

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022104.D
 Acq On : 21 May 2021 10:50
 Operator : JC/MD
 Sample : VX0521WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBL01

Quant Time: May 22 04:52:43 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)

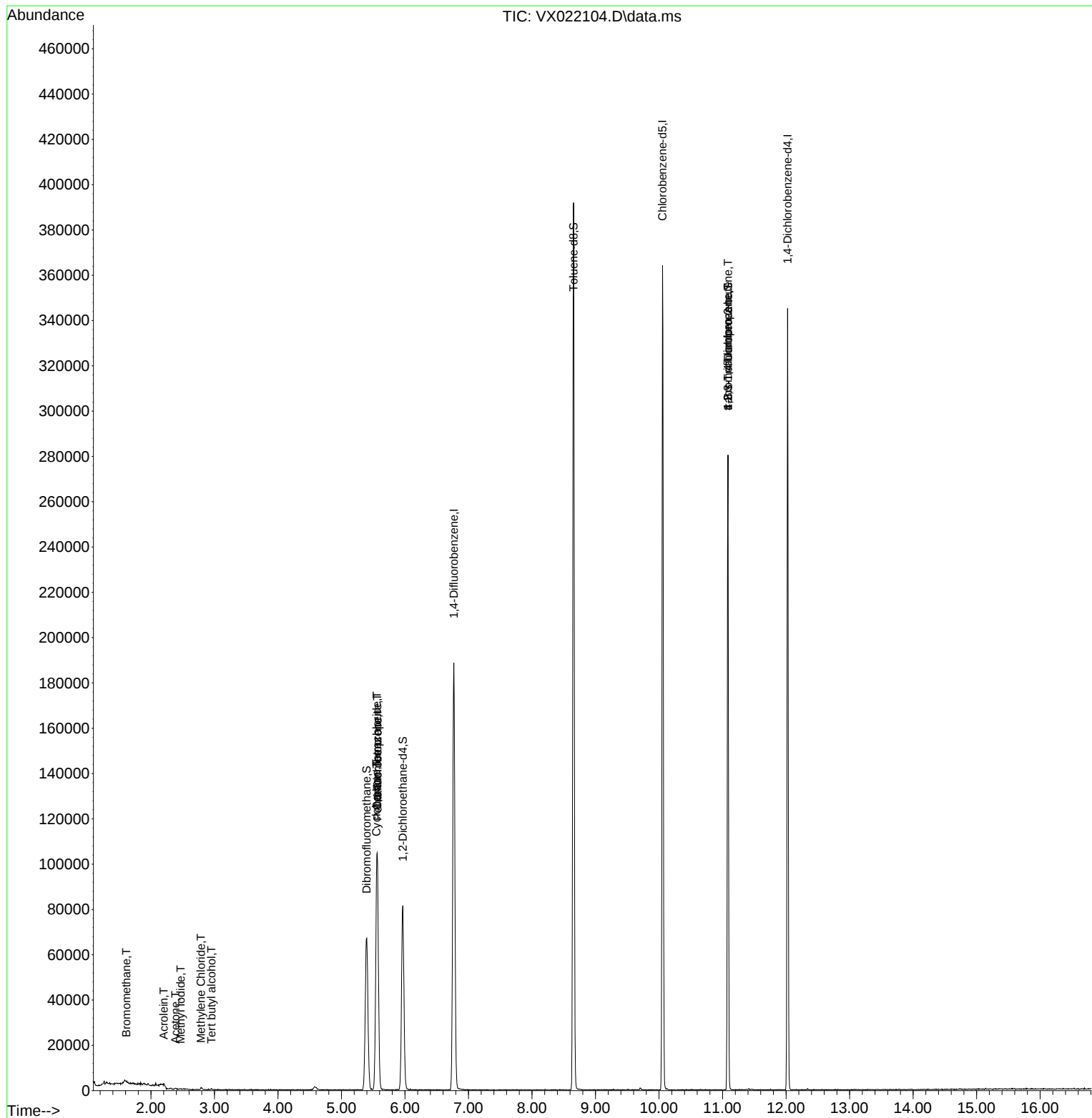
Internal Standards						
1) Pentafluorobenzene	5.568	168	94407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	191325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	72887	50.05	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 100.10%		
35) Dibromofluoromethane	5.397	113	58660	48.35	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 96.70%		
50) Toluene-d8	8.653	98	226591	48.48	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 96.96%		
62) 4-Bromofluorobenzene	11.085	95	76898	44.51	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 89.02%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	259	0.34	ug/l #	39
10) Methyl Iodide	2.465	142	257	0.21	ug/l #	66
11) Tert butyl alcohol	2.953	59	205	0.62	ug/l #	73
13) Acrolein	2.203	56	71	0.32	ug/l #	1
16) Acetone	2.386	43	588	0.93	ug/l #	40
20) Methylene Chloride	2.788	84	544	0.39	ug/l	90
31) Cyclohexane	5.550	56	2690	1.47	ug/l #	33
36) 1,1-Dichloropropene	5.562	75	8525	4.82	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10368	5.99	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	39635	25.40	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	39635	60.18	ug/l #	12

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

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Quant Time: May 22 04:52:43 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

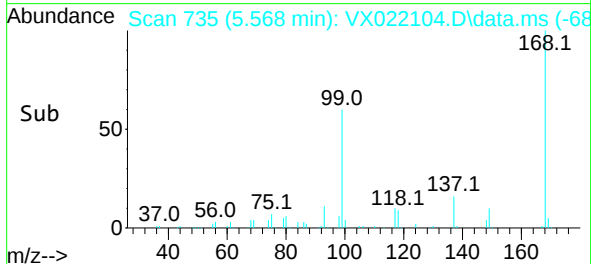
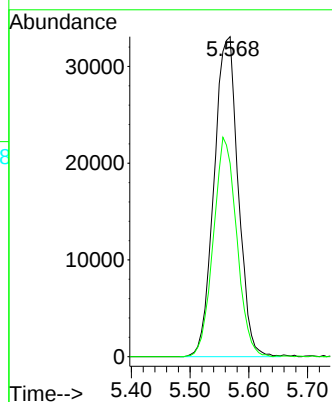
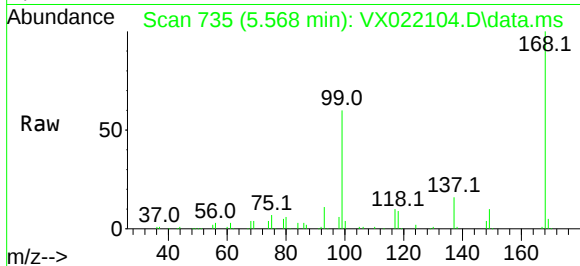




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

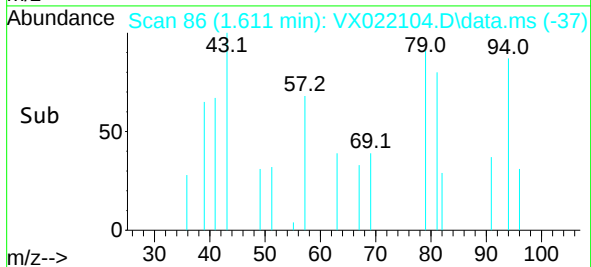
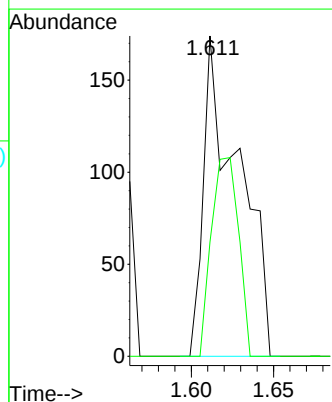
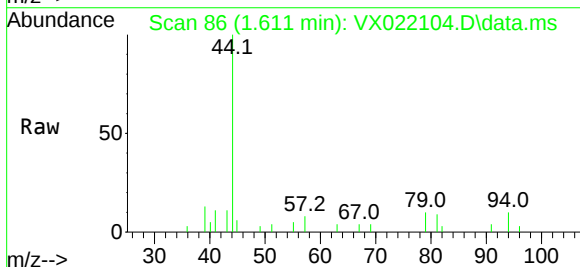
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

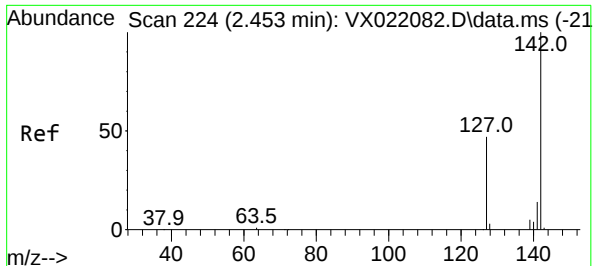
Tgt Ion:168 Resp: 94407
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 35.6 76.4 114.6#

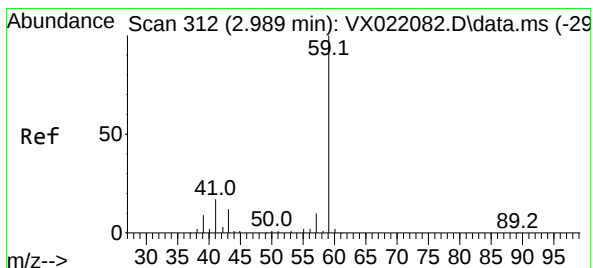
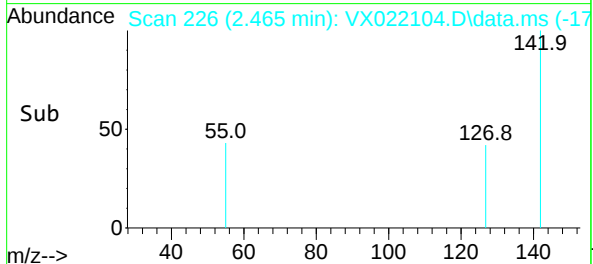
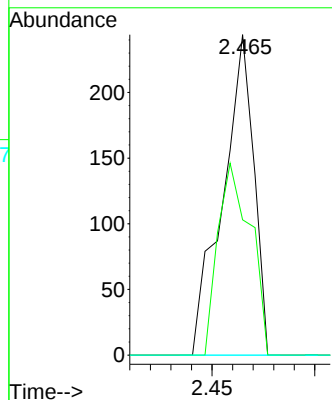
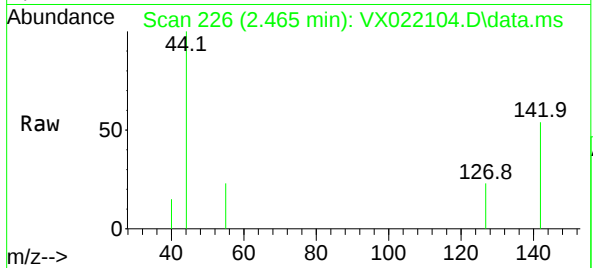




#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

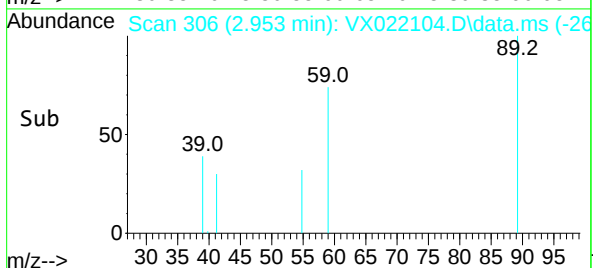
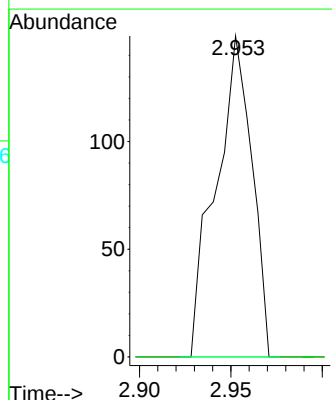
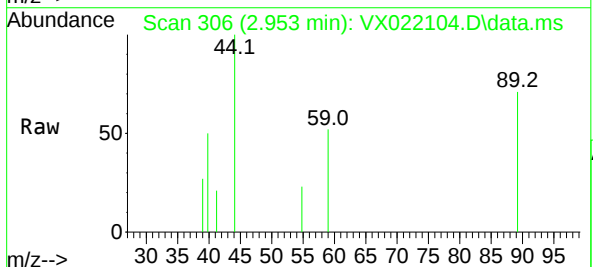
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

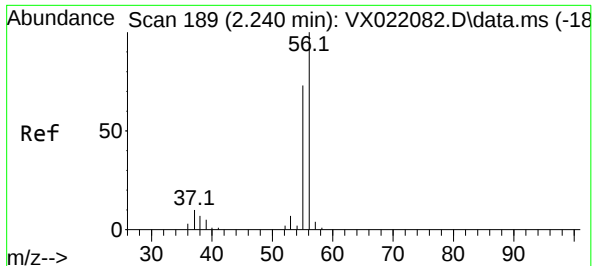
Tgt Ion:142 Resp: 257
Ion Ratio Lower Upper
142 100
127 62.6 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

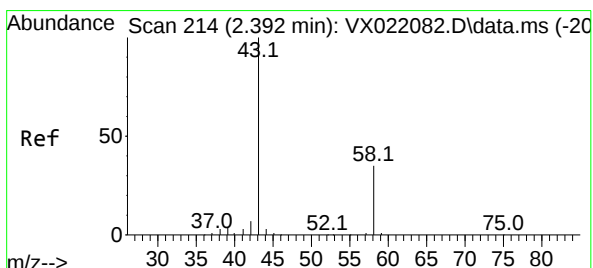
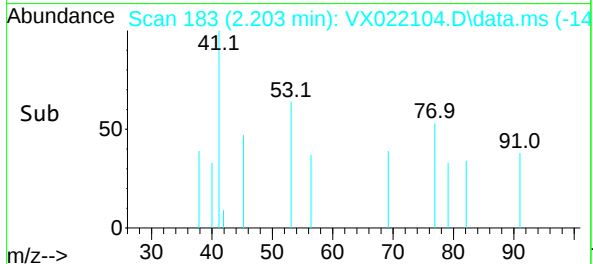
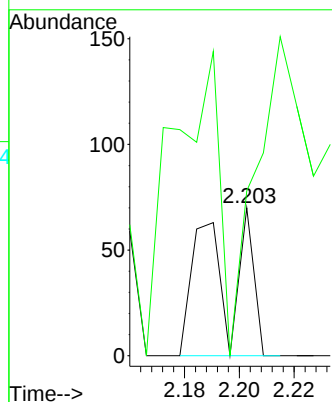
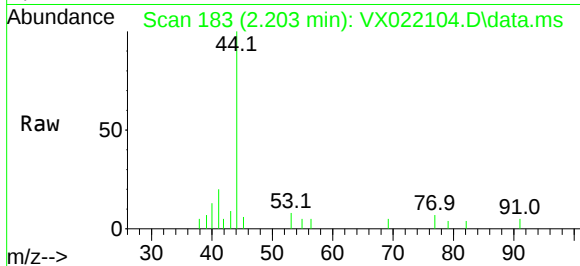




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.037 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

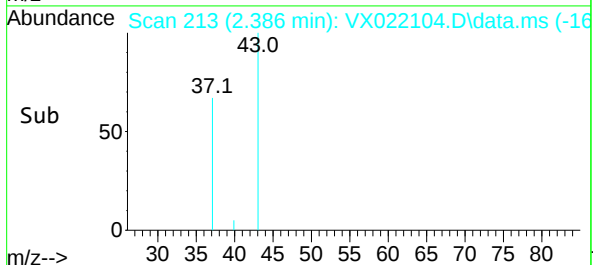
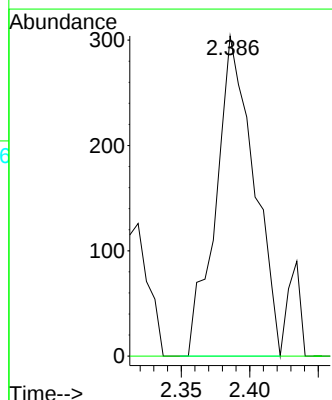
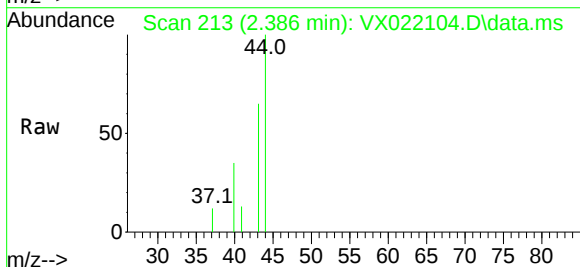
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

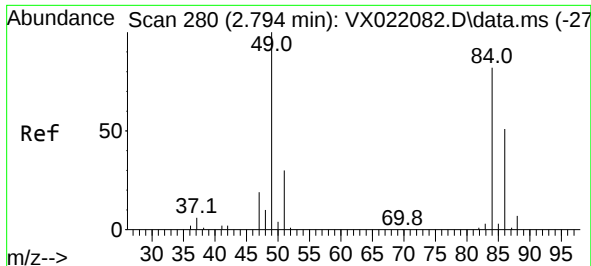
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 236.6 56.4 84.6#



#16
Acetone
Concen: 0.93 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.39 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022104.D

Acq: 21 May 2021 10:50

Tgt Ion: 84 Resp: 544

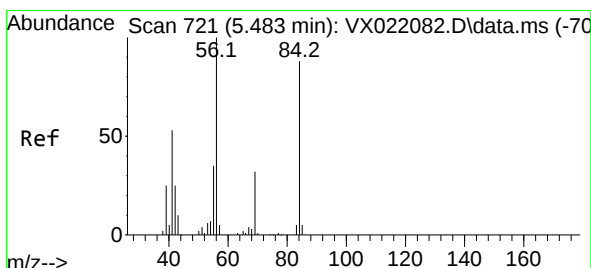
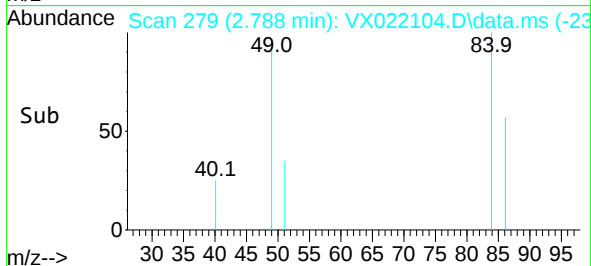
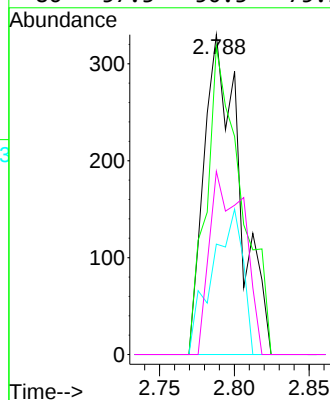
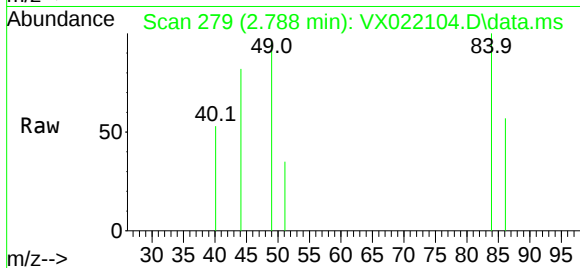
Ion Ratio Lower Upper

84 100

49 96.4 88.6 132.8

51 34.5 27.0 40.6

86 57.3 50.3 75.5



#31

Cyclohexane

Concen: 1.47 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.067 min

Lab File: VX022104.D

Acq: 21 May 2021 10:50

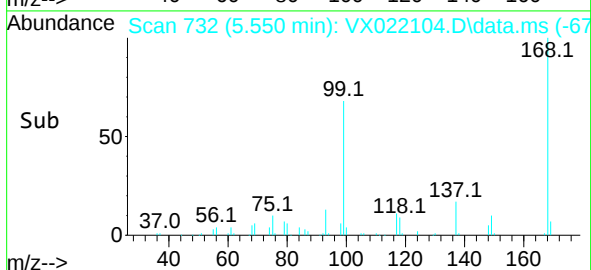
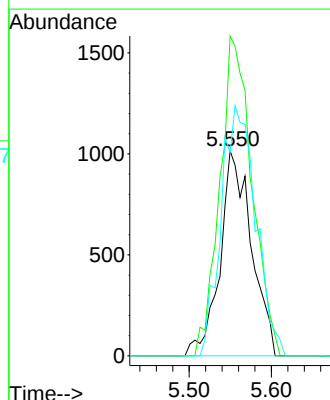
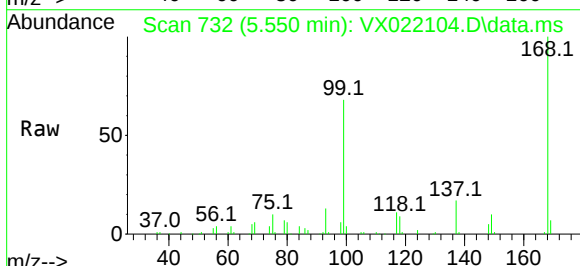
Tgt Ion: 56 Resp: 2690

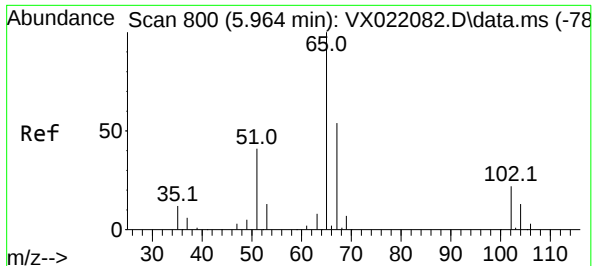
Ion Ratio Lower Upper

56 100

69 156.1 25.3 37.9#

84 99.3 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 50.05 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022104.D

Acq: 21 May 2021 10:50

Tgt Ion: 65 Resp: 72887

Ion Ratio Lower Upper

65 100

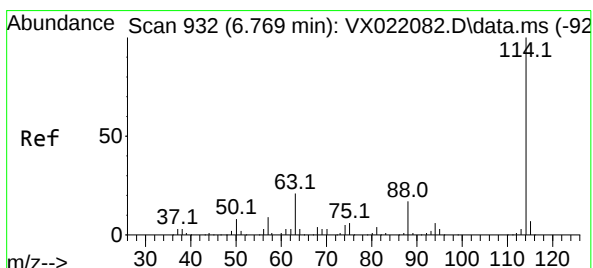
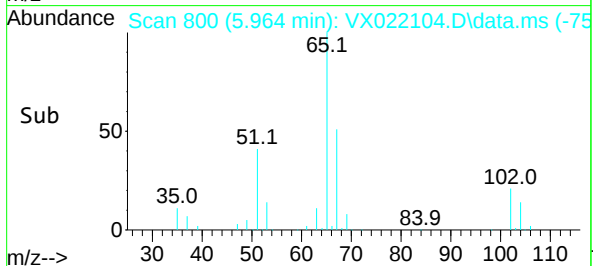
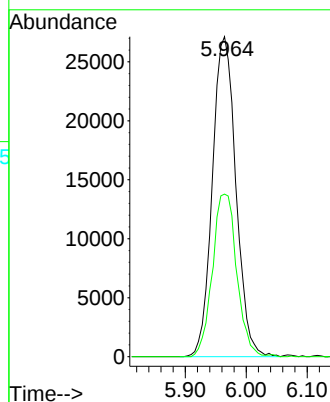
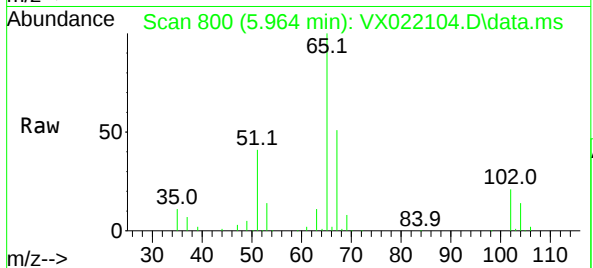
67 52.3 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022104.D

Acq: 21 May 2021 10:50

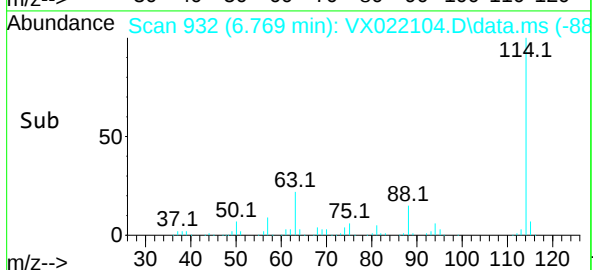
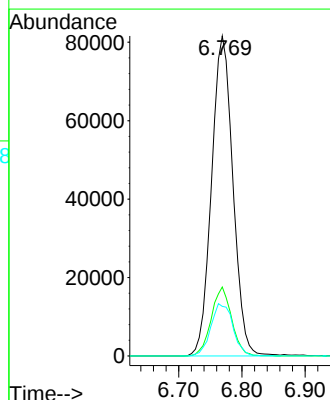
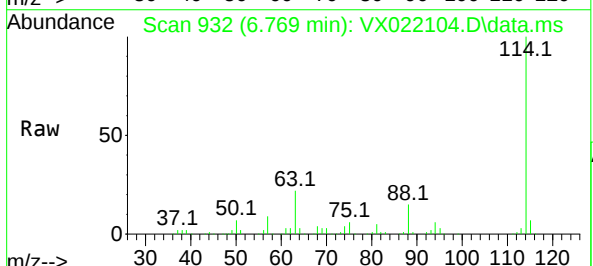
Tgt Ion: 114 Resp: 191325

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 15.5 0.0 32.8

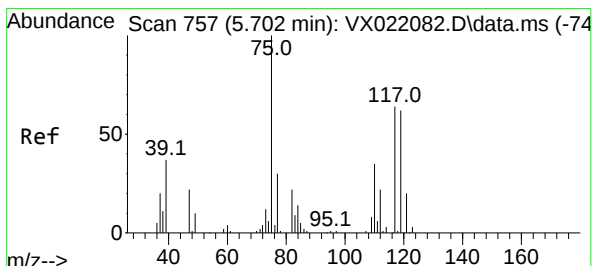
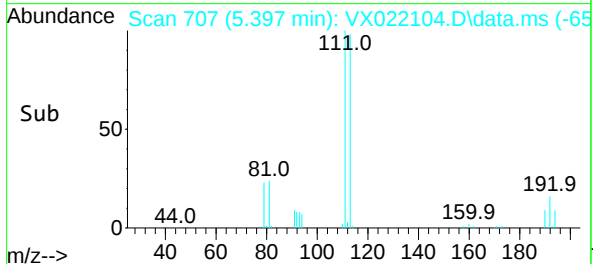
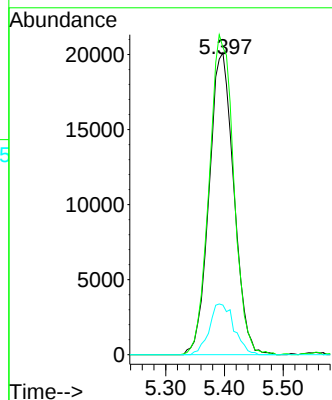
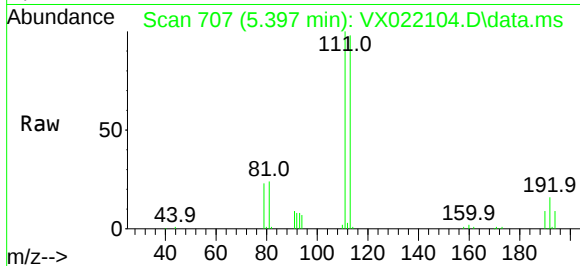




#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

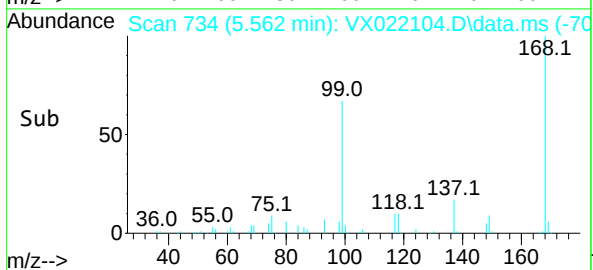
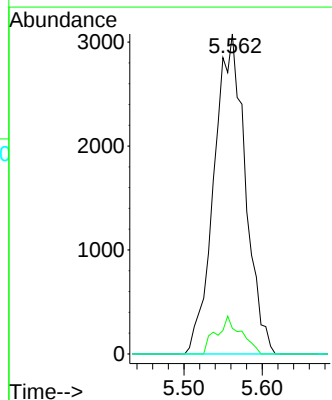
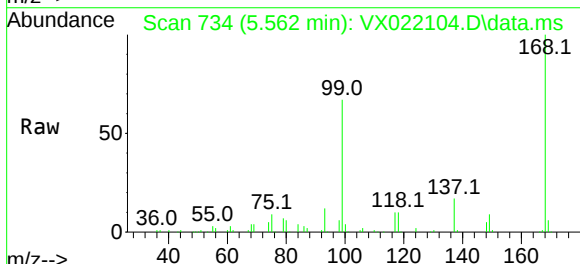
Instrument :
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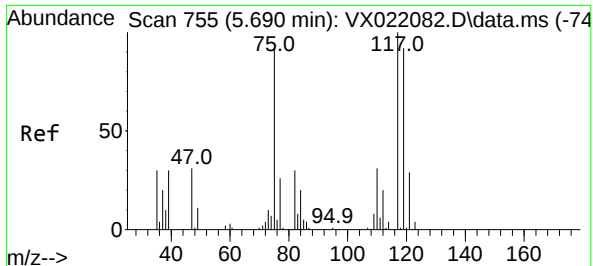
Tgt Ion:113 Resp: 58660
Ion Ratio Lower Upper
113 100
111 105.6 81.9 122.9
192 16.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

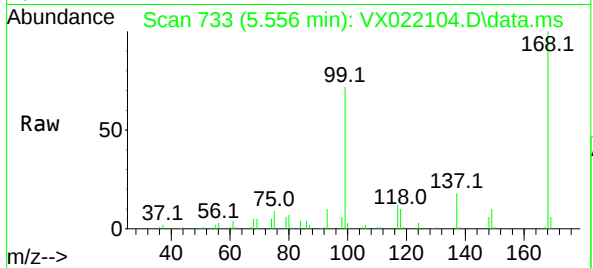
Tgt Ion: 75 Resp: 8525
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



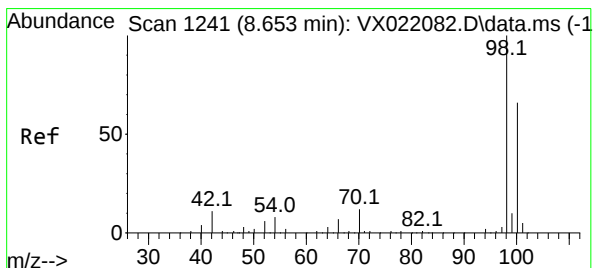
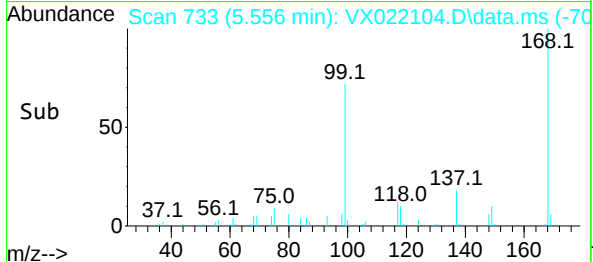
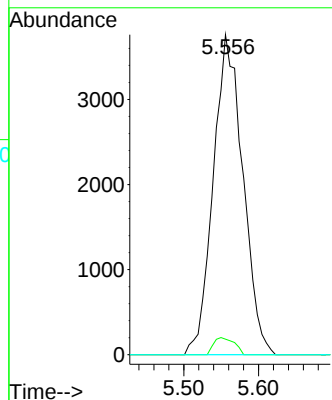


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

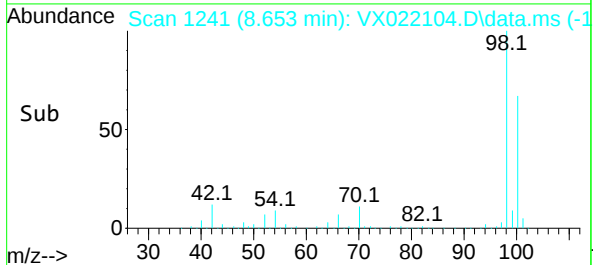
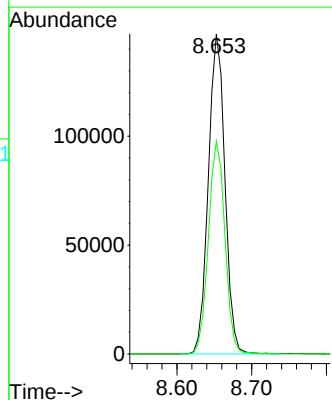
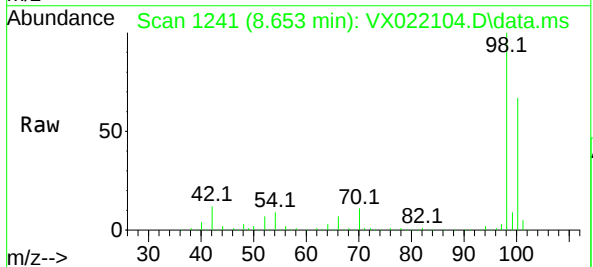


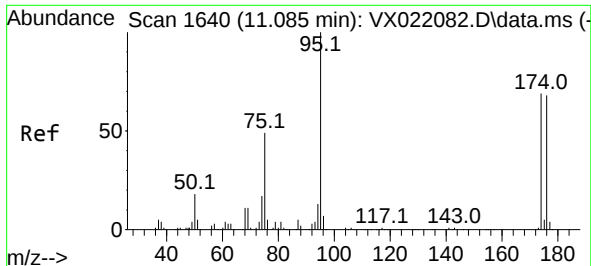
Tgt Ion:117 Resp: 10368
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.48 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

Tgt Ion: 98 Resp: 226591
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

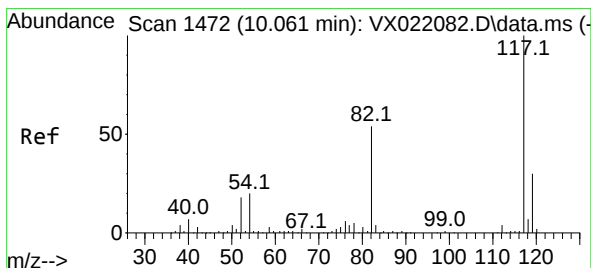
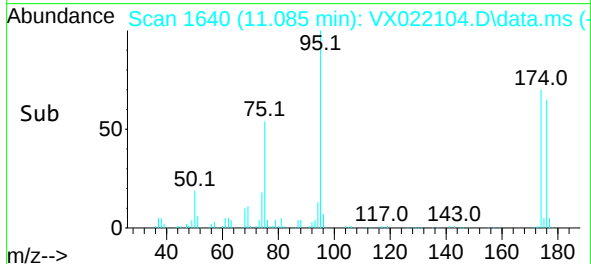
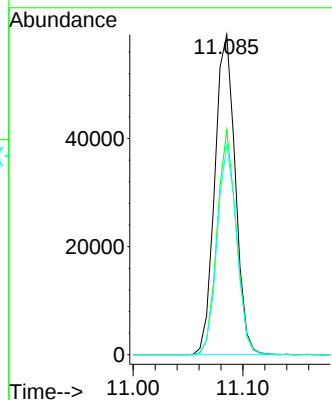
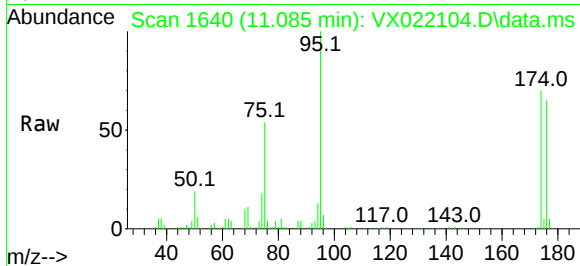




#62
4-Bromofluorobenzene
Concen: 44.51 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

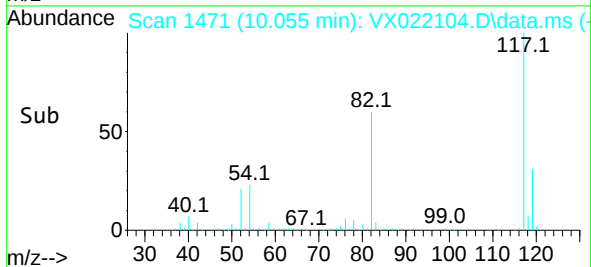
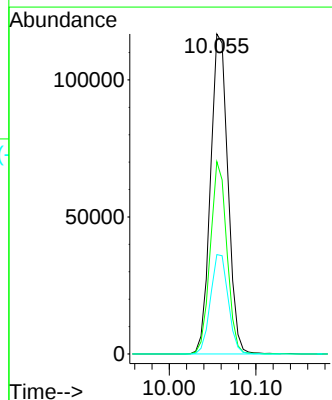
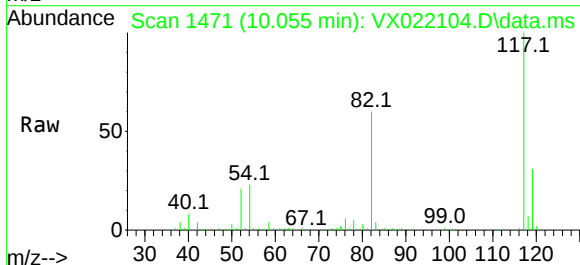
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

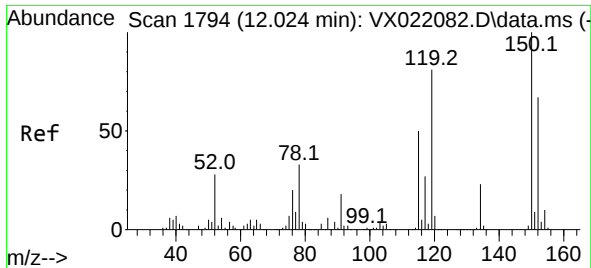
Tgt Ion: 95 Resp: 76898
Ion Ratio Lower Upper
95 100
174 65.7 0.0 154.6
176 62.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022104.D
Acq: 21 May 2021 10:50

Tgt Ion: 117 Resp: 163016
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 31.0 26.6 39.8

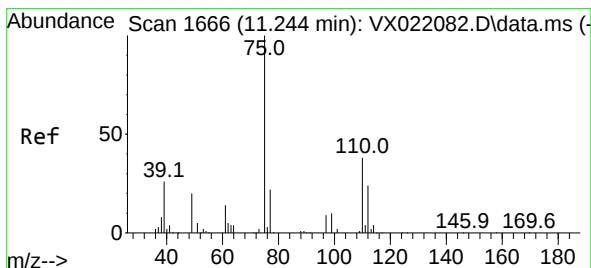
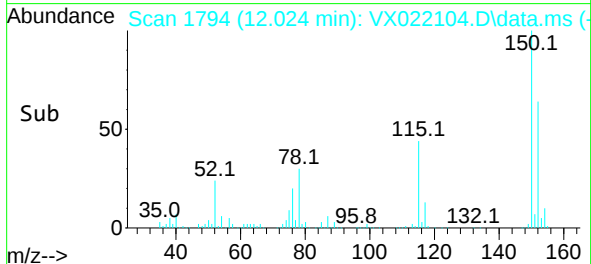
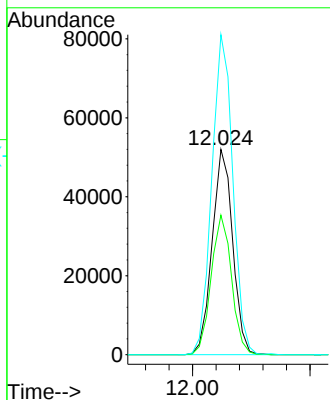
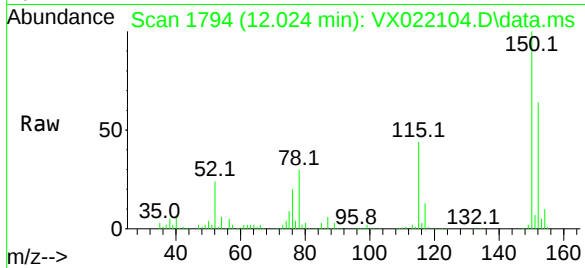




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022104.D
 Acq: 21 May 2021 10:50

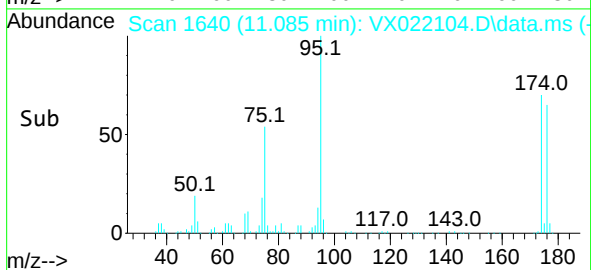
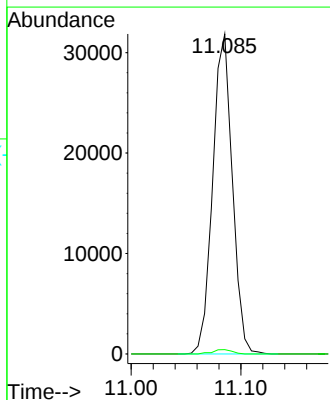
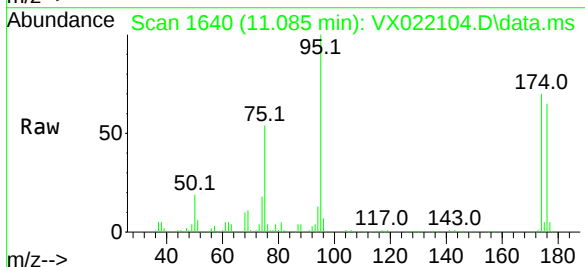
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBL01

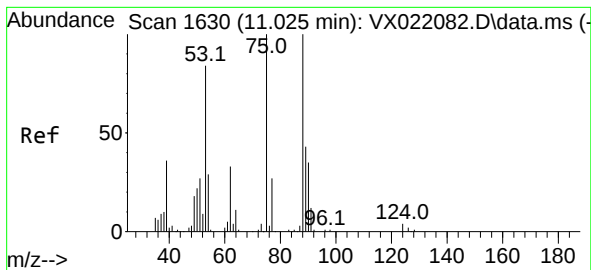
Tgt Ion:152 Resp: 63257
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 159.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.40 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022104.D
 Acq: 21 May 2021 10:50

Tgt Ion: 75 Resp: 39635
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 60.18 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022104.D

Acq: 21 May 2021 10:50

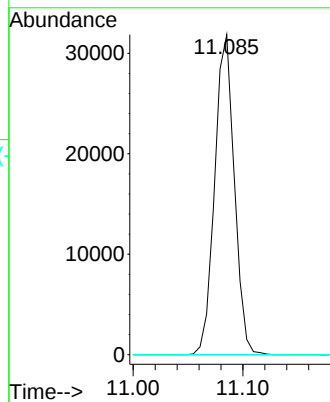
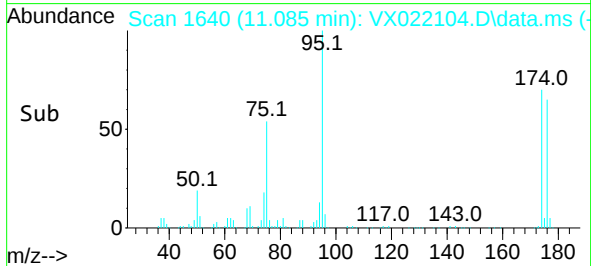
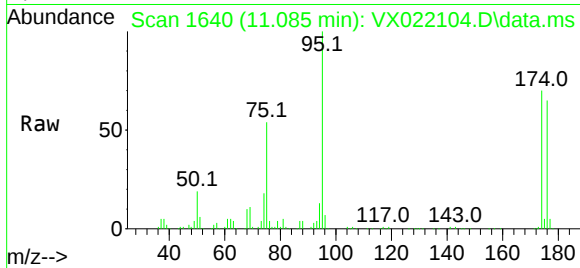
Tgt Ion: 75 Resp: 39635

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#



Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01