

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022097.D
 Acq On : 19 May 2021 18:55
 Operator : JC/MD
 Sample : M2406-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK01

Quant Time: May 20 04:23:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

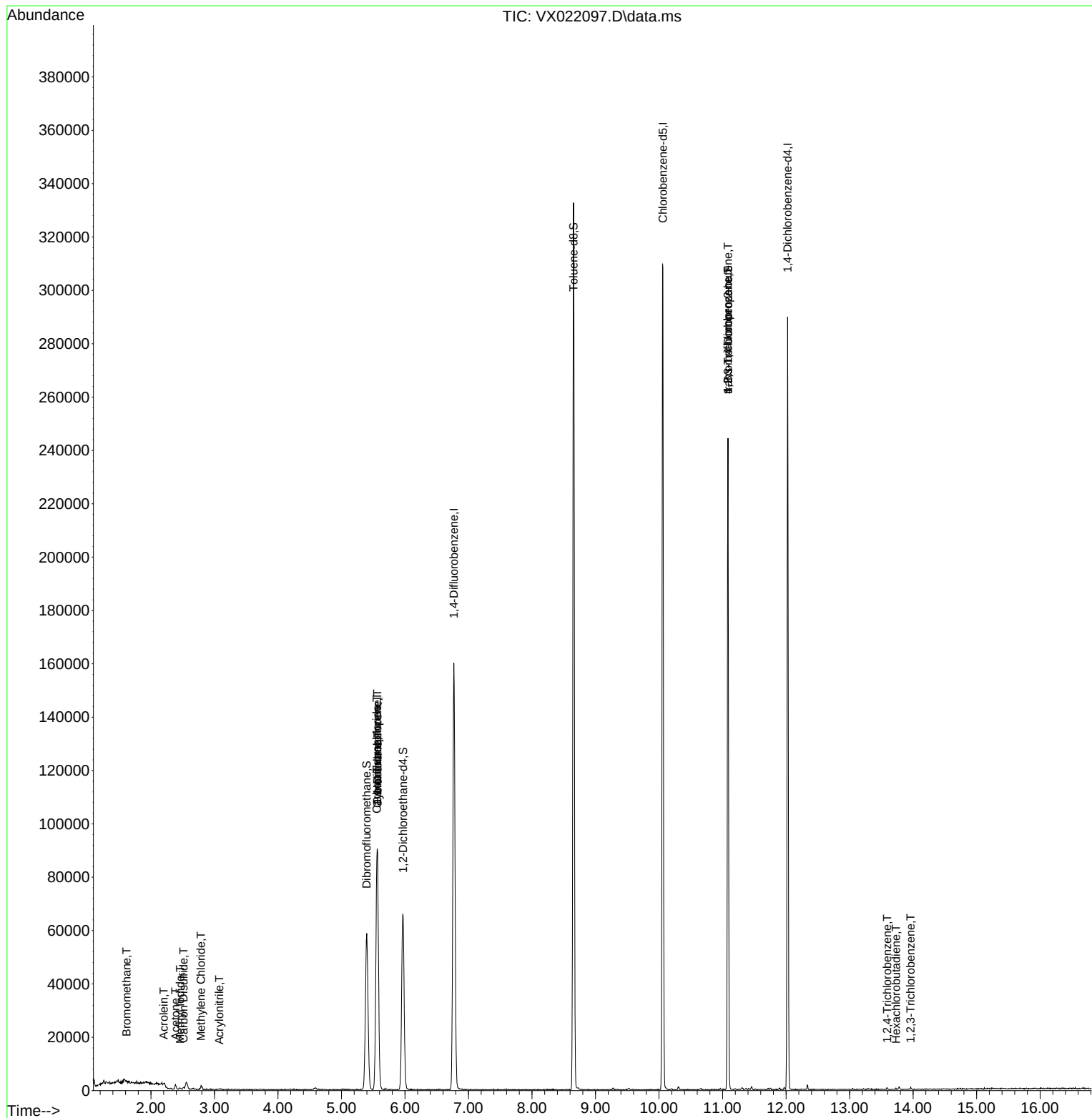
Internal Standards						
1) Pentafluorobenzene	5.562	168	80876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	139730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	62389	50.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.02%			
35) Dibromofluoromethane	5.397	113	50592	48.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.94%			
50) Toluene-d8	8.653	98	195424	49.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.22%			
62) 4-Bromofluorobenzene	11.085	95	66503	45.21	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.42%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	175	0.27	ug/l	96
10) Methyl Iodide	2.459	142	602	0.58	ug/l #	88
13) Acrolein	2.203	56	98	0.52	ug/l #	14
15) Acrylonitrile	3.075	53	163	0.29	ug/l #	40
16) Acetone	2.386	43	1713	3.15	ug/l	99
17) Carbon Disulfide	2.514	76	1048	0.43	ug/l	98
20) Methylene Chloride	2.788	84	647	0.54	ug/l #	82
31) Cyclohexane	5.568	56	2067	1.32	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	7687	5.10	ug/l #	47
38) Carbon Tetrachloride	5.556	117	9171	6.22	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	34335	26.14	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	34335	61.93	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	266	0.25	ug/l #	79
94) Hexachlorobutadiene	13.731	225	153	0.37	ug/l #	19
96) 1,2,3-Trichlorobenzene	13.963	180	235	0.22	ug/l	80

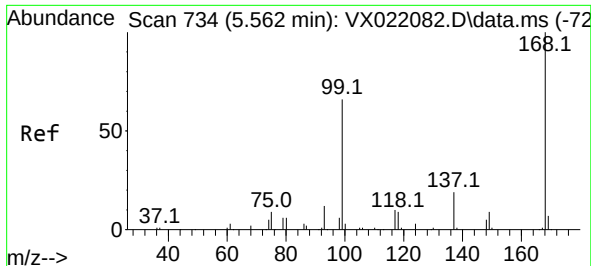
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 04:23:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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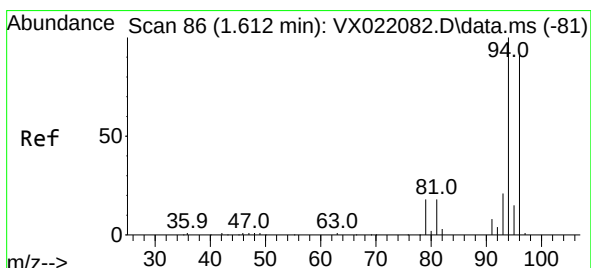
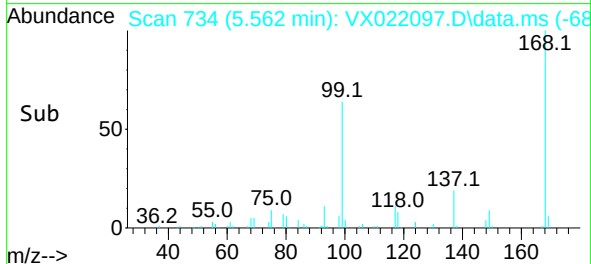
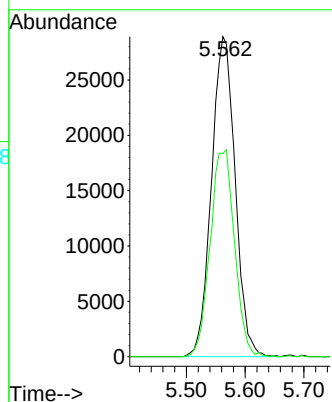
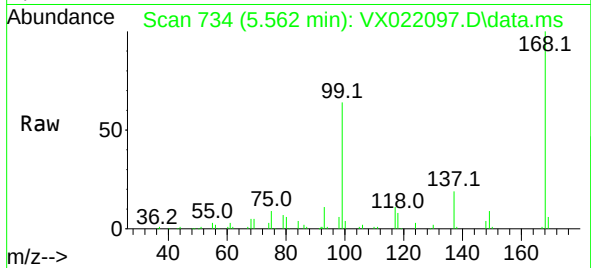




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

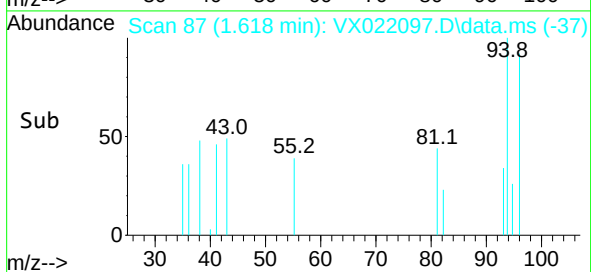
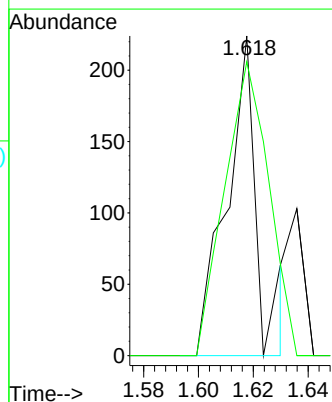
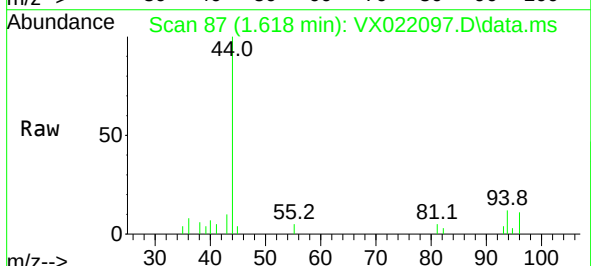
Instrument :
MSVOA_X
ClientSampleId :
VIBLK01

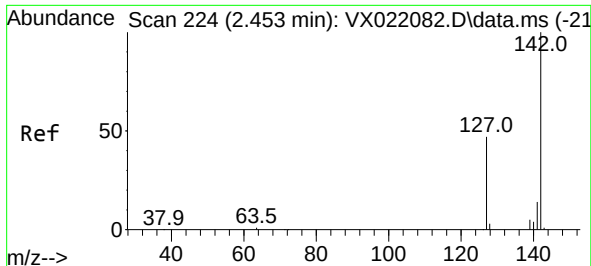
Tgt Ion:168 Resp: 80876
Ion Ratio Lower Upper
168 100
99 63.5 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 92.0 76.4 114.6

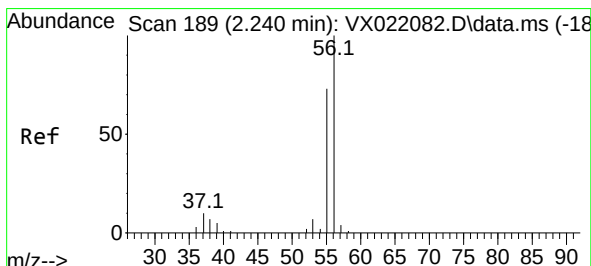
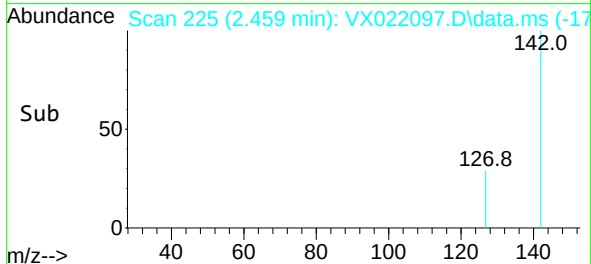
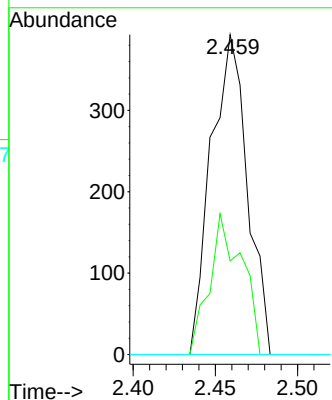
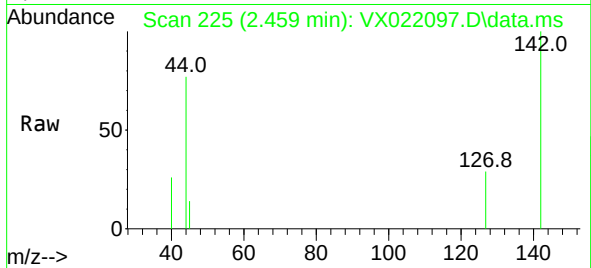




#10
Methyl Iodide
Concen: 0.58 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

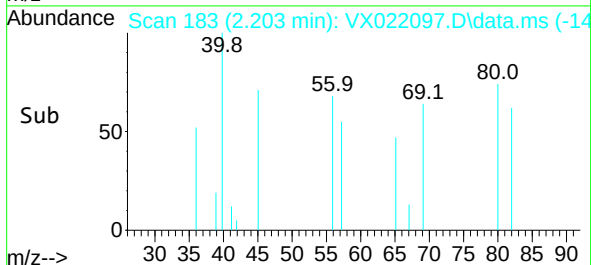
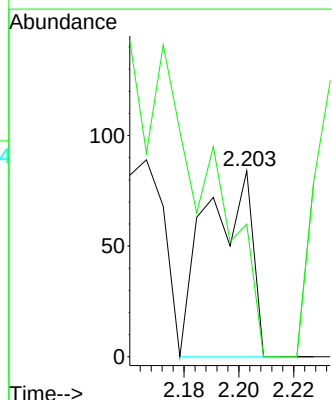
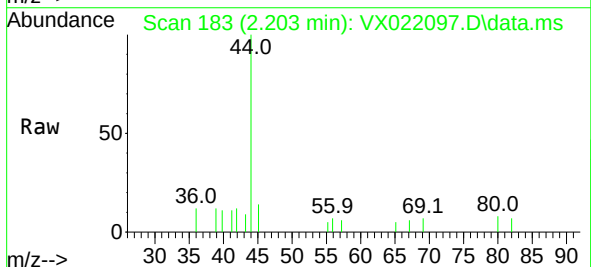
Instrument :
MSVOA_X
ClientSampled :
VIBLK01

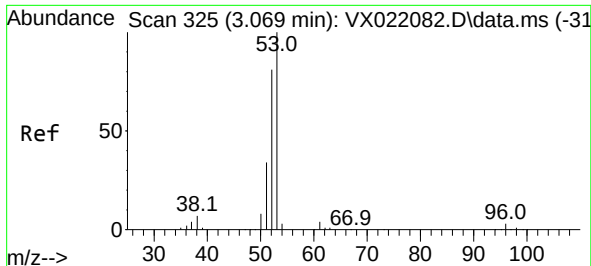
Tgt Ion:142 Resp: 602
Ion Ratio Lower Upper
142 100
127 39.2 33.3 49.9
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.52 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.037 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

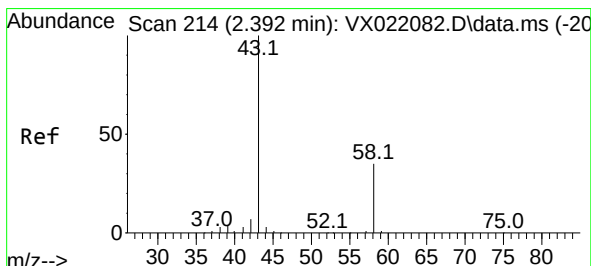
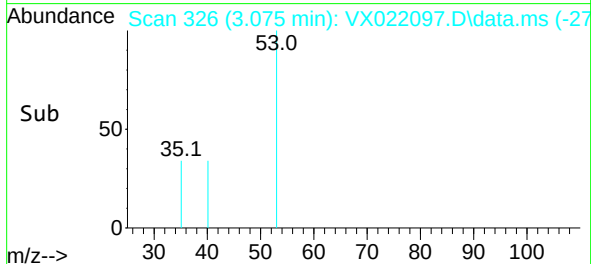
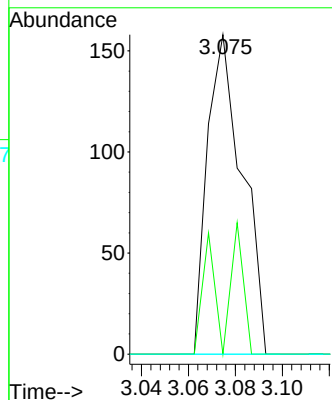
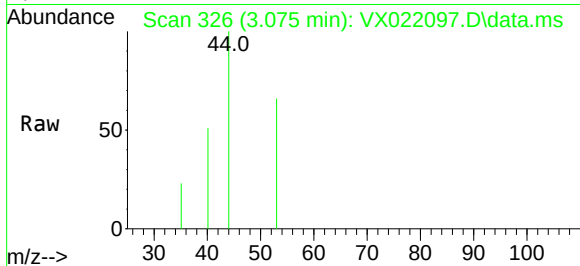




#15
Acrylonitrile
Concen: 0.29 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

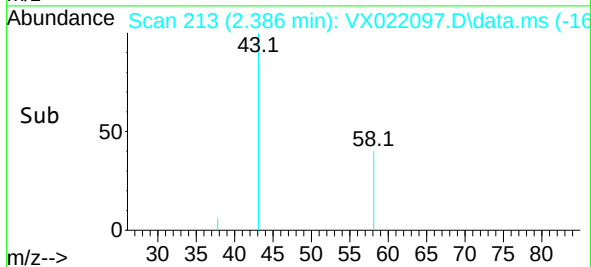
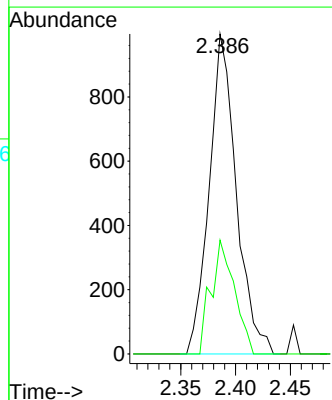
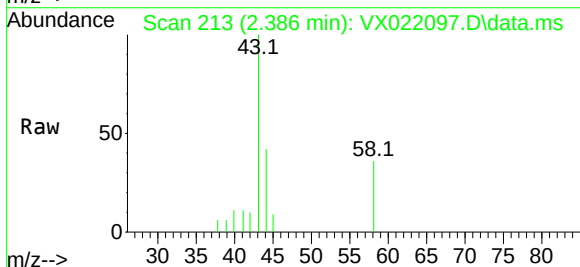
Instrument :
MSVOA_X
ClientSampled :
VIBLK01

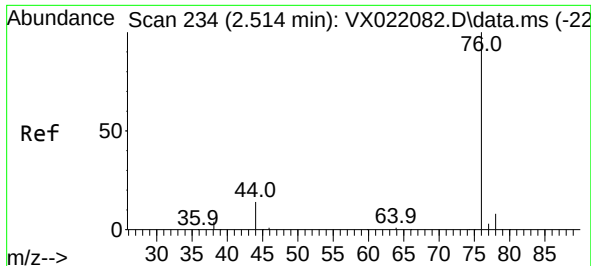
Tgt Ion: 53 Resp: 163
Ion Ratio Lower Upper
53 100
52 28.2 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 3.15 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8

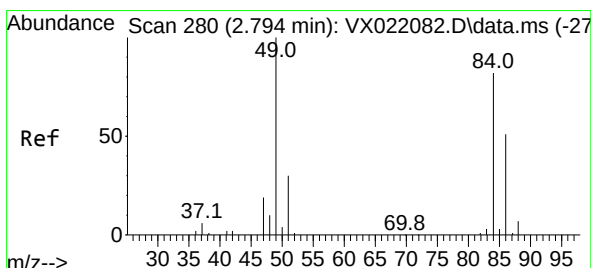
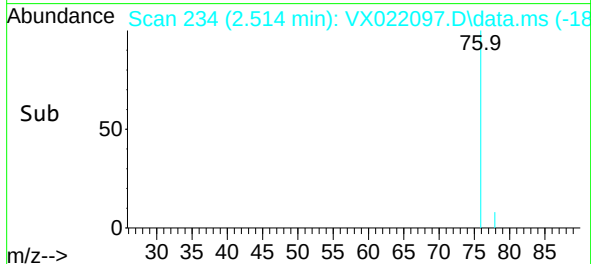
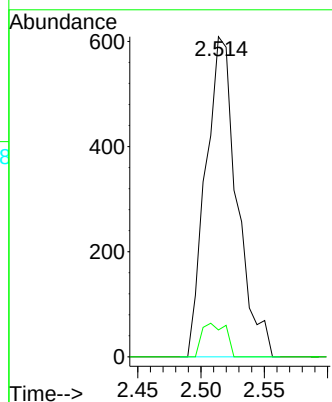
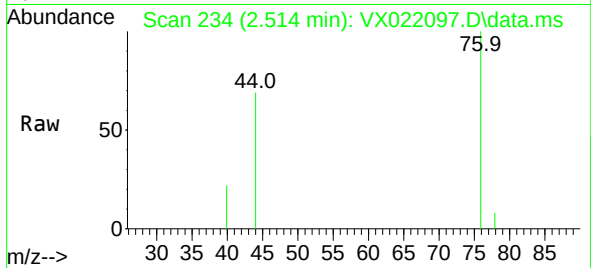




#17
Carbon Disulfide
Concen: 0.43 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

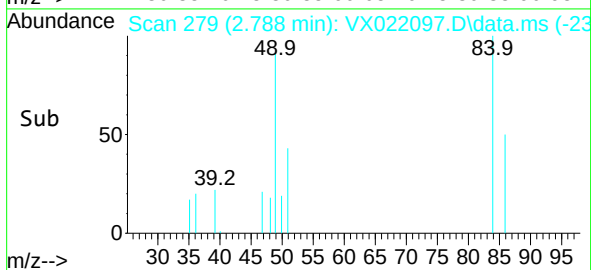
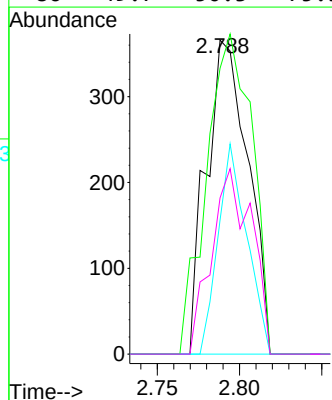
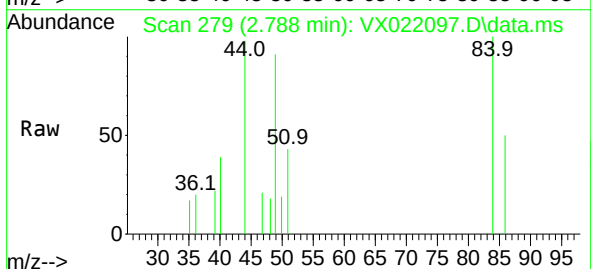
Instrument :
MSVOA_X
ClientSampleId :
VIBLK01

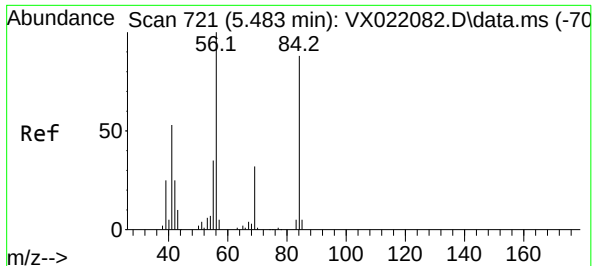
Tgt Ion: 76 Resp: 1048
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#20
Methylene Chloride
Concen: 0.54 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

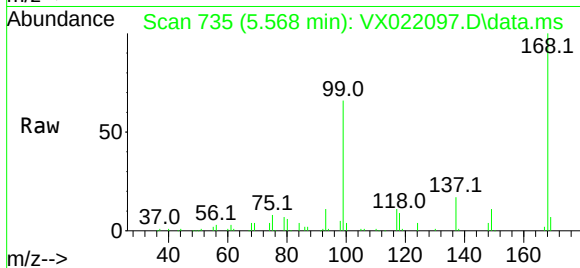
Tgt Ion: 84 Resp: 647
Ion Ratio Lower Upper
84 100
49 91.0 88.6 132.8
51 42.6 27.0 40.6#
86 49.7 50.3 75.5#



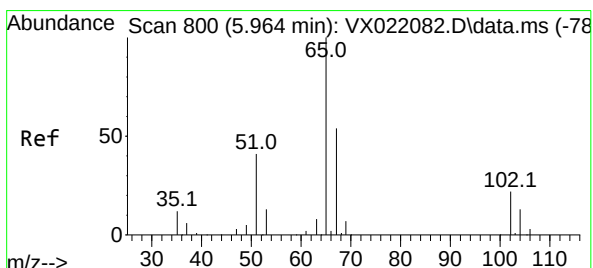
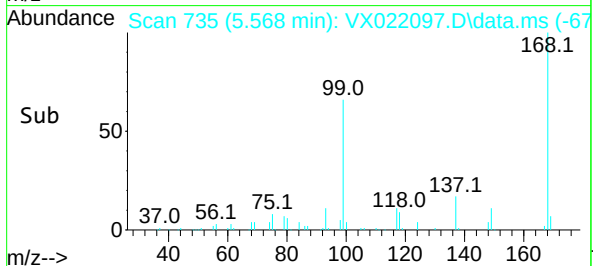
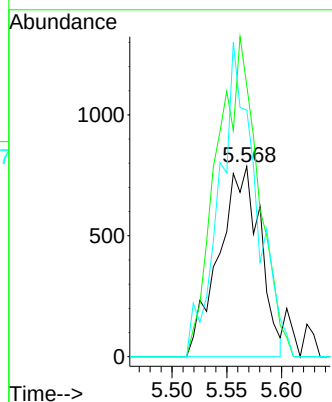


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Instrument :
MSVOA_X
ClientSampled :
VIBLK01

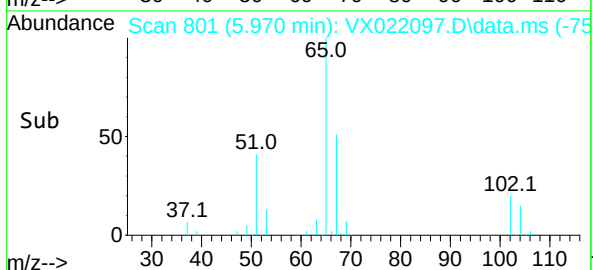
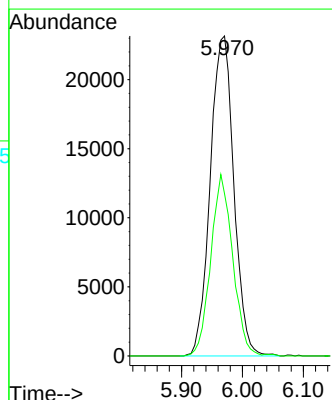
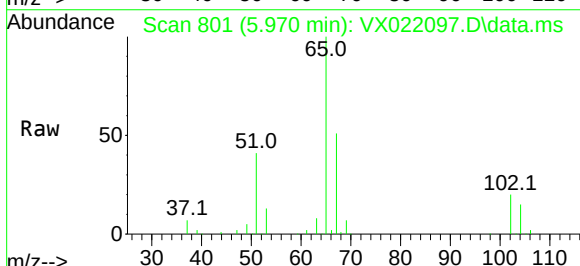


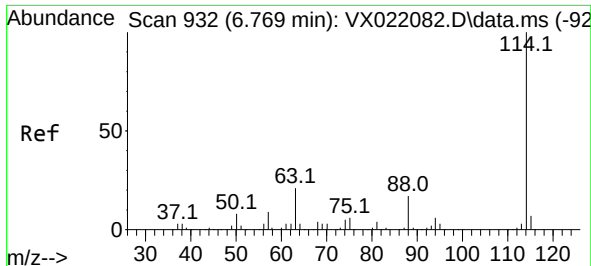
Tgt Ion: 56 Resp: 2067
Ion Ratio Lower Upper
56 100
69 142.7 25.3 37.9#
84 129.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.01 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion: 65 Resp: 62389
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

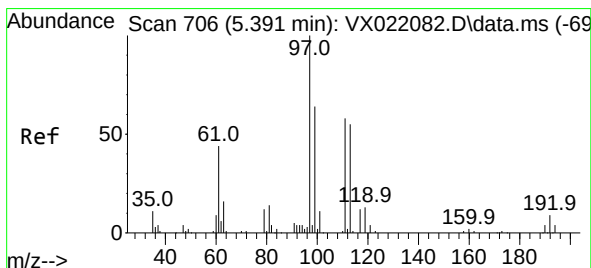
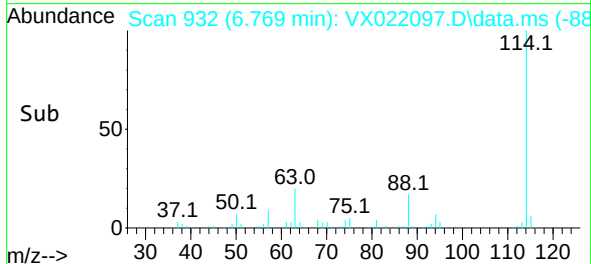
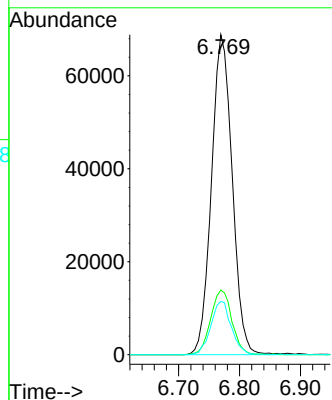
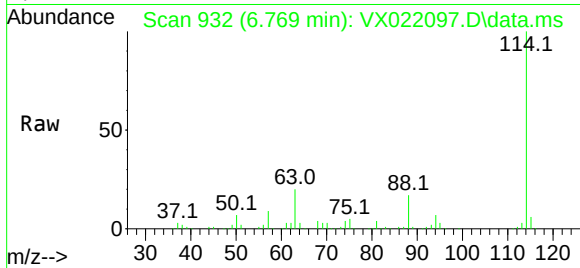




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

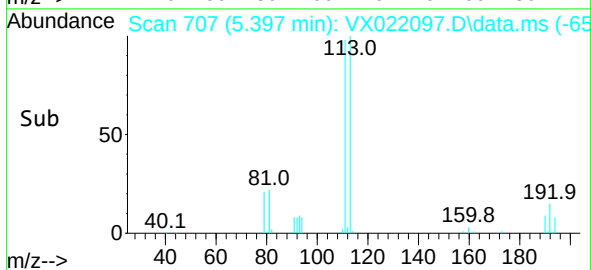
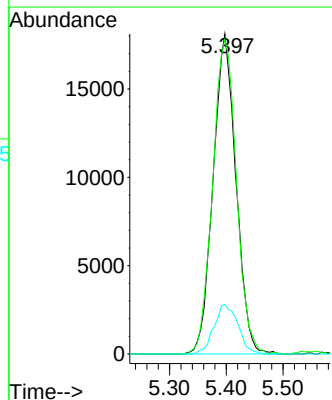
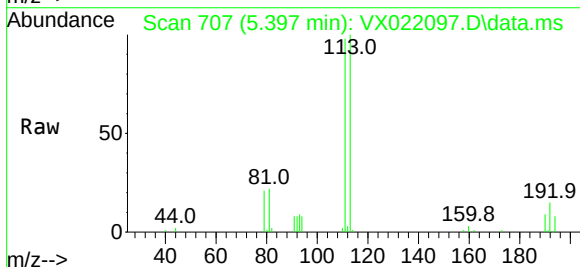
Instrument :
MSVOA_X
ClientSampleId :
VIBLK01

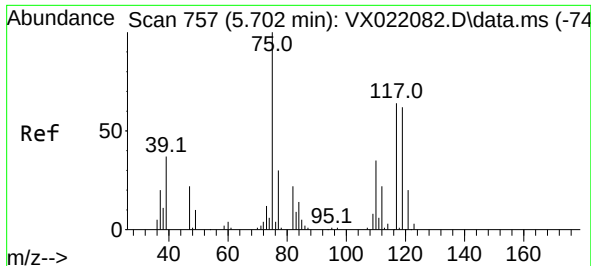
Tgt Ion:114 Resp: 162911
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion:113 Resp: 50592
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 16.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.10 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022097.D

Acq: 19 May 2021 18:55

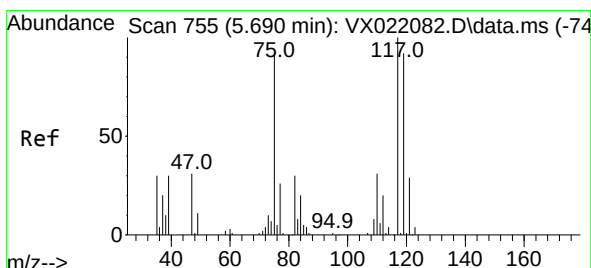
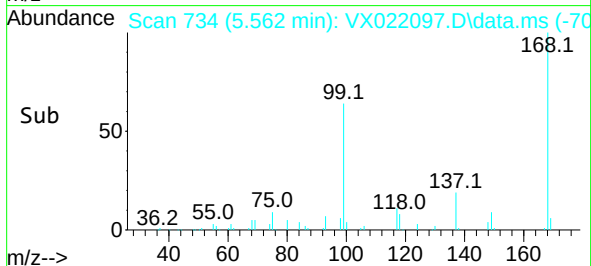
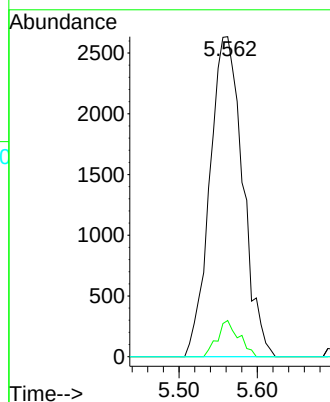
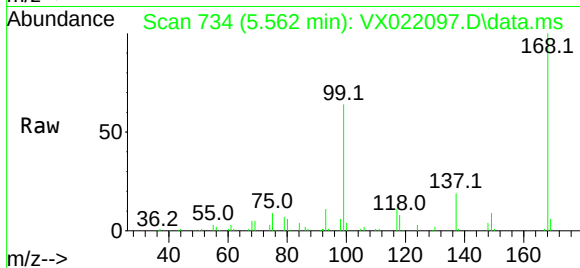
Tgt Ion: 75 Resp: 7687

Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.22 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX022097.D

Acq: 19 May 2021 18:55

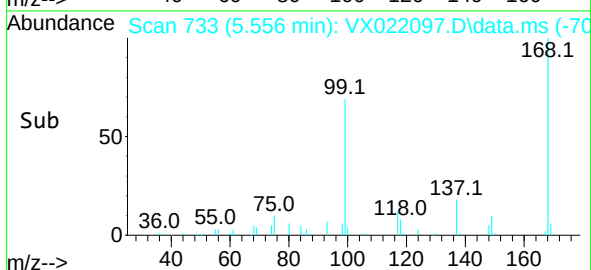
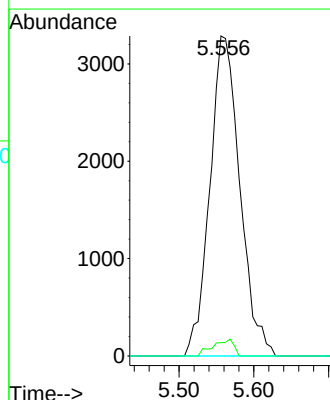
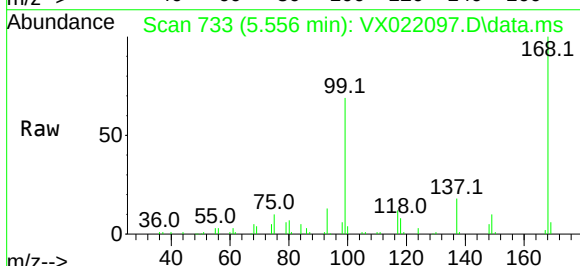
Tgt Ion: 117 Resp: 9171

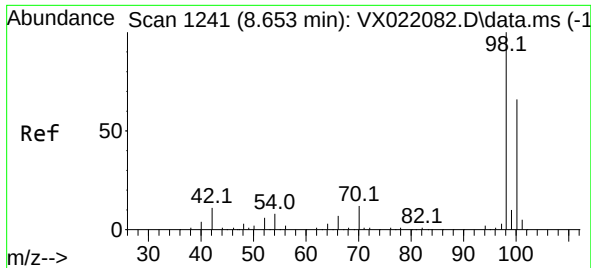
Ion Ratio Lower Upper

117 100

119 4.1 76.2 114.2#

121 0.0 24.8 37.2#

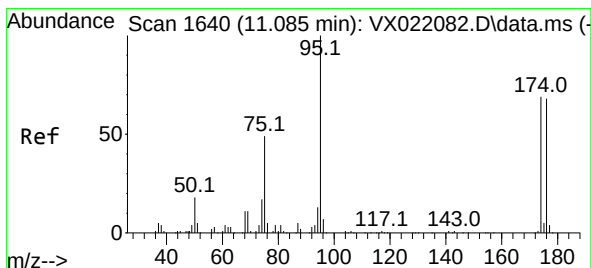
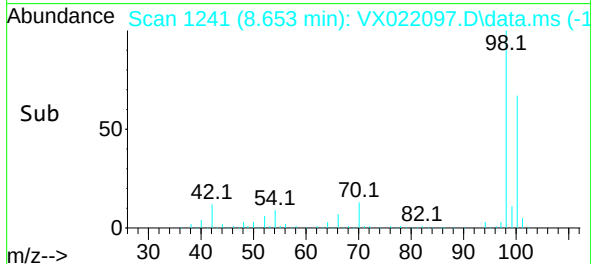
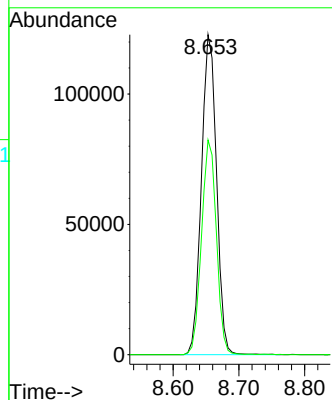
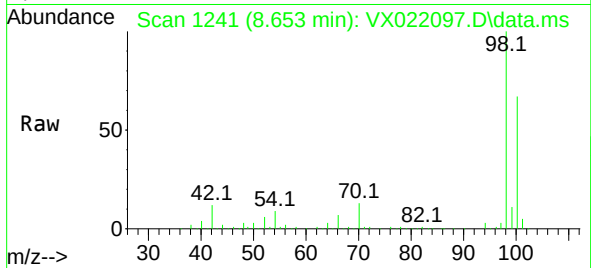




#50
Toluene-d8
Concen: 49.11 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

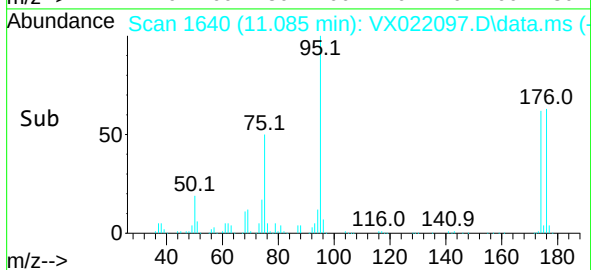
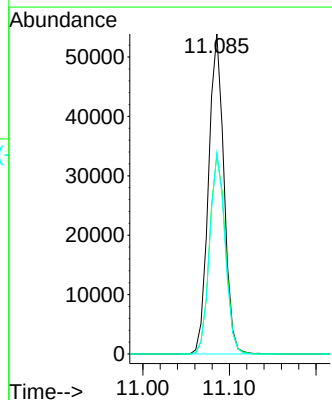
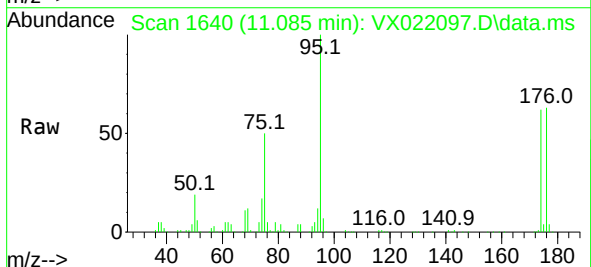
Instrument :
MSVOA_X
ClientSampleId :
VIBLK01

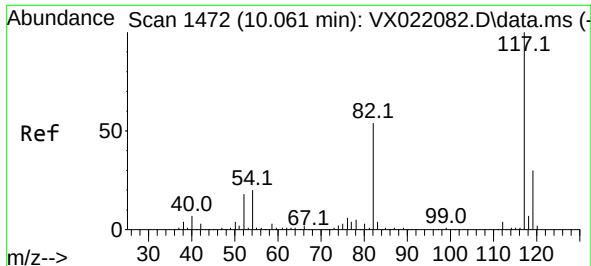
Tgt Ion: 98 Resp: 195424
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion: 95 Resp: 66503
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 62.4 0.0 155.8

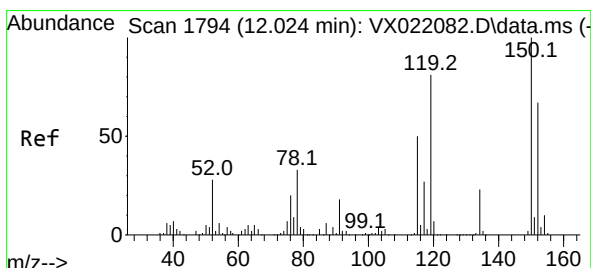
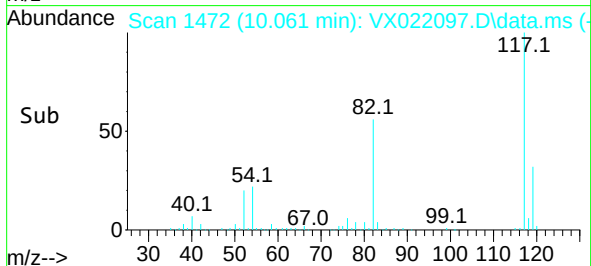
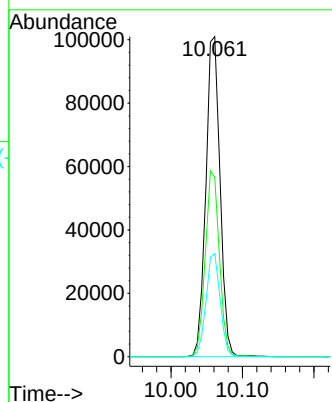
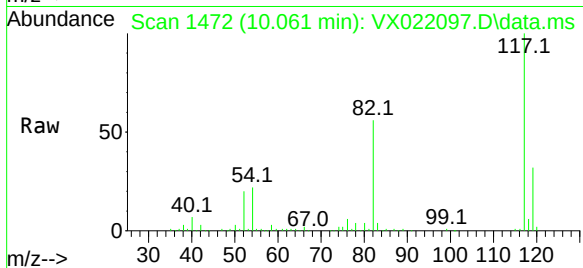




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

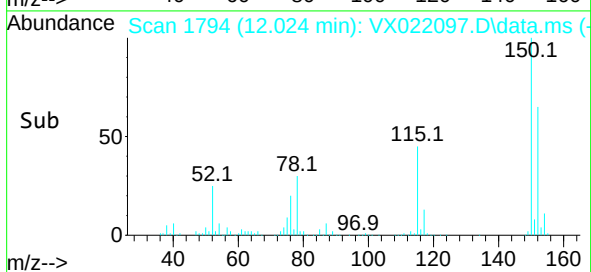
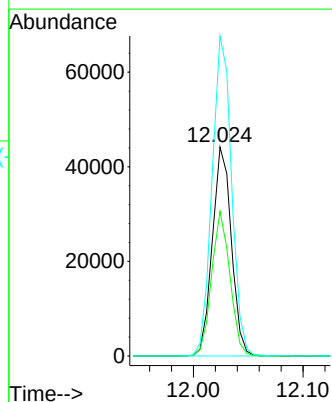
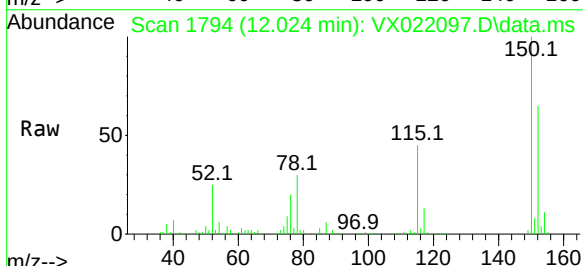
Instrument :
MSVOA_X
ClientSampled :
VIBLK01

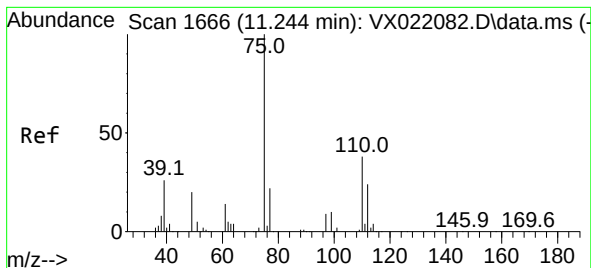
Tgt Ion:117 Resp: 139730
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion:152 Resp: 53245
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 156.6 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.14 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022097.D

Acq: 19 May 2021 18:55

Tgt Ion: 75 Resp: 34335

Ion Ratio Lower Upper

75 100

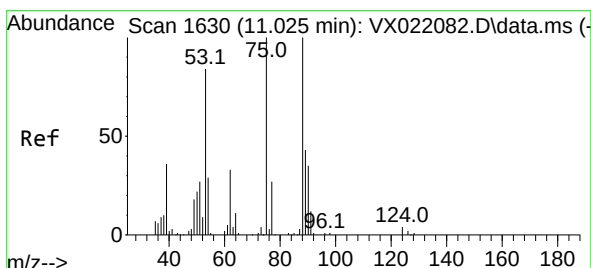
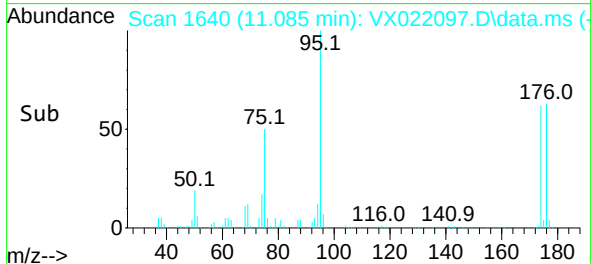
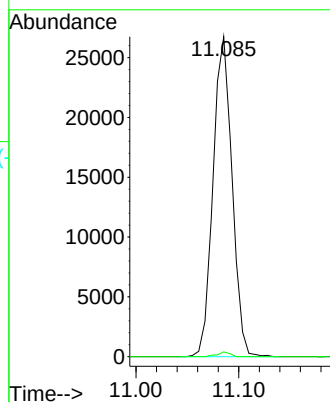
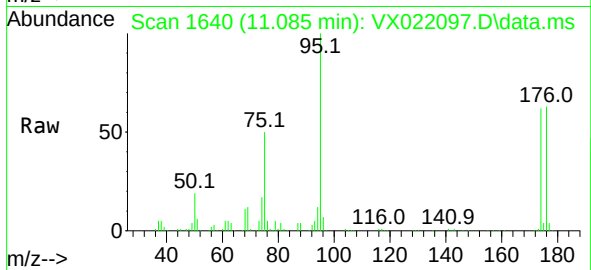
77 1.0 19.1 57.5#

Instrument :

MSVOA_X

ClientSampled :

VIBLK01



#81

trans-1,4-Dichloro-2-butene

Concen: 61.93 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022097.D

Acq: 19 May 2021 18:55

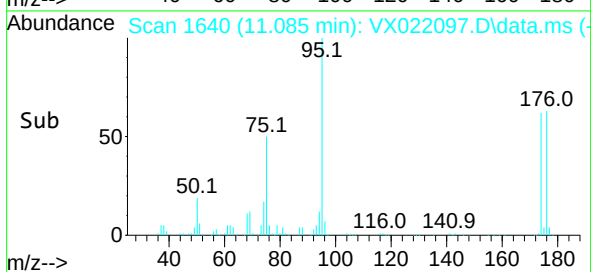
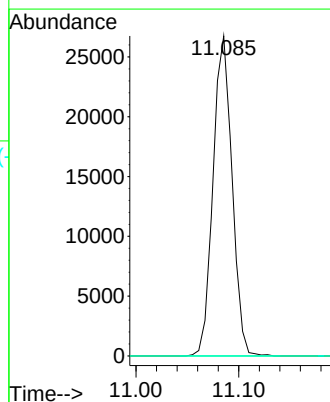
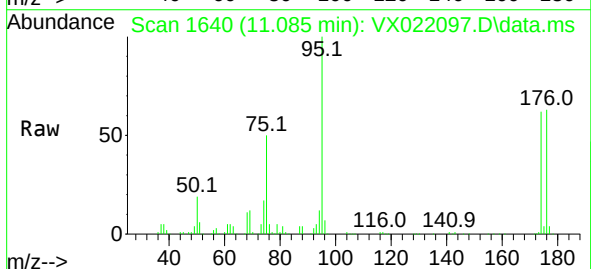
Tgt Ion: 75 Resp: 34335

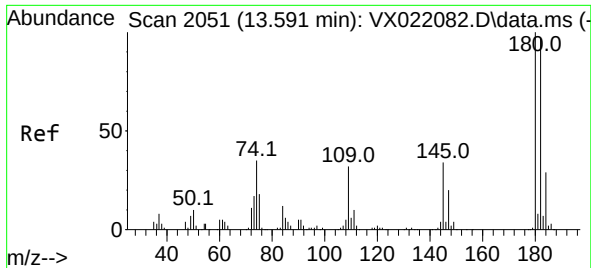
Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

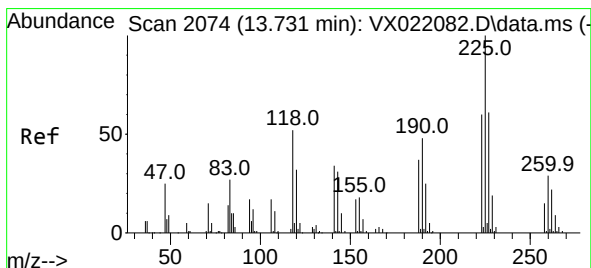
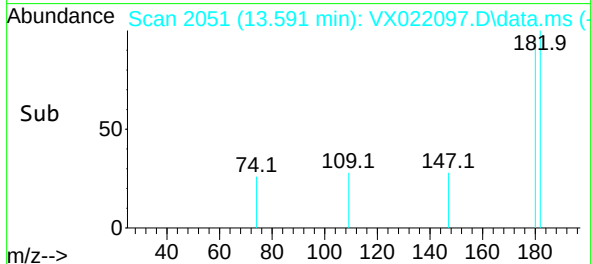
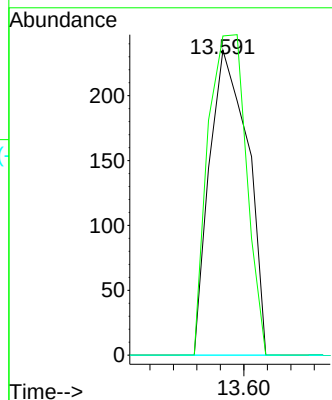
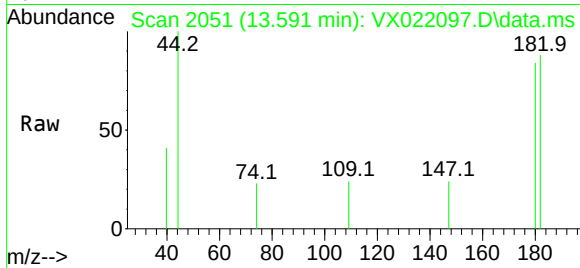




#93
1,2,4-Trichlorobenzene
Concen: 0.25 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

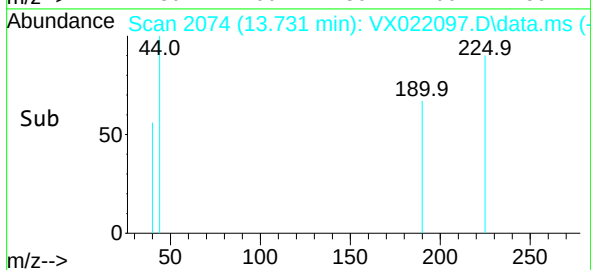
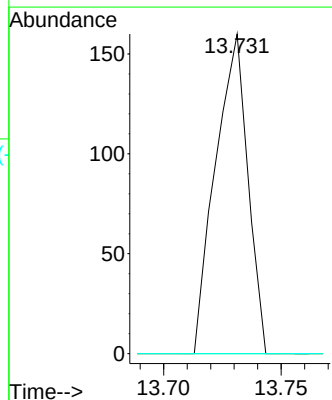
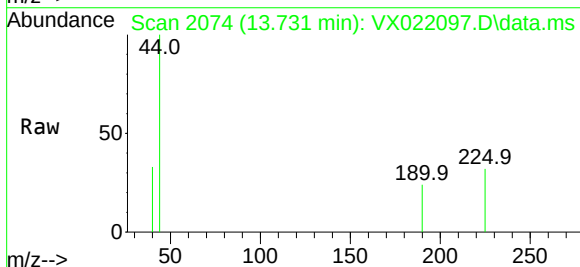
Instrument :
MSVOA_X
ClientSampleId :
VIBLK01

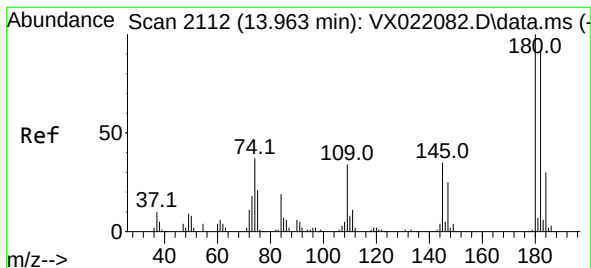
Tgt Ion:180 Resp: 266
Ion Ratio Lower Upper
180 100
182 105.3 47.7 143.1
145 0.0 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.37 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VX022097.D
Acq: 19 May 2021 18:55

Tgt Ion:225 Resp: 153
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX022097.D
 Acq: 19 May 2021 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK01

Tgt Ion:180 Resp: 235
 Ion Ratio Lower Upper
 180 100
 182 71.9 47.6 142.9
 145 27.7 16.1 48.3

