

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022100.D
 Acq On : 19 May 2021 20:05
 Operator : JC/MD
 Sample : M2406-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK04

Quant Time: May 20 04:24:38 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)

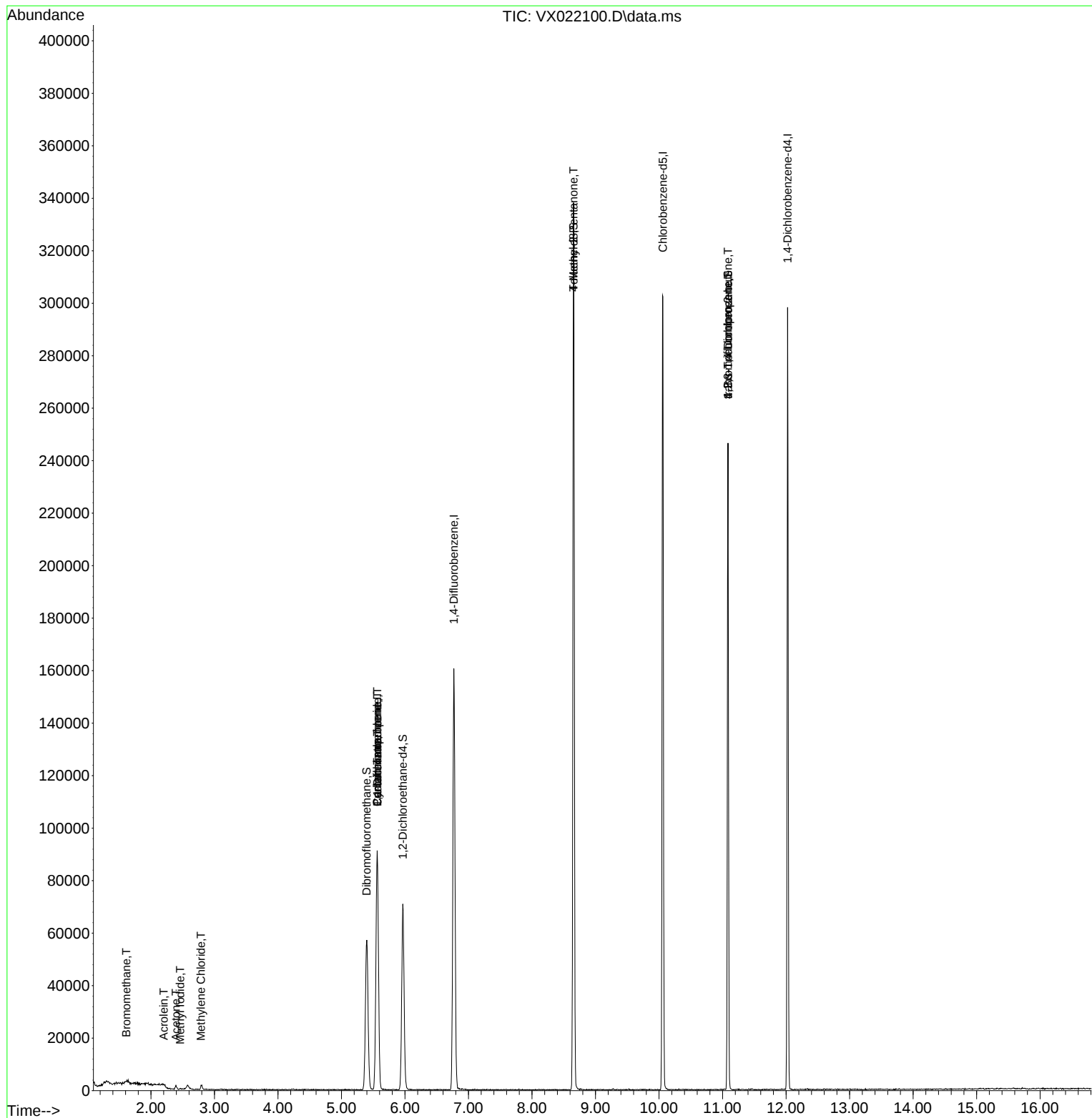
Internal Standards						
1) Pentafluorobenzene	5.562	168	78510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	138507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62855	51.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	103.80%		
35) Dibromofluoromethane	5.397	113	49182	47.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.70%		
50) Toluene-d8	8.653	98	194016	49.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.00%		
62) 4-Bromofluorobenzene	11.085	95	66595	45.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.02%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	221	0.35	ug/l #	34
10) Methyl Iodide	2.459	142	299	0.30	ug/l #	54
13) Acrolein	2.203	56	53	0.29	ug/l #	1
16) Acetone	2.392	43	1451	2.75	ug/l	98
20) Methylene Chloride	2.788	84	661	0.56	ug/l	96
31) Cyclohexane	5.562	56	2259	1.48	ug/l #	20
36) 1,1-Dichloropropene	5.562	75	7383	4.93	ug/l #	41
38) Carbon Tetrachloride	5.562	117	8982	6.13	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	862	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	33891	25.28	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	33891	59.90	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK04

Quant Time: May 20 04:24:38 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

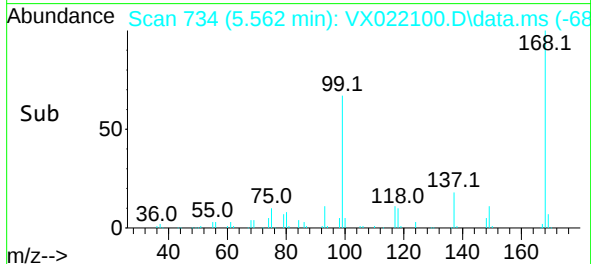
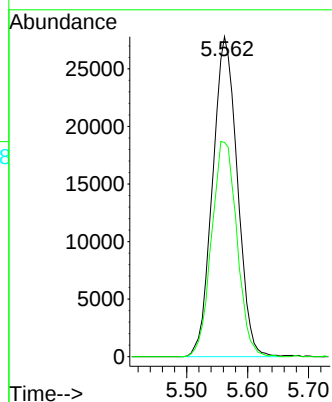
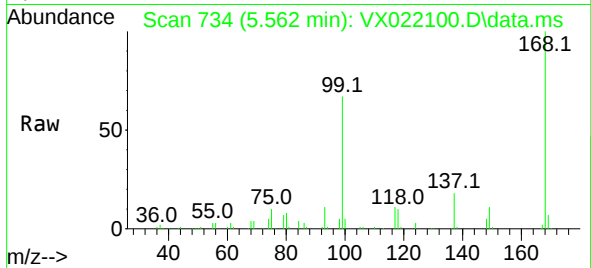




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

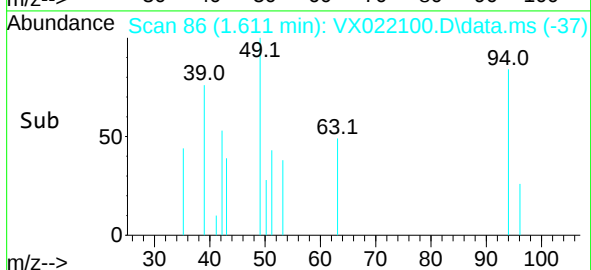
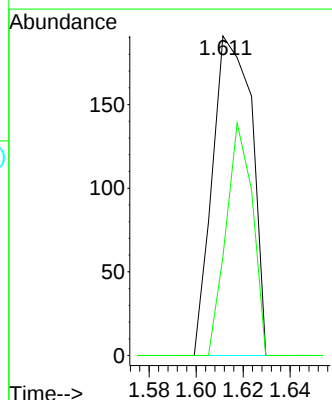
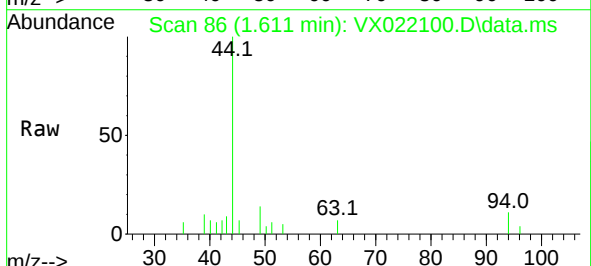
Instrument :
MSVOA_X
ClientSampleId :
VIBLK04

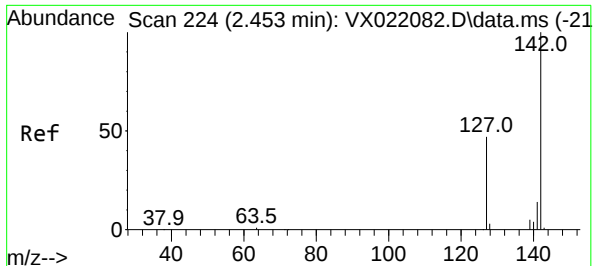
Tgt Ion:168 Resp: 78510
Ion Ratio Lower Upper
168 100
99 66.9 45.8 68.6



#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

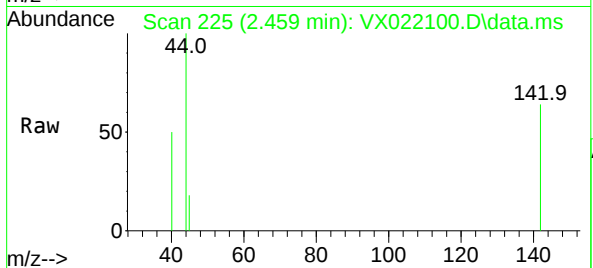
Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 30.9 76.4 114.6#



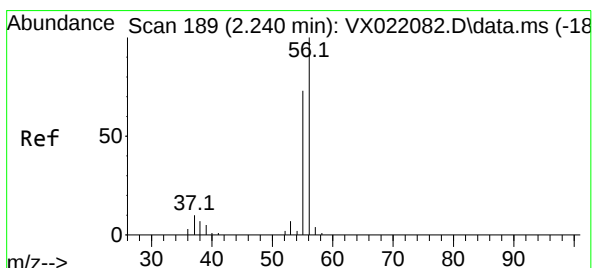
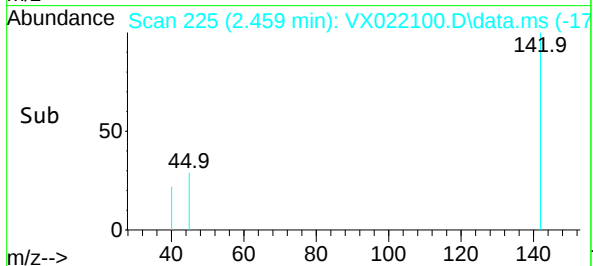
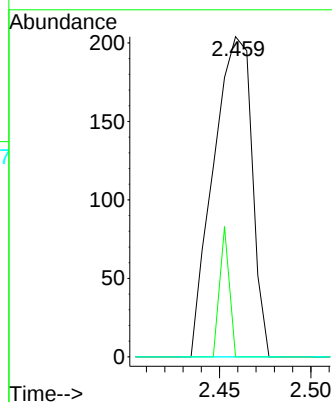


#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK04

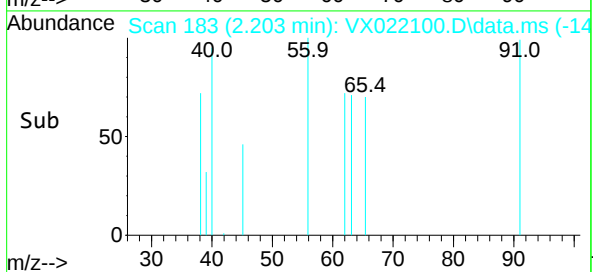
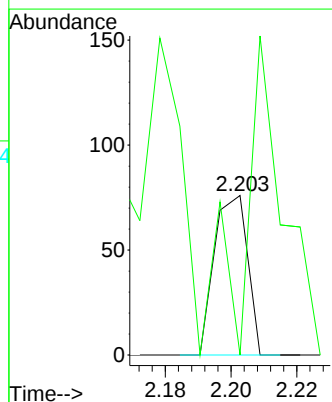
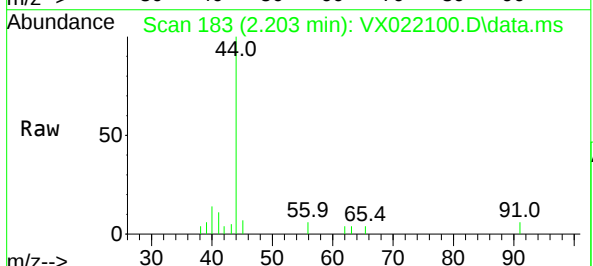


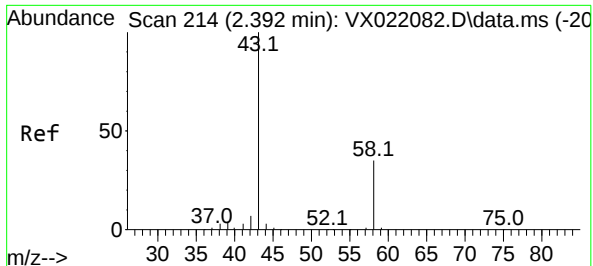
Tgt Ion:142 Resp: 299
Ion Ratio Lower Upper
142 100
127 10.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.29 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.037 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 239.6 56.4 84.6#

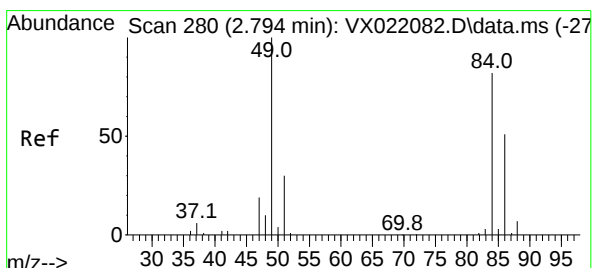
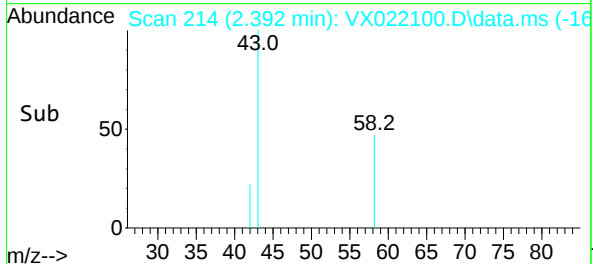
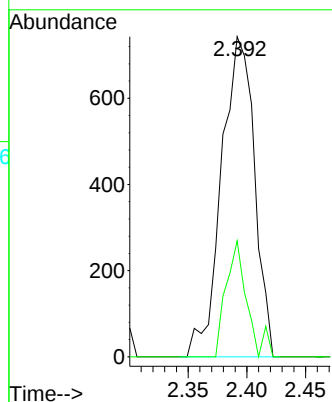
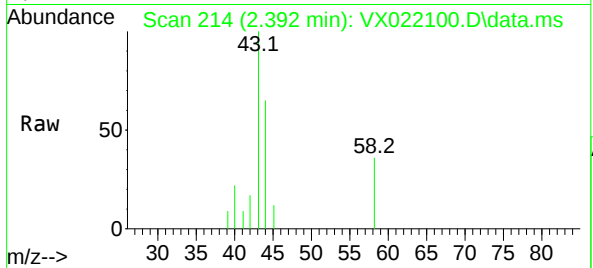




#16
Acetone
Concen: 2.75 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

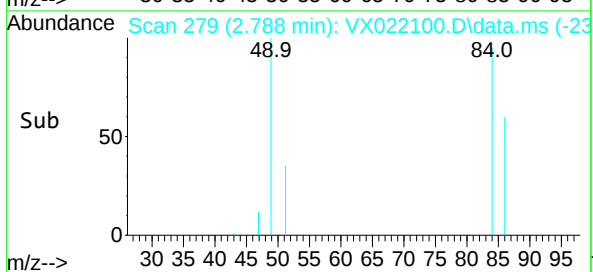
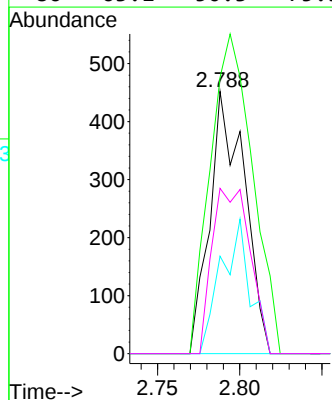
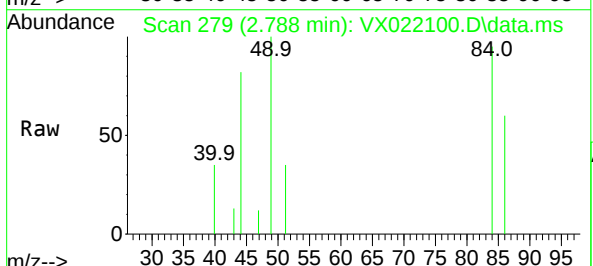
Instrument :
MSVOA_X
ClientSampleId :
VIBLK04

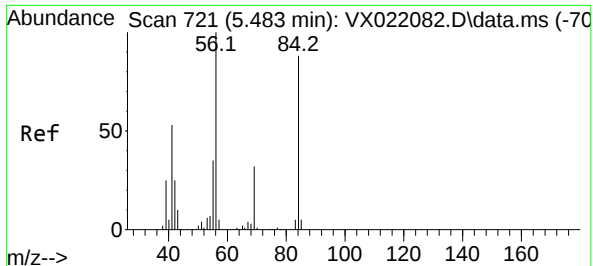
Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
58 36.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.56 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

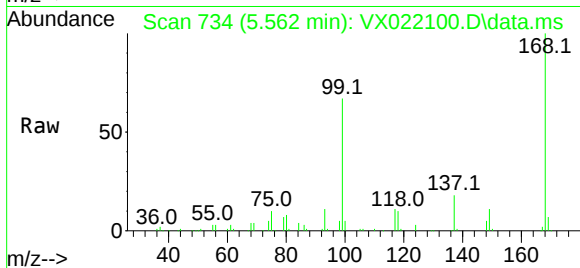
Tgt Ion: 84 Resp: 661
Ion Ratio Lower Upper
84 100
49 105.3 88.6 132.8
51 37.2 27.0 40.6
86 63.1 50.3 75.5



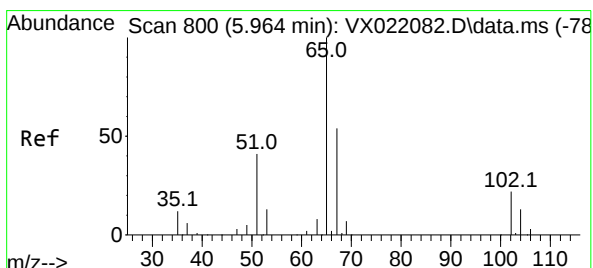
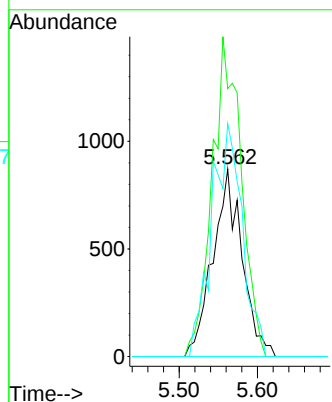
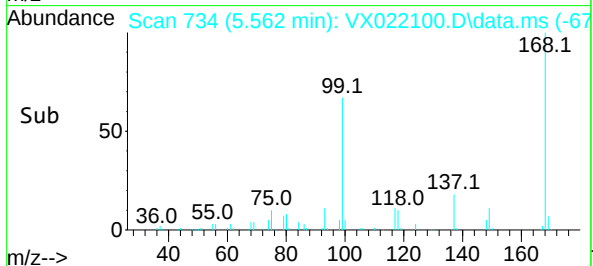


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

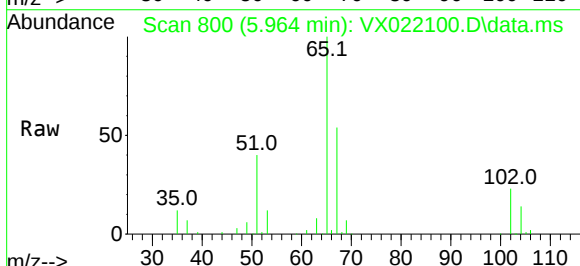
Instrument :
MSVOA_X
ClientSampled :
VIBLK04



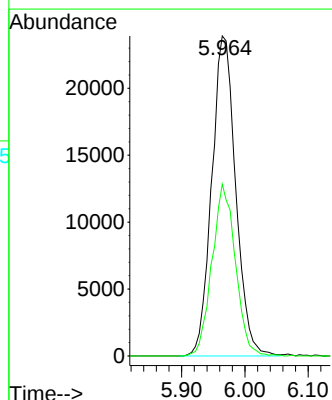
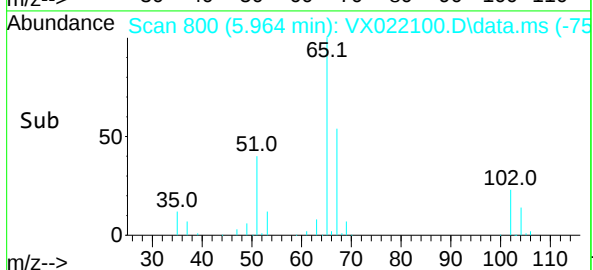
Tgt Ion: 56 Resp: 2259
Ion Ratio Lower Upper
56 100
69 142.9 25.3 37.9#
84 124.2 71.4 107.0#

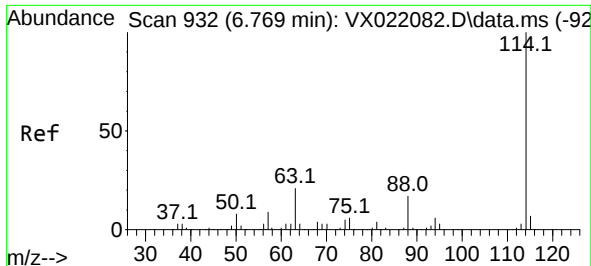


#33
1,2-Dichloroethane-d4
Concen: 51.90 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05



Tgt Ion: 65 Resp: 62855
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

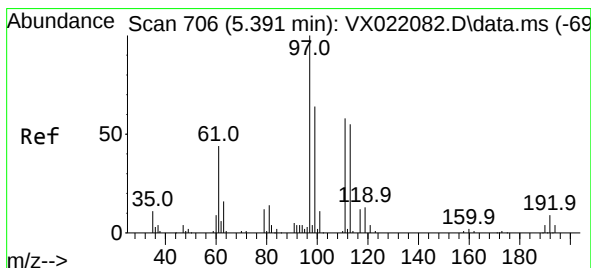
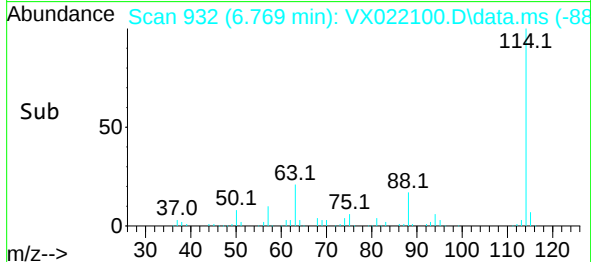
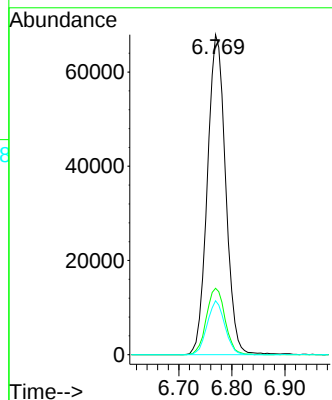
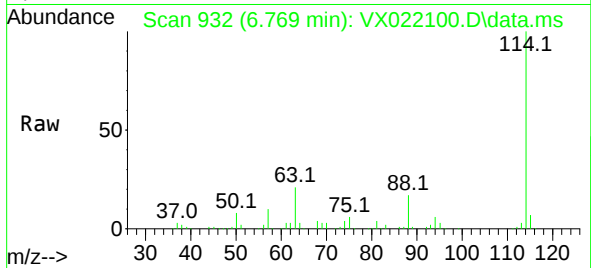




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

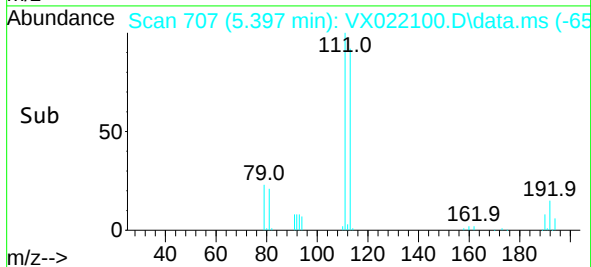
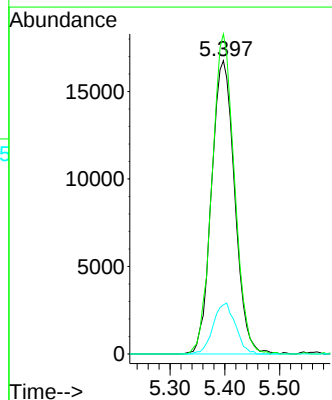
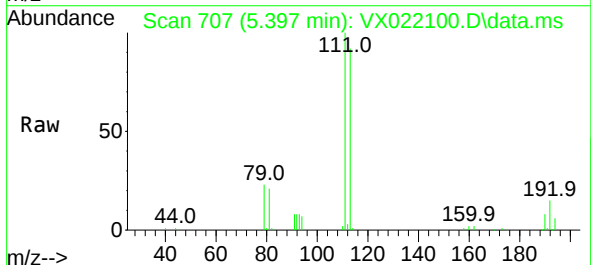
Instrument :
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ClientSampleId :
VIBLK04

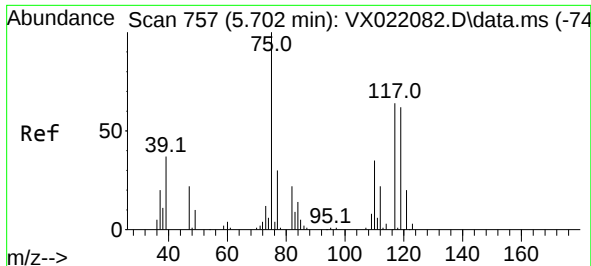
Tgt Ion:114 Resp: 162079
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.85 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

Tgt Ion:113 Resp: 49182
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 16.6 16.7 25.1#

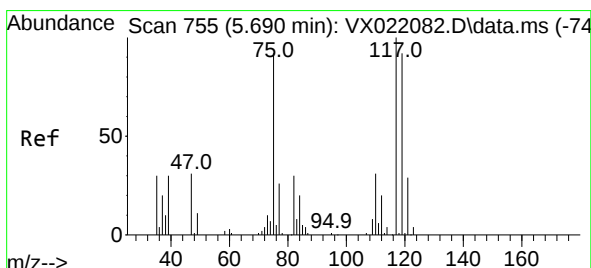
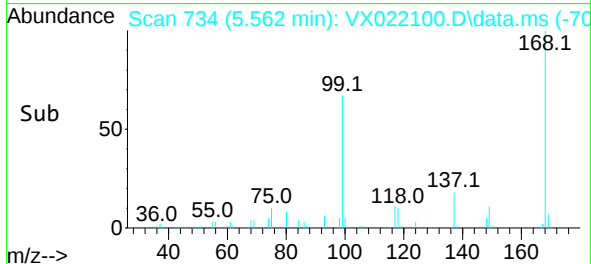
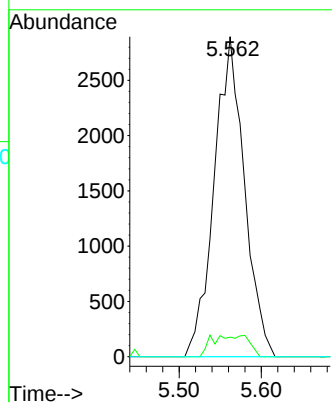
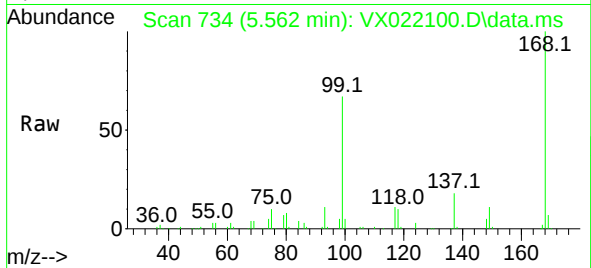




#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

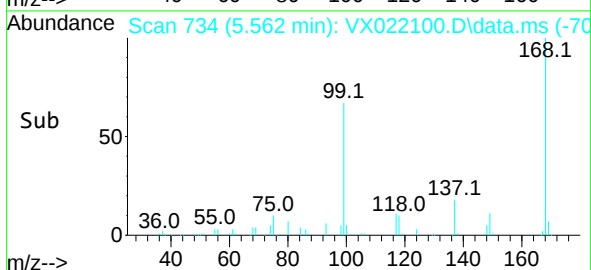
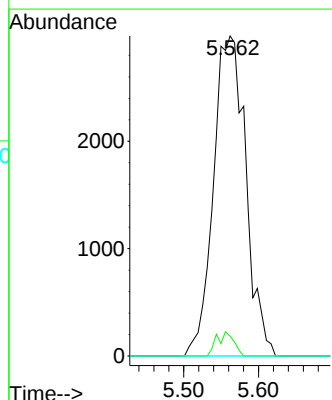
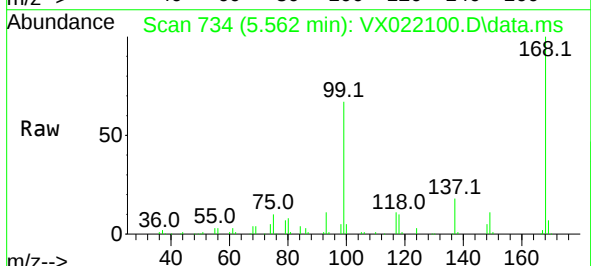
Instrument :
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ClientSampleId :
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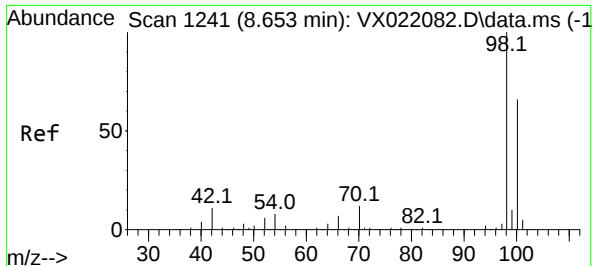
Tgt Ion: 75 Resp: 7383
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

Tgt Ion: 117 Resp: 8982
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

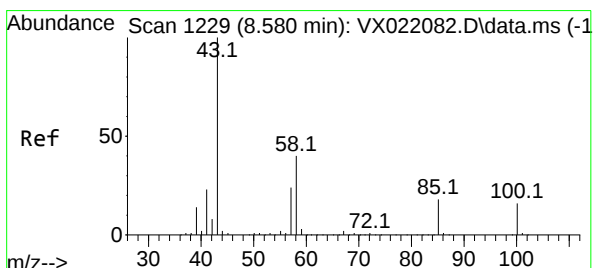
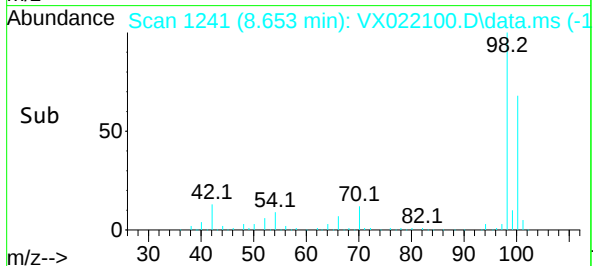
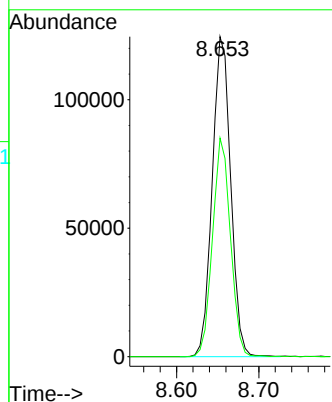
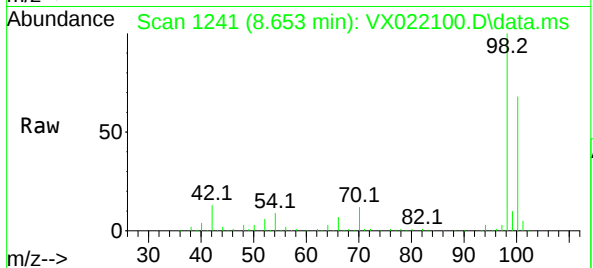




#50
Toluene-d8
Concen: 49.00 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

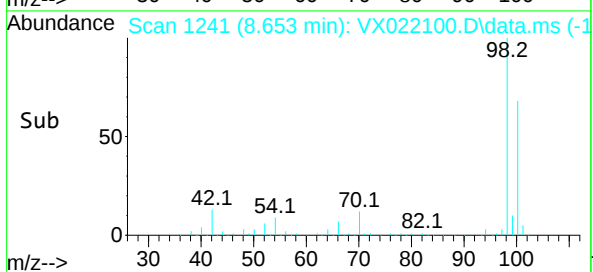
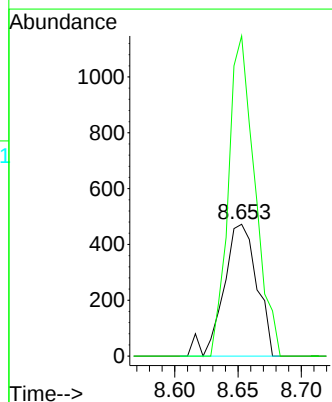
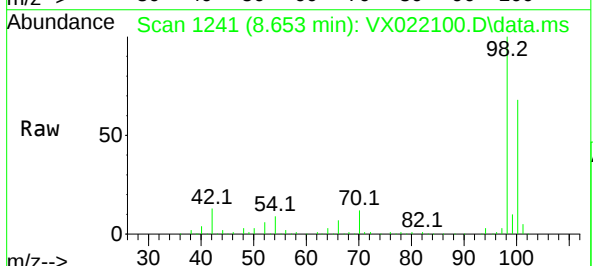
Instrument :
MSVOA_X
ClientSampleId :
VIBLK04

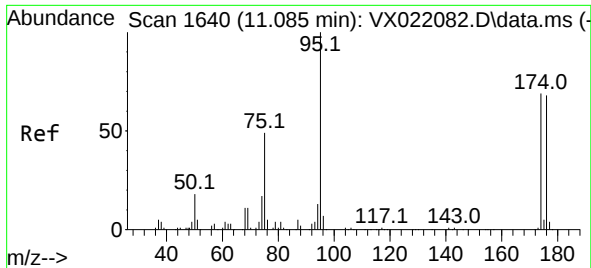
Tgt Ion: 98 Resp: 194016
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 193.7 35.4 53.0#

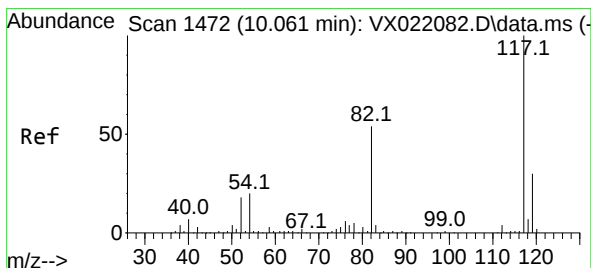
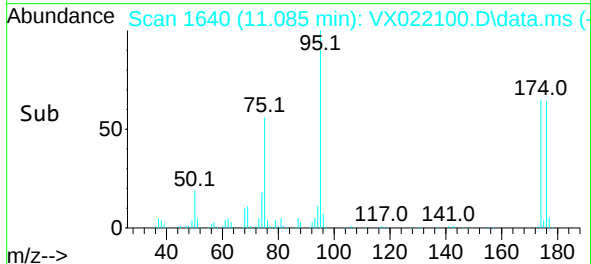
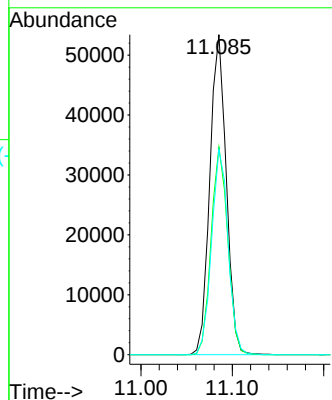
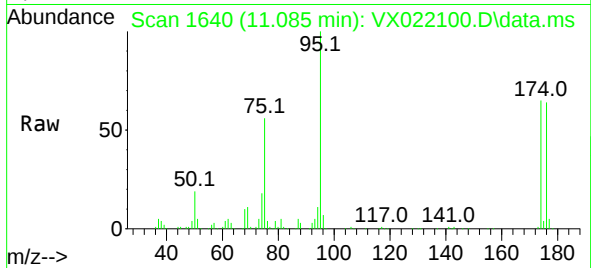




#62
4-Bromofluorobenzene
Concen: 45.51 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

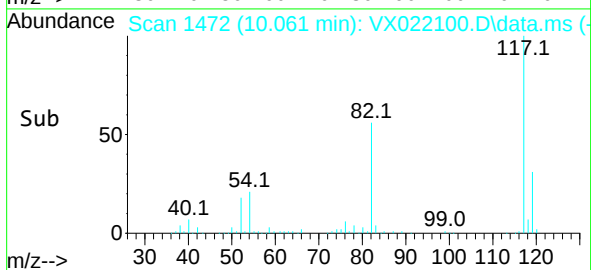
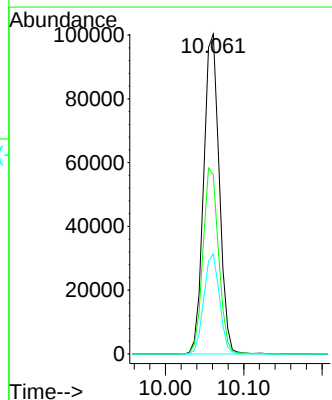
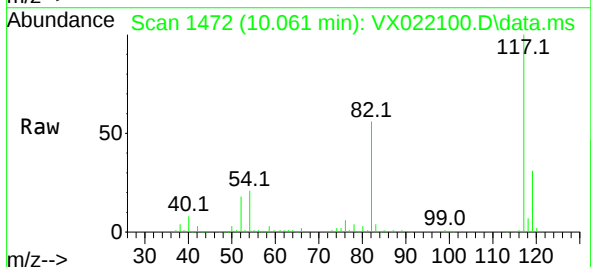
Instrument :
MSVOA_X
ClientSampleId :
VIBLK04

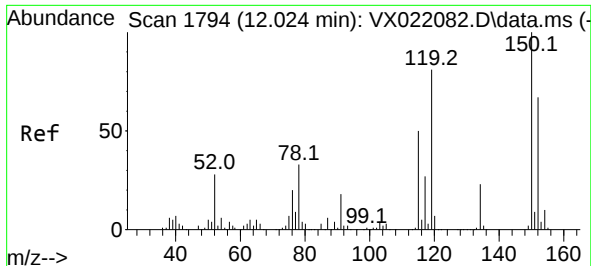
Tgt Ion: 95 Resp: 66595
Ion Ratio Lower Upper
95 100
174 65.4 0.0 154.6
176 64.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022100.D
Acq: 19 May 2021 20:05

Tgt Ion: 117 Resp: 138507
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.3 26.6 39.8

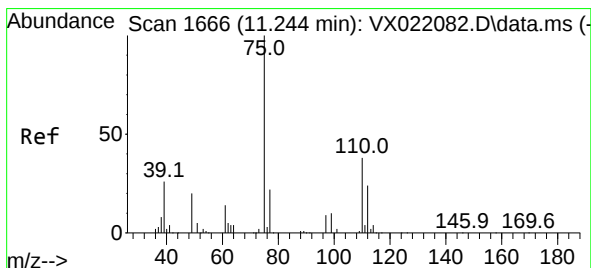
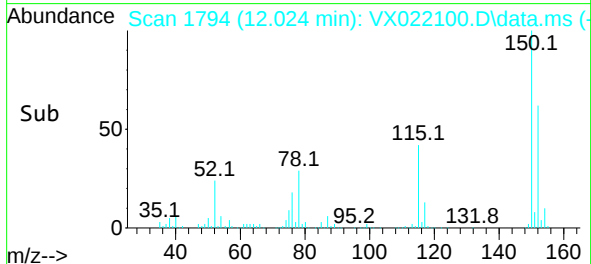
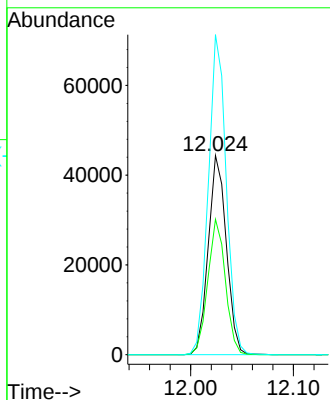
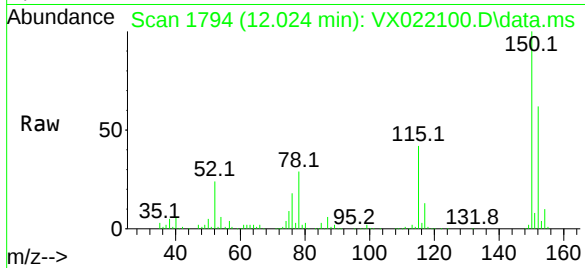




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022100.D
 Acq: 19 May 2021 20:05

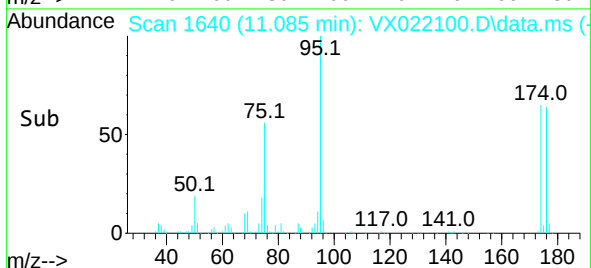
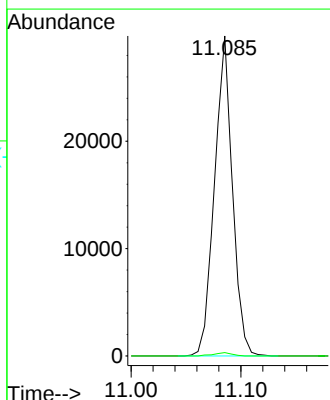
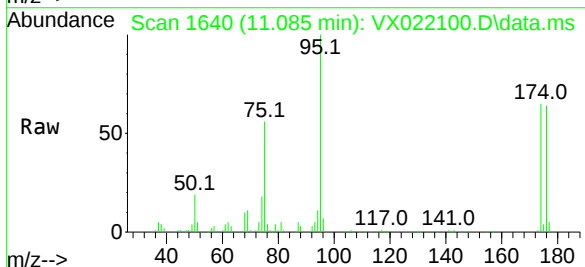
Instrument :
 MSVOA_X
 ClientSampled :
 VIBLK04

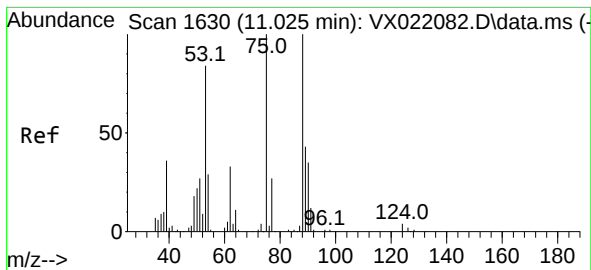
Tgt Ion:152 Resp: 54340
 Ion Ratio Lower Upper
 152 100
 115 66.2 41.1 123.3
 150 158.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.28 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022100.D
 Acq: 19 May 2021 20:05

Tgt Ion: 75 Resp: 33891
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.90 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022100.D
 Acq: 19 May 2021 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK04

Tgt Ion: 75 Resp: 33891
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

