

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022988.D
 Acq On : 28 Jun 2021 18:57
 Operator : JC/MD
 Sample : M2875-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Quant Time: Jun 29 03:08:24 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)

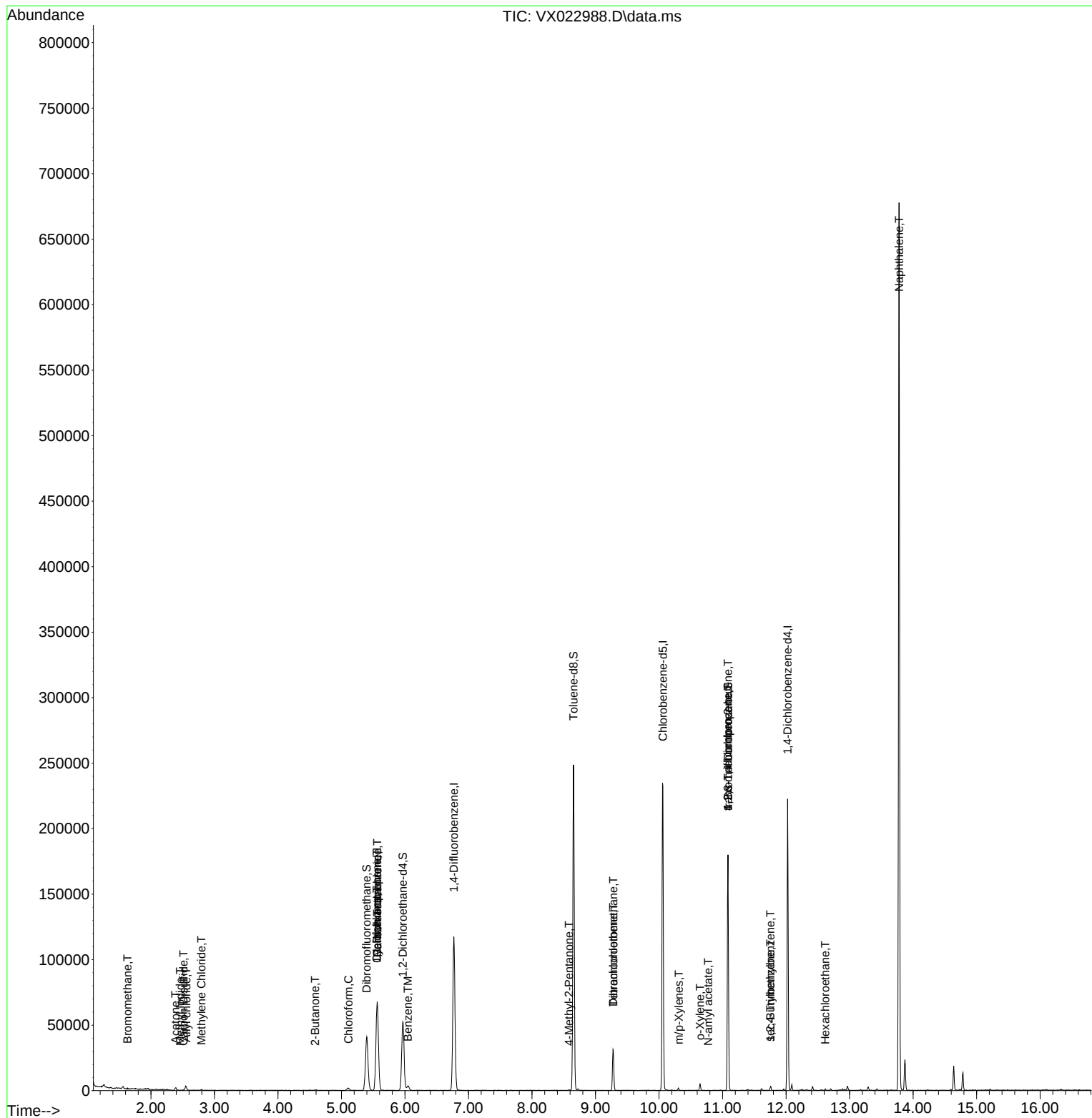
Internal Standards						
1) Pentafluorobenzene	5.562	168	54961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49625	49.753	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.500%		
35) Dibromofluoromethane	5.397	113	34026	47.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.653	98	137615	49.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.085	95	46821	45.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.200%		
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	118	0.273	ug/l	# 69
10) Methyl Iodide	2.459	142	43	3.925	ug/l	# 42
14) Allyl chloride	2.556	41	329	0.243	ug/l	# 1
16) Acetone	2.386	43	2030	4.591	ug/l	# 80
17) Carbon Disulfide	2.514	76	70	3.549	ug/l	# 75
20) Methylene Chloride	2.794	84	360	0.780	ug/l	# 68
25) 2-Butanone	4.586	43	258	0.375	ug/l	# 45
30) Chloroform	5.111	83	2107	1.391	ug/l	87
31) Cyclohexane	5.556	56	1780	1.264	ug/l	# 18
36) 1,1-Dichloropropene	5.556	75	5499	4.632	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	6675	6.703	ug/l	# 16
40) Benzene	6.043	78	3880	1.133	ug/l	# 89
51) 4-Methyl-2-Pentanone	8.580	43	297	0.216	ug/l	# 56
60) Dibromochloromethane	9.281	129	5367	9.767	ug/l	# 11
64) Tetrachloroethene	9.281	164	4891	6.967	ug/l	92
68) m/p-Xylenes	10.311	106	485	0.337	ug/l	84
69) o-Xylene	10.646	106	1109	0.792	ug/l	96
74) N-amyl acetate	10.774	43	19	2.065	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	26011	26.468	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26011	68.693	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.756	105	1538	0.591	ug/l	96
85) sec-Butylbenzene	11.756	105	1538	0.467	ug/l	# 57
90) Hexachloroethane	12.615	117	106	3.913	ug/l	# 9
95) Naphthalene	13.780	128	366377	118.083	ug/l	99

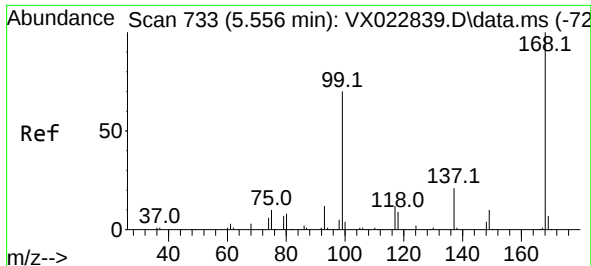
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
Data File : VX022988.D
Acq On : 28 Jun 2021 18:57
Operator : JC/MD
Sample : M2875-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

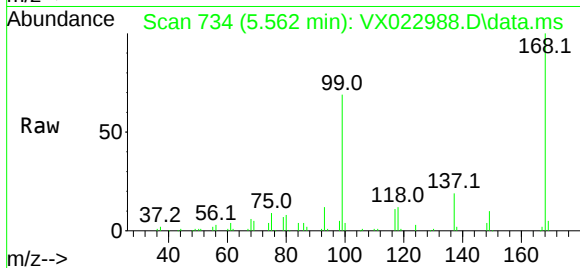
Quant Time: Jun 29 03:08:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



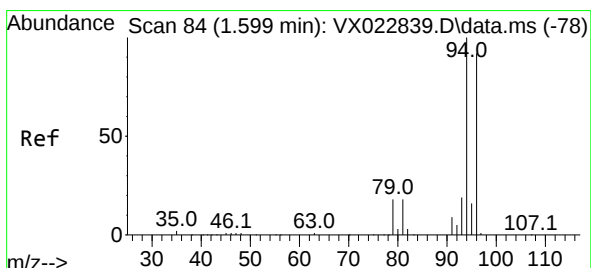
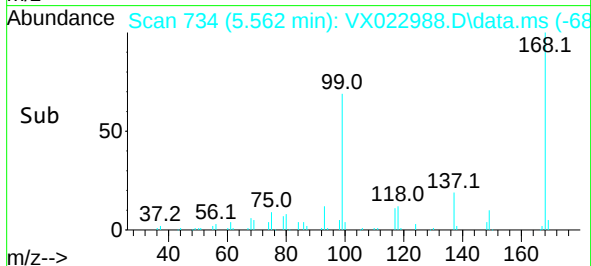
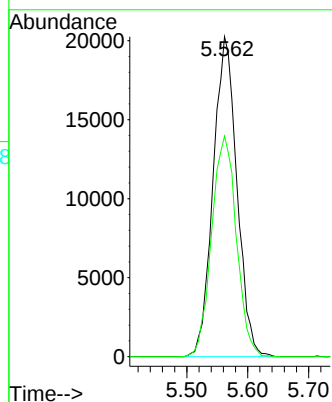


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

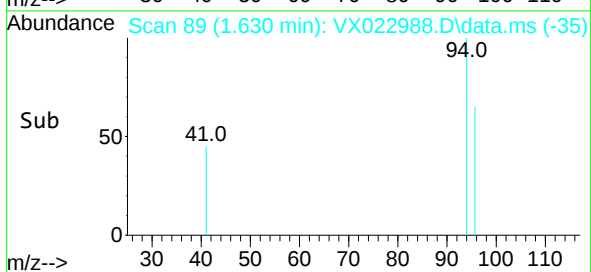
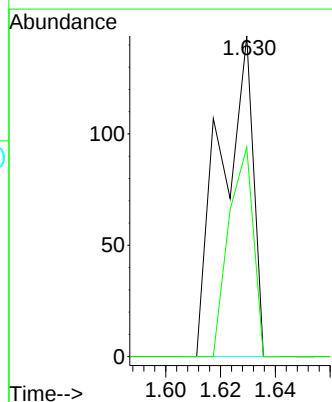
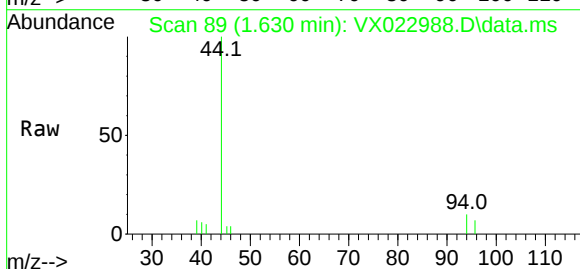


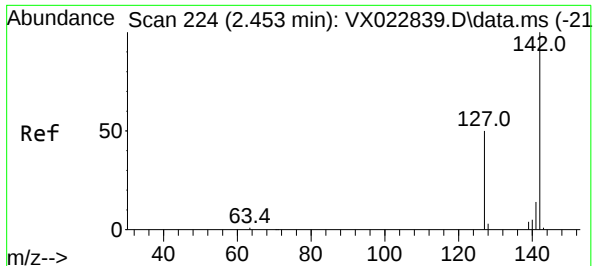
Tgt Ion:168 Resp: 54961
Ion Ratio Lower Upper
168 100
99 69.0 45.8 68.6#



#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 94 Resp: 118
Ion Ratio Lower Upper
94 100
96 65.3 76.4 114.6#

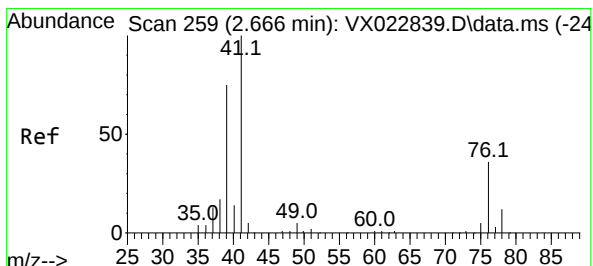
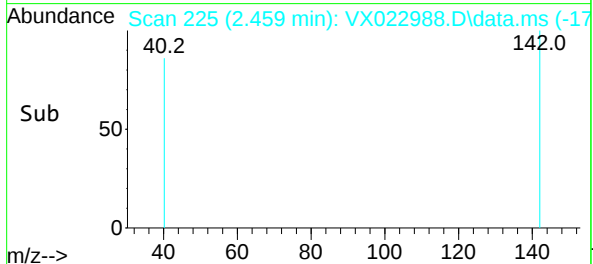
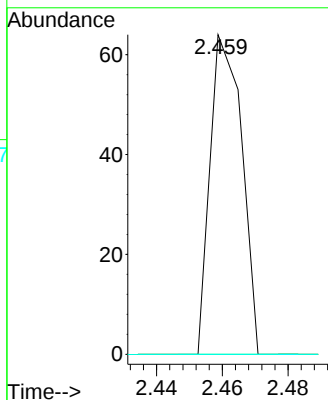
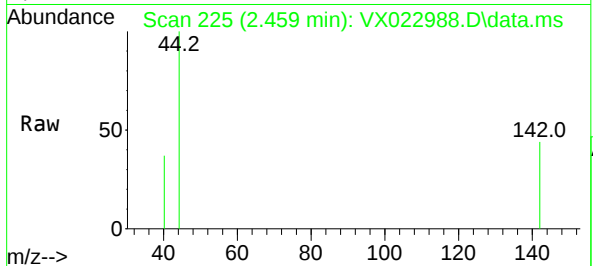




#10
Methyl Iodide
Concen: 3.925 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

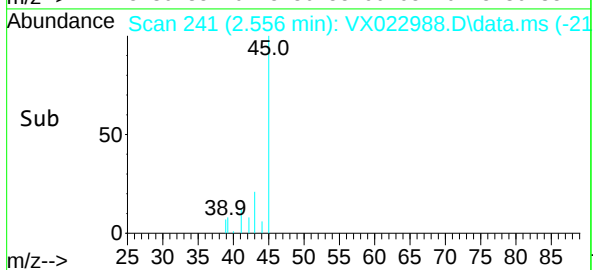
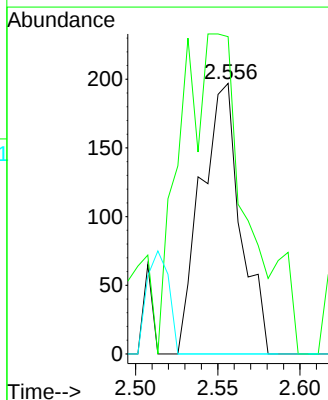
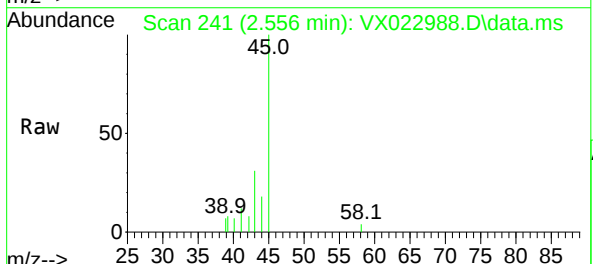
Instrument :
MSVOA_X
ClientSampled :
MW-10D

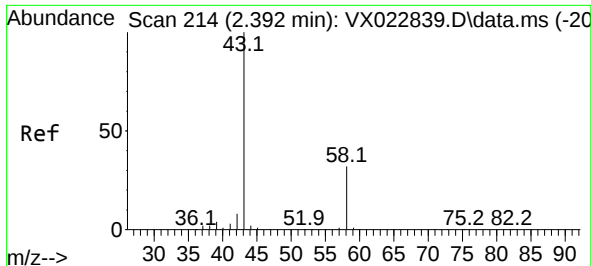
Tgt Ion:142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#14
Allyl chloride
Concen: 0.243 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 41 Resp: 329
Ion Ratio Lower Upper
41 100
39 200.9 51.6 77.4#
76 0.0 30.5 45.7#

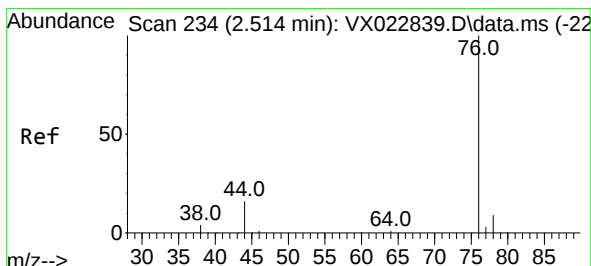
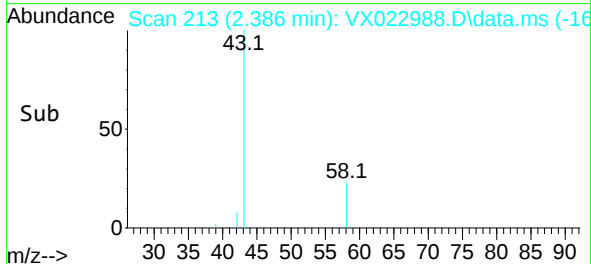
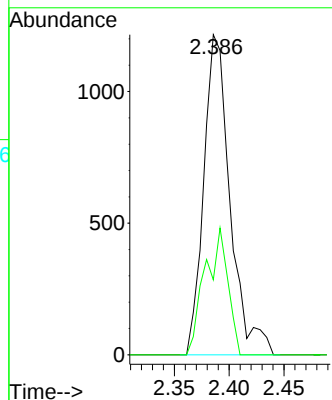
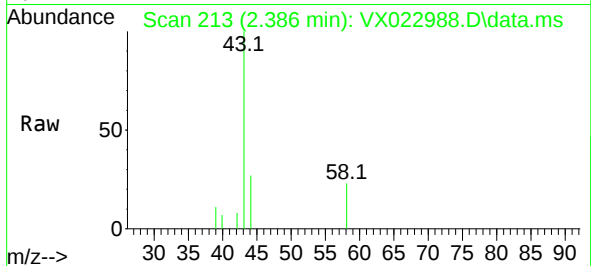




#16
Acetone
Concen: 4.591 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

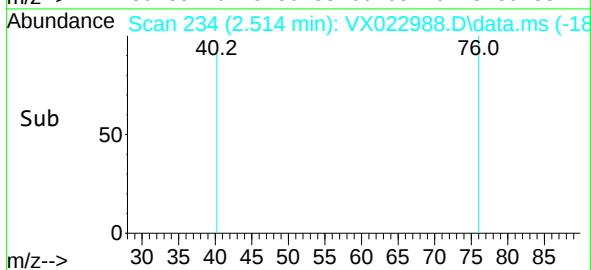
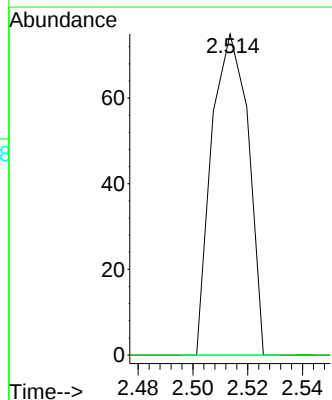
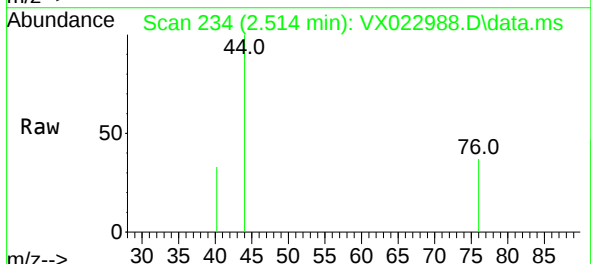
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

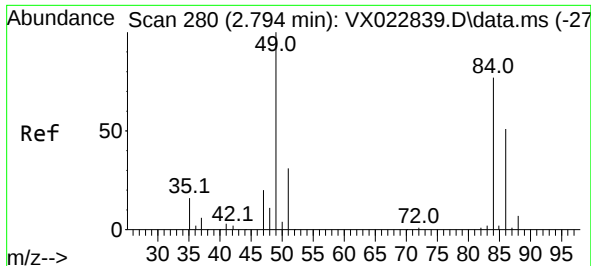
Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 23.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.549 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 76 Resp: 70
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.780 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022988.D

Acq: 28 Jun 2021 18:57

Tgt Ion: 84 Resp: 360

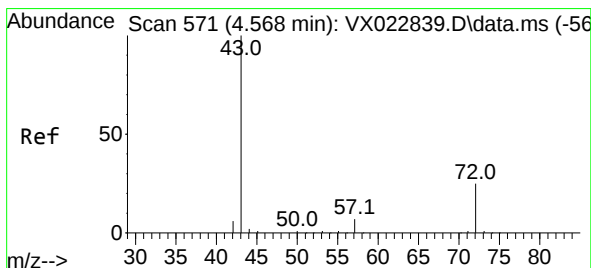
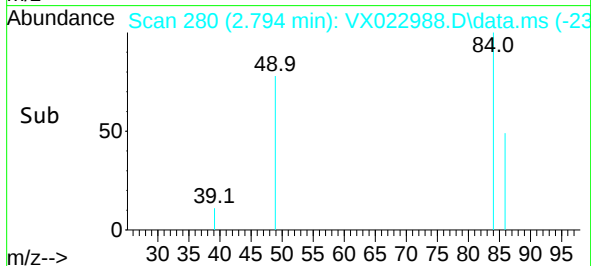
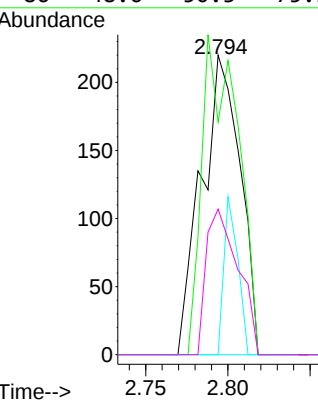
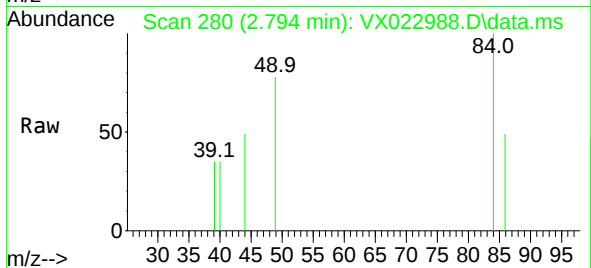
Ion Ratio Lower Upper

84 100

49 77.7 88.6 132.8#

51 0.0 27.0 40.6#

86 48.6 50.3 75.5#



#25

2-Butanone

Concen: 0.375 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX022988.D

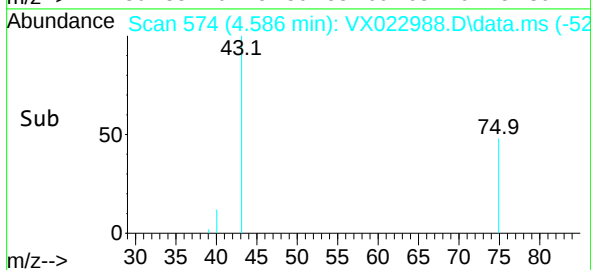
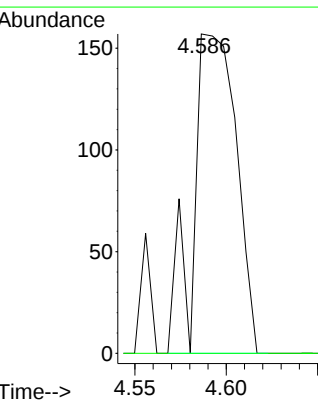
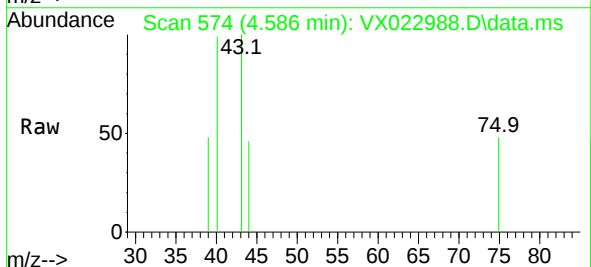
Acq: 28 Jun 2021 18:57

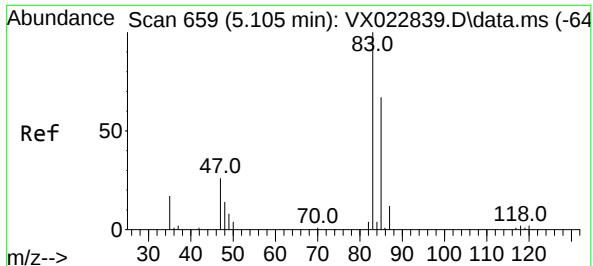
Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#30

Chloroform

Concen: 1.391 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX022988.D

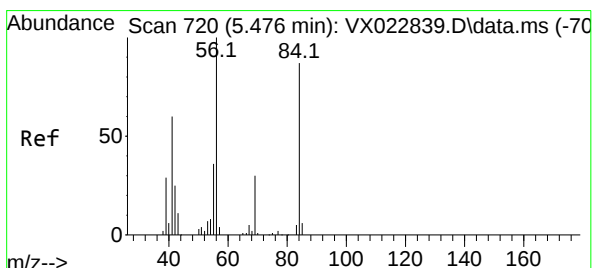
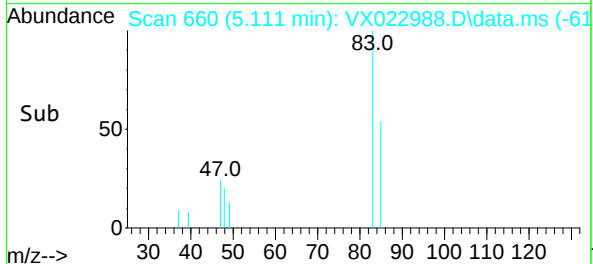
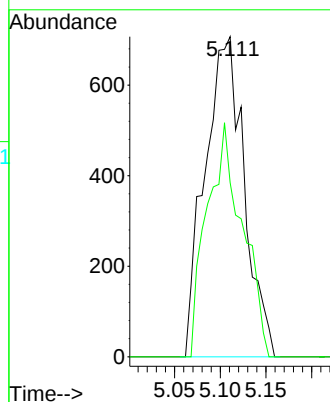
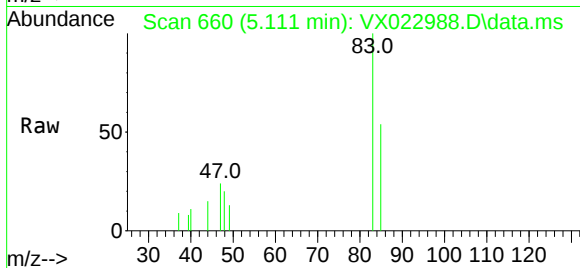
Acq: 28 Jun 2021 18:57

Tgt Ion: 83 Resp: 2107

Ion Ratio Lower Upper

83 100

85 54.5 52.0 78.0



#31

Cyclohexane

Concen: 1.264 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022988.D

Acq: 28 Jun 2021 18:57

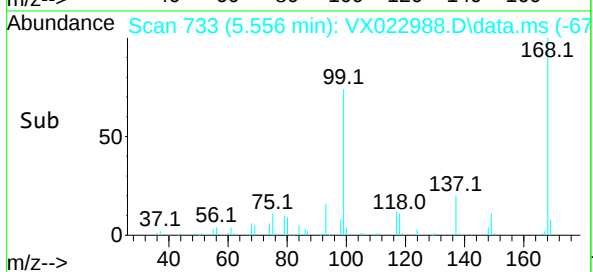
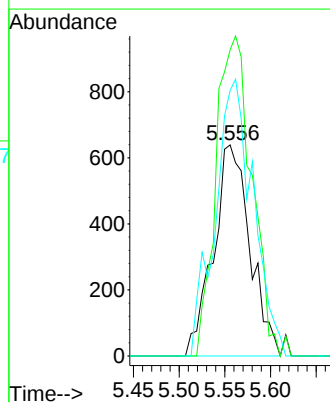
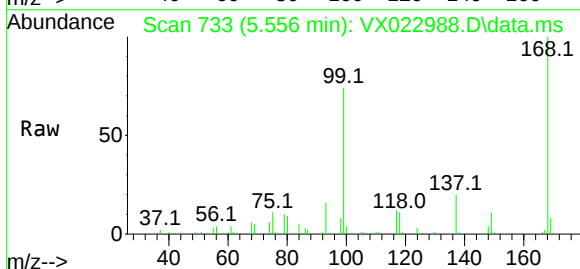
Tgt Ion: 56 Resp: 1780

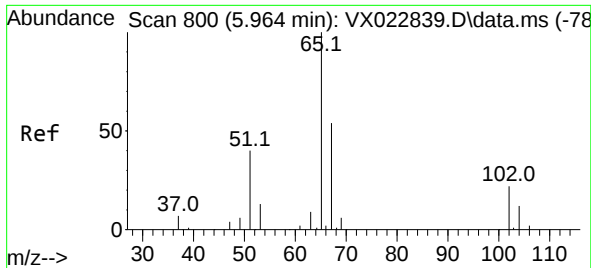
Ion Ratio Lower Upper

56 100

69 145.1 25.3 37.9#

84 125.8 71.4 107.0#

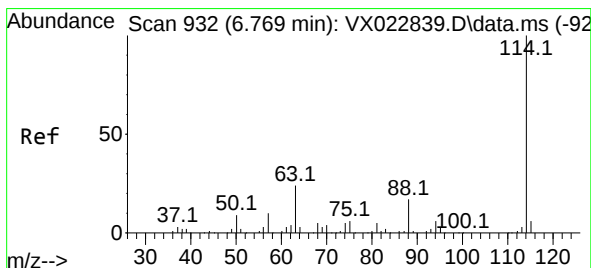
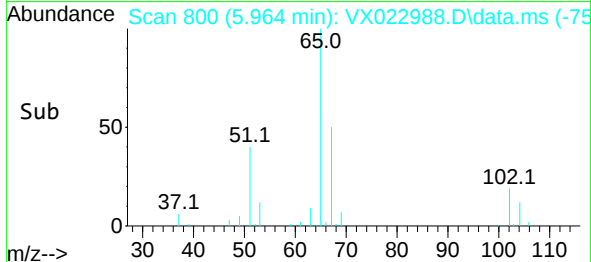
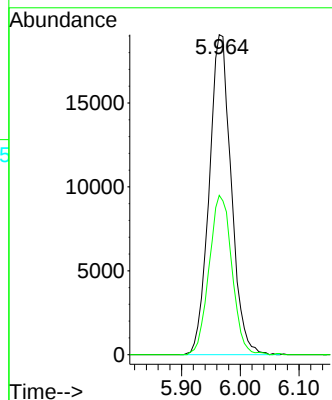
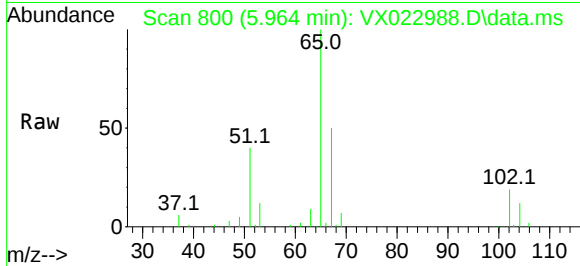




#33
1,2-Dichloroethane-d4
Concen: 49.753 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

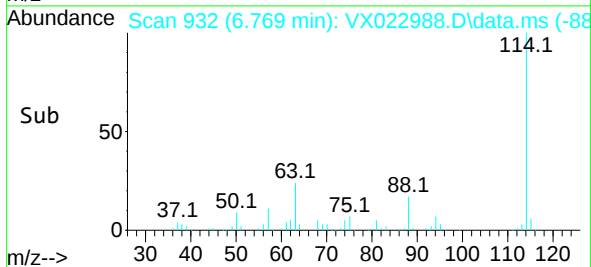
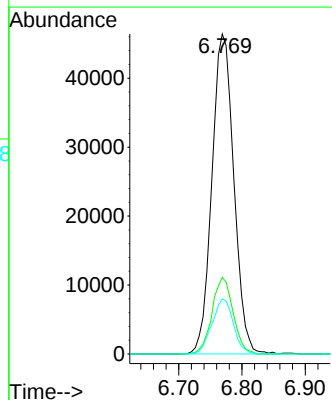
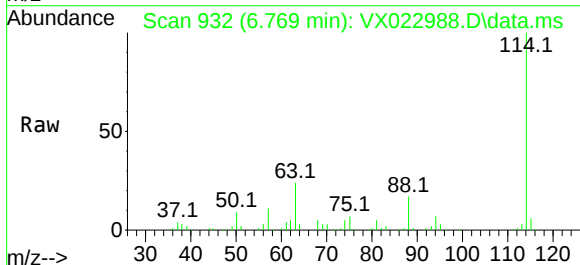
Instrument :
MSVOA_X
ClientSampled :
MW-10D

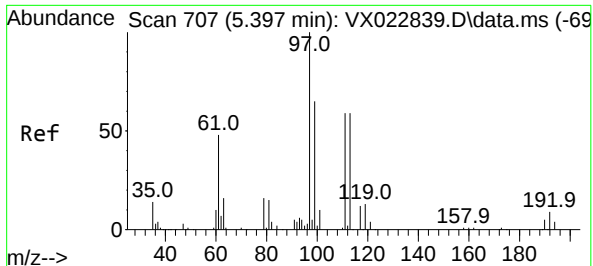
Tgt Ion: 65 Resp: 49625
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 114 Resp: 111778
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.936 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022988.D

Acq: 28 Jun 2021 18:57

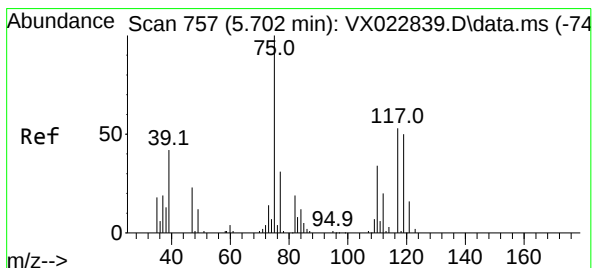
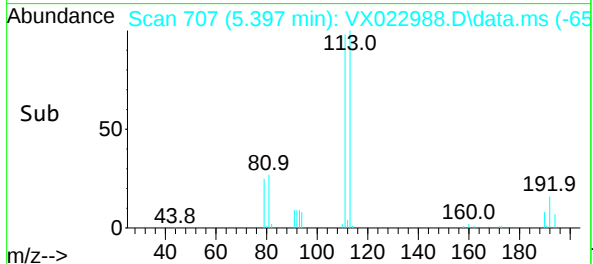
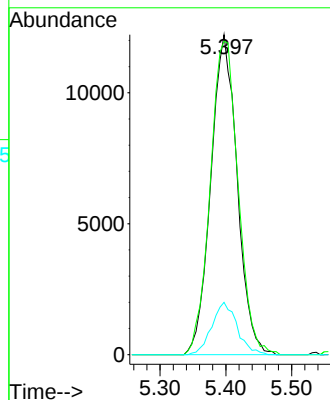
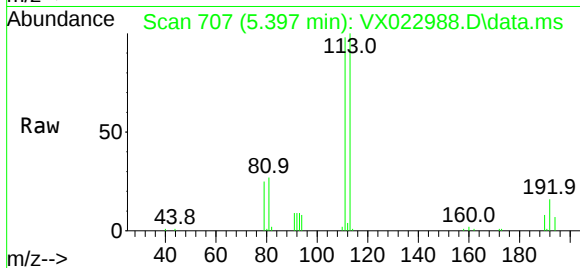
Tgt Ion:113 Resp: 34026

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.632 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022988.D

Acq: 28 Jun 2021 18:57

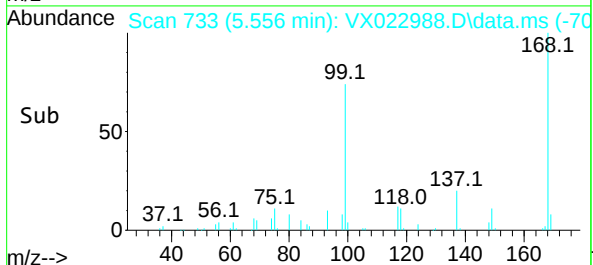
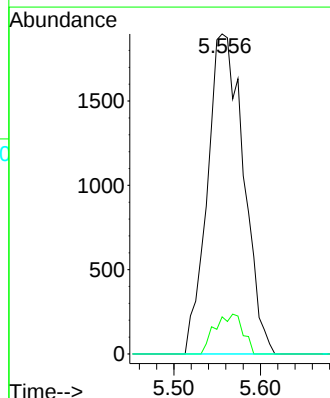
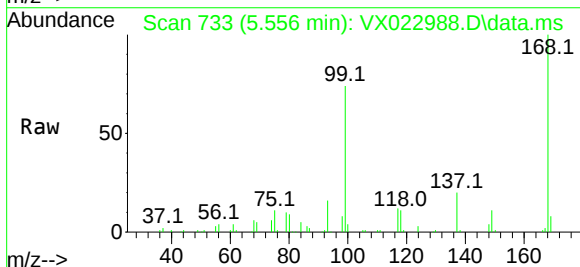
Tgt Ion: 75 Resp: 5499

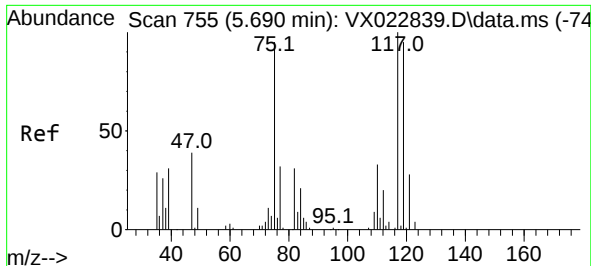
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

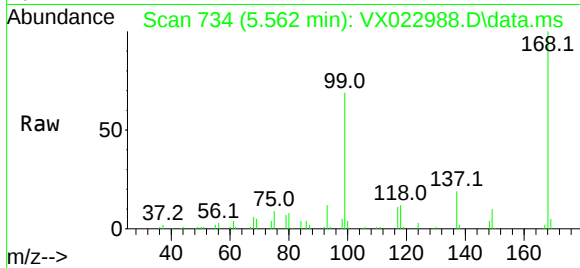
77 0.0 25.3 37.9#



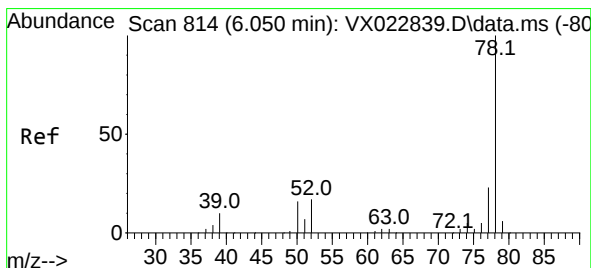
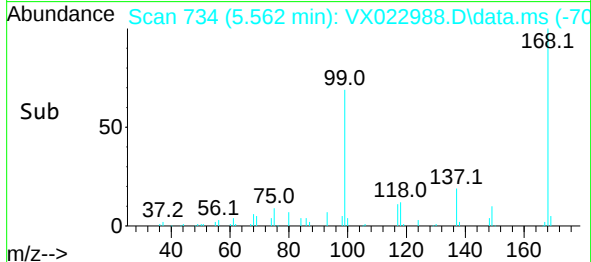
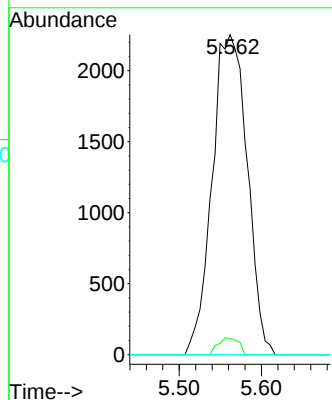


#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

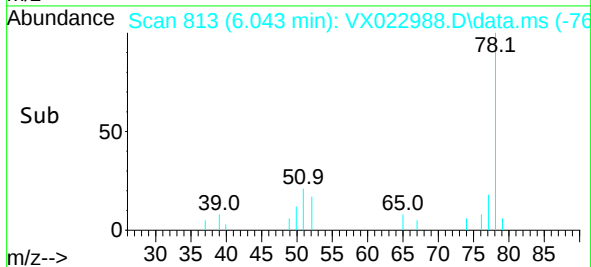
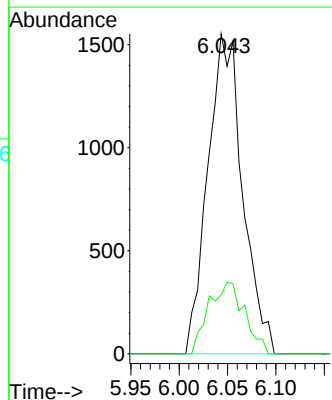
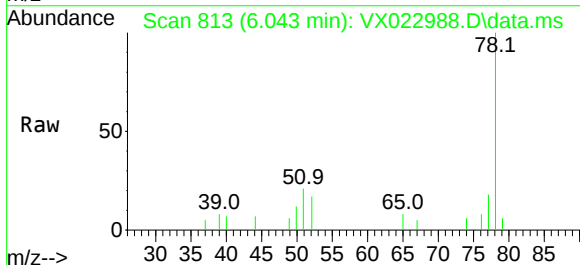


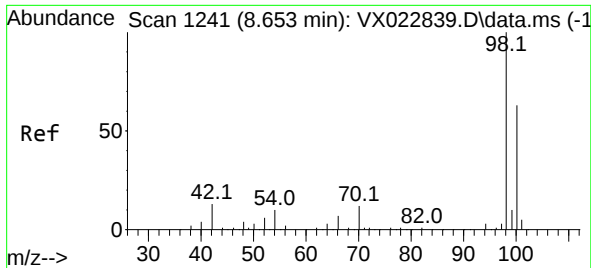
Tgt Ion:117 Resp: 6675
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 1.133 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 78 Resp: 3880
Ion Ratio Lower Upper
78 100
77 18.4 18.9 28.3#

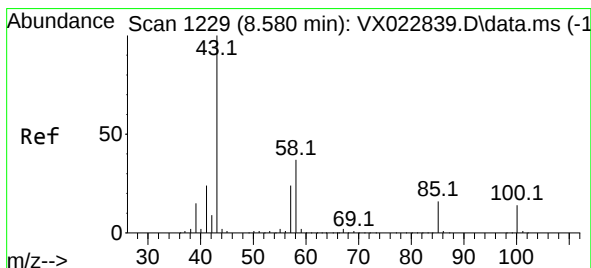
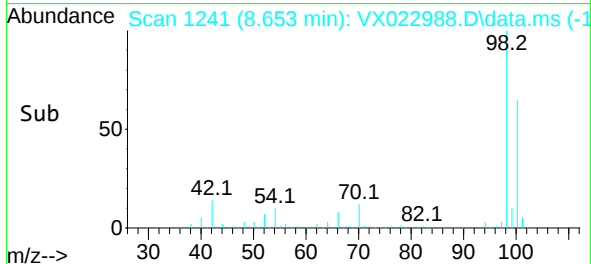
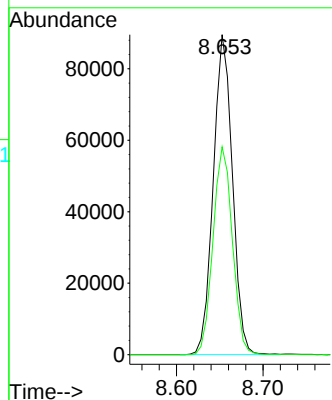
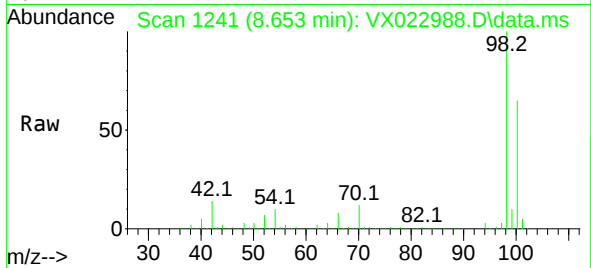




#50
Toluene-d8
Concen: 49.468 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

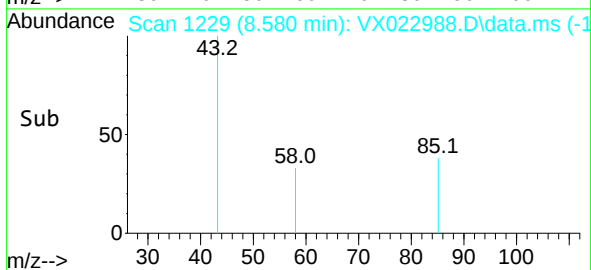
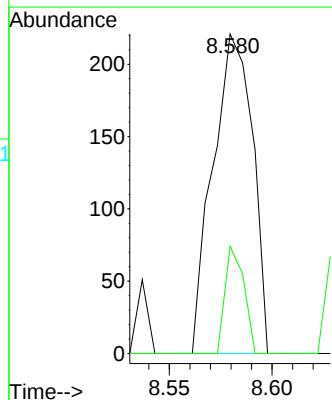
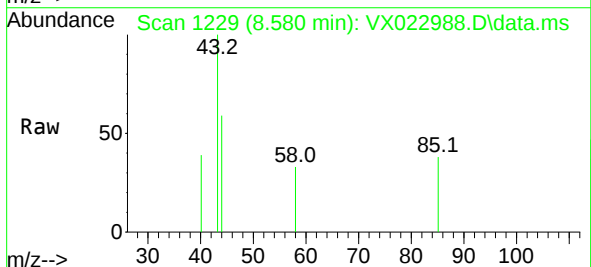
Instrument :
MSVOA_X
ClientSampled :
MW-10D

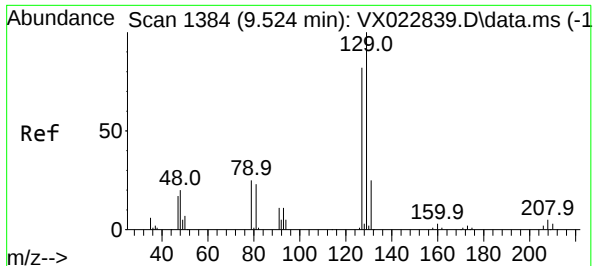
Tgt Ion: 98 Resp: 137615
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.216 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 15.8 35.4 53.0#

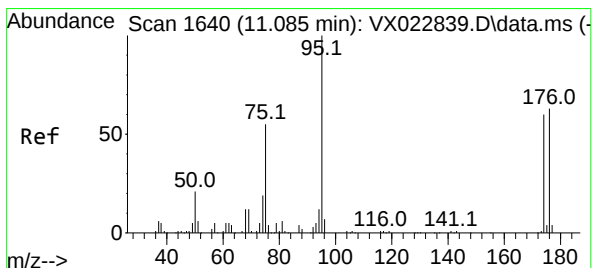
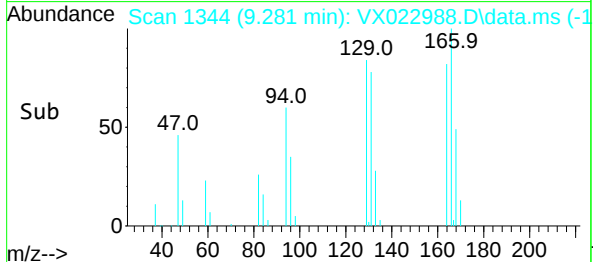
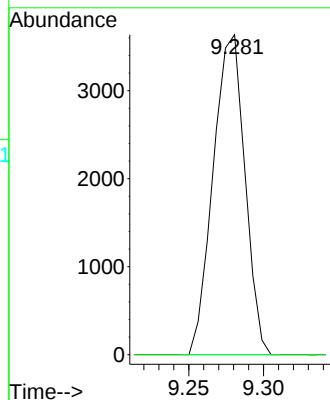
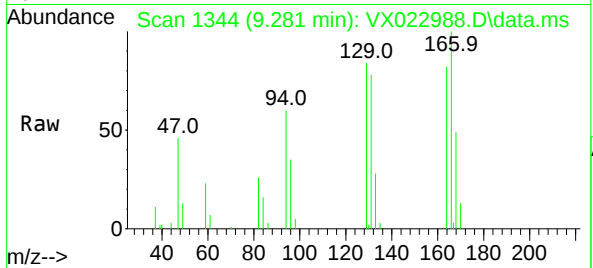




#60
Dibromochloromethane
Concen: 9.767 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

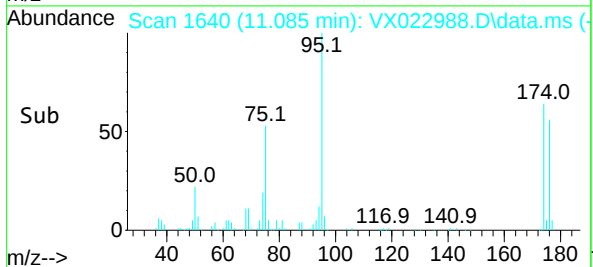
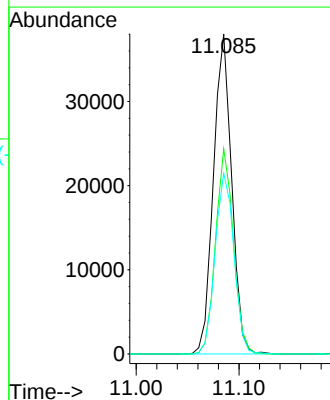
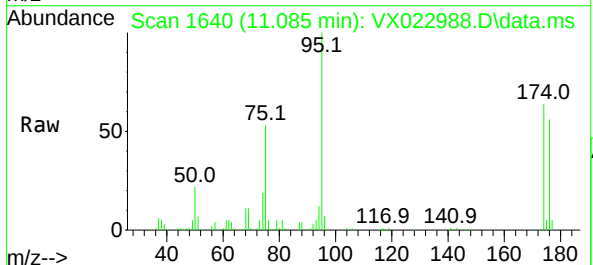
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

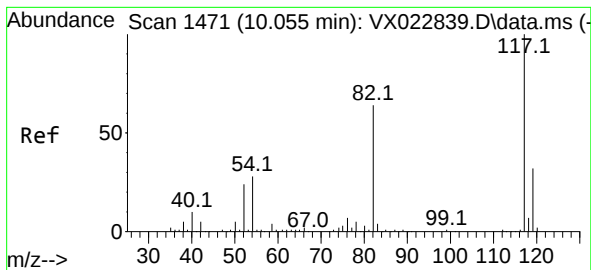
Tgt Ion:129 Resp: 5367
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.097 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 95 Resp: 46821
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 58.4 0.0 155.8

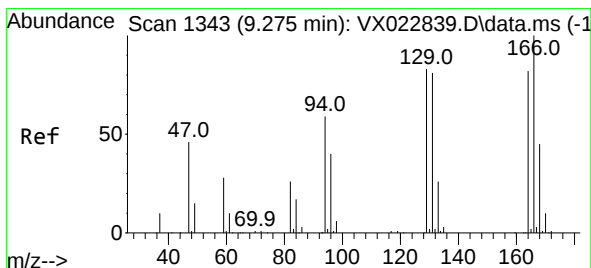
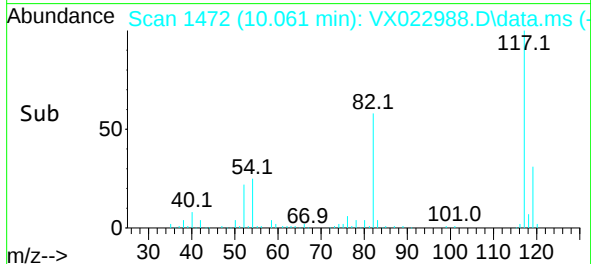
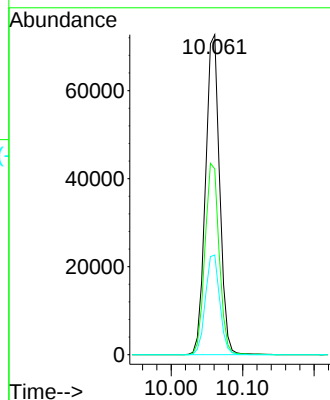
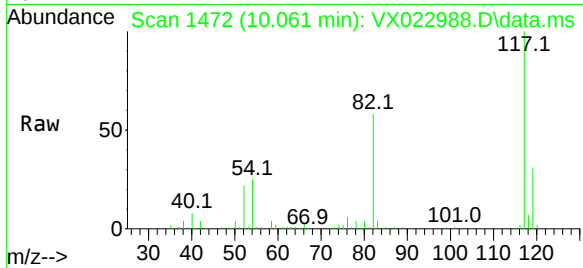




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

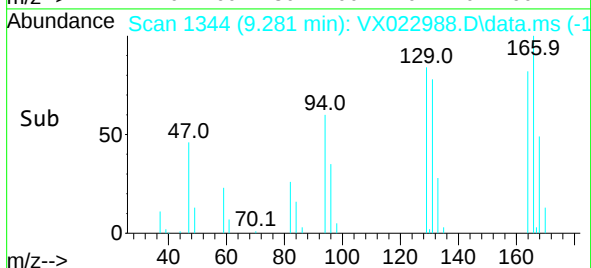
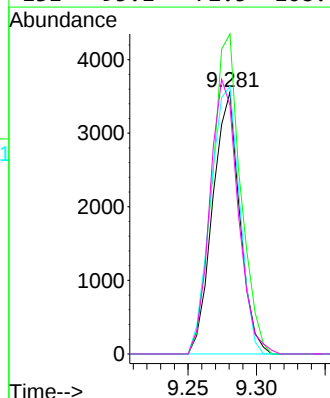
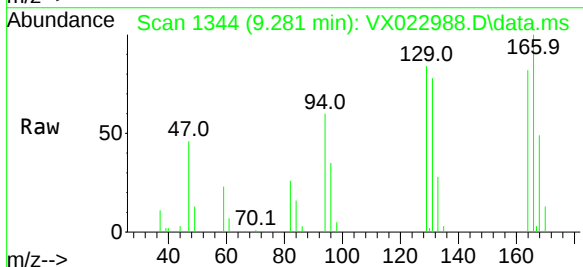
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

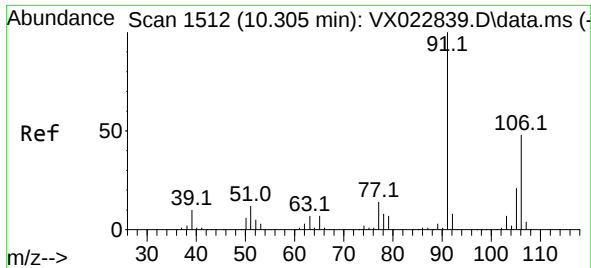
Tgt Ion:	117	Resp:	99897
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	31.2	26.6	39.8



#64
Tetrachloroethene
Concen: 6.967 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion:	164	Resp:	4891
Ion	Ratio	Lower	Upper
164	100		
166	122.3	103.4	155.2
129	102.2	70.8	106.2
131	95.1	72.5	108.7

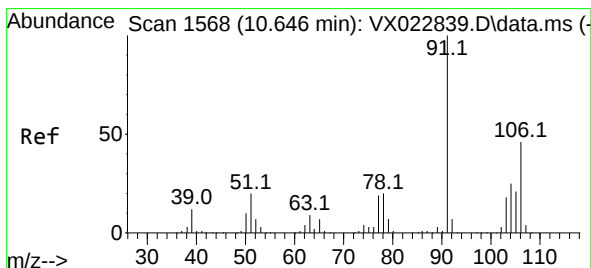
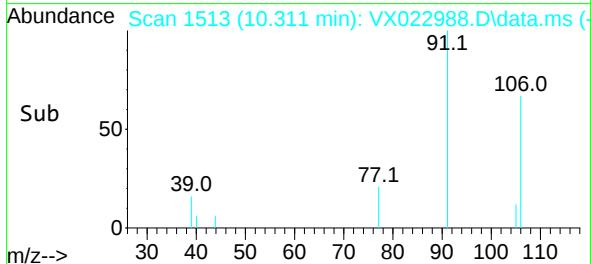
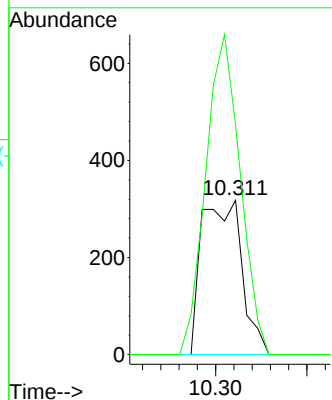
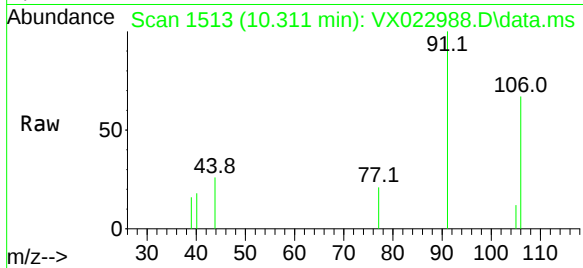




#68
m/p-Xylenes
Concen: 0.337 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

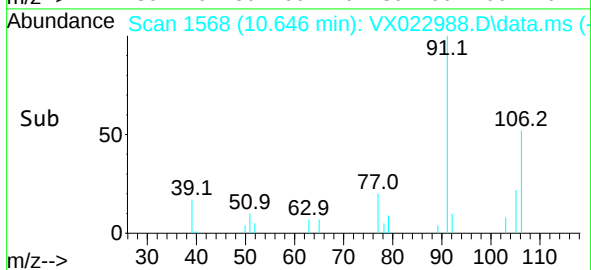
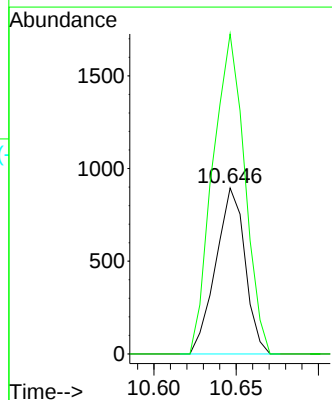
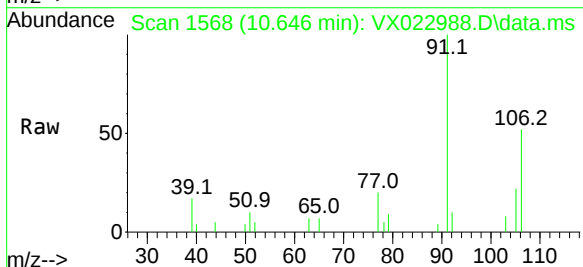
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

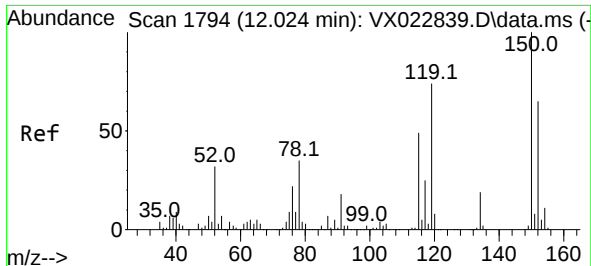
Tgt Ion:106 Resp: 485
Ion Ratio Lower Upper
106 100
91 178.4 162.8 244.2



#69
o-Xylene
Concen: 0.792 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion:106 Resp: 1109
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.2

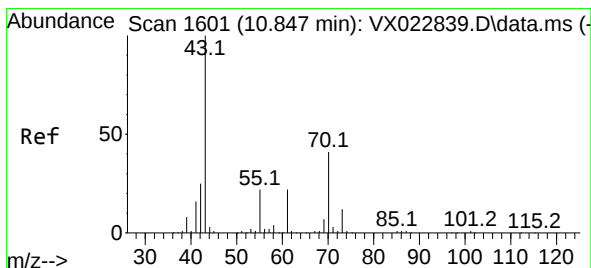
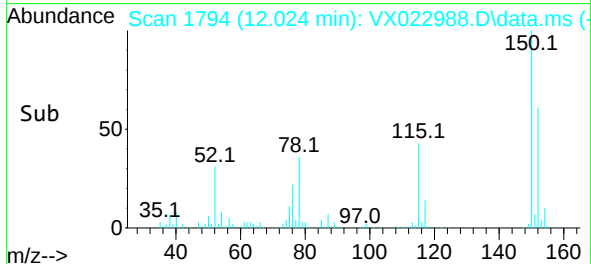
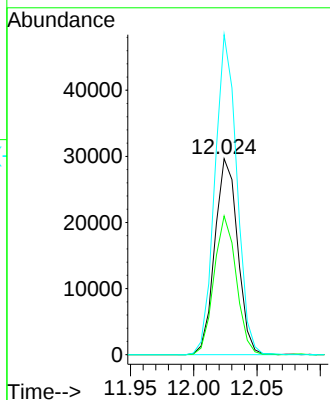
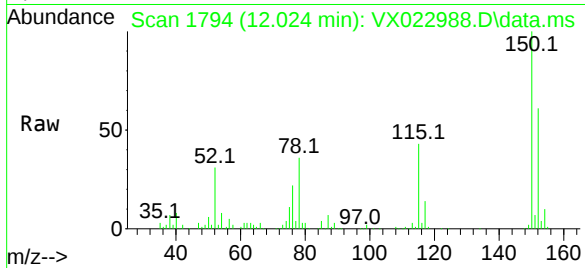




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022988.D
 Acq: 28 Jun 2021 18:57

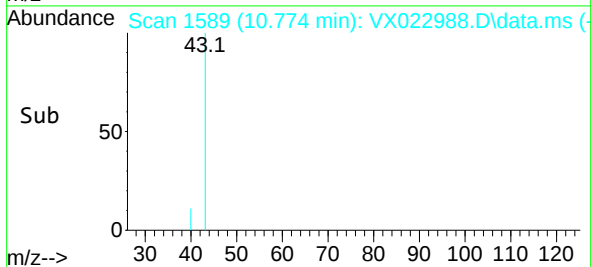
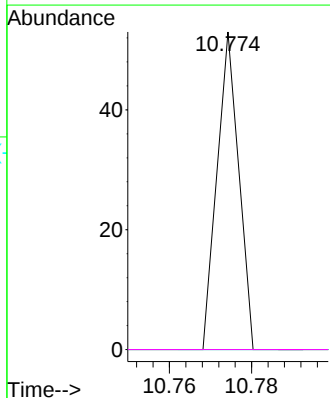
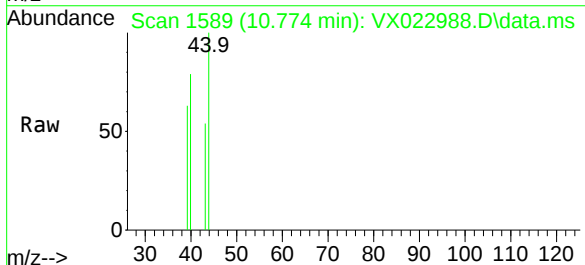
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

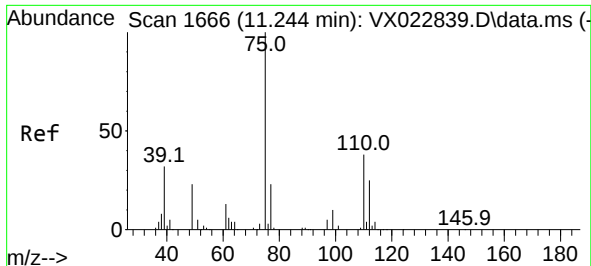
Tgt Ion:152 Resp: 37205
 Ion Ratio Lower Upper
 152 100
 115 69.1 41.1 123.3
 150 156.7 0.0 349.0



#74
 N-ethyl acetate
 Concen: 2.065 ug/l
 RT: 10.774 min Scan# 1589
 Delta R.T. -0.073 min
 Lab File: VX022988.D
 Acq: 28 Jun 2021 18:57

Tgt Ion: 43 Resp: 19
 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#

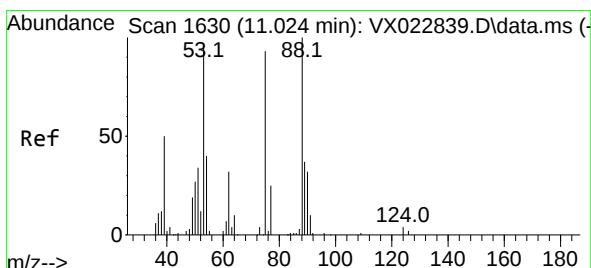
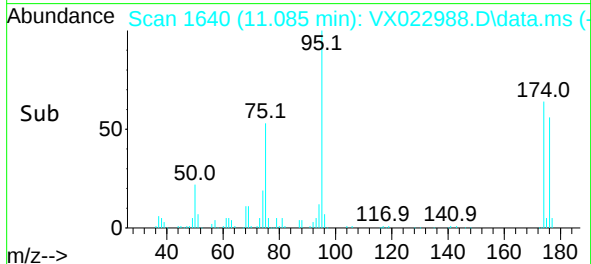
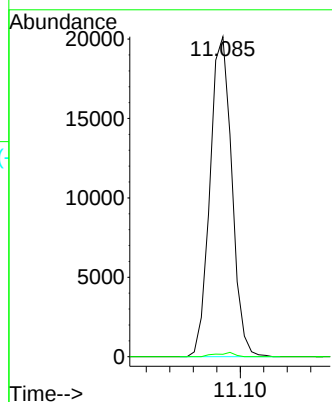
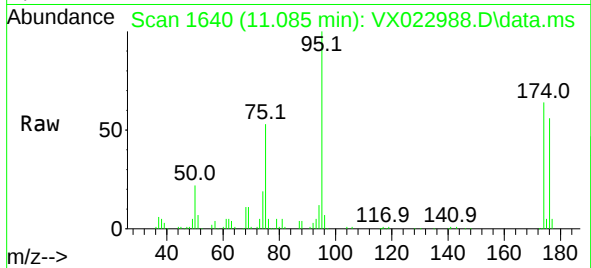




#76
1,2,3-Trichloropropane
Concen: 26.468 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

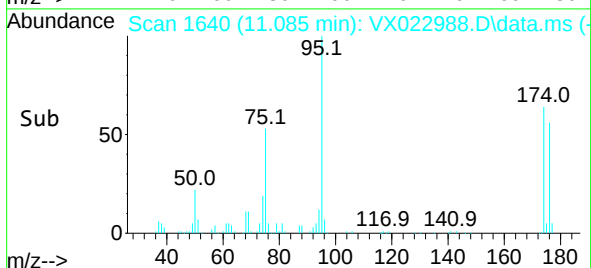
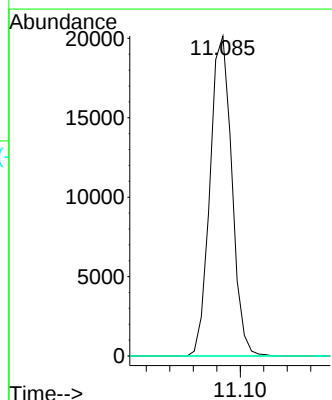
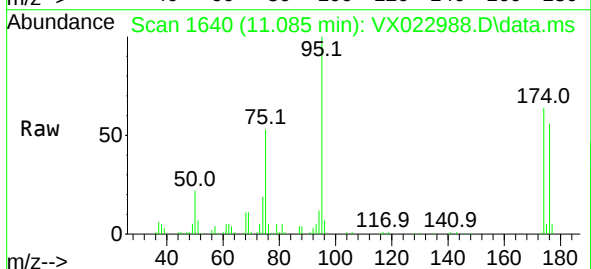
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

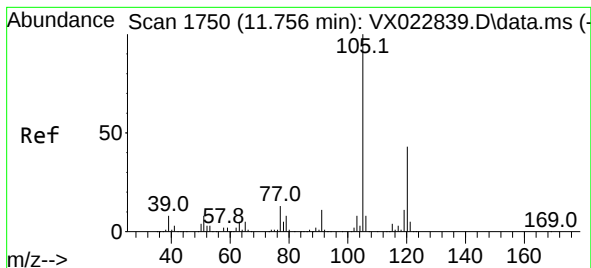
Tgt Ion: 75 Resp: 26011
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.693 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion: 75 Resp: 26011
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

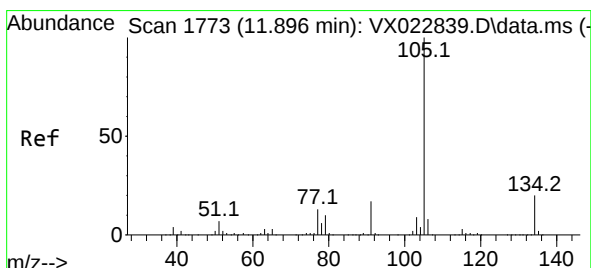
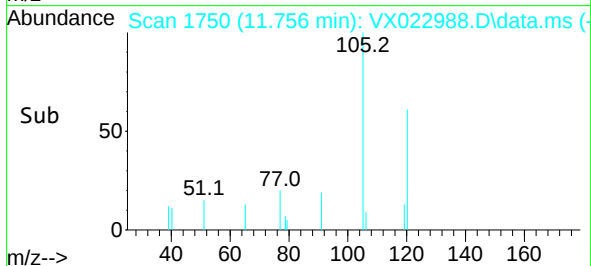
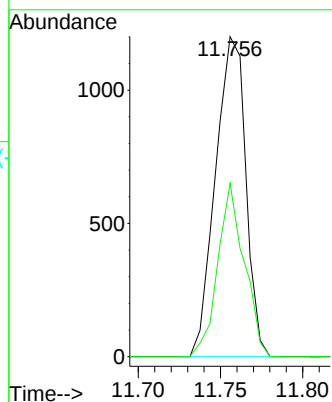
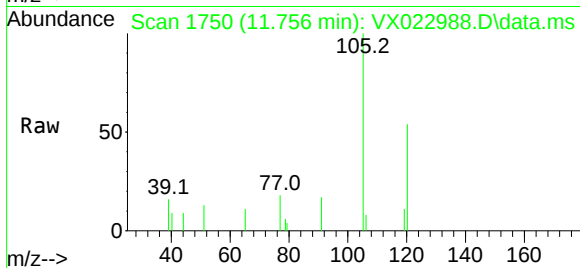




#84
1,2,4-Trimethylbenzene
Concen: 0.591 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

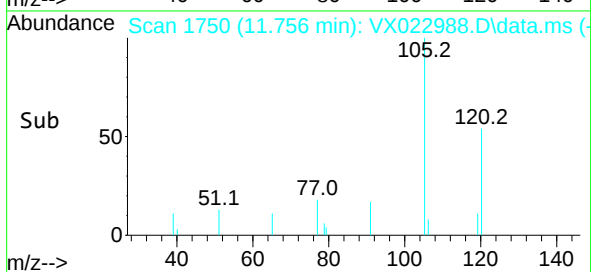
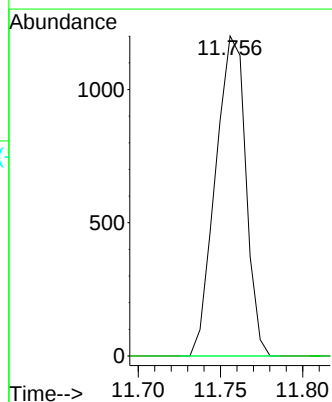
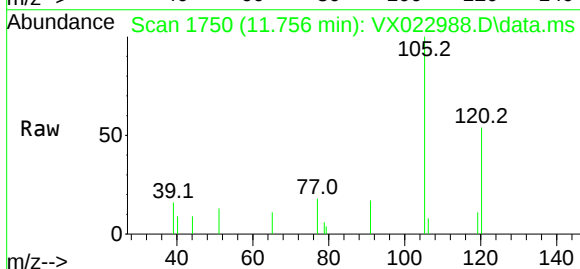
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

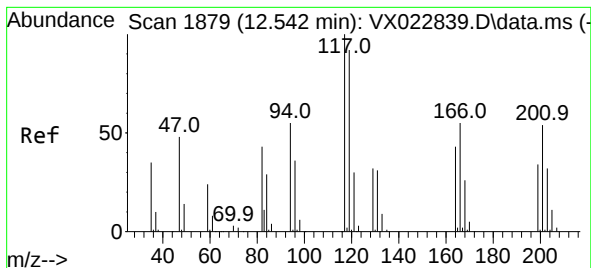
Tgt Ion:105 Resp: 1538
Ion Ratio Lower Upper
105 100
120 47.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.467 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion:105 Resp: 1538
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

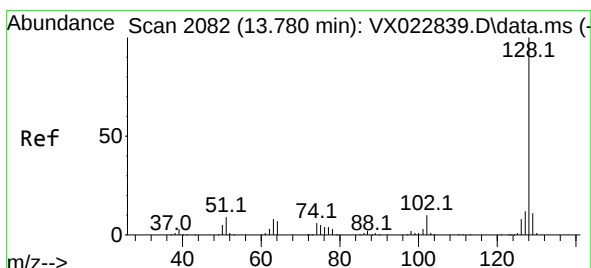
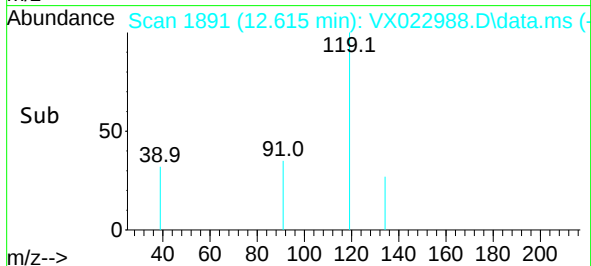
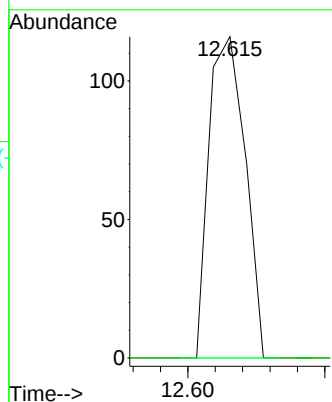
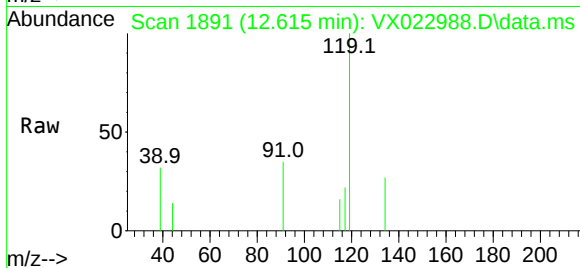




#90
Hexachloroethane
Concen: 3.913 ug/l
RT: 12.615 min Scan# 1891
Delta R.T. 0.073 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:117 Resp: 106
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 118.083 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022988.D
Acq: 28 Jun 2021 18:57

Tgt Ion:128 Resp: 366377
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

