

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022986.D
 Acq On : 28 Jun 2021 18:10
 Operator : JC/MD
 Sample : M2875-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Jun 29 03:07:50 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)

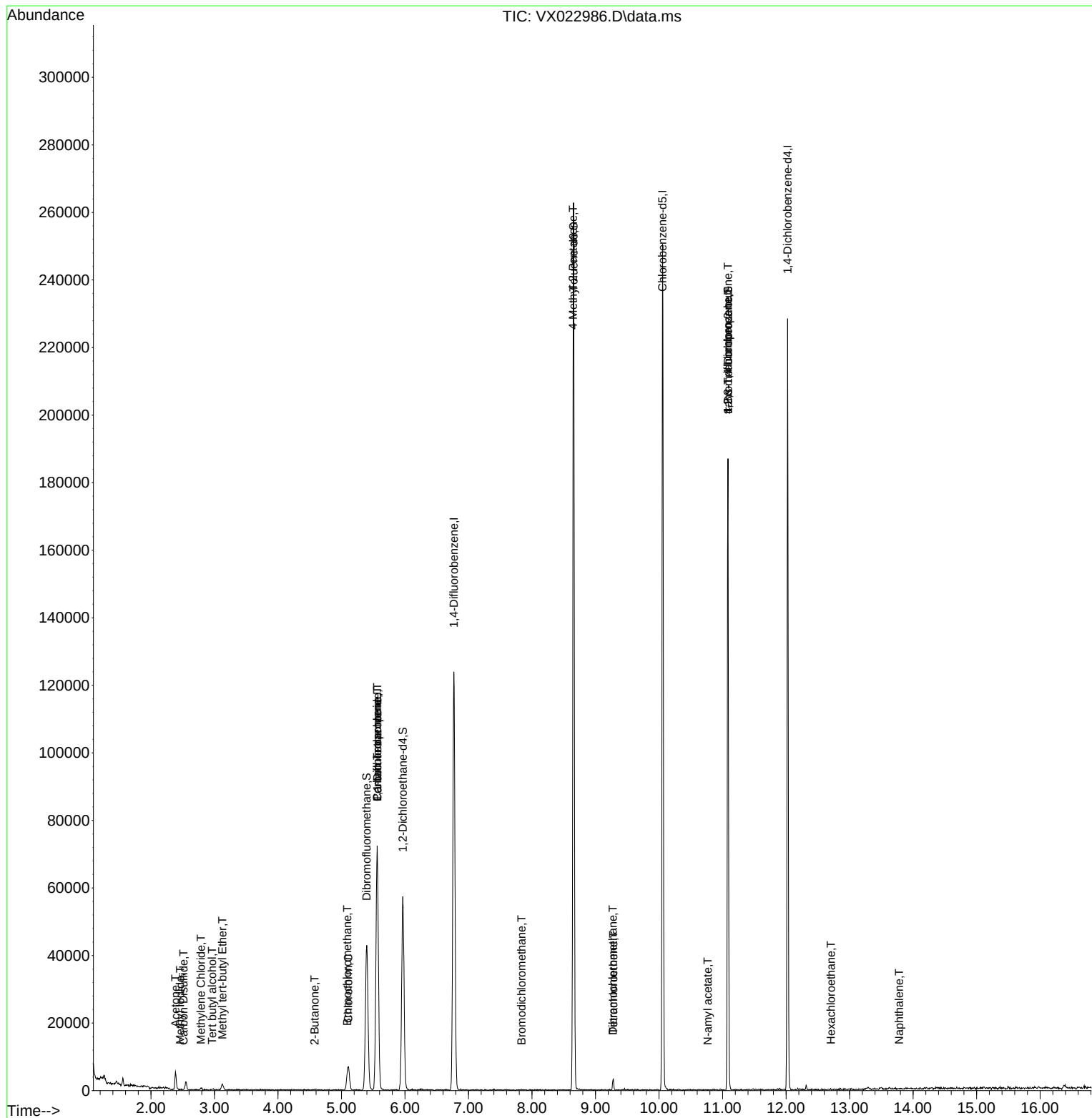
Internal Standards						
1) Pentafluorobenzene	5.562	168	57689	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52884	50.513	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.020%			
35) Dibromofluoromethane	5.397	113	37144	49.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.340%			
50) Toluene-d8	8.653	98	143867	48.590	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.180%			
62) 4-Bromofluorobenzene	11.085	95	49672	44.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.900%			
Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	69	3.950	ug/l #	42
11) Tert butyl alcohol	2.965	59	143	0.655	ug/l #	73
16) Acetone	2.386	43	5166	11.130	ug/l #	88
17) Carbon Disulfide	2.514	76	106	3.564	ug/l #	75
19) Methyl tert-butyl Ether	3.123	73	1802	0.671	ug/l #	58
20) Methylene Chloride	2.788	84	223	0.613	ug/l #	63
25) 2-Butanone	4.574	43	228	0.316	ug/l #	45
28) Bromochloromethane	5.092	49	400	0.537	ug/l #	9
30) Chloroform	5.105	83	7959	5.008	ug/l	94
36) 1,1-Dichloropropene	5.562	75	6292	4.979	ug/l #	45
38) Carbon Tetrachloride	5.562	117	6787	6.404	ug/l #	15
47) Bromodichloromethane	7.836	83	67	2.984	ug/l #	95
51) 4-Methyl-2-Pentanone	8.647	43	759	0.518	ug/l #	1
60) Dibromochloromethane	9.275	129	543	4.231	ug/l #	11
64) Tetrachloroethene	9.281	164	481	0.664	ug/l #	91
74) N-amyl acetate	10.768	43	50	2.082	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	27944	28.177	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	27944	72.707	ug/l #	12
90) Hexachloroethane	12.707	117	145	3.985	ug/l #	9
95) Naphthalene	13.780	128	227	1.994	ug/l #	69

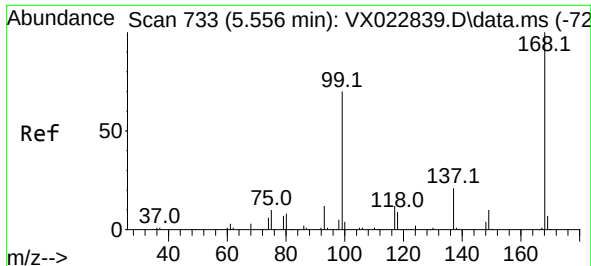
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

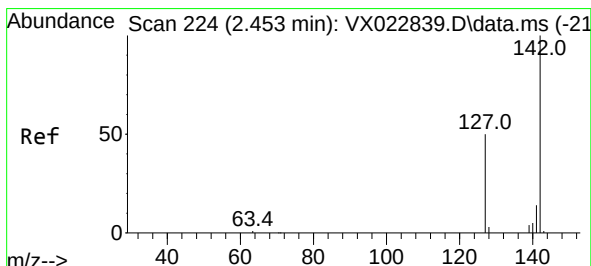
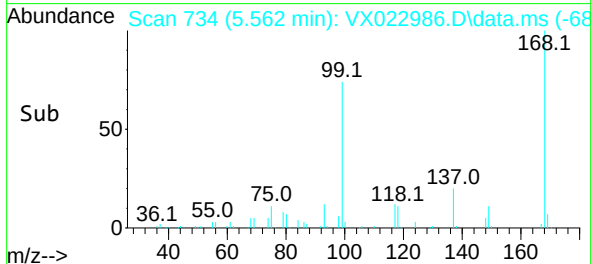
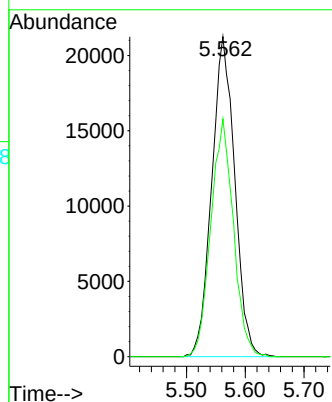
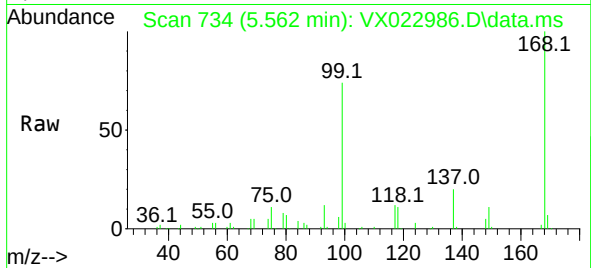




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

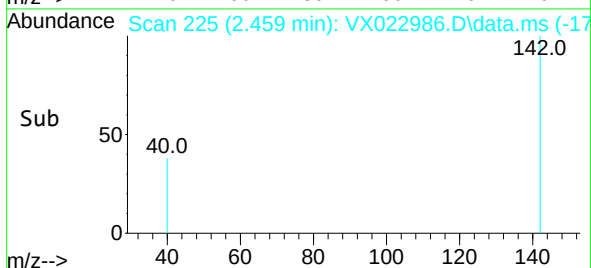
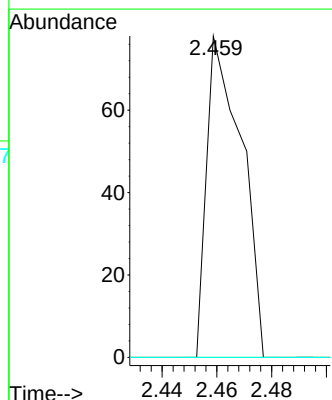
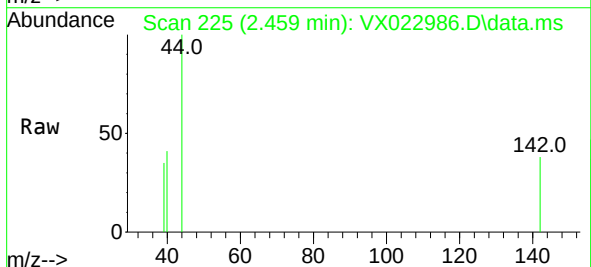
Instrument :
MSVOA_X
ClientSampled :
MW-11

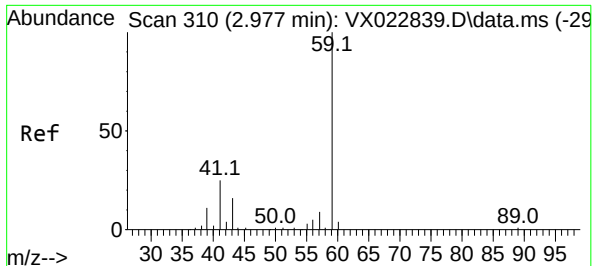
Tgt Ion:168 Resp: 57689
Ion Ratio Lower Upper
168 100
99 74.3 45.8 68.6#



#10
Methyl Iodide
Concen: 3.950 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



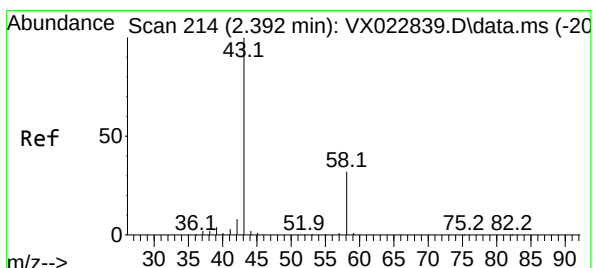
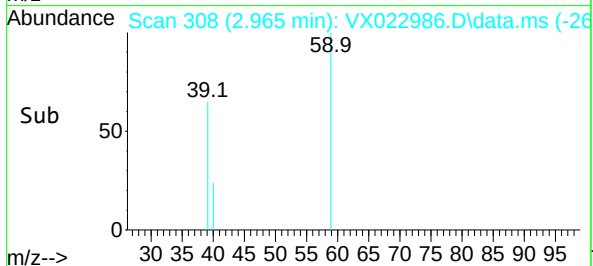
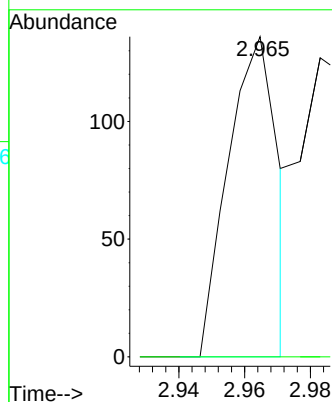
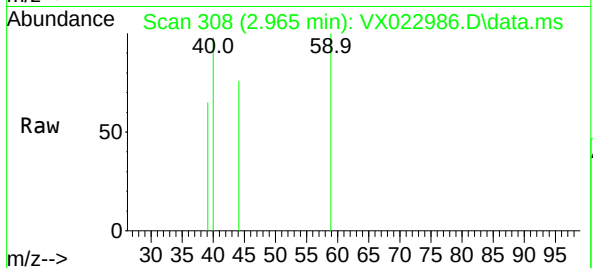


#11

Tert butyl alcohol
Concen: 0.655 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Instrument :
MSVOA_X
ClientSampled :
MW-11

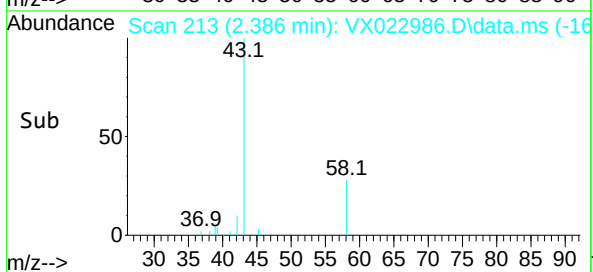
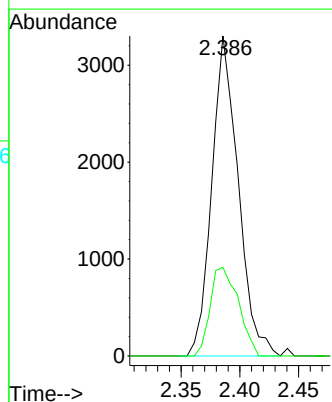
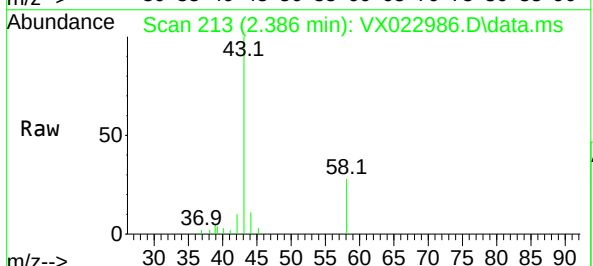
Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

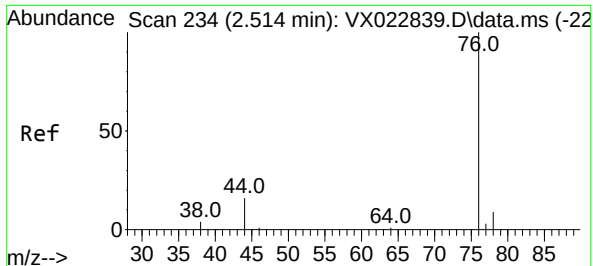


#16

Acetone
Concen: 11.130 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion: 43 Resp: 5166
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#

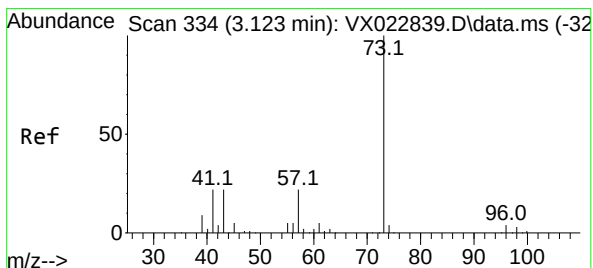
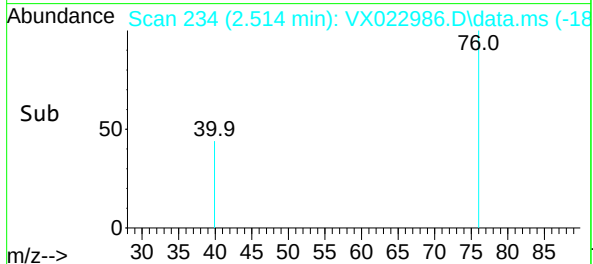
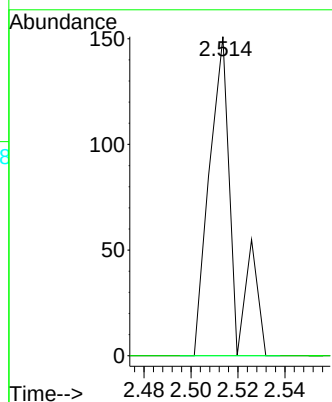
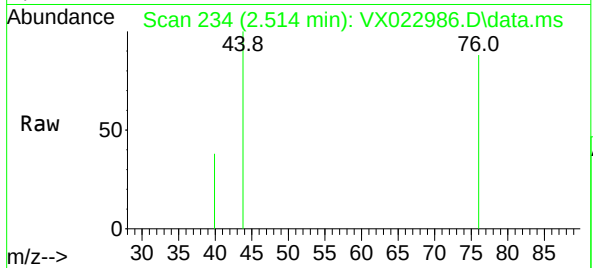




#17
Carbon Disulfide
Concen: 3.564 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

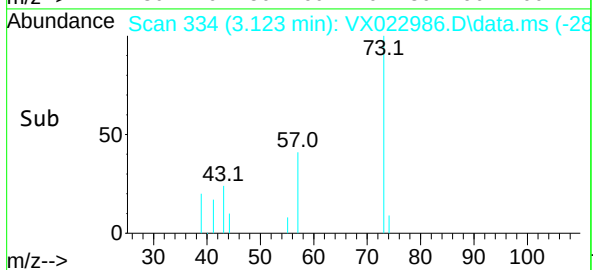
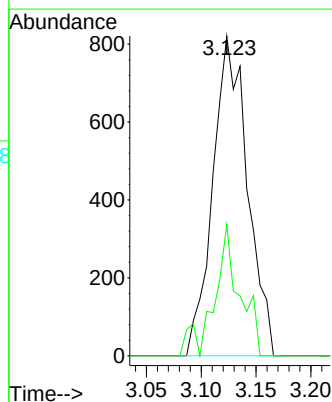
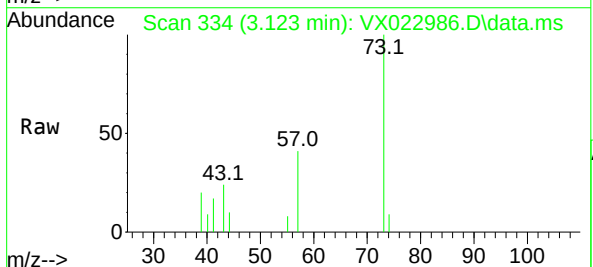
Instrument :
MSVOA_X
ClientSampled :
MW-11

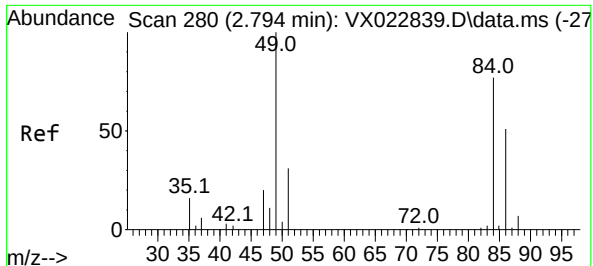
Tgt Ion: 76 Resp: 106
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.671 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion: 73 Resp: 1802
Ion Ratio Lower Upper
73 100
57 41.0 17.1 25.7#





#20

Methylene Chloride

Concen: 0.613 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022986.D

Acq: 28 Jun 2021 18:10

Tgt Ion: 84 Resp: 223

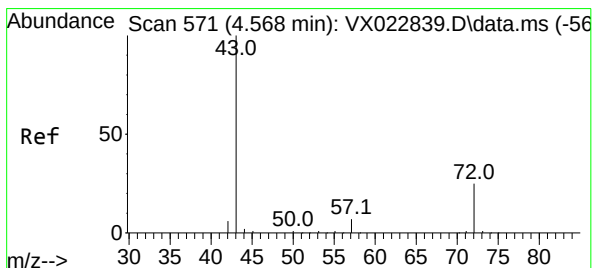
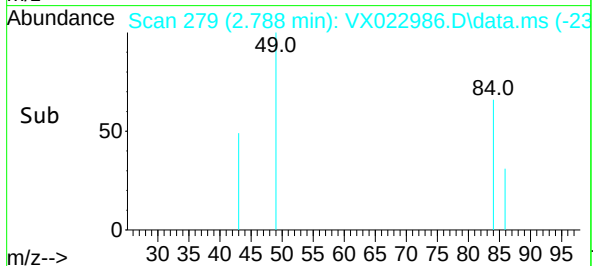
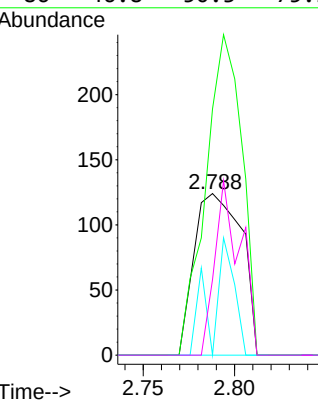
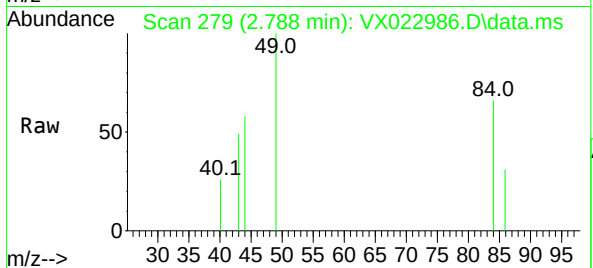
Ion Ratio Lower Upper

84 100

49 152.4 88.6 132.8#

51 0.0 27.0 40.6#

86 46.8 50.3 75.5#



#25

2-Butanone

Concen: 0.316 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022986.D

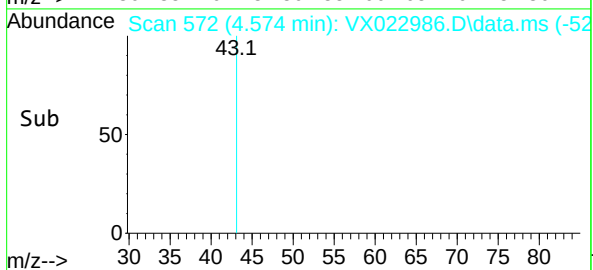
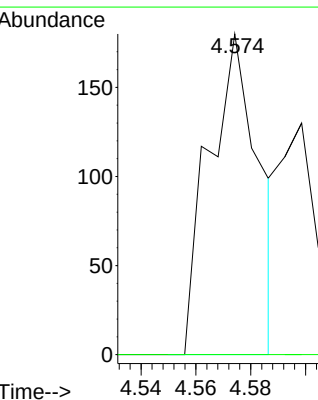
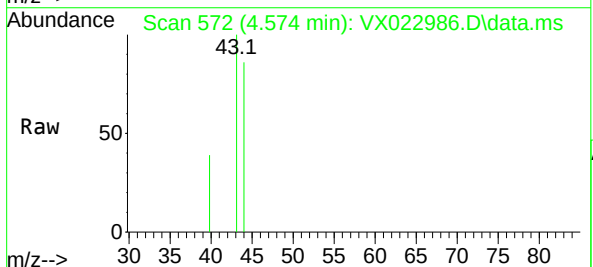
Acq: 28 Jun 2021 18:10

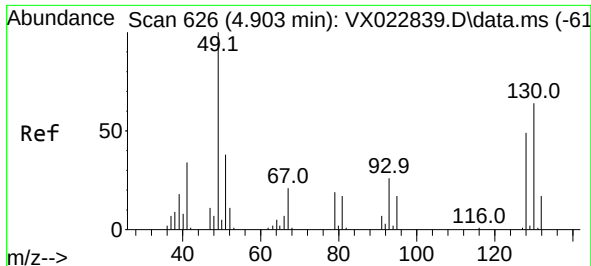
Tgt Ion: 43 Resp: 228

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

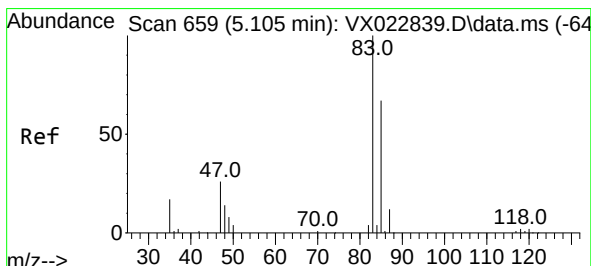
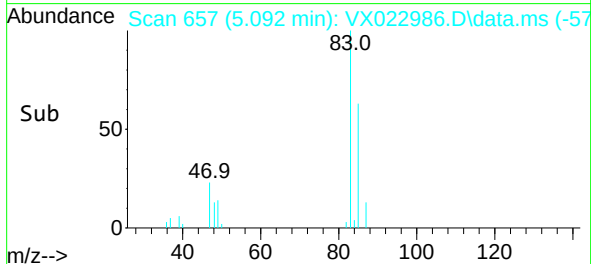
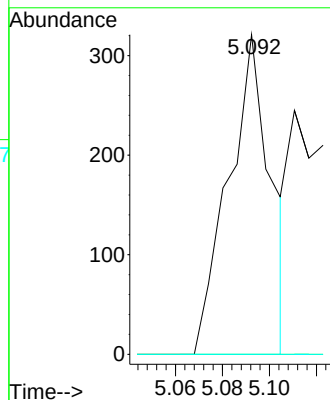
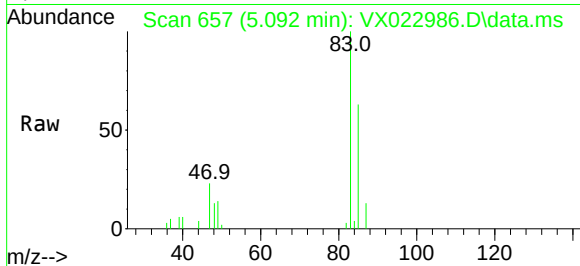




#28
Bromochloromethane
Concen: 0.537 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.189 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

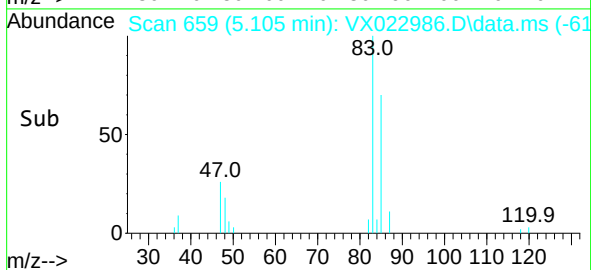
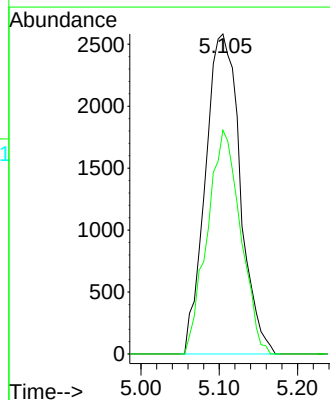
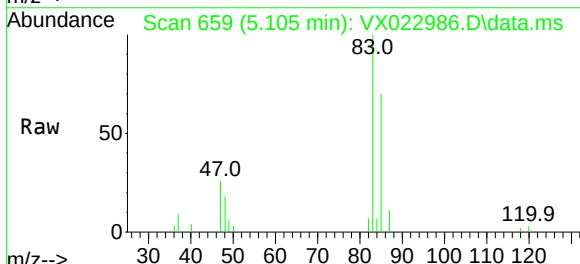
Instrument :
MSVOA_X
ClientSampled :
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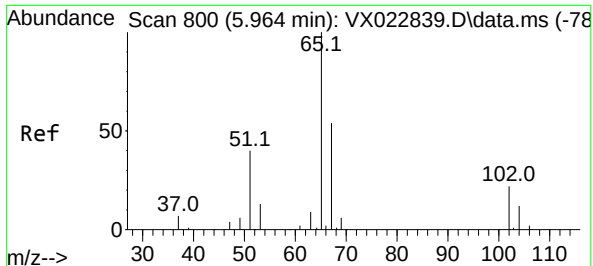
Tgt Ion: 49 Resp: 400
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 5.008 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion: 83 Resp: 7959
Ion Ratio Lower Upper
83 100
85 69.9 52.0 78.0

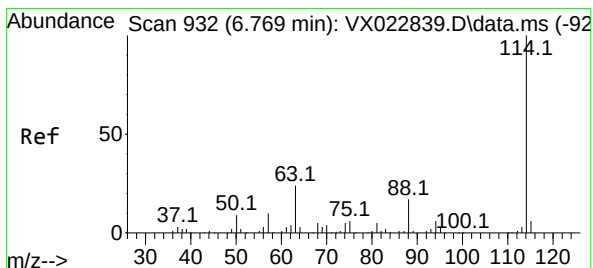
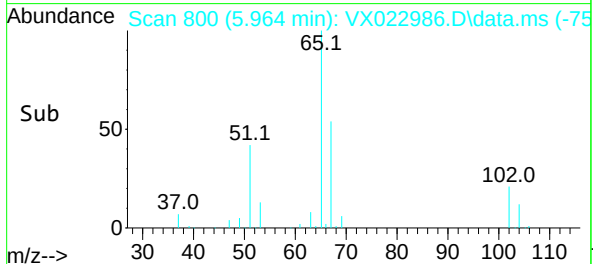
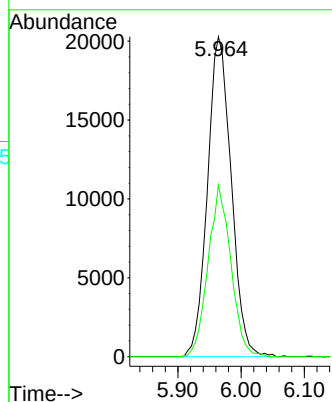
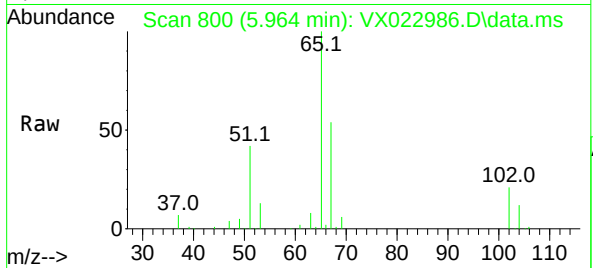




#33
1,2-Dichloroethane-d4
Concen: 50.513 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

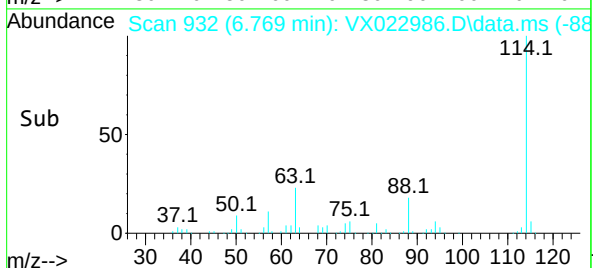
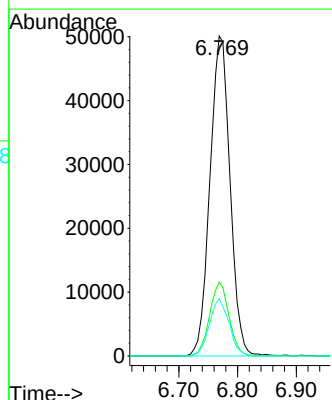
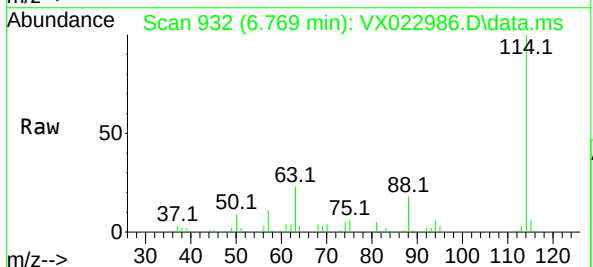
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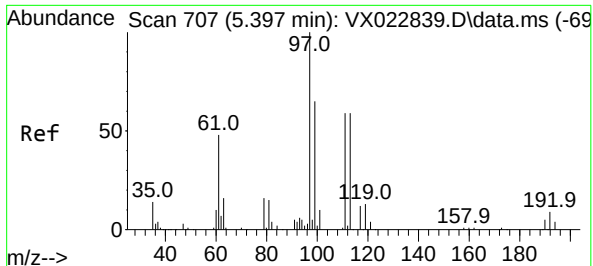
Tgt Ion: 65 Resp: 52884
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion: 114 Resp: 118968
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 17.9 0.0 32.8

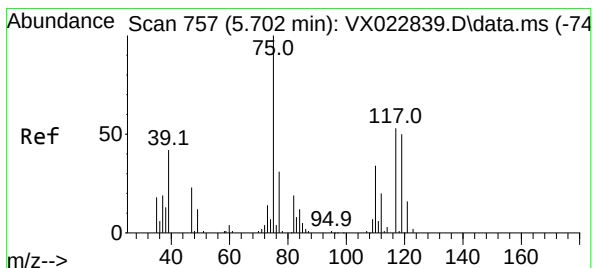
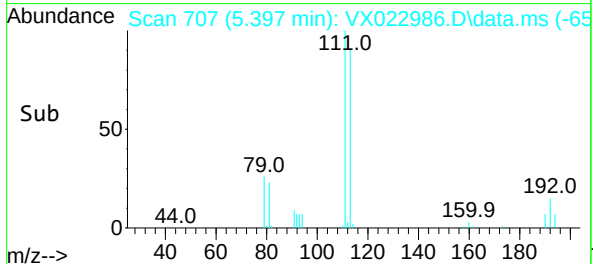
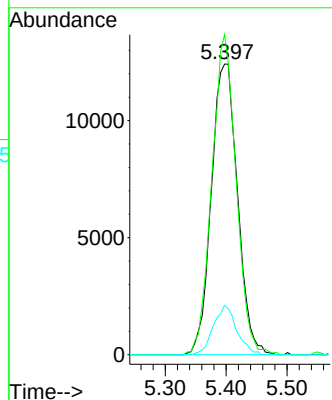
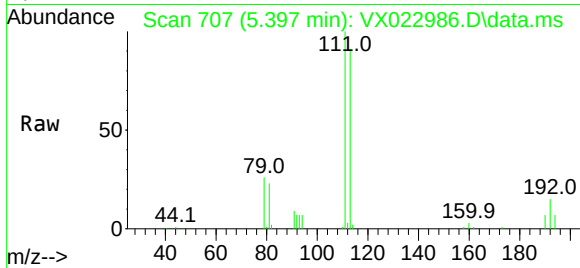




#35
Dibromofluoromethane
Concen: 49.166 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

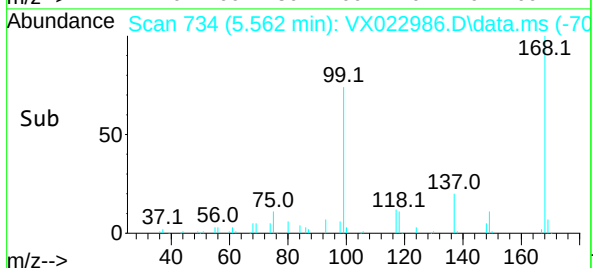
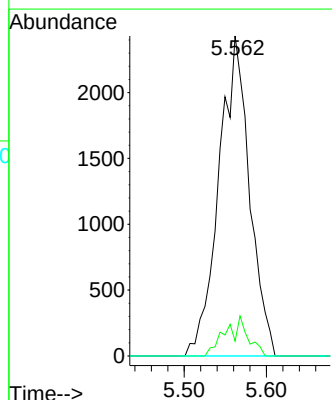
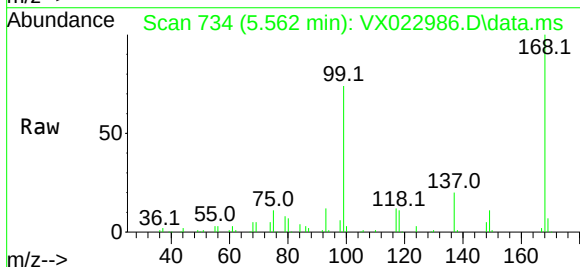
Instrument :
MSVOA_X
ClientSampleId :
MW-11

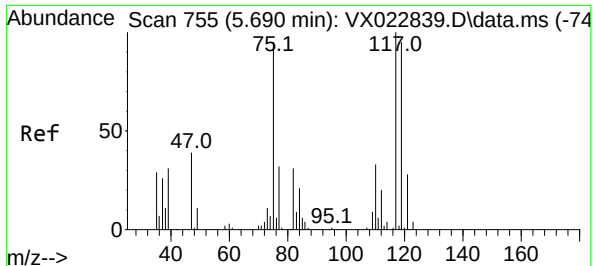
Tgt Ion:113 Resp: 37144
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 15.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

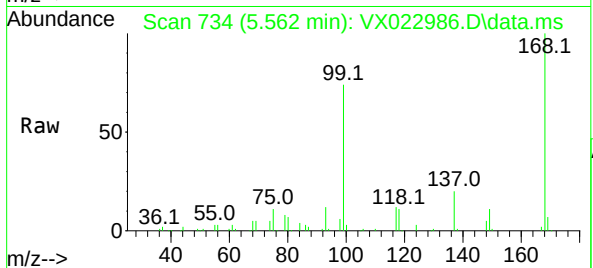
Tgt Ion: 75 Resp: 6292
Ion Ratio Lower Upper
75 100
110 4.8 18.1 54.4#
77 0.0 25.3 37.9#



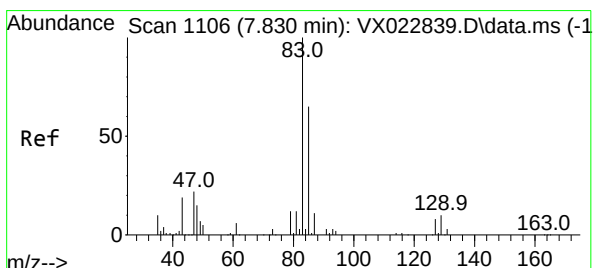
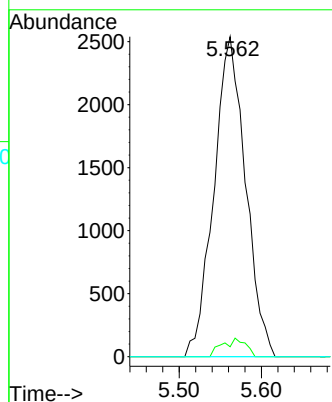
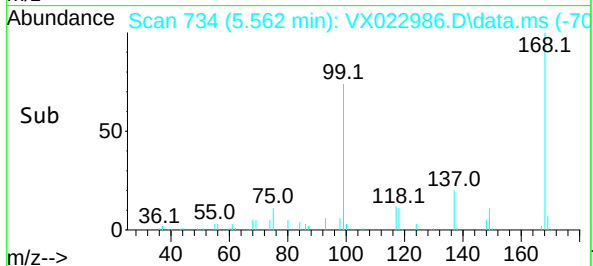


#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

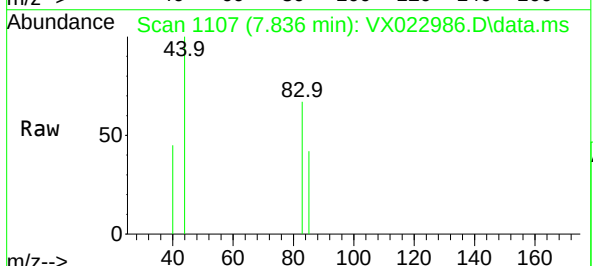
Instrument :
MSVOA_X
ClientSampled :
MW-11



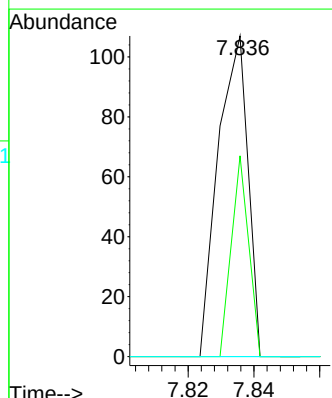
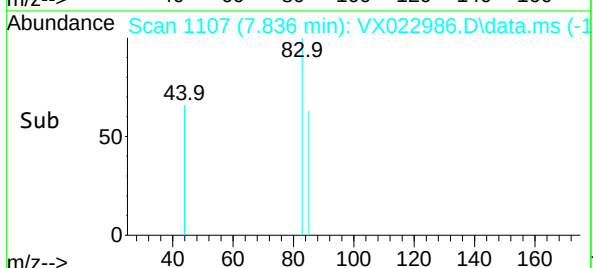
Tgt Ion: 117 Resp: 6787
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#

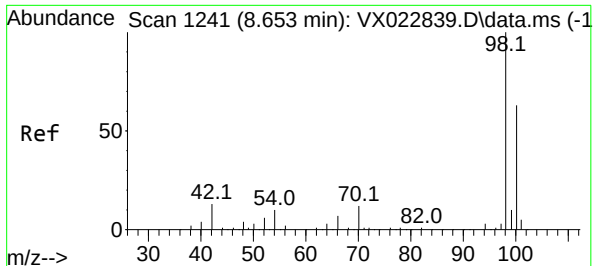


#47
Bromodichloromethane
Concen: 2.984 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10



Tgt Ion: 83 Resp: 67
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.0
127 0.0 6.8 10.2#

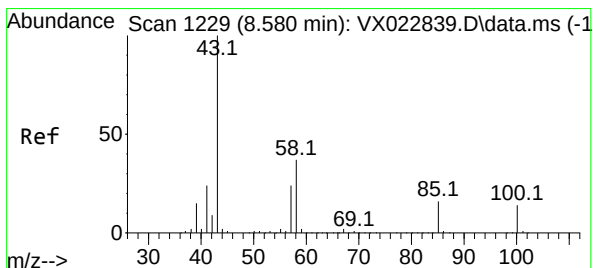
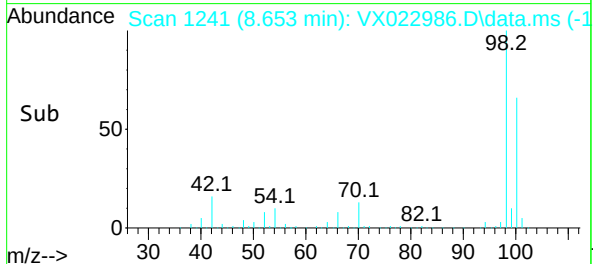
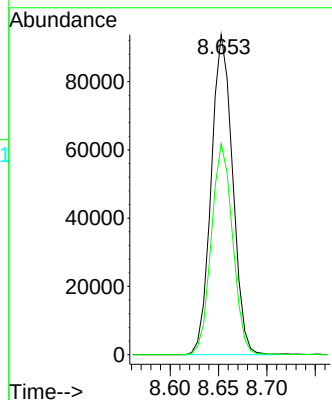
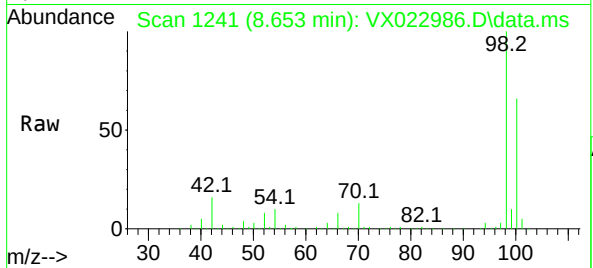




#50
Toluene-d8
Concen: 48.590 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

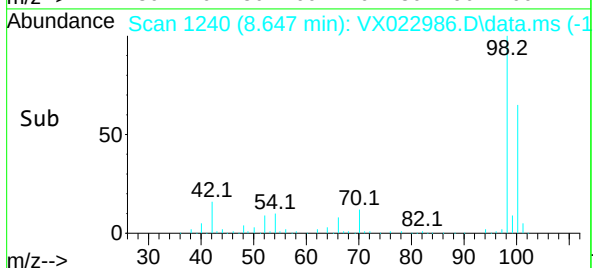
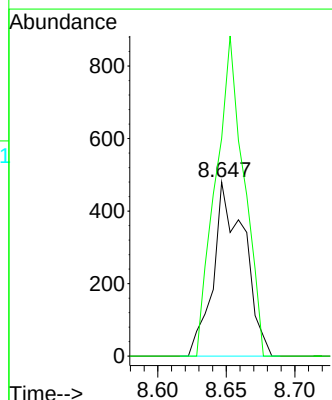
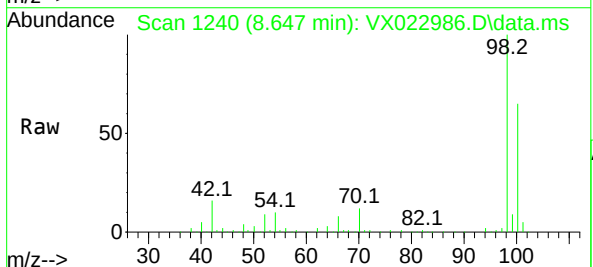
Instrument :
MSVOA_X
ClientSampled :
MW-11

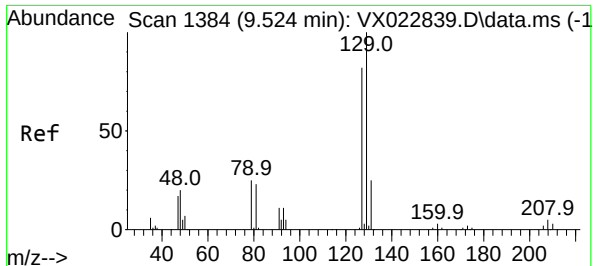
Tgt Ion: 98 Resp: 143867
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 166.7 35.4 53.0#

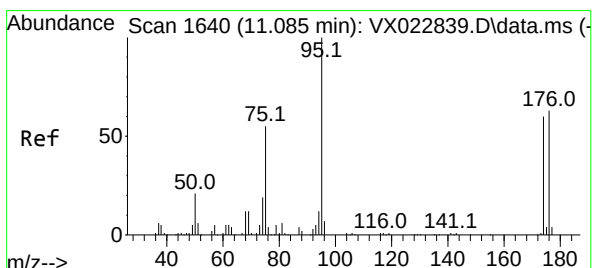
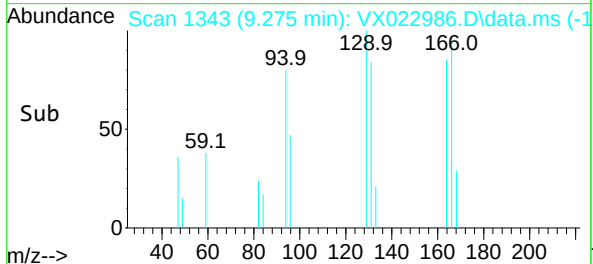
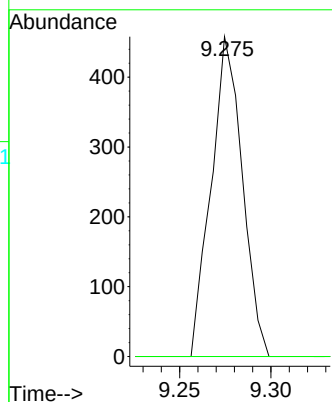
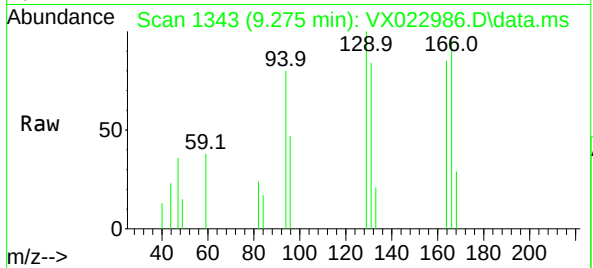




#60
Dibromochloromethane
Concen: 4.231 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

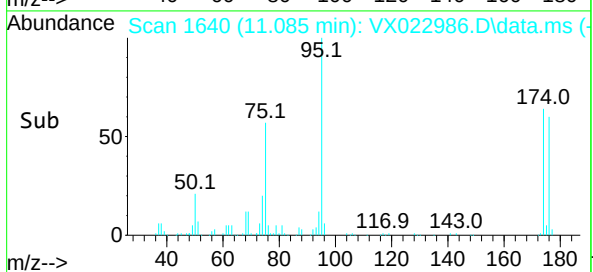
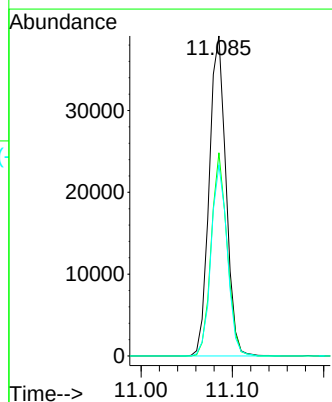
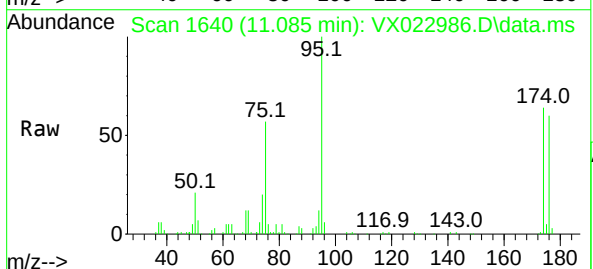
Instrument :
MSVOA_X
ClientSampled :
MW-11

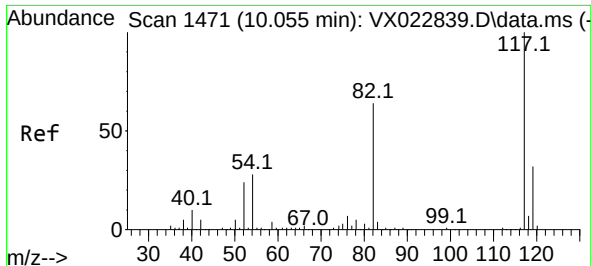
Tgt Ion:129 Resp: 543
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.951 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion: 95 Resp: 49672
Ion Ratio Lower Upper
95 100
174 60.1 0.0 154.6
176 57.7 0.0 155.8

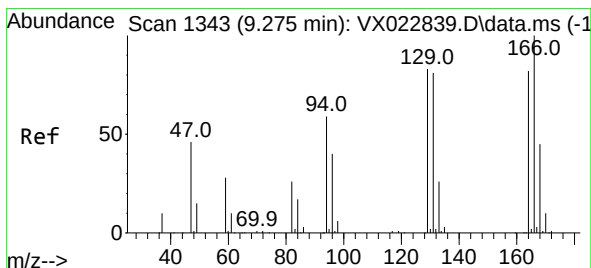
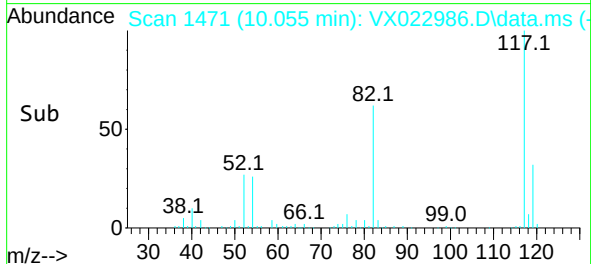
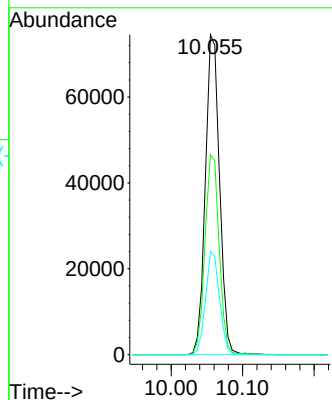
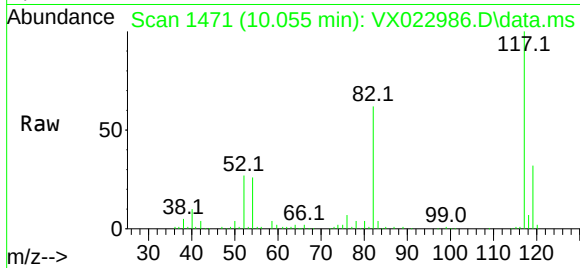




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

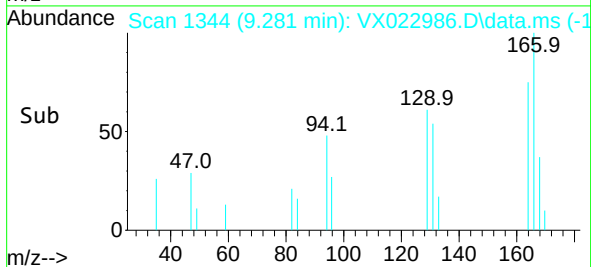
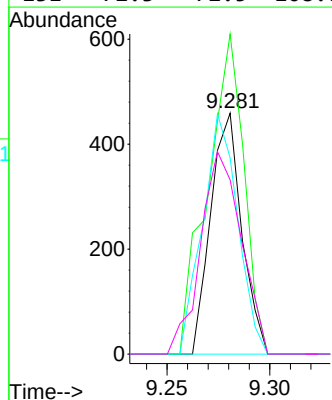
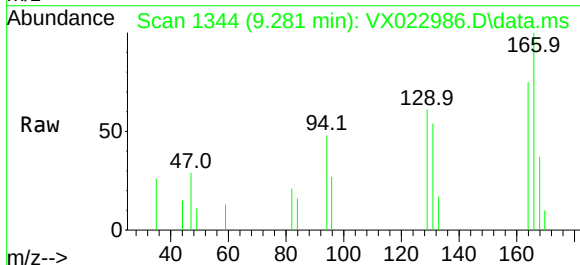
Instrument :
MSVOA_X
ClientSampled :
MW-11

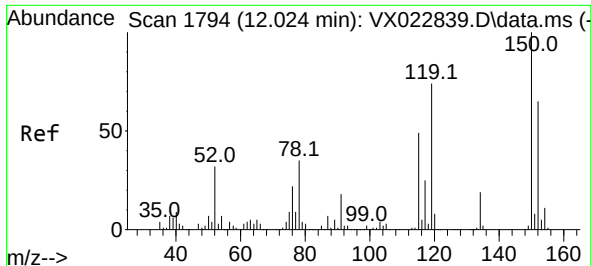
Tgt Ion:	117	Resp:	103071
Ion	Ratio	Lower	Upper
117	100		
82	62.5	47.4	71.2
119	32.3	26.6	39.8



#64
Tetrachloroethene
Concen: 0.664 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion:	164	Resp:	481
Ion	Ratio	Lower	Upper
164	100		
166	132.9	103.4	155.2
129	81.5	70.8	106.2
131	72.3	72.5	108.7

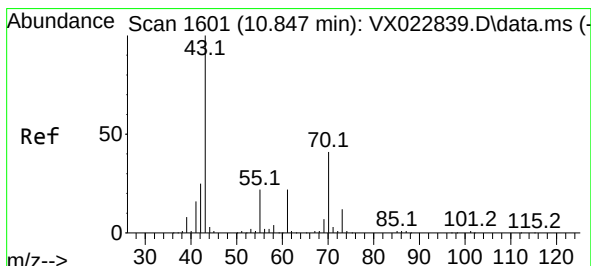
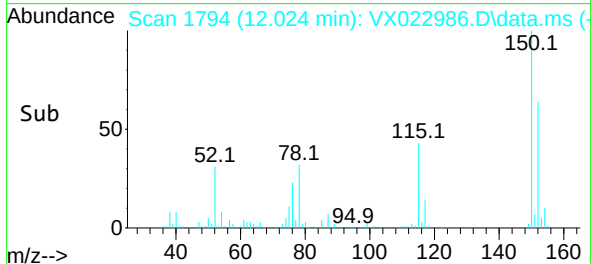
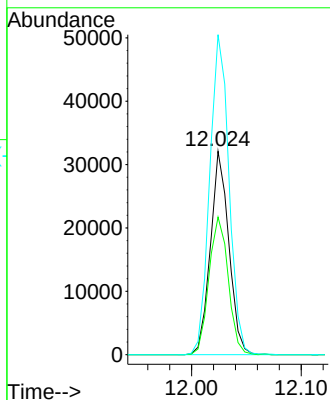
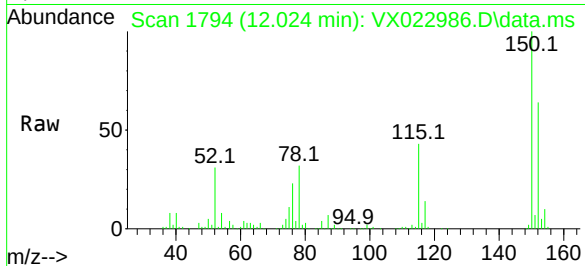




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022986.D
 Acq: 28 Jun 2021 18:10

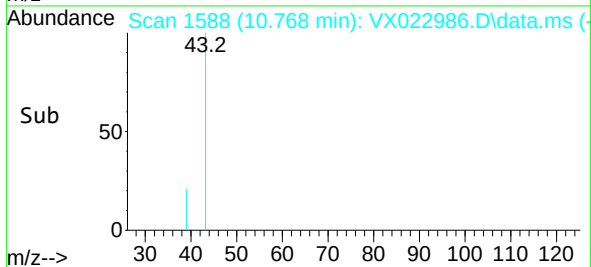
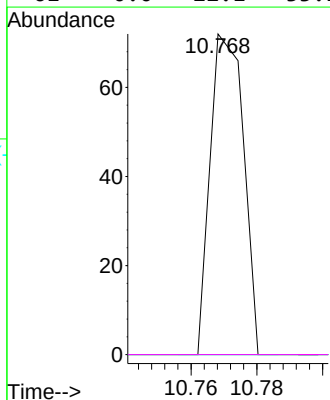
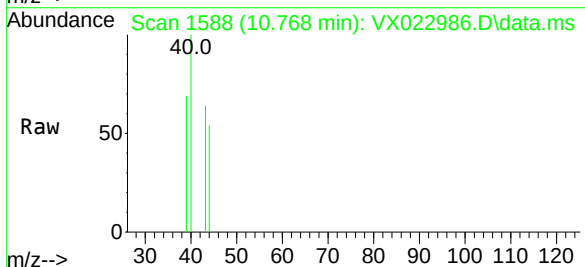
Instrument :
 MSVOA_X
 ClientSampled :
 MW-11

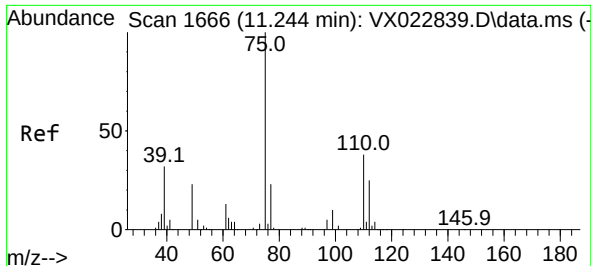
Tgt Ion:152 Resp: 37546
 Ion Ratio Lower Upper
 152 100
 115 70.4 41.1 123.3
 150 164.4 0.0 349.0



#74
 N-ethyl acetate
 Concen: 2.082 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.079 min
 Lab File: VX022986.D
 Acq: 28 Jun 2021 18:10

Tgt Ion: 43 Resp: 50
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 0.0 21.5 32.3#
 61 0.0 22.1 33.1#

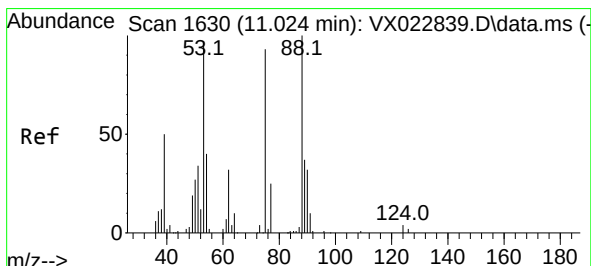
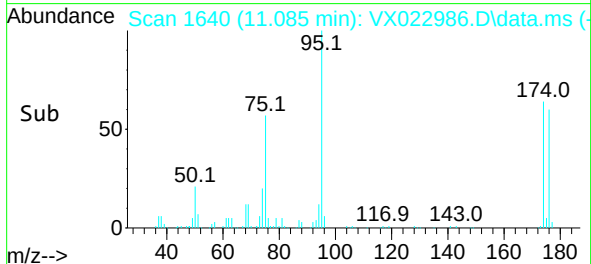
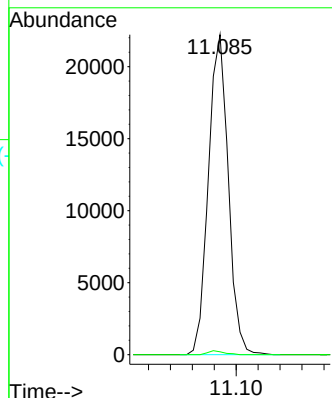
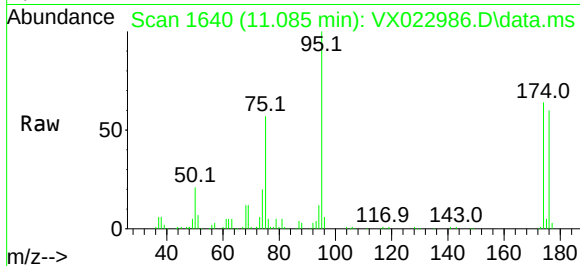




#76
1,2,3-Trichloropropane
Concen: 28.177 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

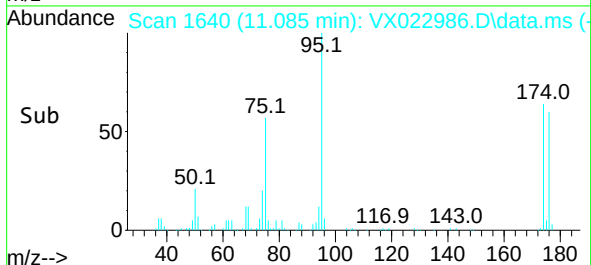
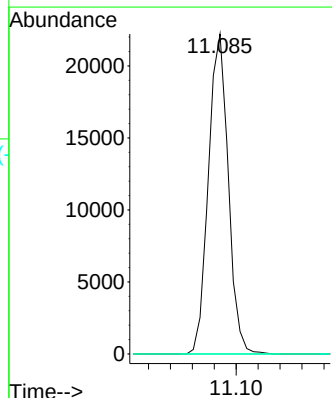
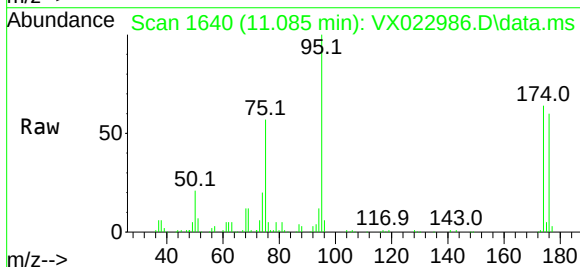
Instrument :
MSVOA_X
ClientSampled :
MW-11

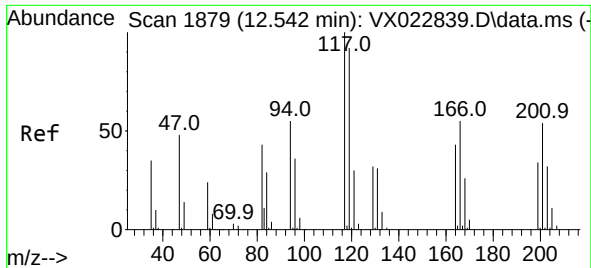
Tgt Ion: 75 Resp: 27944
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.707 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion: 75 Resp: 27944
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

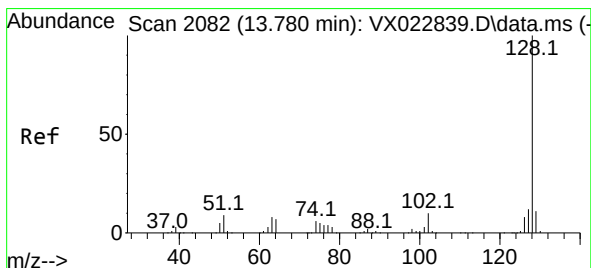
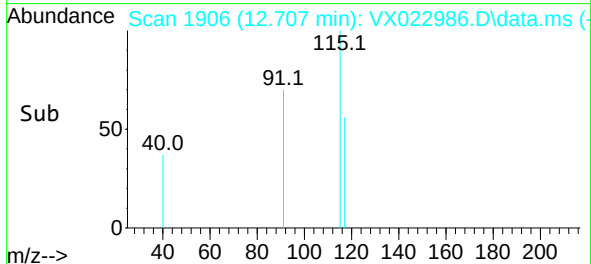
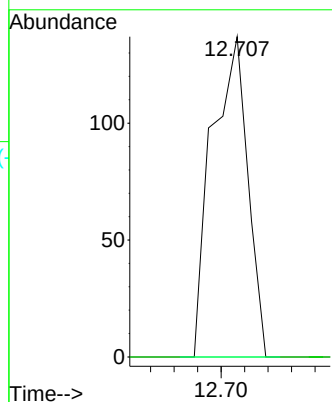
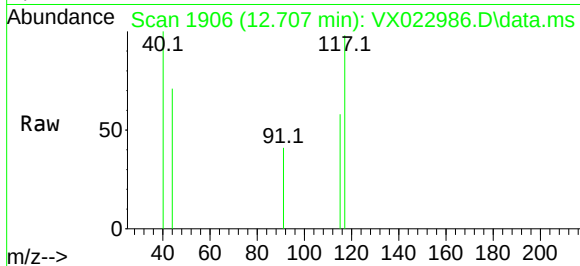




#90
Hexachloroethane
Concen: 3.985 ug/l
RT: 12.707 min Scan# 1906
Delta R.T. 0.165 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Instrument :
MSVOA_X
ClientSampled :
MW-11

Tgt Ion:117 Resp: 145
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.994 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022986.D
Acq: 28 Jun 2021 18:10

Tgt Ion:128 Resp: 227
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

