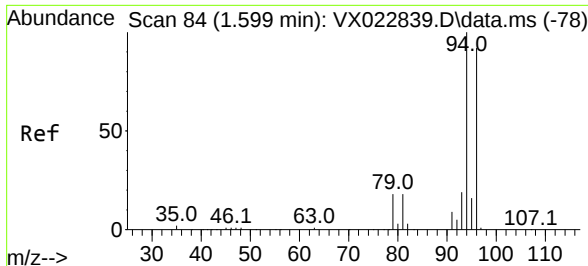
Tgt Ion:168 Resp: 54816
Ion Ratio Lower Upper
168 100
99 70.4 45.8 68.6#



#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 41.1 26.4 39.6#

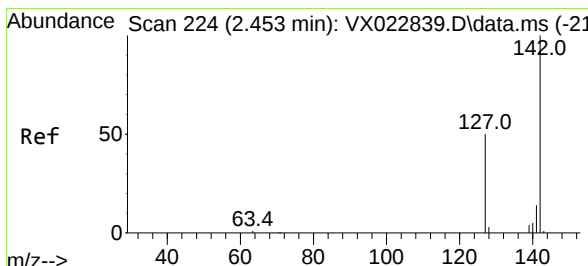
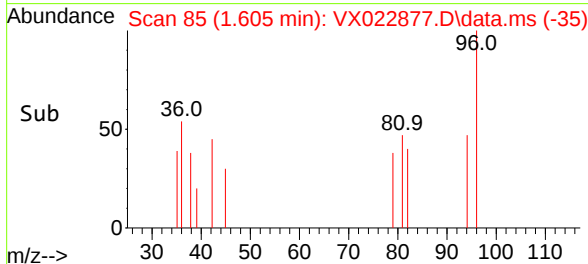
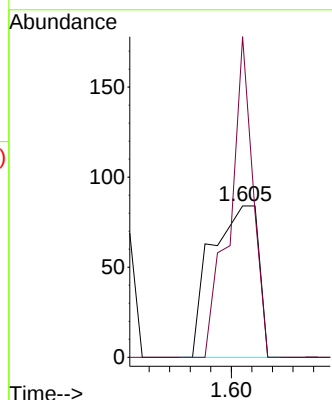
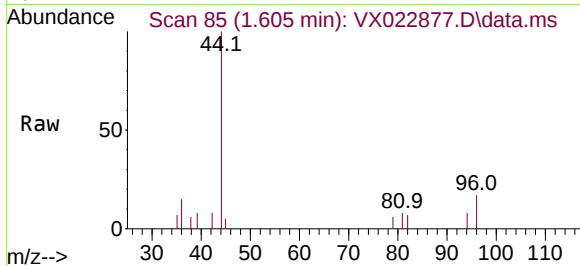




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

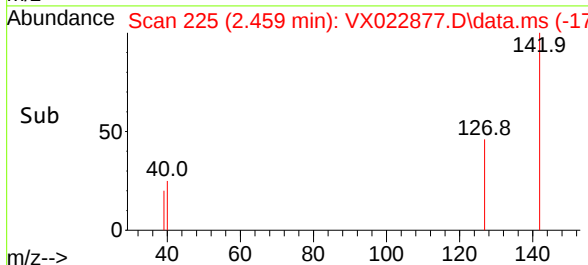
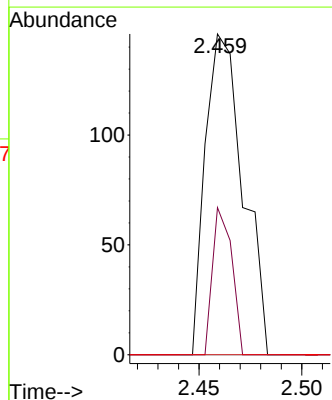
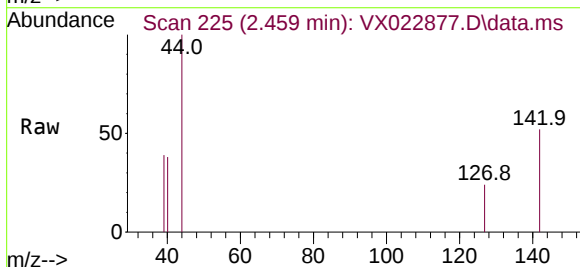
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210621

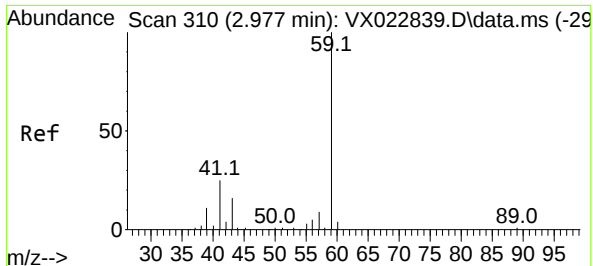
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 211.9 76.4 114.6#



#10
Methyl Iodide
Concen: 4.08 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
127 23.5 33.3 49.9#
141 0.0 11.4 17.0#



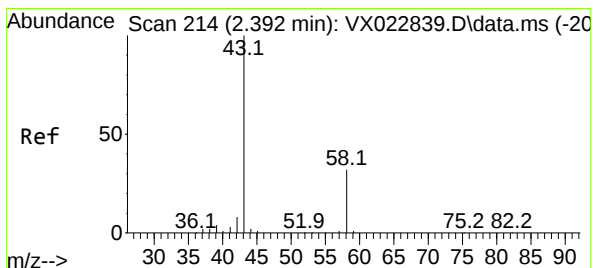
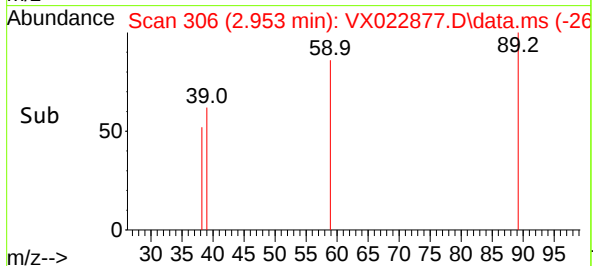
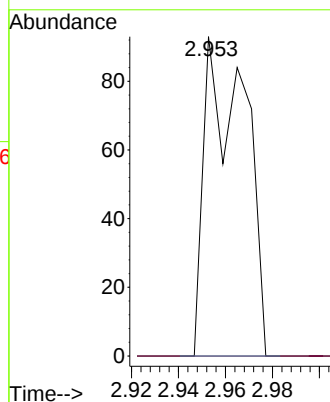
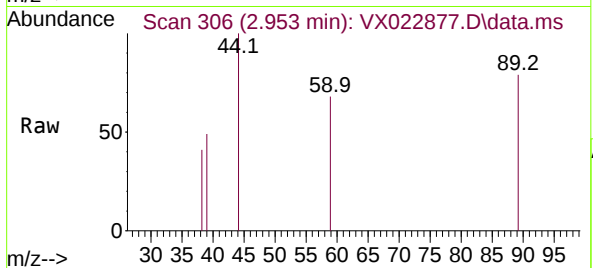


#11

Tert butyl alcohol
Concen: 0.54 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210621

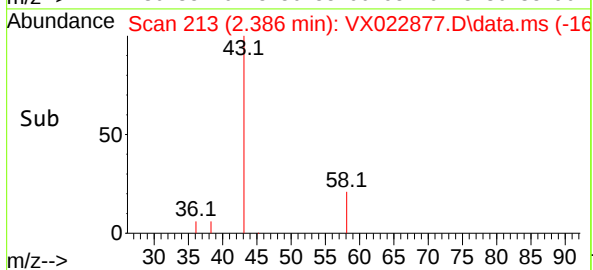
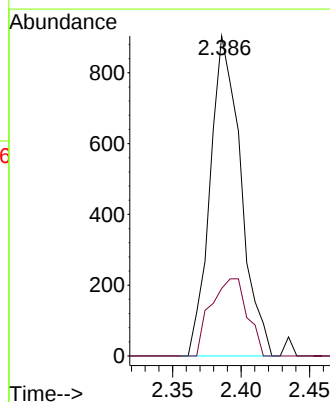
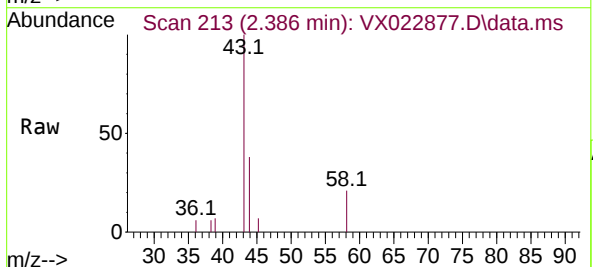
Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

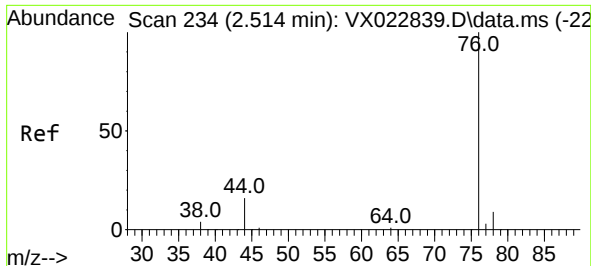


#16

Acetone
Concen: 3.19 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
58 21.1 27.8 41.8#

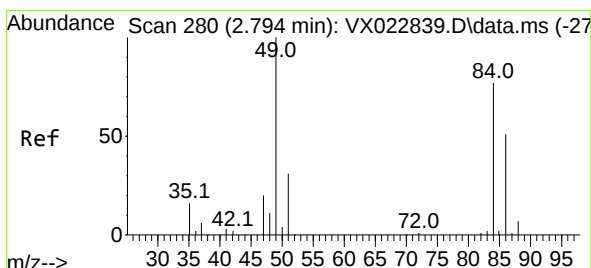
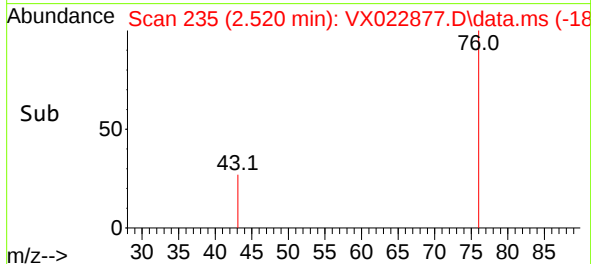
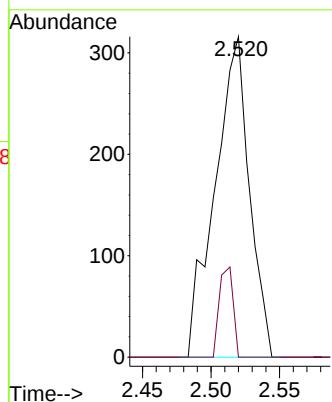
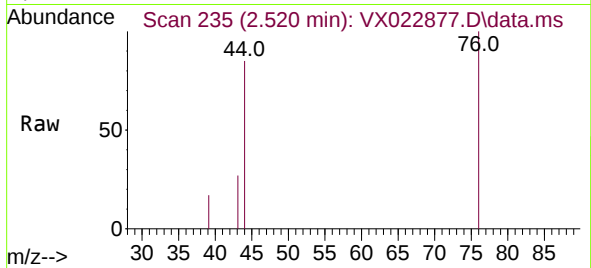




#17
Carbon Disulfide
Concen: 3.78 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

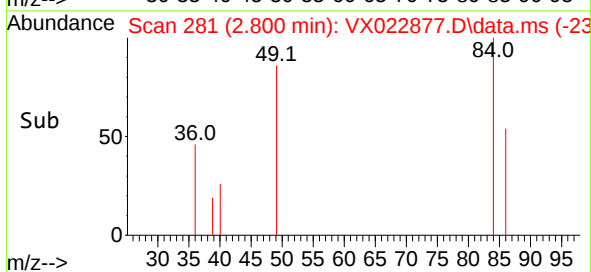
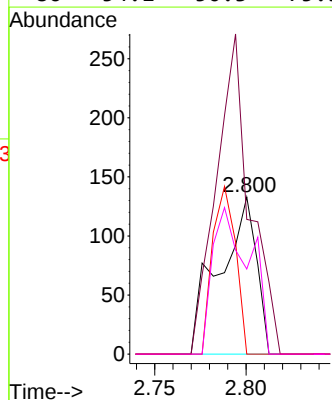
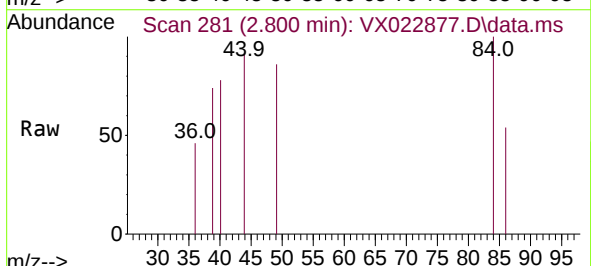
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210621

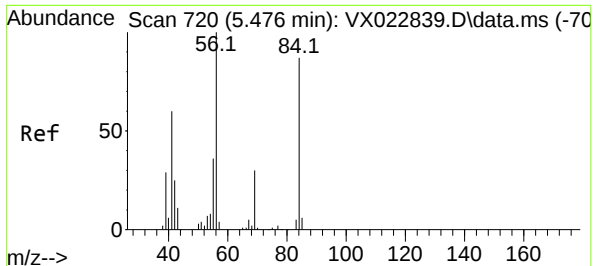
Tgt Ion: 76 Resp: 552
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 84 Resp: 188
Ion Ratio Lower Upper
84 100
49 85.7 88.6 132.8#
51 0.0 27.0 40.6#
86 54.1 50.3 75.5

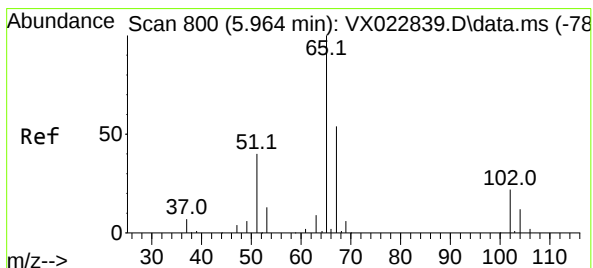
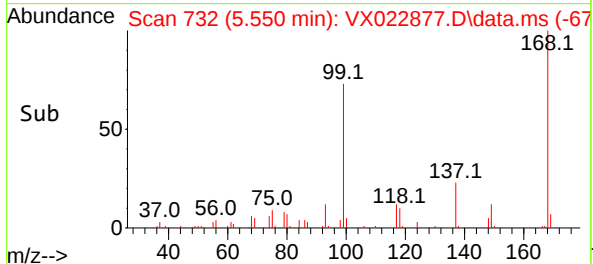
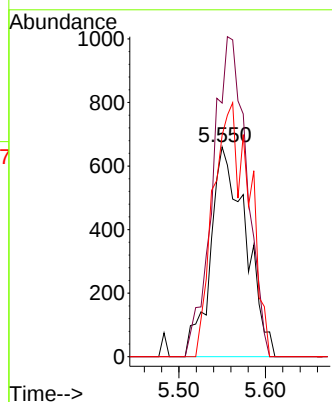
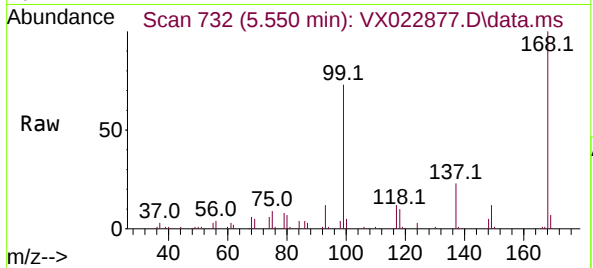




#31
Cyclohexane
Concen: 1.33 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

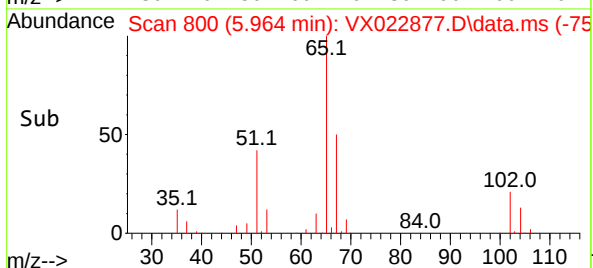
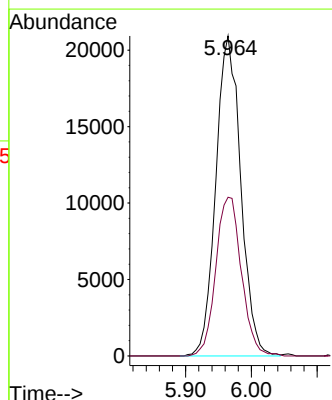
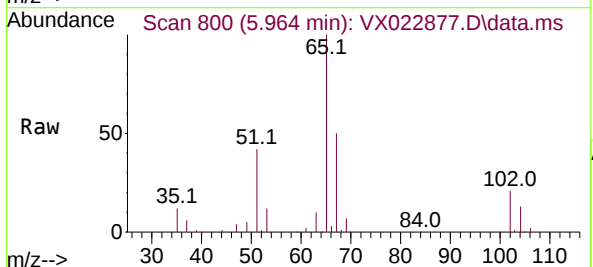
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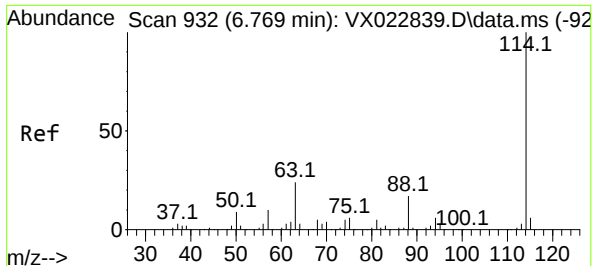
Tgt Ion: 56 Resp: 1866
Ion Ratio Lower Upper
56 100
69 120.9 25.3 37.9#
84 105.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 55.50 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 65 Resp: 55209
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

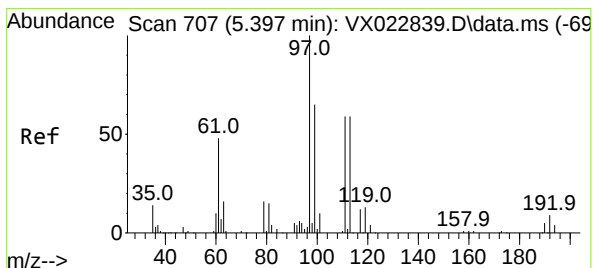
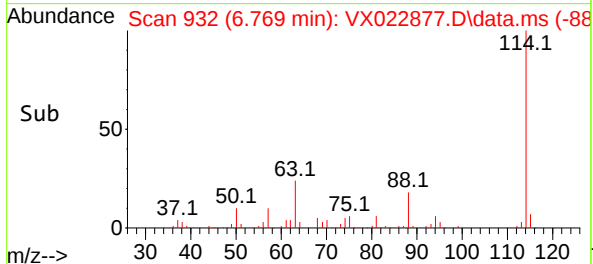
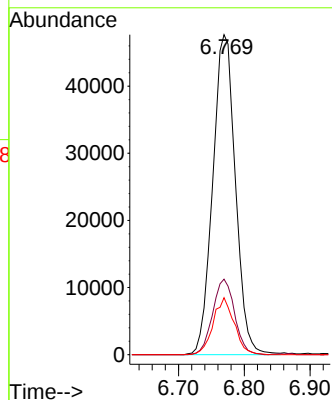
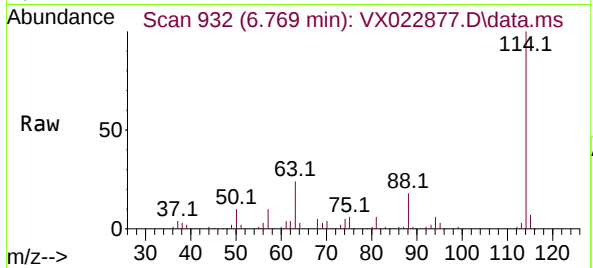




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

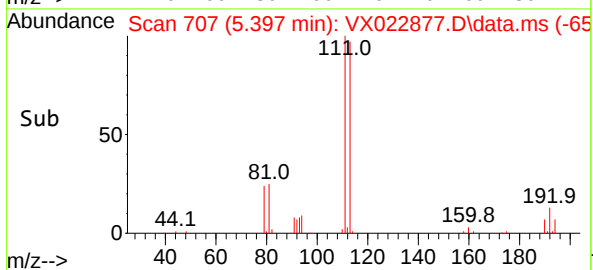
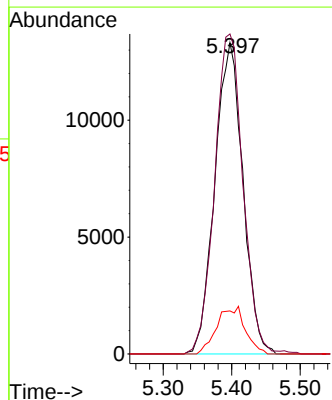
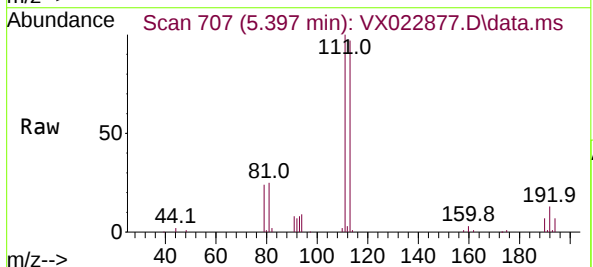
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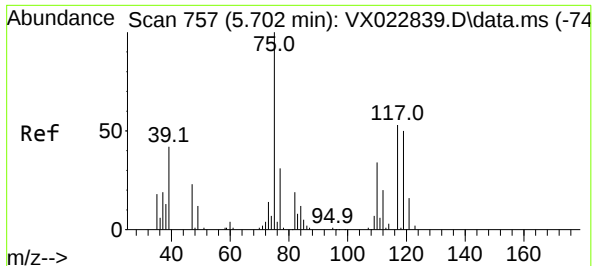
Tgt Ion:114 Resp: 114459
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.10 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion:113 Resp: 37872
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 15.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022877.D

Acq: 24 Jun 2021 18:56

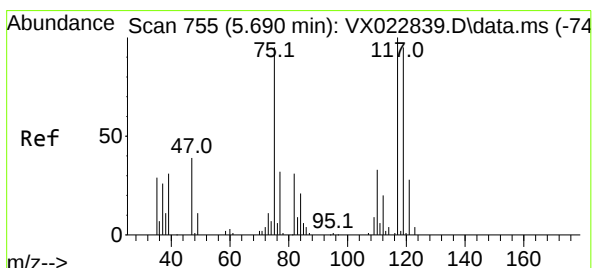
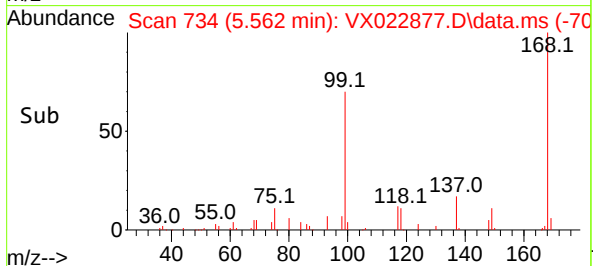
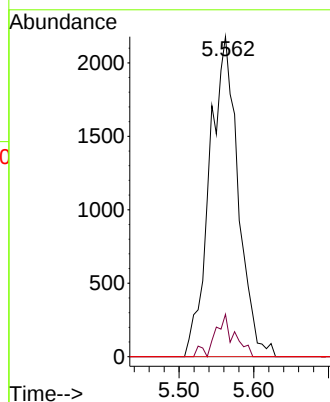
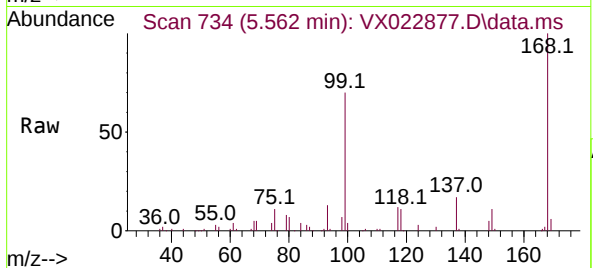
Tgt Ion:	75	Resp:	5789
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW01-20210621



#38

Carbon Tetrachloride

Concen: 6.73 ug/l

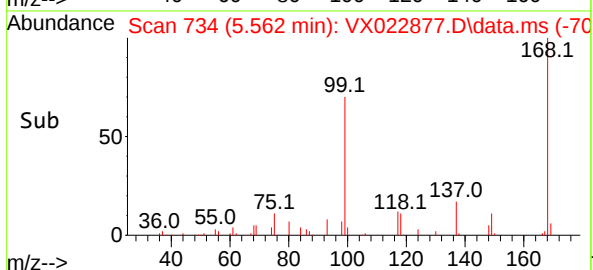
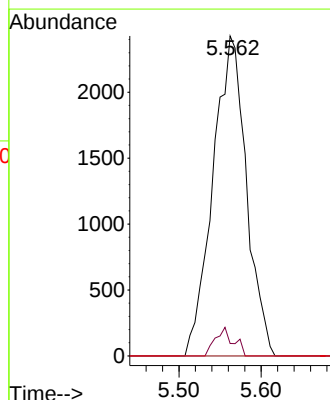
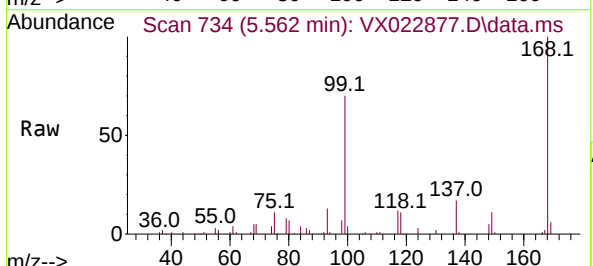
RT: 5.562 min Scan# 734

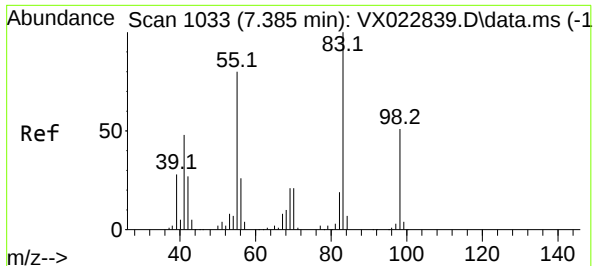
Delta R.T. -0.128 min

Lab File: VX022877.D

Acq: 24 Jun 2021 18:56

Tgt Ion:	117	Resp:	6860
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.22 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022877.D

Acq: 24 Jun 2021 18:56

Tgt Ion: 83 Resp: 319

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

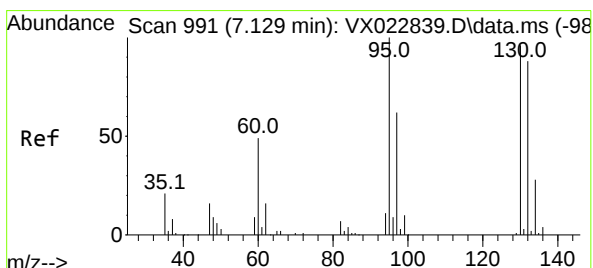
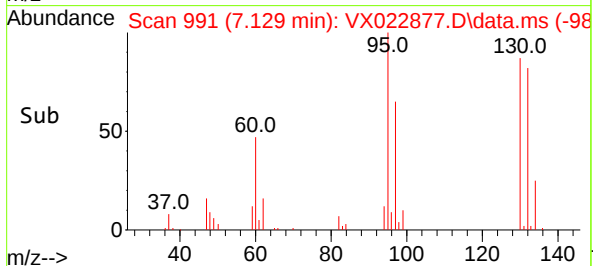
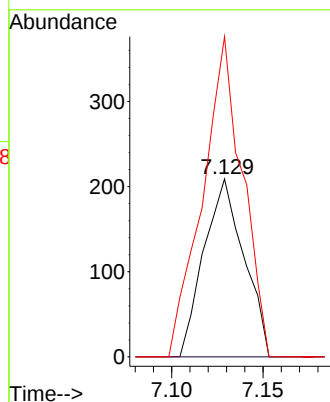
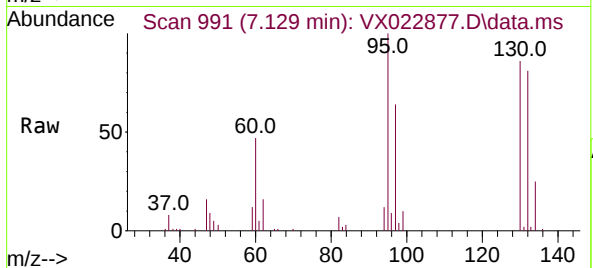
98 179.9 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW01-20210621



#44

Trichloroethene

Concen: 22.55 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022877.D

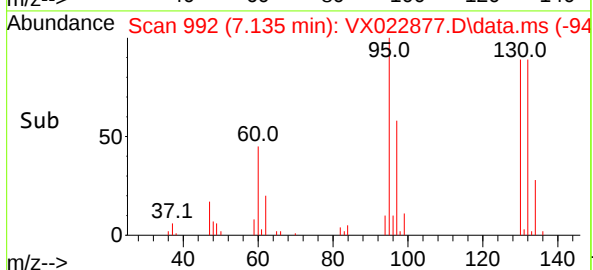
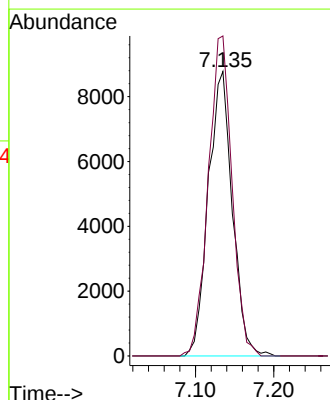
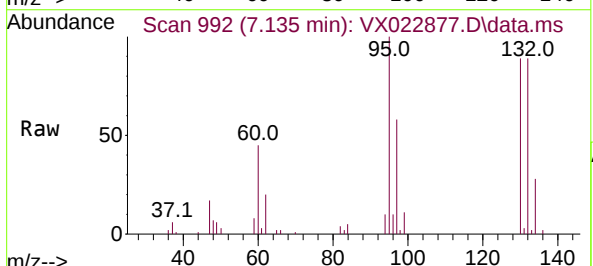
Acq: 24 Jun 2021 18:56

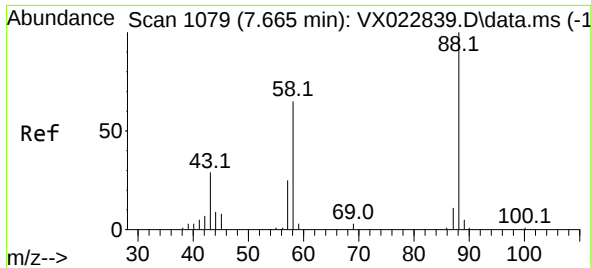
Tgt Ion:130 Resp: 18747

Ion Ratio Lower Upper

130 100

95 112.5 0.0 198.0

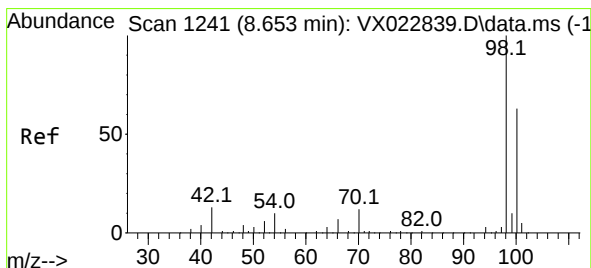
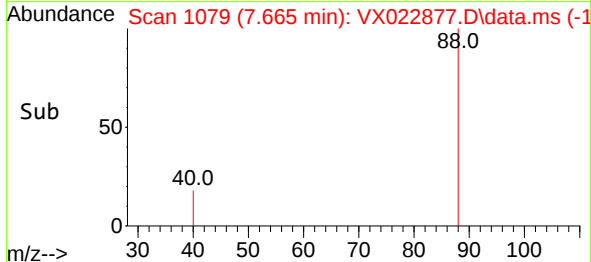
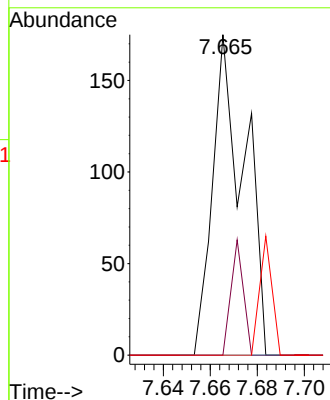
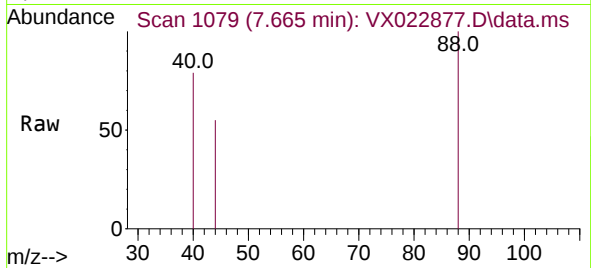




#49
1,4-Dioxane
Concen: 7.31 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

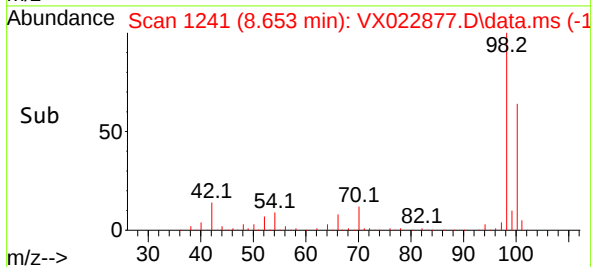
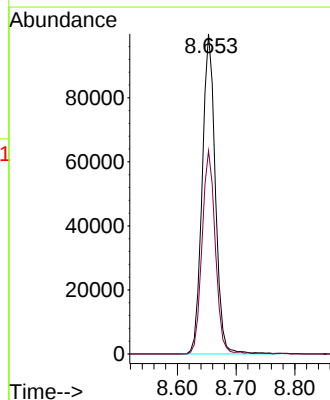
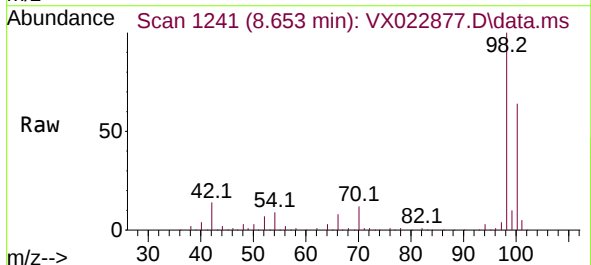
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210621

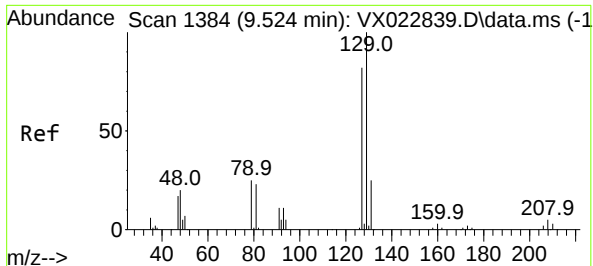
Tgt Ion: 88	Resp:	165
Ion	Ratio	Lower Upper
88	100	
43	13.9	23.2 34.8#
58	14.5	55.0 82.4#



#50
Toluene-d8
Concen: 54.41 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 98	Resp:	154988
Ion	Ratio	Lower Upper
98	100	
100	64.0	51.9 77.9





#60

Dibromochloromethane

Concen: 5.14 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX022877.D

Acq: 24 Jun 2021 18:56

Tgt Ion:129 Resp: 1343

Ion Ratio Lower Upper

129 100

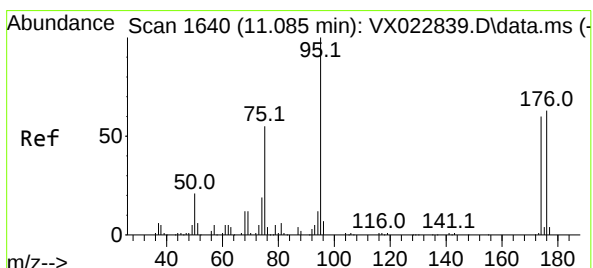
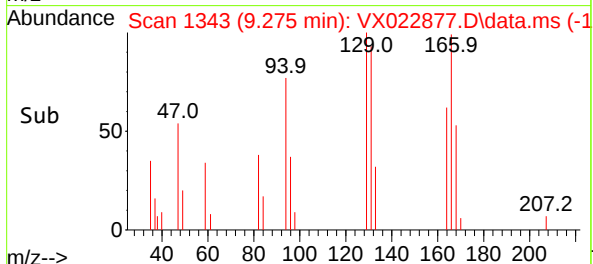
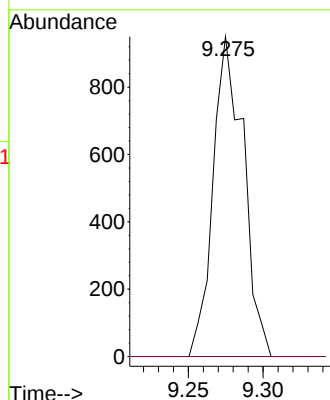
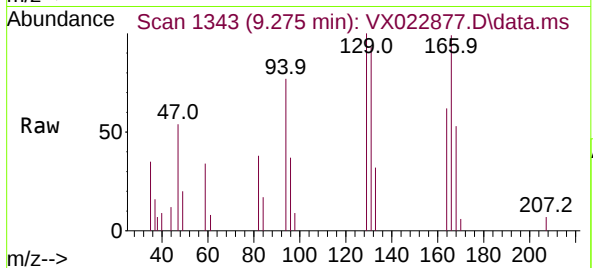
127 0.0 38.4 115.2#

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW01-20210621



#62

4-Bromofluorobenzene

Concen: 50.44 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022877.D

Acq: 24 Jun 2021 18:56

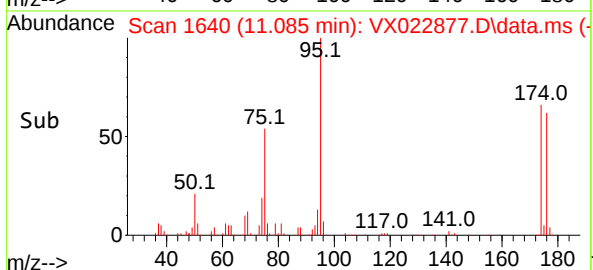
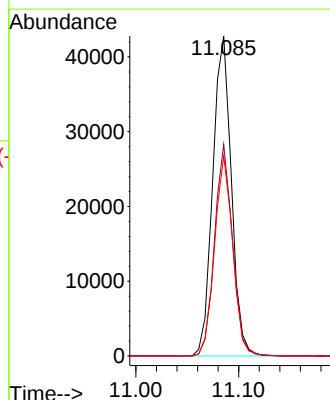
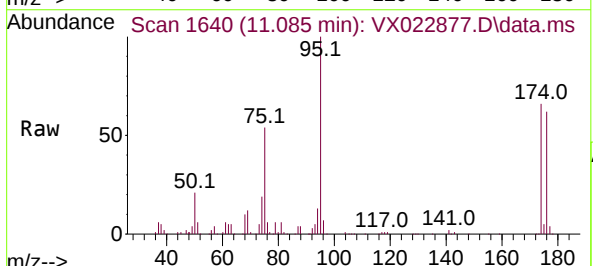
Tgt Ion: 95 Resp: 53620

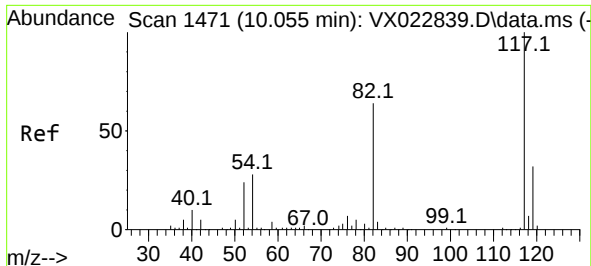
Ion Ratio Lower Upper

95 100

174 64.0 0.0 154.6

176 61.0 0.0 155.8

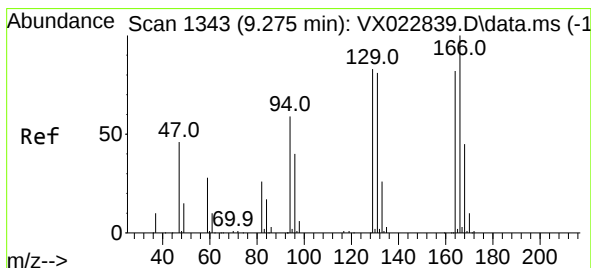
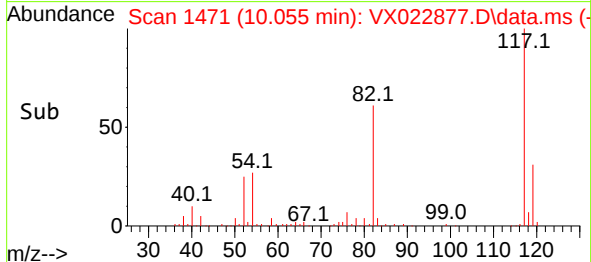
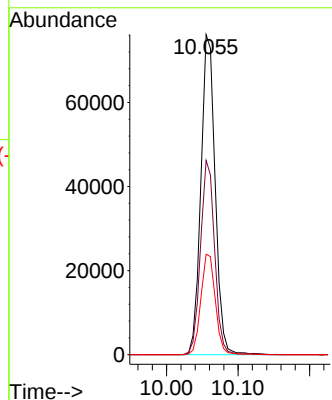
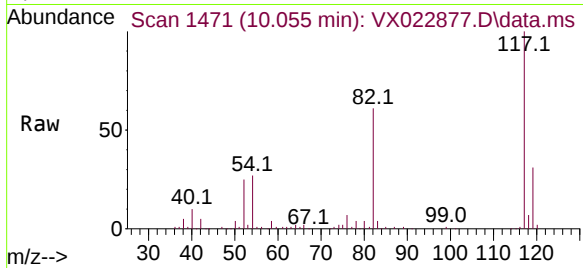




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

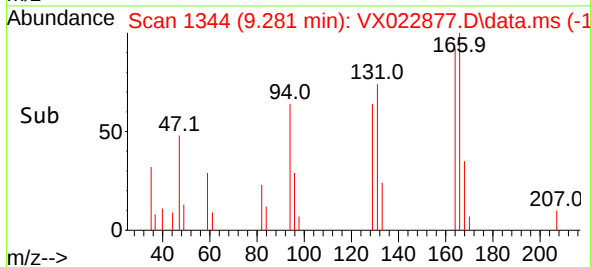
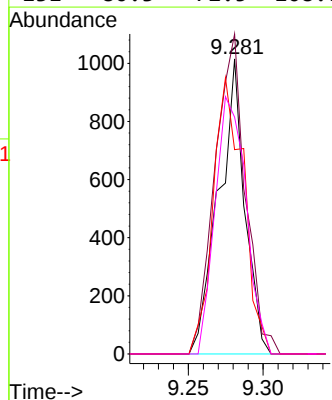
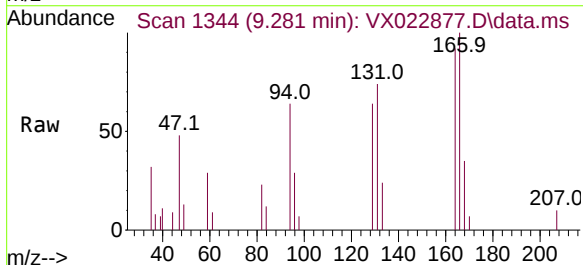
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210621

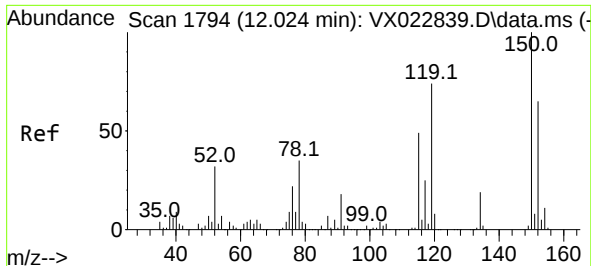
Tgt Ion:117 Resp: 105597
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 1.66 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion:164 Resp: 1230
Ion Ratio Lower Upper
164 100
166 108.5 103.4 155.2
129 69.3 70.8 106.2#
131 80.3 72.5 108.7

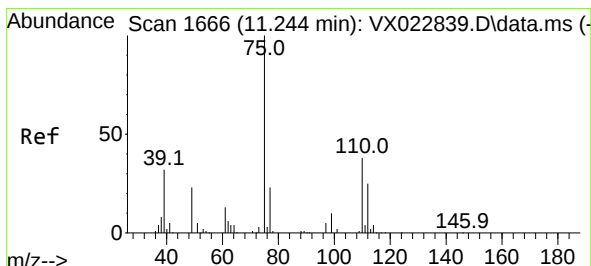
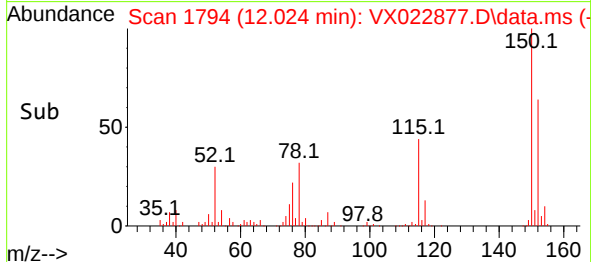
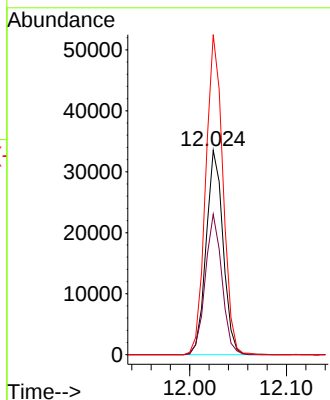
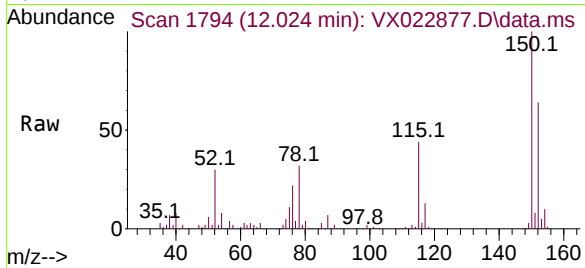




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022877.D
 Acq: 24 Jun 2021 18:56

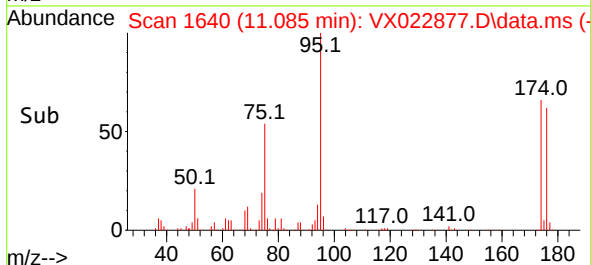
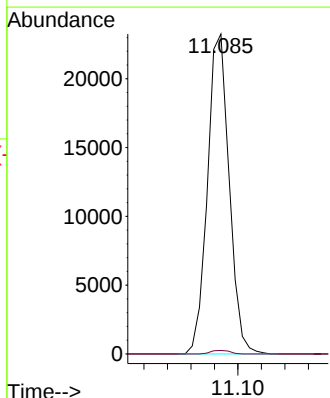
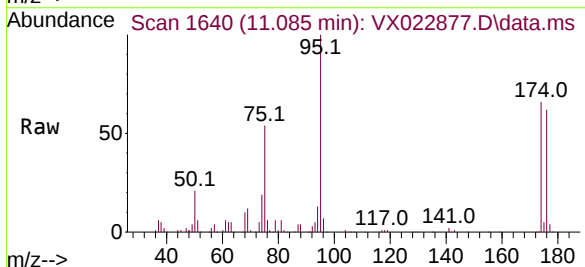
Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW01-20210621

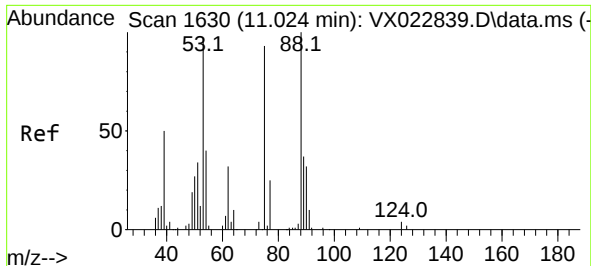
Tgt Ion:152 Resp: 40860
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 158.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.67 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022877.D
 Acq: 24 Jun 2021 18:56

Tgt Ion: 75 Resp: 29863
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

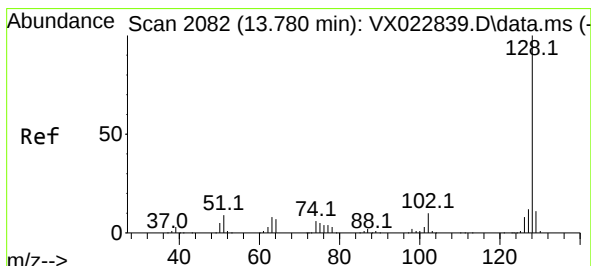
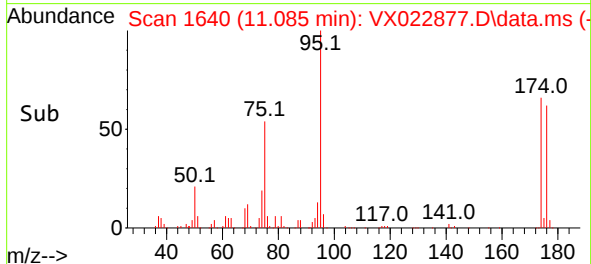
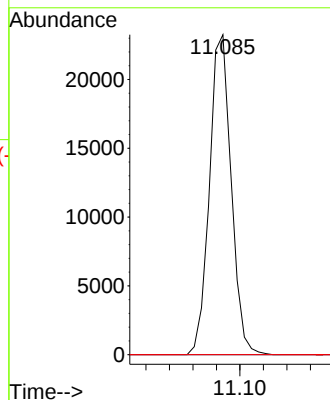
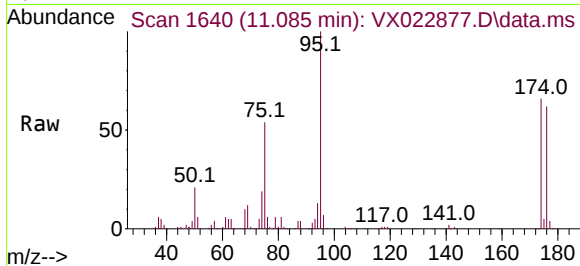




#81
trans-1,4-Dichloro-2-butene
Concen: 71.52 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW01-20210621

Tgt Ion: 75 Resp: 29863
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.01 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022877.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 128 Resp: 296
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

