

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021990.D
 Acq On : 14 May 2021 13:10
 Operator : JC/MD
 Sample : M2383-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02-05122021

Quant Time: May 15 01:03:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

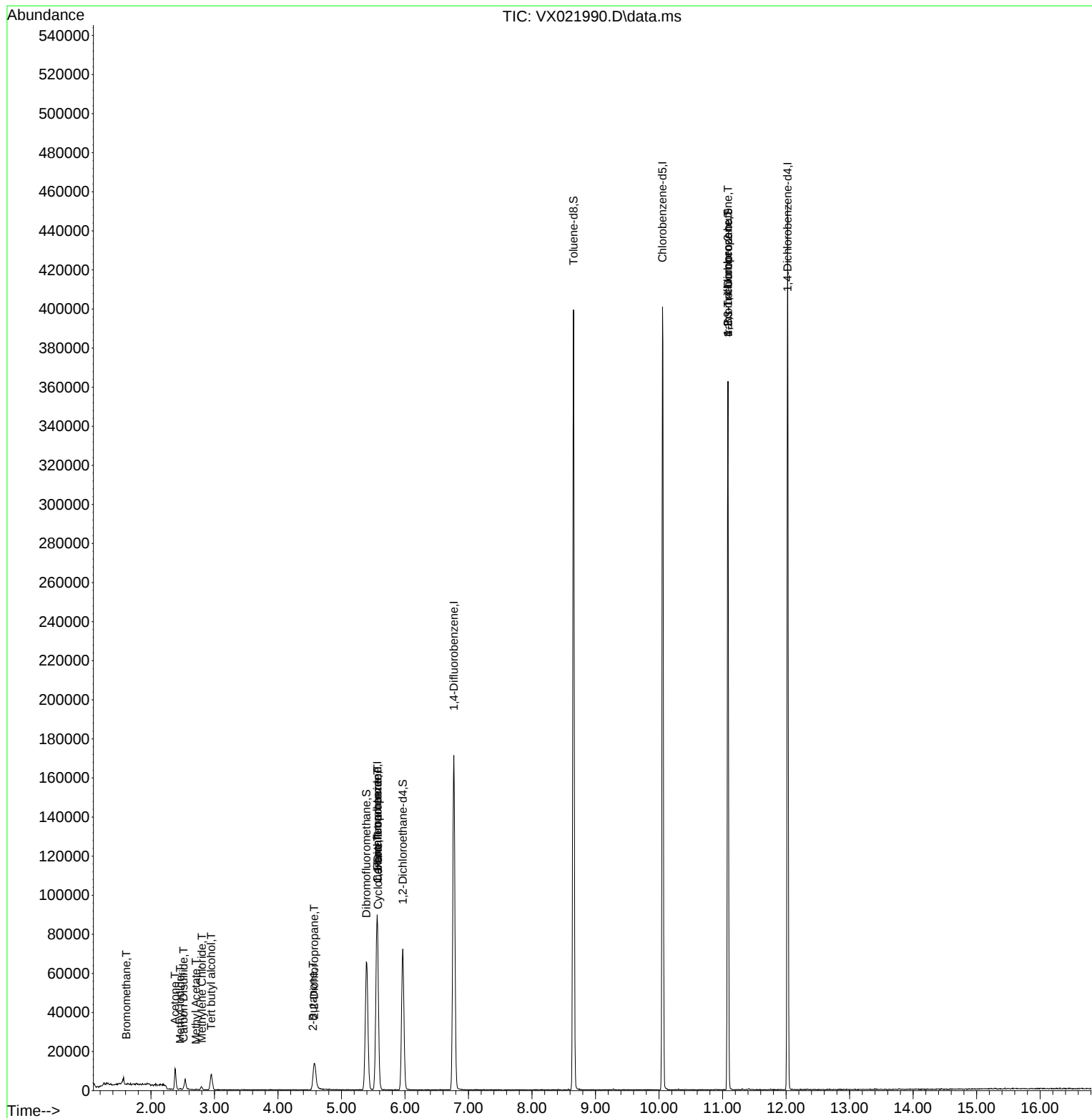
Internal Standards						
1) Pentafluorobenzene	5.562	168	78449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	175018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66126	51.22	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.44%	
35) Dibromofluoromethane	5.391	113	58341	48.64	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.28%	
50) Toluene-d8	8.653	98	227380	49.68	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.36%	
62) 4-Bromofluorobenzene	11.085	95	100872	55.84	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.68%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	142	0.27	ug/l	87
10) Methyl Iodide	2.459	142	480	0.40	ug/l #	68
11) Tert butyl alcohol	2.947	59	5353	15.54	ug/l #	74
13) Acrolein	2.239	56	22	Below Cal	#	14
16) Acetone	2.380	43	10969	18.94	ug/l	99
17) Carbon Disulfide	2.514	76	1217	0.41	ug/l #	87
18) Methyl Acetate	2.709	43	402	0.25	ug/l #	47
20) Methylene Chloride	2.800	84	764	0.78	ug/l #	88
25) 2-Butanone	4.550	43	390	0.39	ug/l #	45
26) 2,2-Dichloropropane	4.568	77	1039	0.56	ug/l #	52
31) Cyclohexane	5.574	56	2021	1.19	ug/l #	39
36) 1,1-Dichloropropene	5.568	75	7282	3.93	ug/l #	41
38) Carbon Tetrachloride	5.568	117	8997	4.85	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	50302	21.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50302	49.14	ug/l #	12

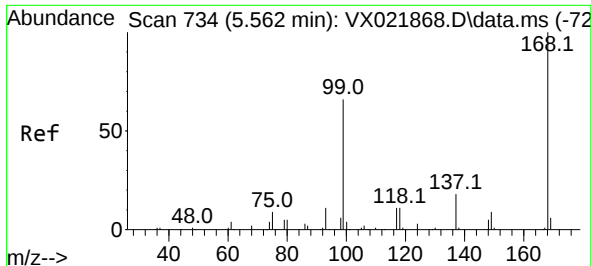
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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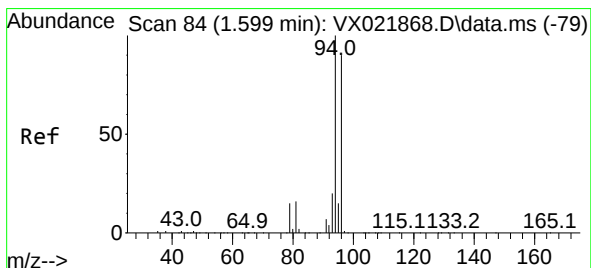
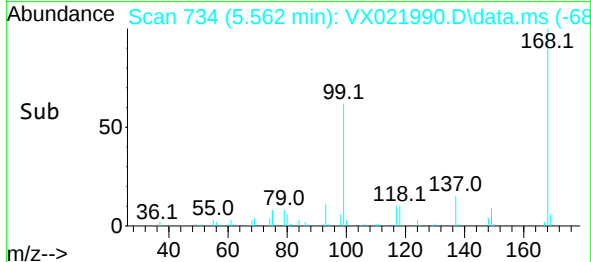
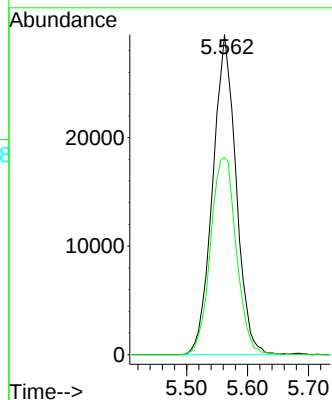
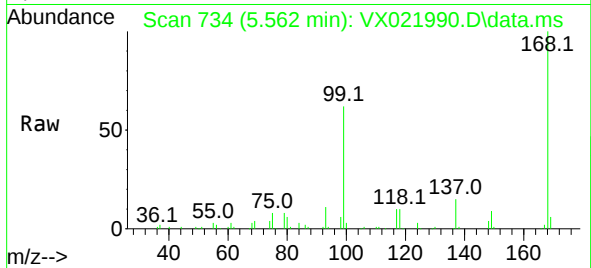




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

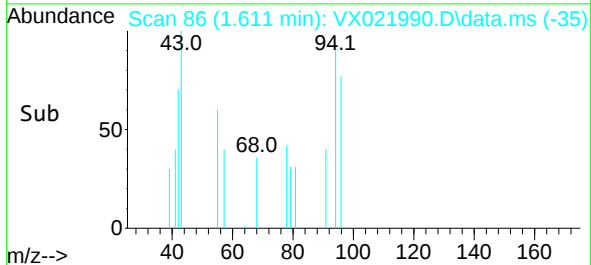
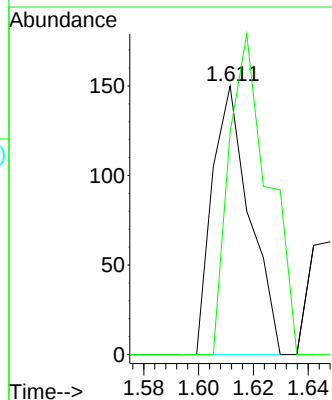
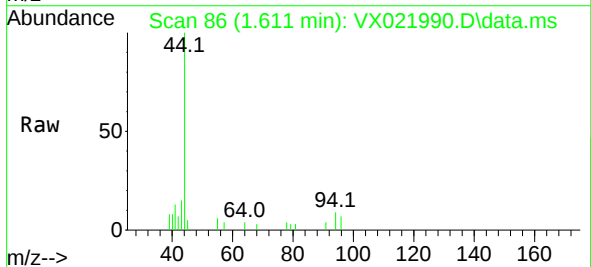
Instrument :
MSVOA_X
ClientSampleId :
FB-02-05122021

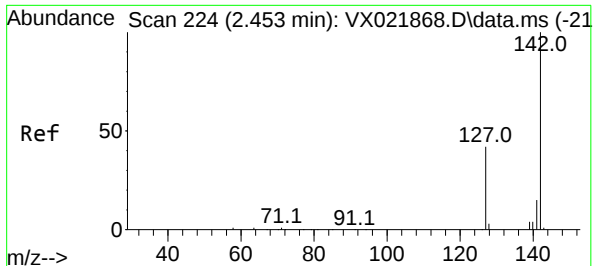
Tgt Ion:168 Resp: 78449
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

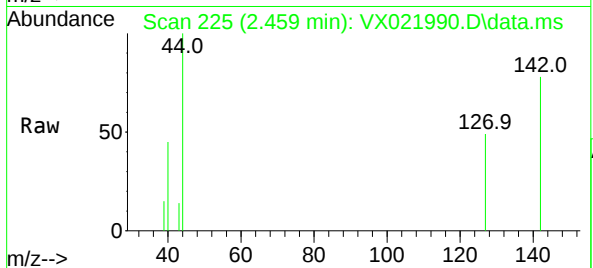
Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 82.7 76.4 114.6



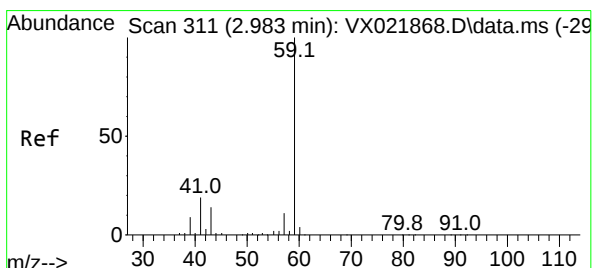
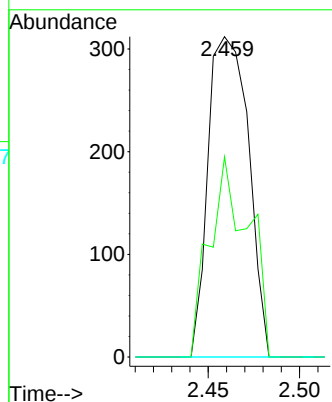
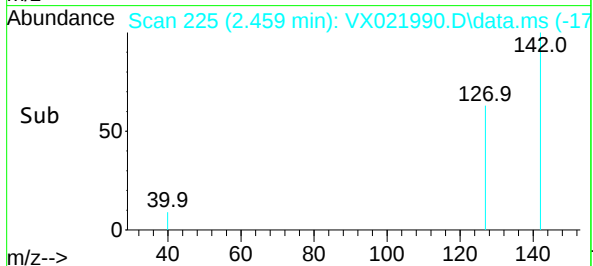


#10
Methyl Iodide
Concen: 0.40 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

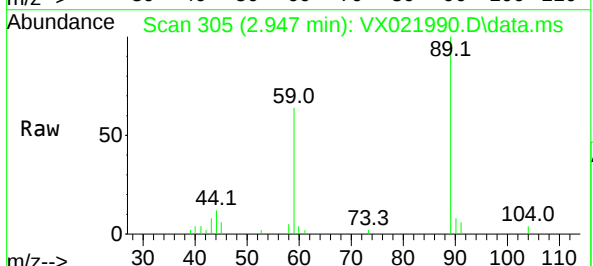
Instrument :
MSVOA_X
ClientSampleId :
FB-02-05122021



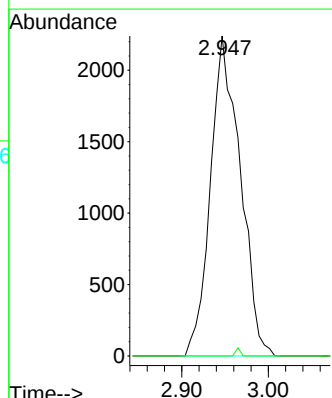
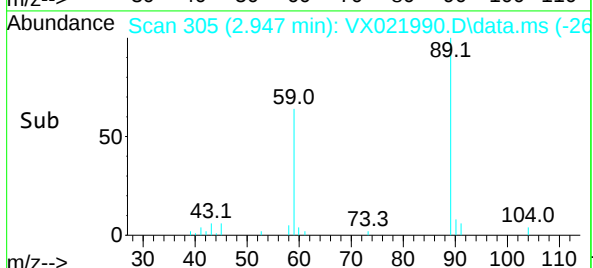
Tgt Ion:142 Resp: 480
Ion Ratio Lower Upper
142 100
127 60.8 33.3 49.9#
141 0.0 11.4 17.0#

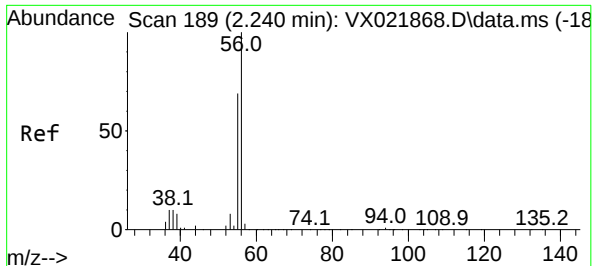


#11
Tert butyl alcohol
Concen: 15.54 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10



Tgt Ion: 59 Resp: 5353
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

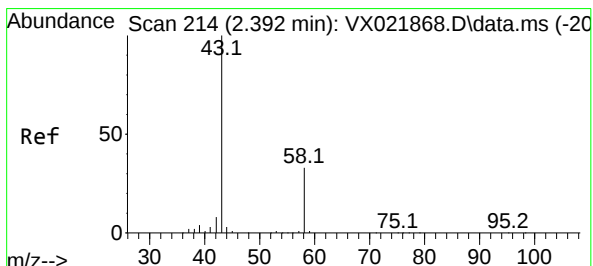
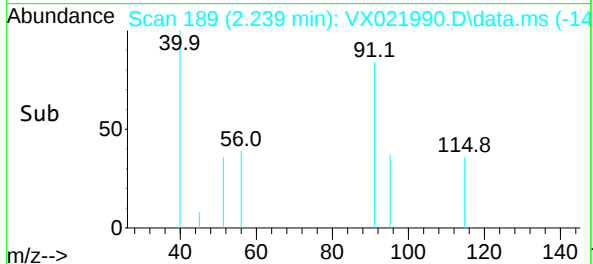
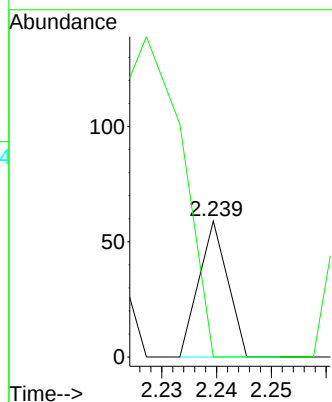
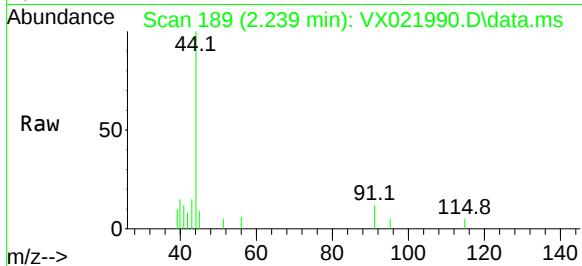




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

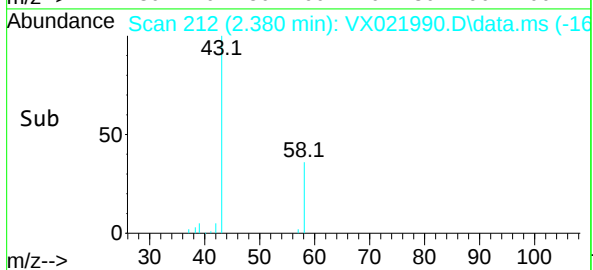
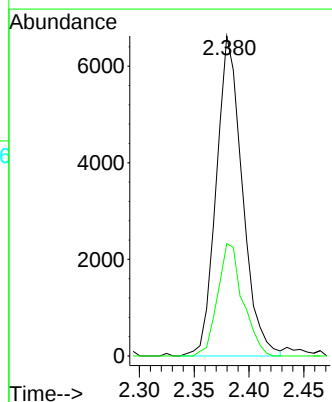
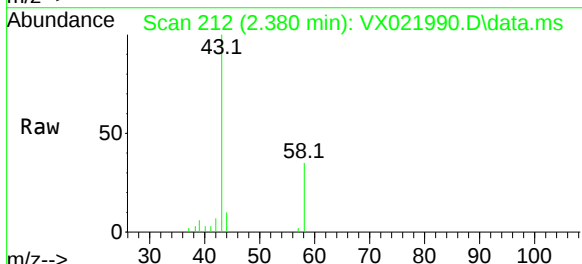
Instrument :
MSVOA_X
ClientSampleId :
FB-02-05122021

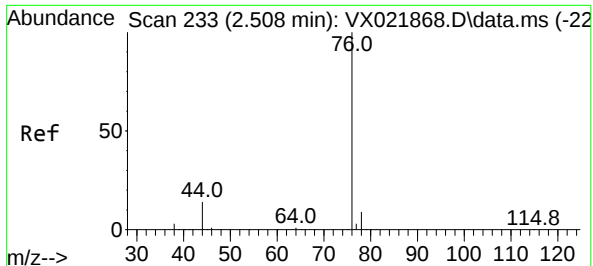
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 18.94 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

Tgt Ion: 43 Resp: 10969
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8

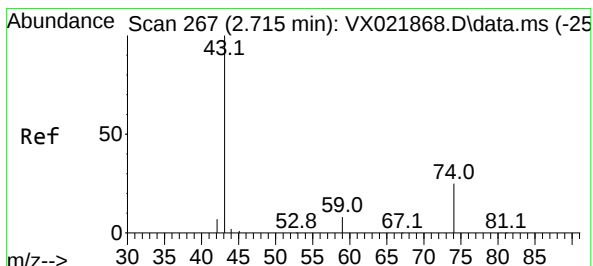
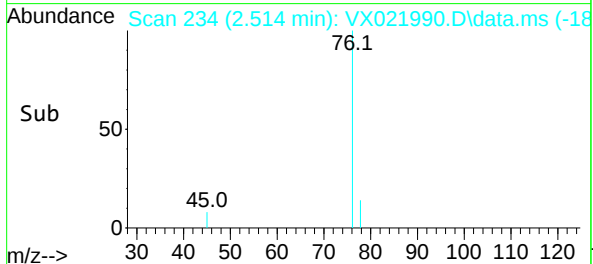
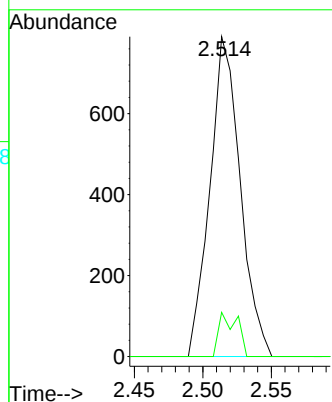
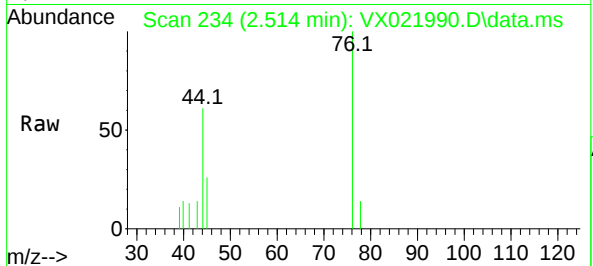




#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

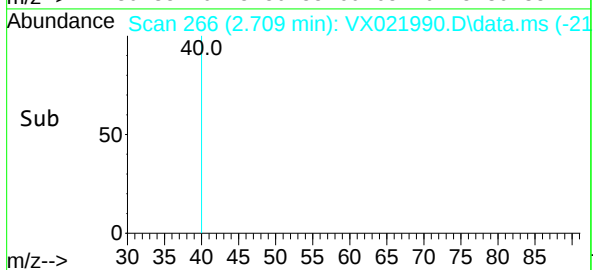
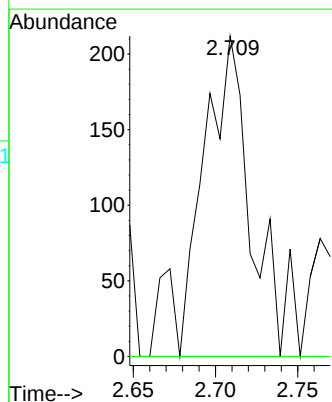
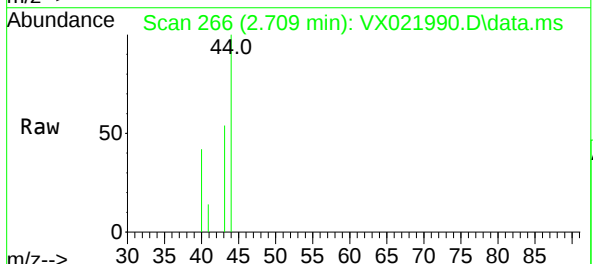
Instrument :
MSVOA_X
ClientSampleId :
FB-02-05122021

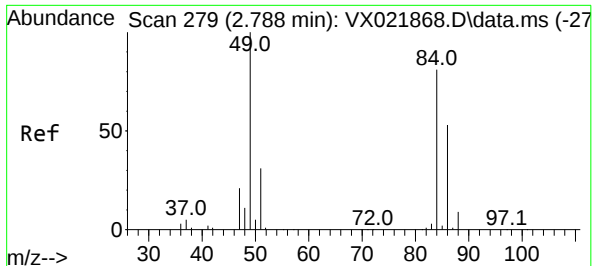
Tgt Ion: 76 Resp: 1217
Ion Ratio Lower Upper
76 100
78 13.8 7.2 10.8#



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.78 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX021990.D

Acq: 14 May 2021 13:10

Tgt Ion: 84 Resp: 764

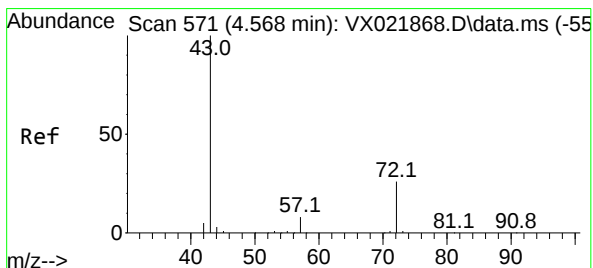
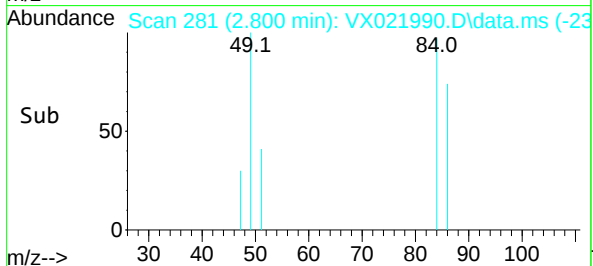
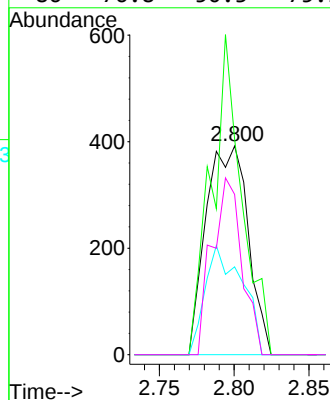
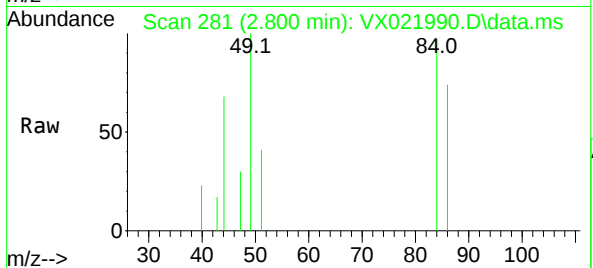
Ion Ratio Lower Upper

84 100

49 103.3 88.6 132.8

51 42.1 27.0 40.6#

86 76.8 50.3 75.5#



#25

2-Butanone

Concen: 0.39 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.018 min

Lab File: VX021990.D

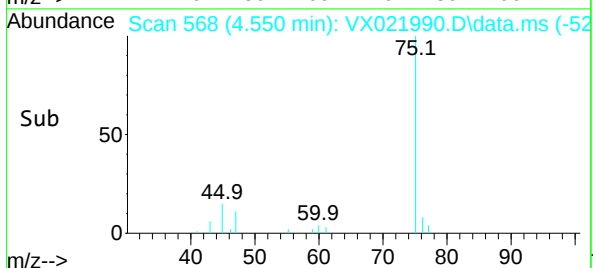
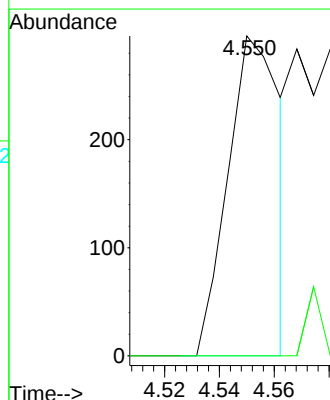
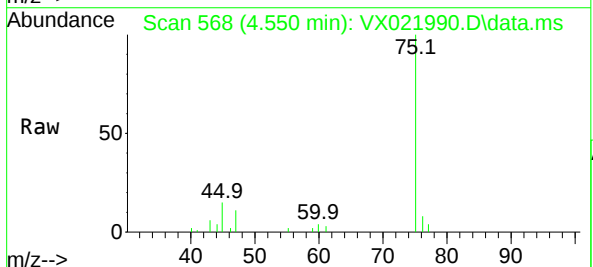
Acq: 14 May 2021 13:10

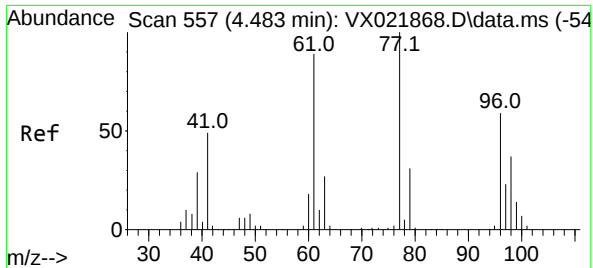
Tgt Ion: 43 Resp: 390

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

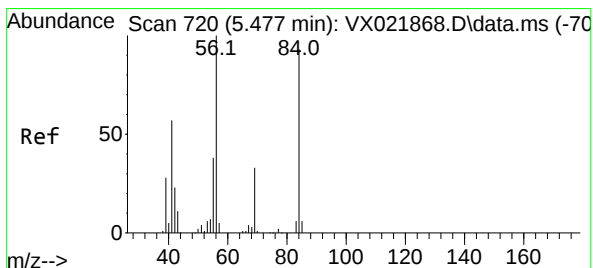
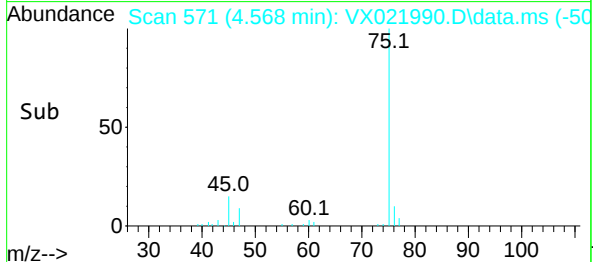
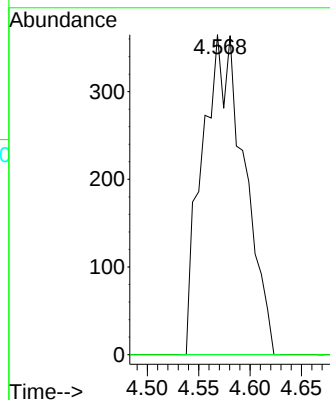
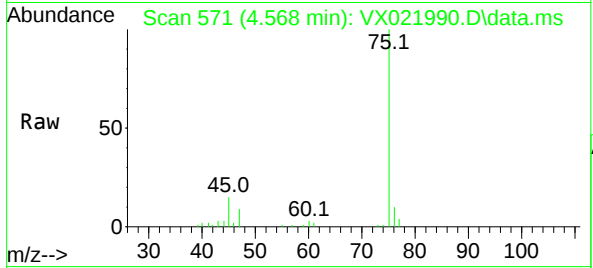




#26
2,2-Dichloropropane
Concen: 0.56 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.085 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

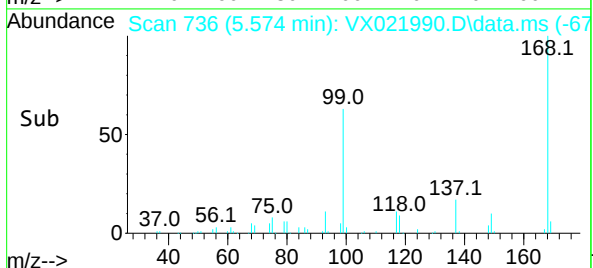
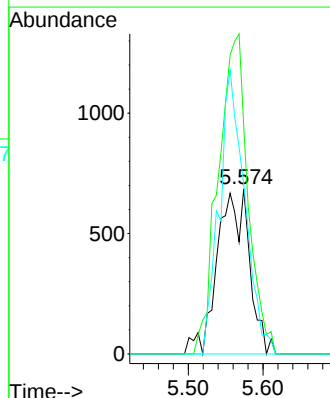
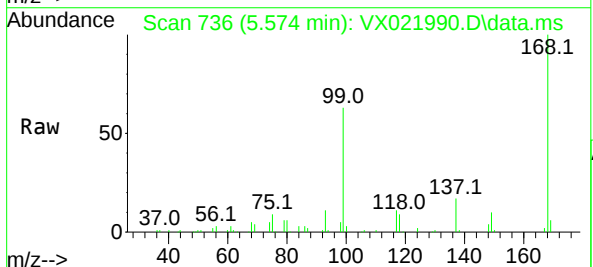
Instrument :
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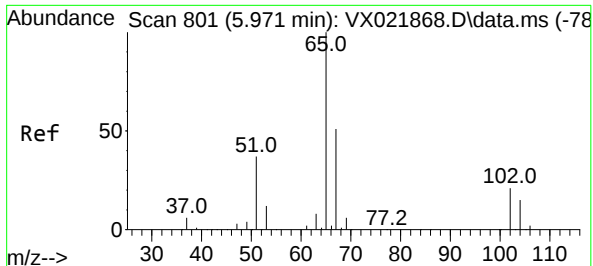
Tgt Ion: 77 Resp: 1039
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.097 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

Tgt Ion: 56 Resp: 2021
Ion Ratio Lower Upper
56 100
69 138.0 25.3 37.9#
84 103.1 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.22 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX021990.D

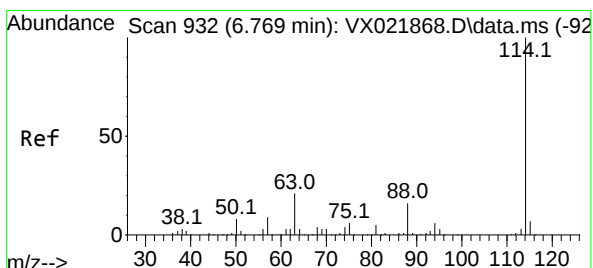
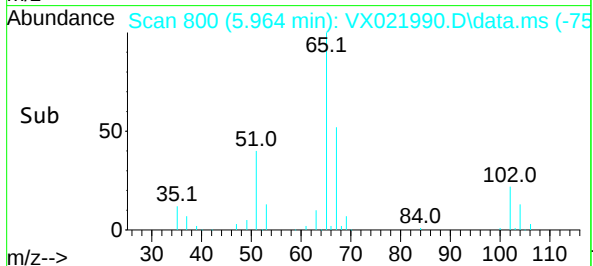
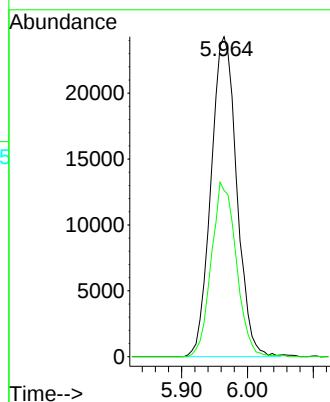
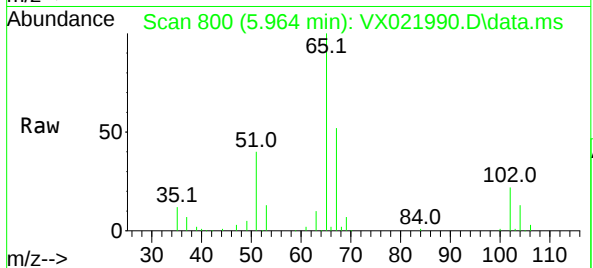
Acq: 14 May 2021 13:10

Tgt Ion: 65 Resp: 66126

Ion Ratio Lower Upper

65 100

67 52.8 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: VX021990.D

Acq: 14 May 2021 13:10

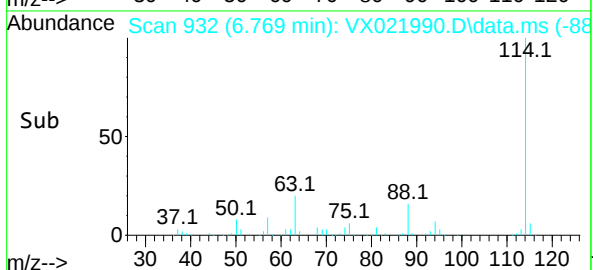
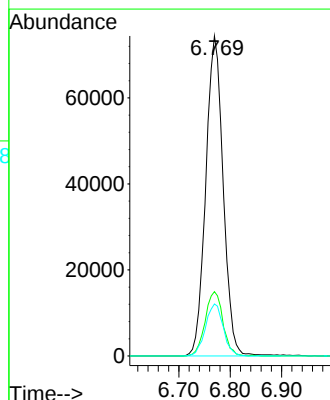
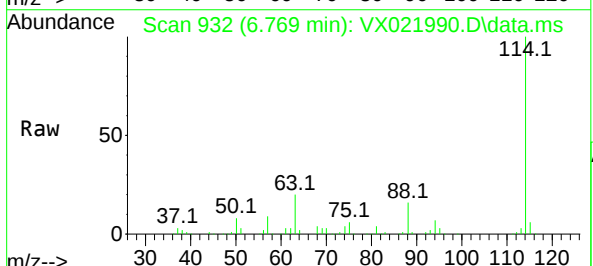
Tgt Ion: 114 Resp: 175018

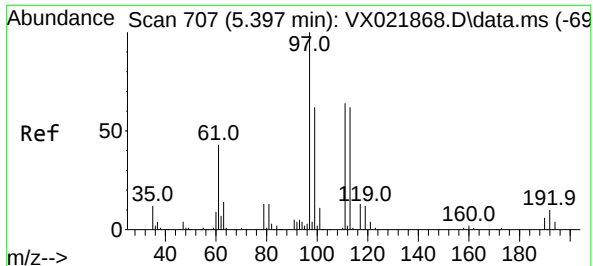
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 16.3 0.0 32.8

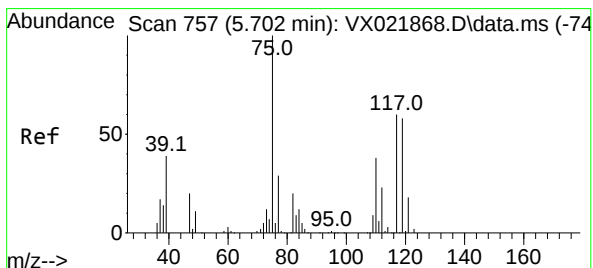
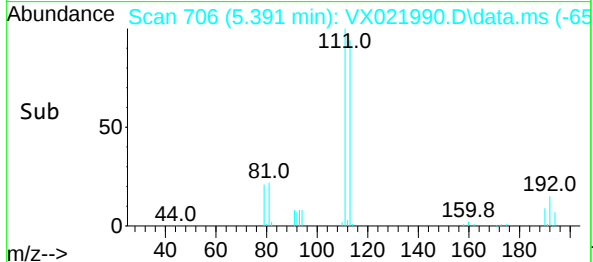
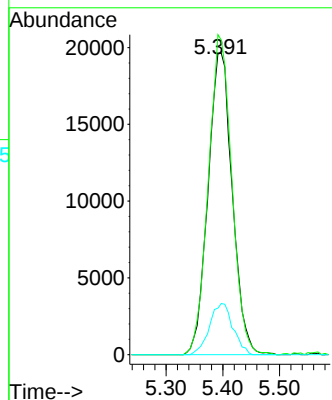
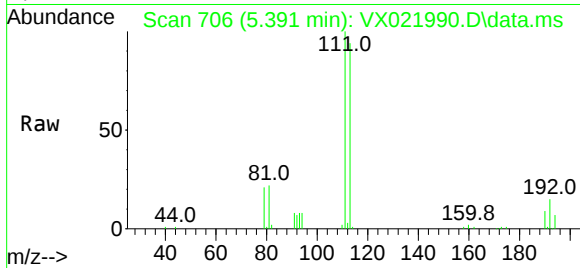




#35
Dibromofluoromethane
Concen: 48.64 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

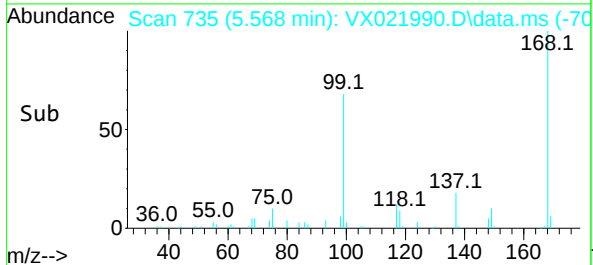
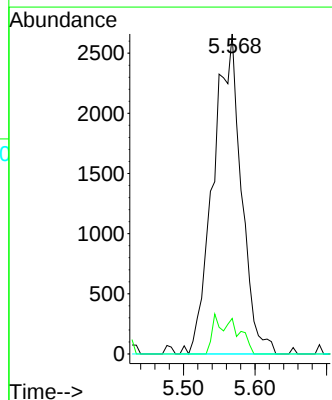
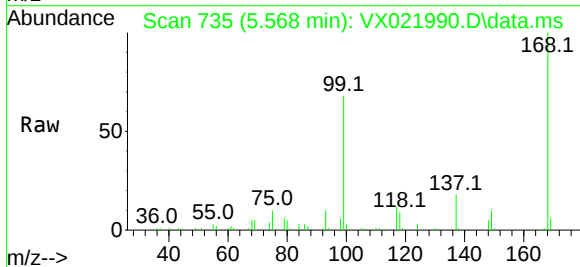
Instrument :
MSVOA_X
ClientSampleId :
FB-02-05122021

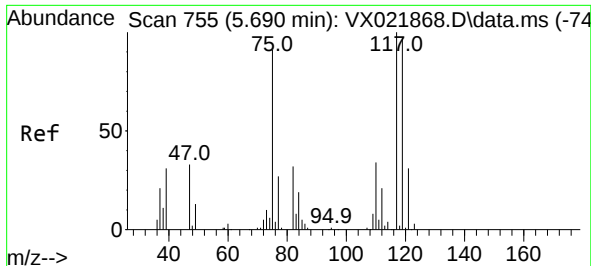
Tgt Ion:113 Resp: 58341
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 16.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 3.93 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

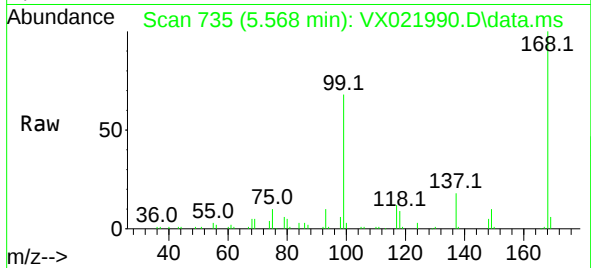
Tgt Ion: 75 Resp: 7282
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#



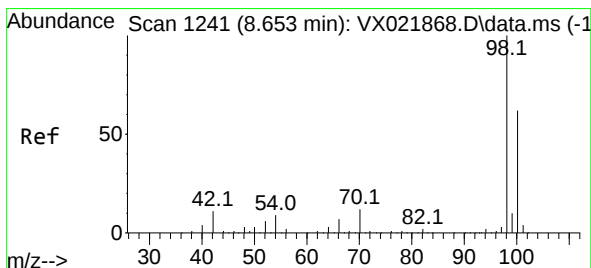
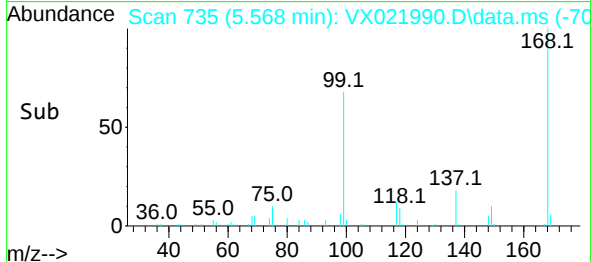
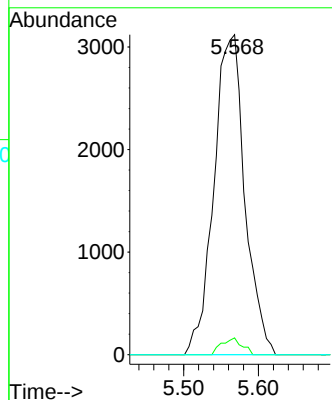


#38
Carbon Tetrachloride
Concen: 4.85 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

Instrument :
MSVOA_X
ClientSampleId :
FB-02-05122021

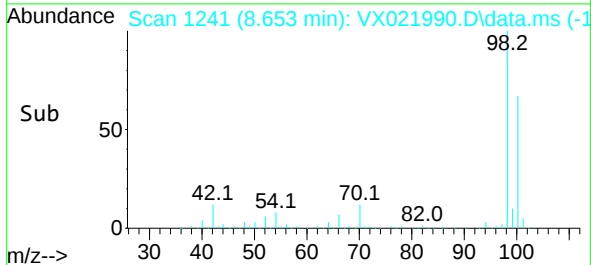
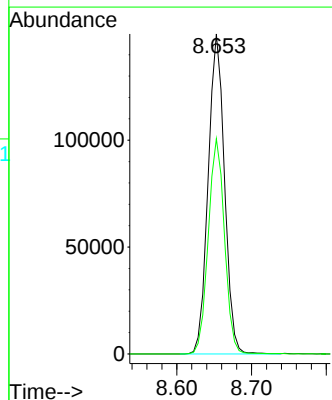
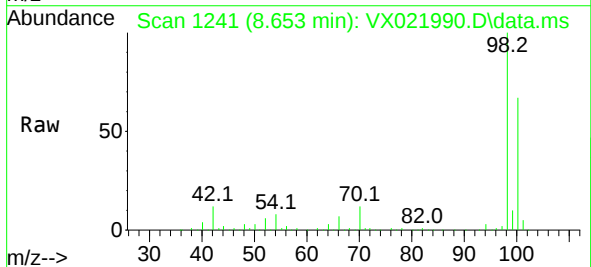


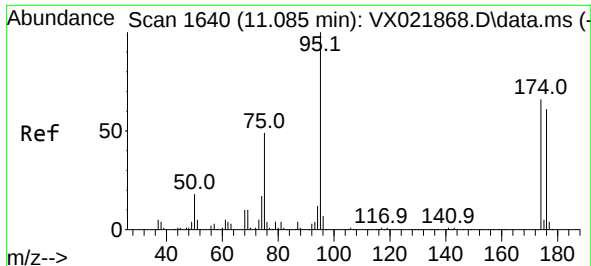
Tgt Ion:117 Resp: 8997
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.68 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

Tgt Ion: 98 Resp: 227380
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

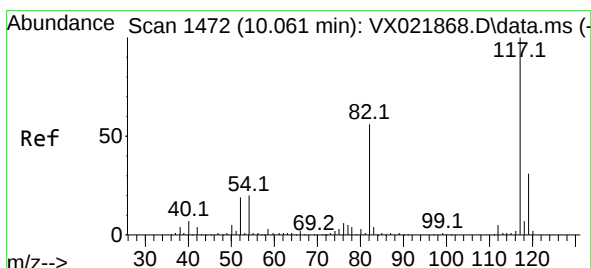
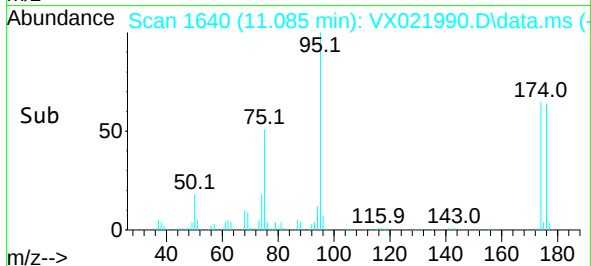
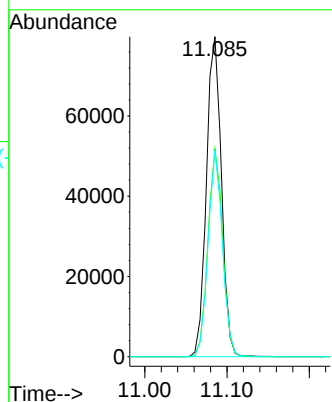
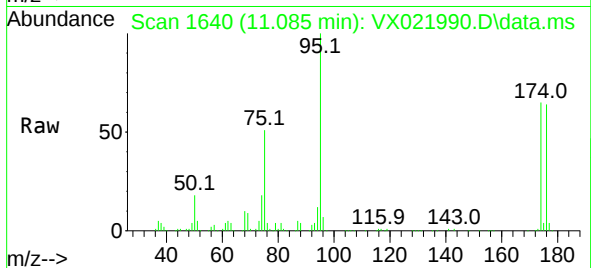




#62
4-Bromofluorobenzene
Concen: 55.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

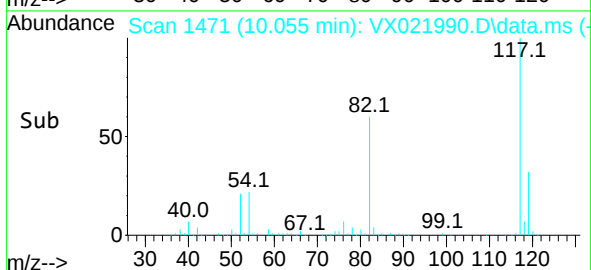
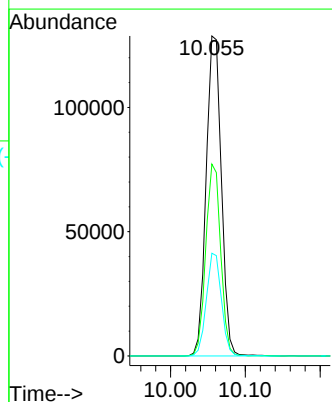
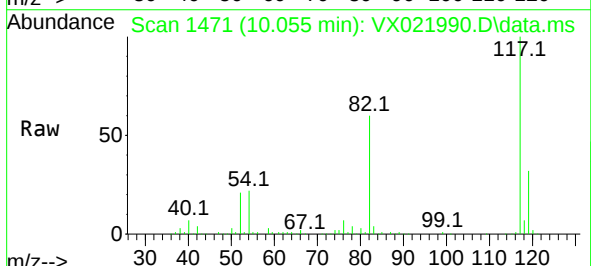
Instrument :
MSVOA_X
ClientSampleId :
FB-02-05122021

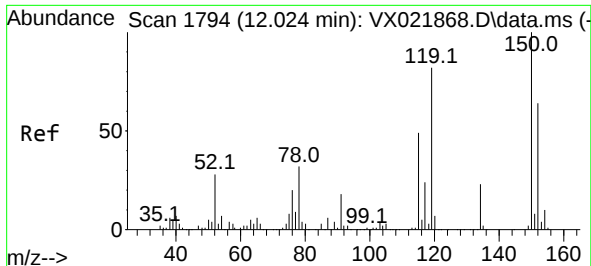
Tgt Ion: 95 Resp: 100872
Ion Ratio Lower Upper
95 100
174 64.1 0.0 154.6
176 61.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021990.D
Acq: 14 May 2021 13:10

Tgt Ion: 117 Resp: 182209
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.1 26.6 39.8

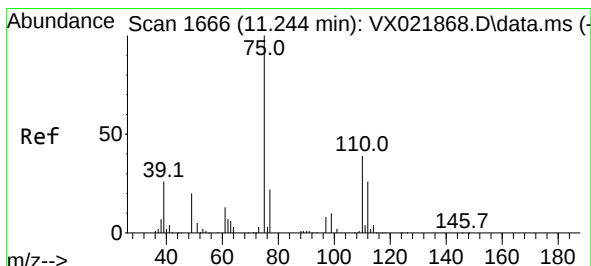
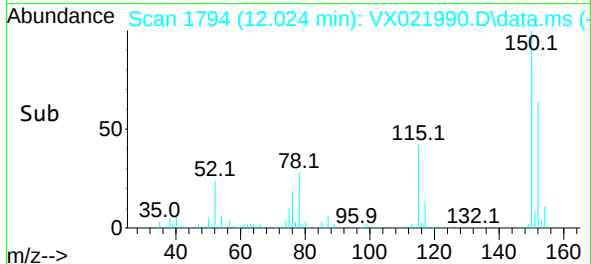
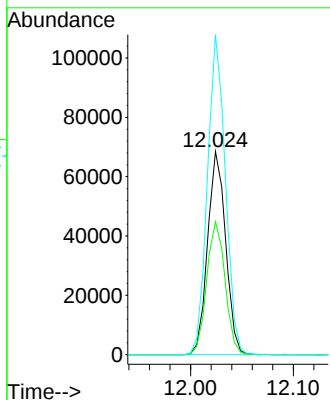
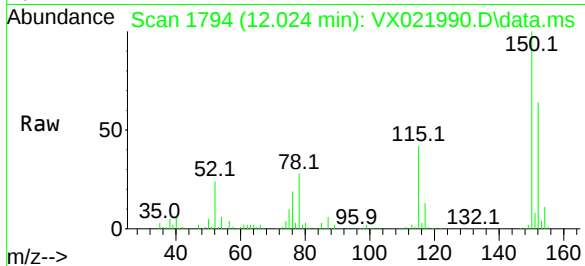




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX021990.D
 Acq: 14 May 2021 13:10

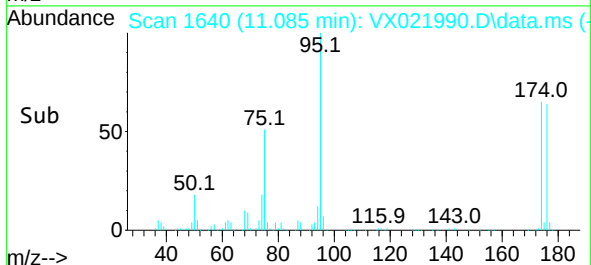
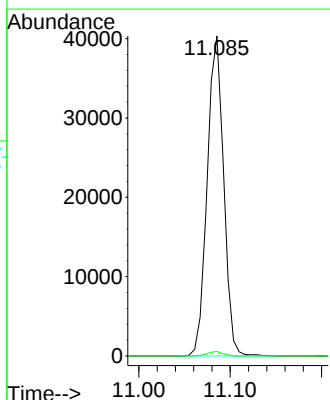
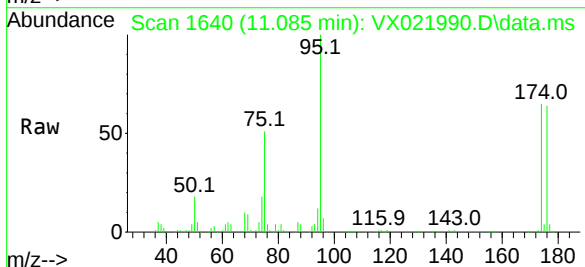
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02-05122021

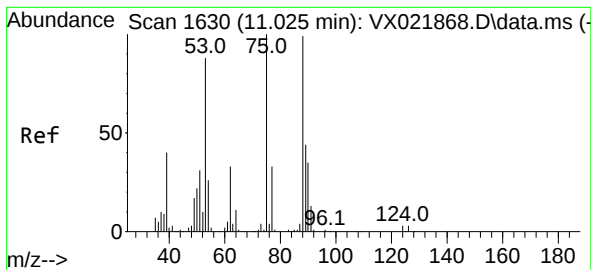
Tgt Ion:152 Resp: 83512
 Ion Ratio Lower Upper
 152 100
 115 66.4 41.1 123.3
 150 156.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.19 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX021990.D
 Acq: 14 May 2021 13:10

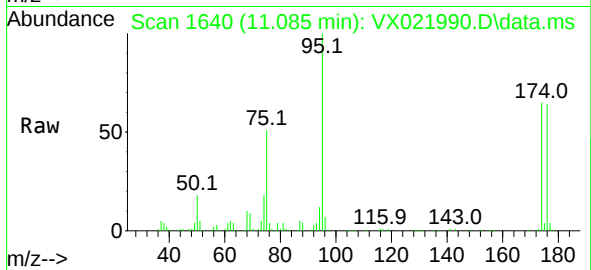
Tgt Ion: 75 Resp: 50302
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.14 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX021990.D
 Acq: 14 May 2021 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02-05122021



Tgt Ion: 75 Resp: 50302
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

