

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021989.D
 Acq On : 14 May 2021 12:47
 Operator : JC/MD
 Sample : M2383-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-05112021

Quant Time: May 15 01:03:38 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)

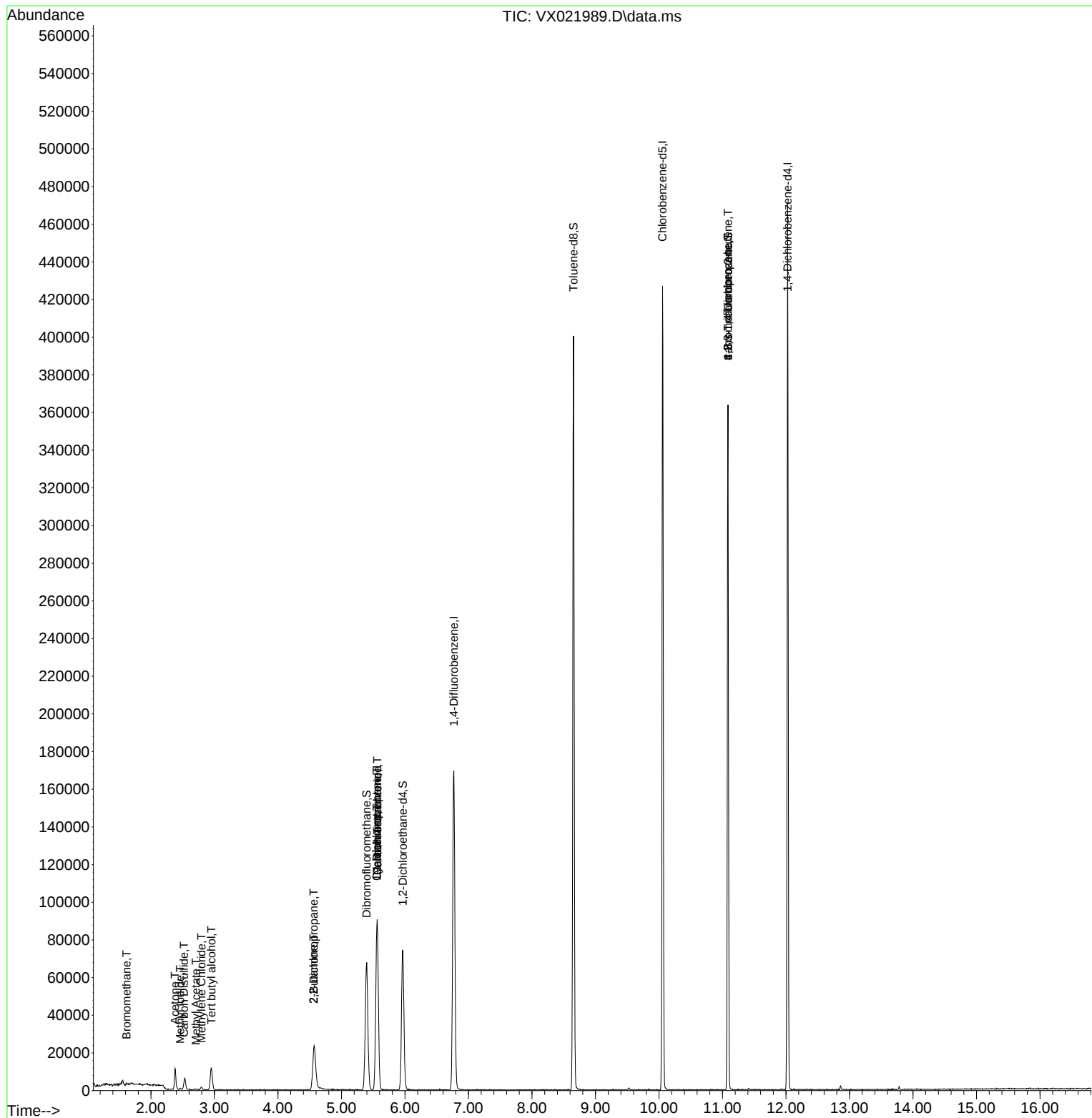
Internal Standards						
1) Pentafluorobenzene	5.562	168	80436	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	175963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68385	51.66	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.32%			
35) Dibromofluoromethane	5.397	113	58377	48.41	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.82%			
50) Toluene-d8	8.653	98	229774	49.93	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.86%			
62) 4-Bromofluorobenzene	11.085	95	100586	55.39	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.78%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	247	0.46	ug/l #	68
10) Methyl Iodide	2.459	142	756	0.62	ug/l #	88
11) Tert butyl alcohol	2.953	59	7690	21.77	ug/l #	81
13) Acrolein	2.233	56	27	Below Cal	#	14
16) Acetone	2.380	43	11241	18.93	ug/l	99
17) Carbon Disulfide	2.520	76	1859	0.61	ug/l #	64
18) Methyl Acetate	2.709	43	572	0.35	ug/l #	54
20) Methylene Chloride	2.794	84	788	0.79	ug/l	91
25) 2-Butanone	4.562	43	1494	1.46	ug/l #	45
26) 2,2-Dichloropropane	4.562	77	2163	1.13	ug/l #	52
31) Cyclohexane	5.556	56	2043	1.17	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	7429	3.98	ug/l #	48
38) Carbon Tetrachloride	5.562	117	9009	4.83	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	51836	21.29	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51836	49.38	ug/l #	12

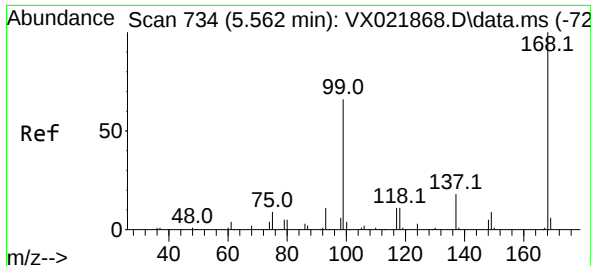
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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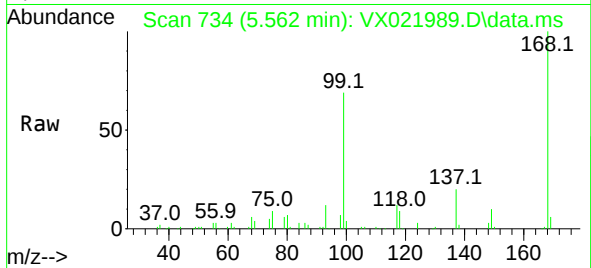
Quant Time: May 15 01:03:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
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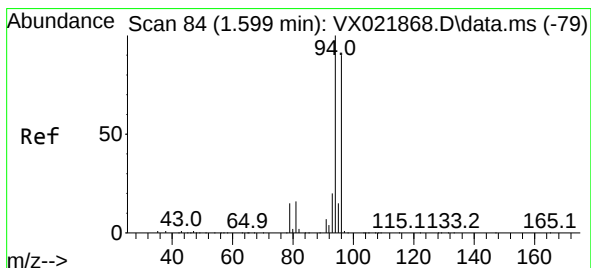
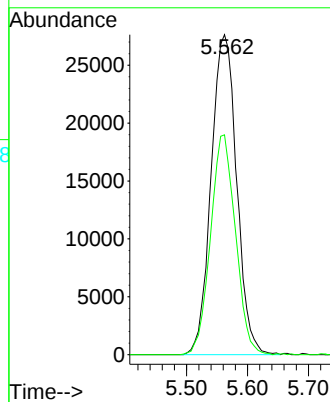
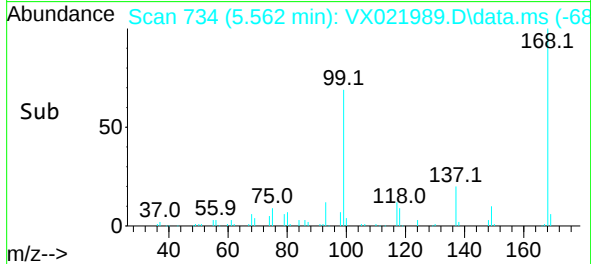


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

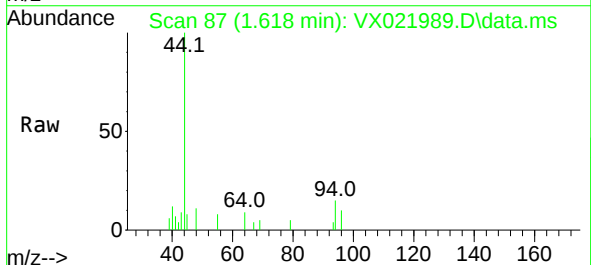
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021



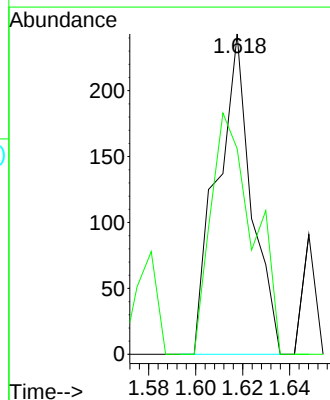
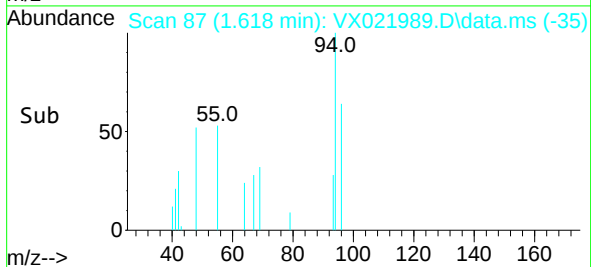
Tgt Ion:168 Resp: 80436
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#

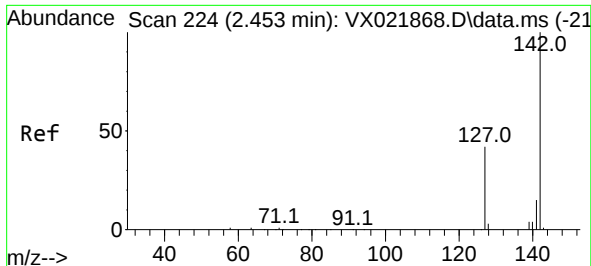


#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47



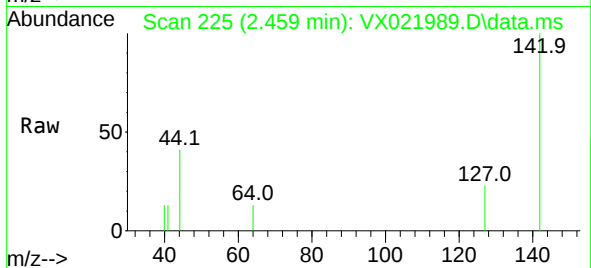
Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 64.2 76.4 114.6#



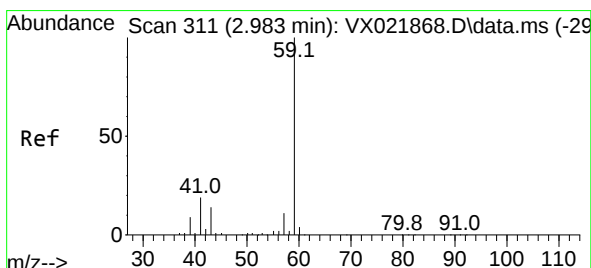
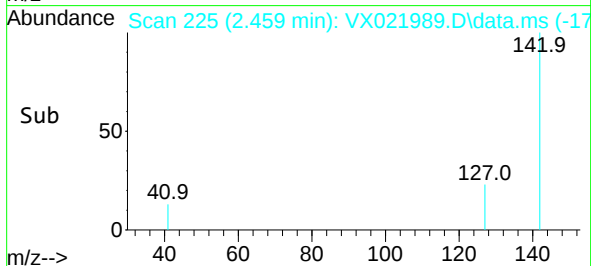
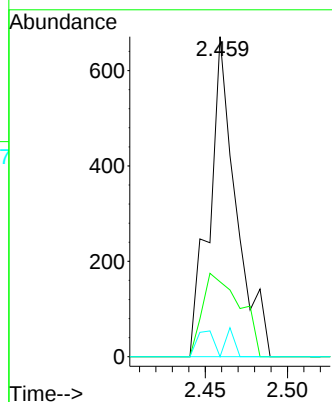


#10
Methyl Iodide
Concen: 0.62 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

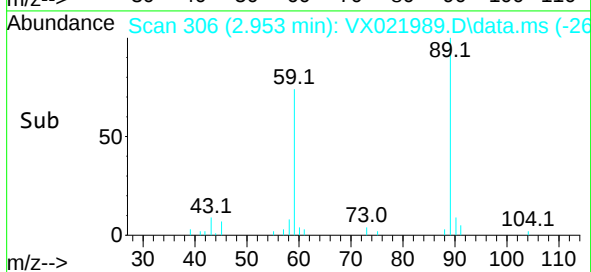
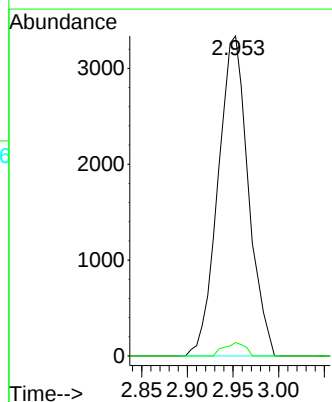
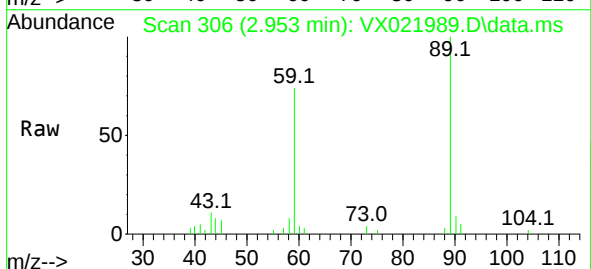


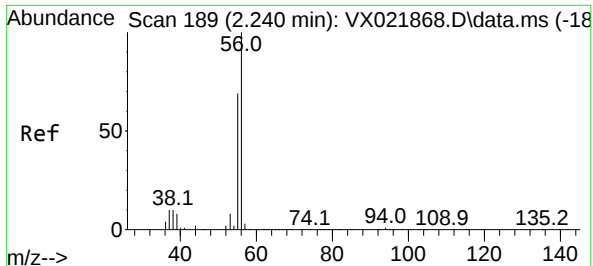
Tgt Ion:142 Resp: 756
Ion Ratio Lower Upper
142 100
127 36.6 33.3 49.9
141 5.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 21.77 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Tgt Ion: 59 Resp: 7690
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8#

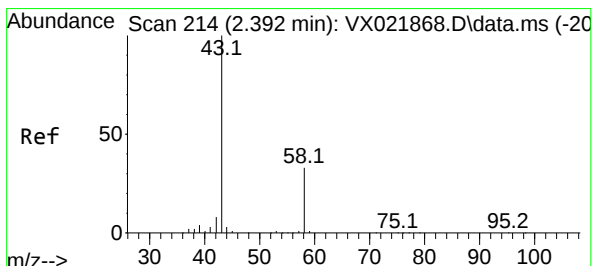
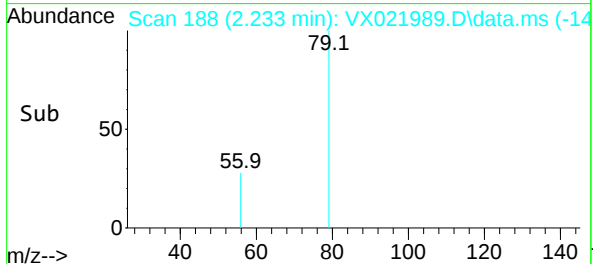
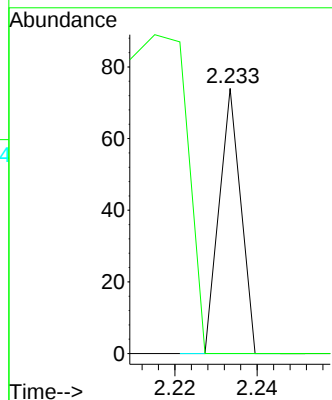
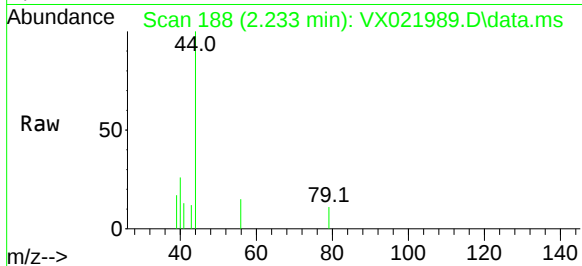




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

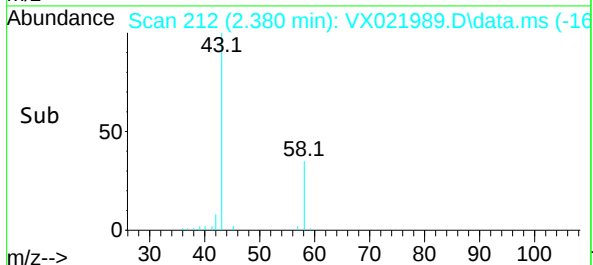
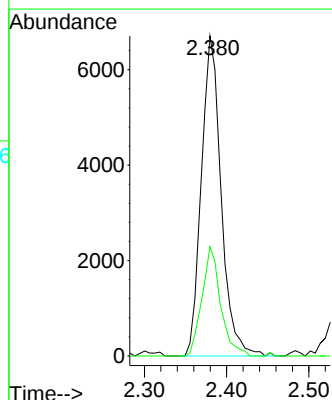
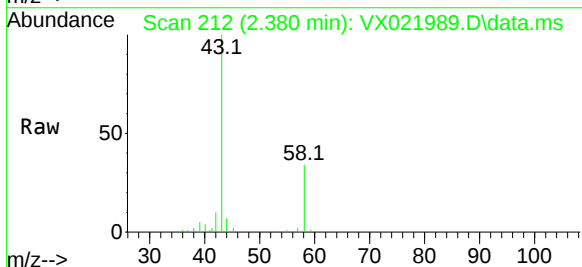
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

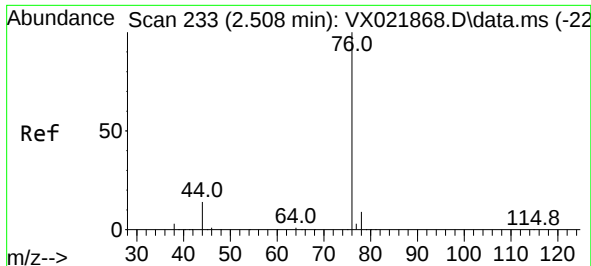
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 18.93 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Tgt Ion: 43 Resp: 11241
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8

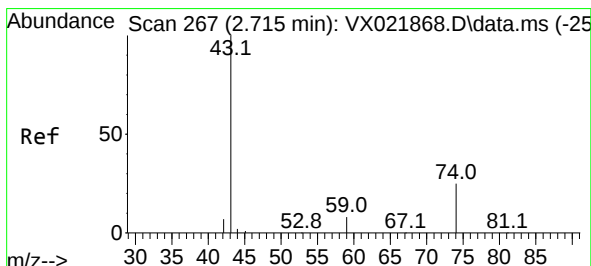
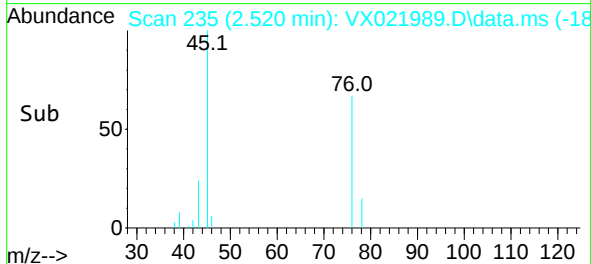
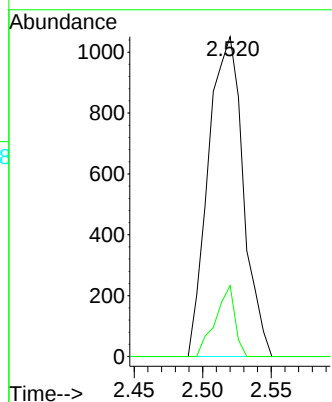
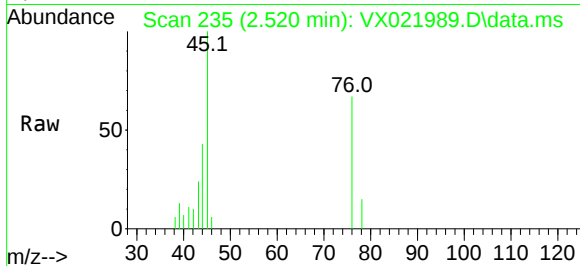




#17
Carbon Disulfide
Concen: 0.61 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

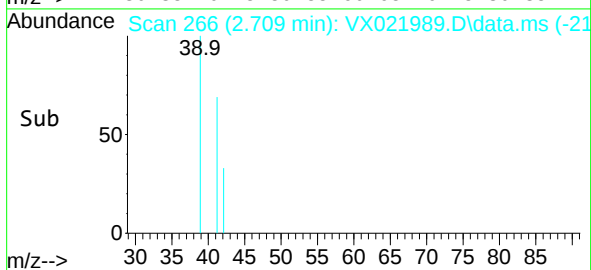
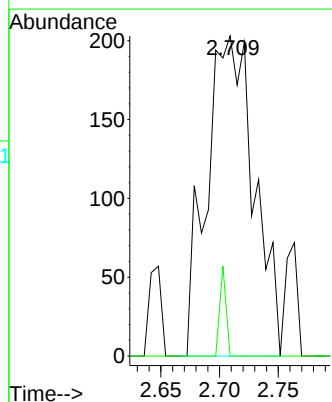
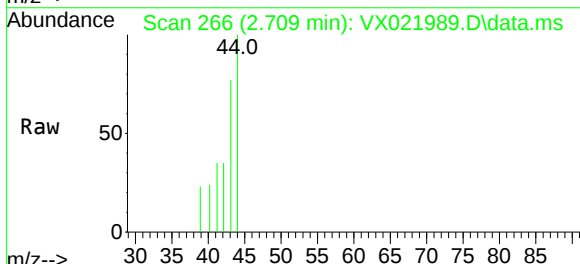
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

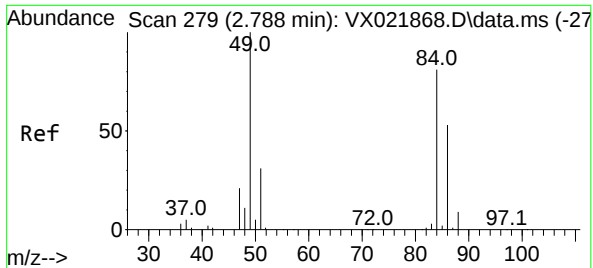
Tgt Ion: 76 Resp: 1859
Ion Ratio Lower Upper
76 100
78 22.2 7.2 10.8#



#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
74 3.7 21.9 32.9#



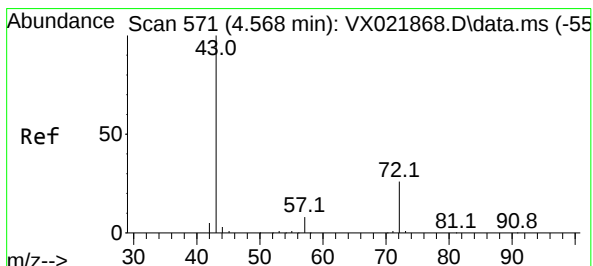
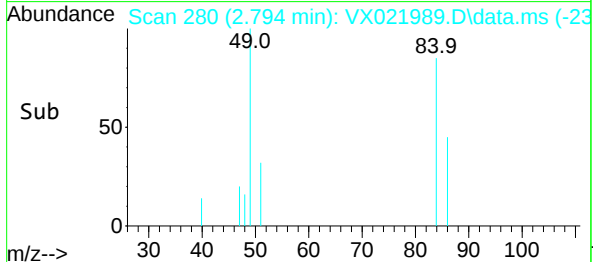
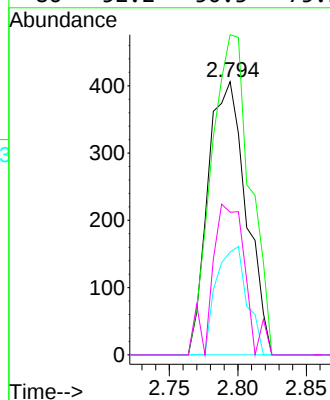
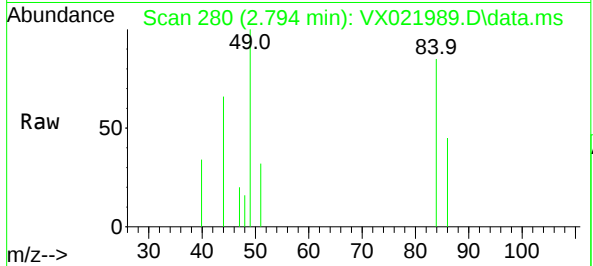


#20
Methylene Chloride
Concen: 0.79 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

Tgt Ion: 84 Resp: 788

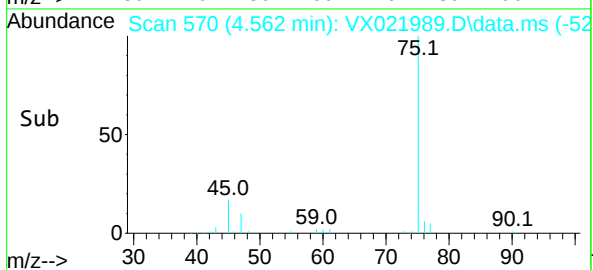
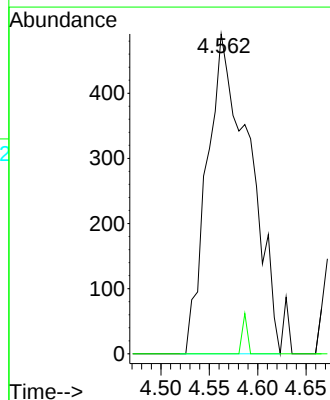
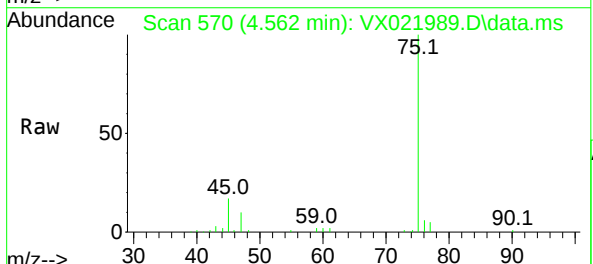
Ion	Ratio	Lower	Upper
84	100		
49	117.2	88.6	132.8
51	37.7	27.0	40.6
86	52.2	50.3	75.5

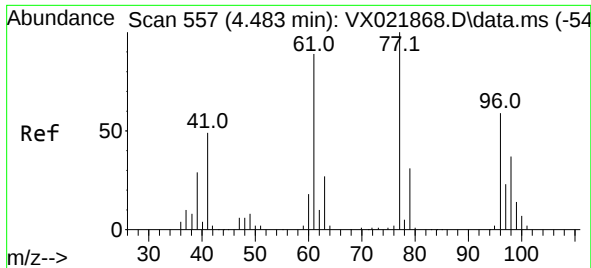


#25
2-Butanone
Concen: 1.46 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Tgt Ion: 43 Resp: 1494

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

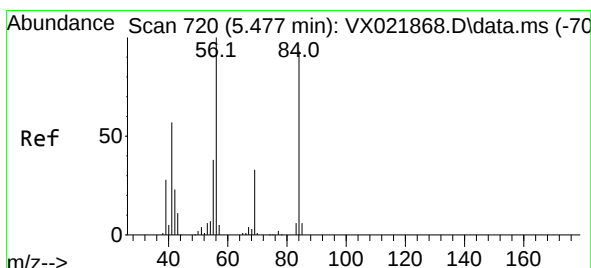
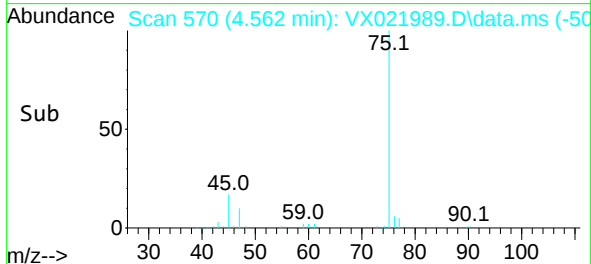
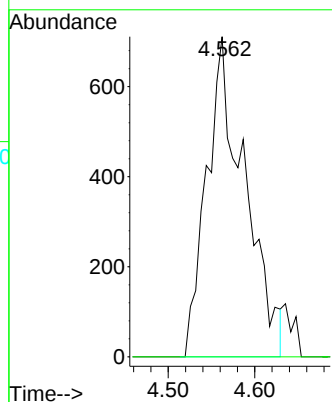
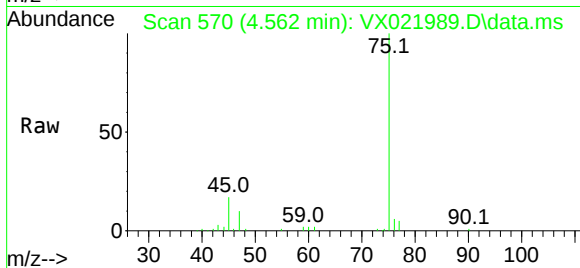




#26
2,2-Dichloropropane
Concen: 1.13 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.079 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

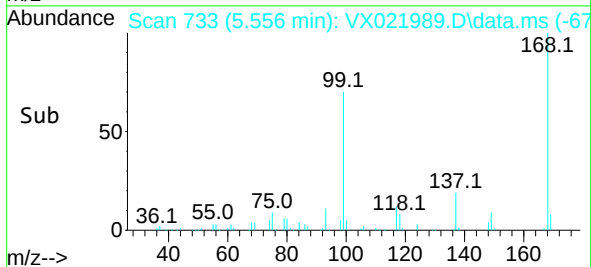
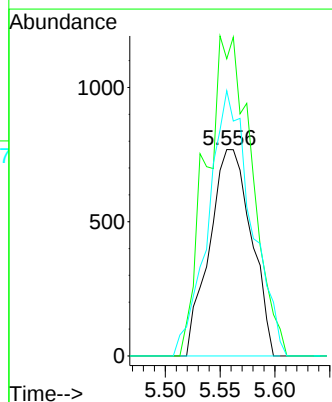
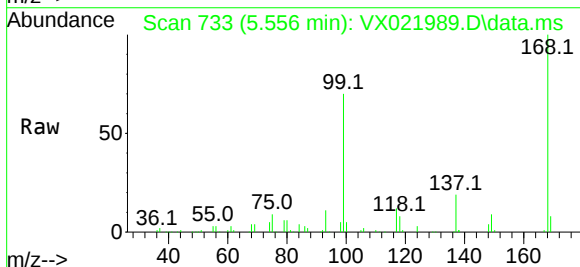
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

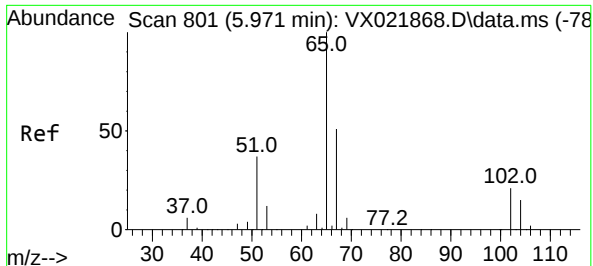
Tgt Ion: 77 Resp: 2163
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Tgt Ion: 56 Resp: 2043
Ion Ratio Lower Upper
56 100
69 144.0 25.3 37.9#
84 121.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.66 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX021989.D

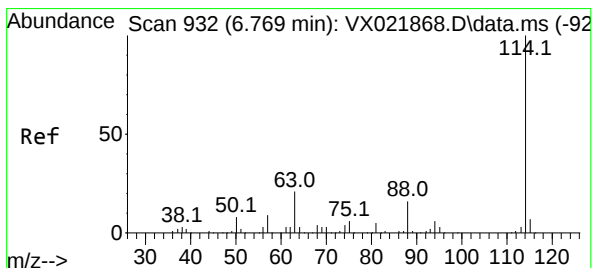
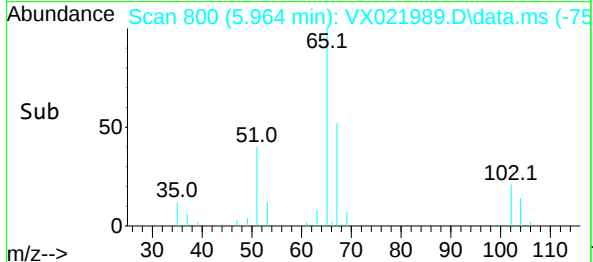
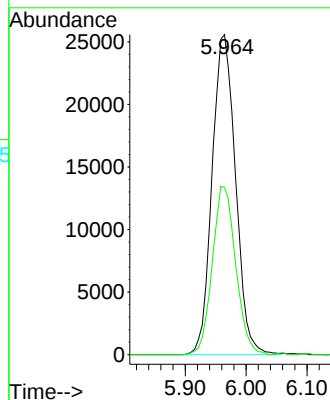
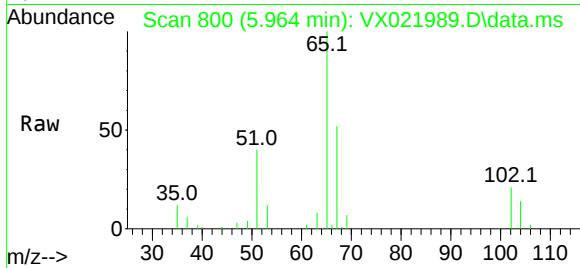
Acq: 14 May 2021 12:47

Tgt Ion: 65 Resp: 68385

Ion Ratio Lower Upper

65 100

67 52.5 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: VX021989.D

Acq: 14 May 2021 12:47

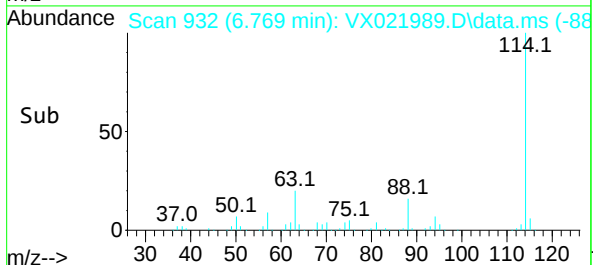
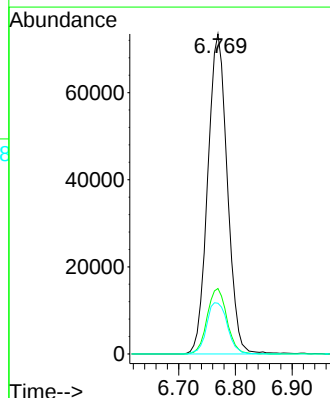
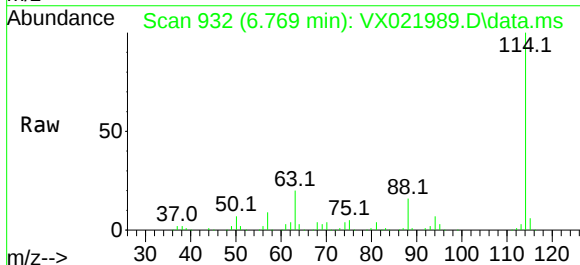
Tgt Ion: 114 Resp: 175963

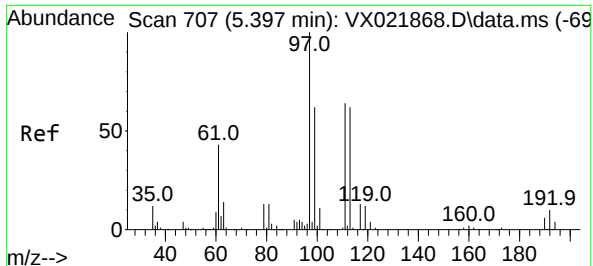
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.41 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX021989.D

Acq: 14 May 2021 12:47

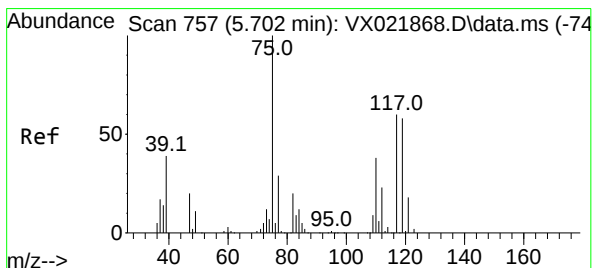
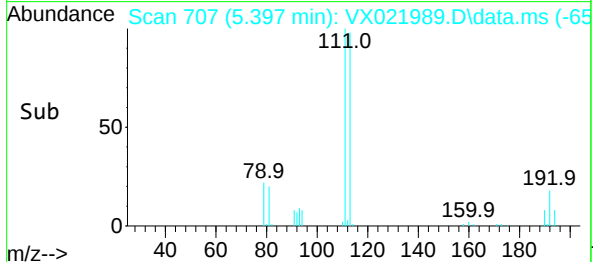
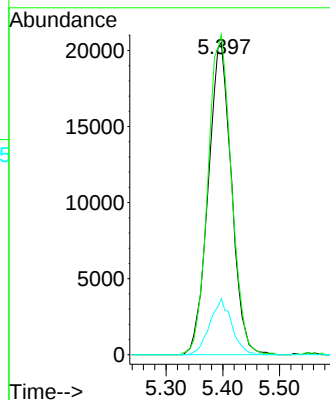
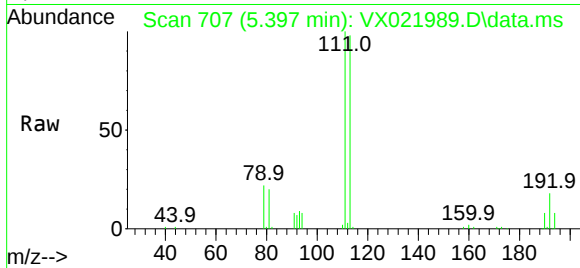
Tgt Ion:113 Resp: 58377

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

192 16.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 3.98 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX021989.D

Acq: 14 May 2021 12:47

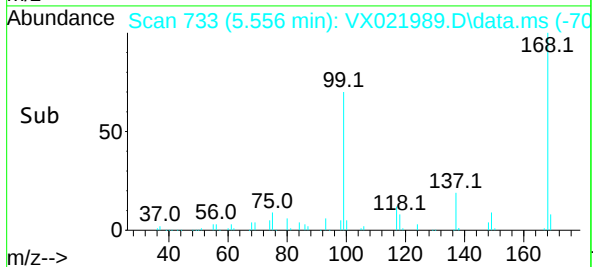
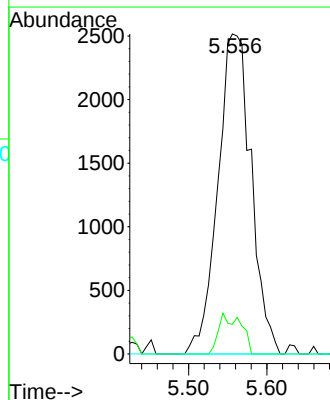
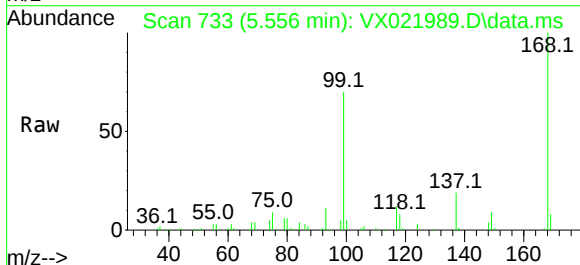
Tgt Ion: 75 Resp: 7429

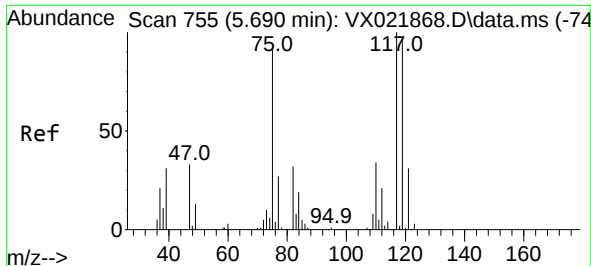
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

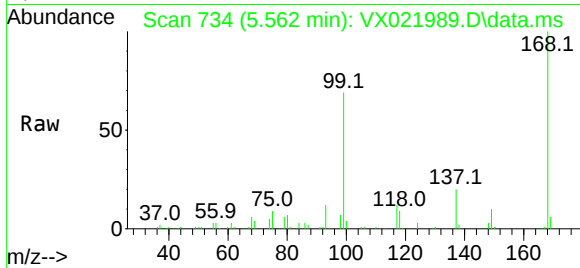
77 0.0 25.3 37.9#



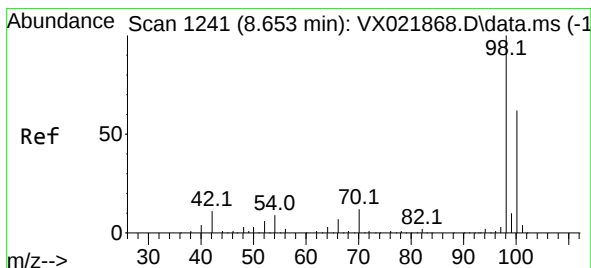
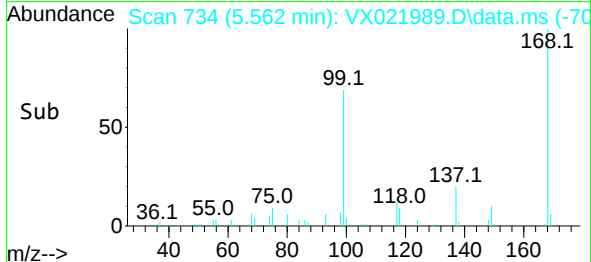
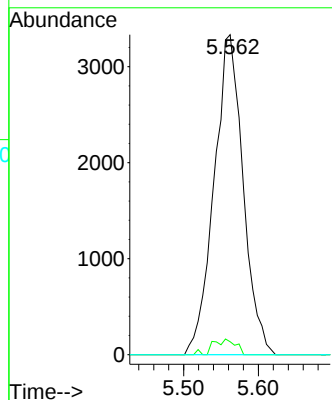


#38
Carbon Tetrachloride
Concen: 4.83 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

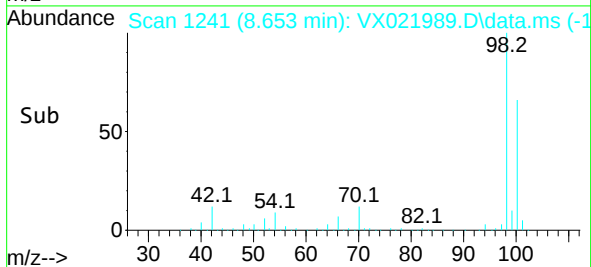
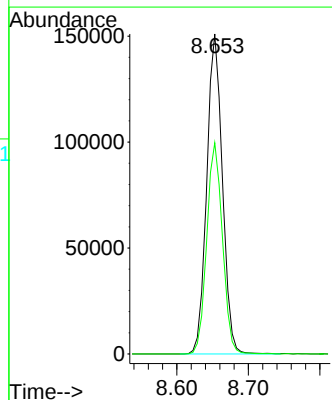
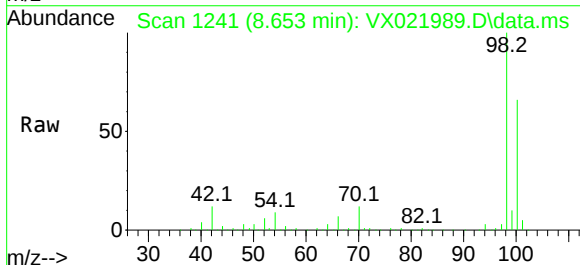


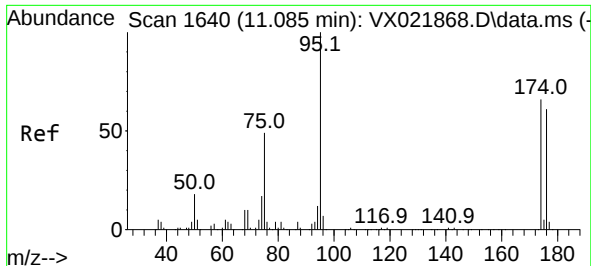
Tgt Ion:117 Resp: 9009
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.93 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Tgt Ion: 98 Resp: 229774
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

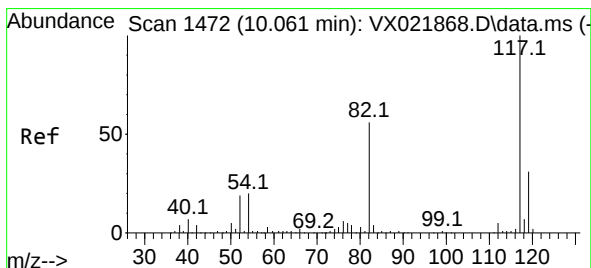
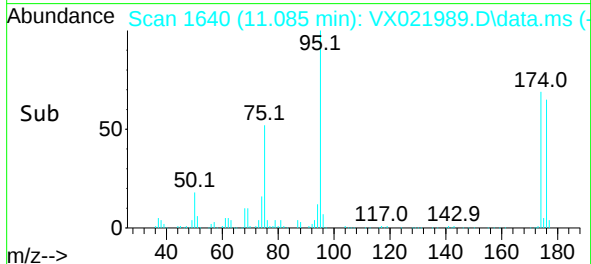
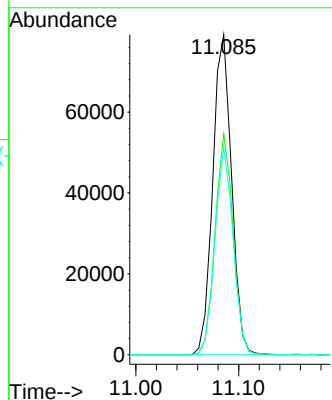
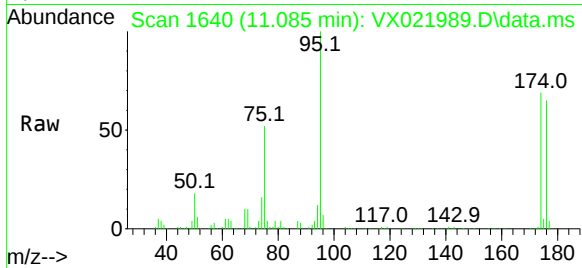




#62
4-Bromofluorobenzene
Concen: 55.39 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

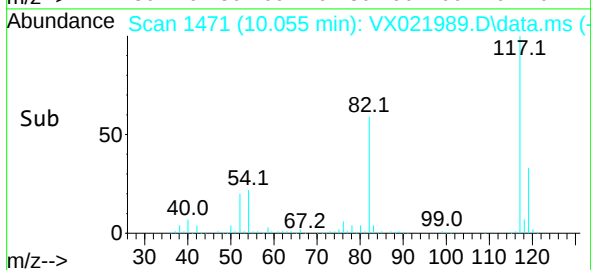
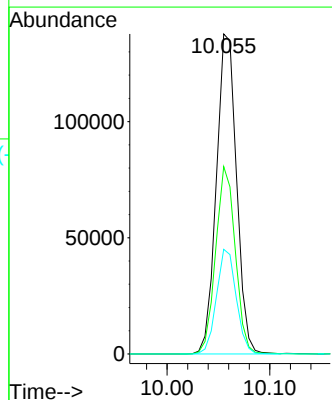
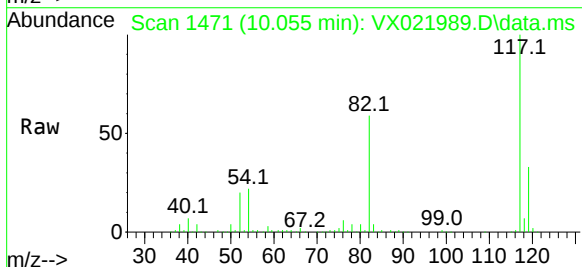
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

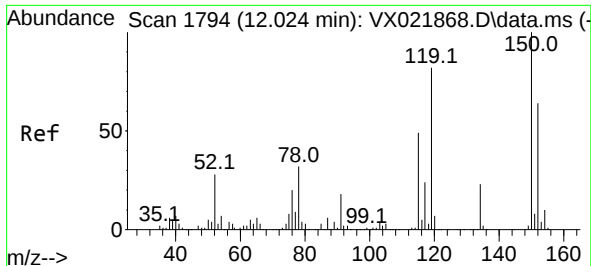
Tgt Ion: 95 Resp: 100586
Ion Ratio Lower Upper
95 100
174 66.4 0.0 154.6
176 62.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021989.D
Acq: 14 May 2021 12:47

Tgt Ion: 117 Resp: 187908
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.7 26.6 39.8

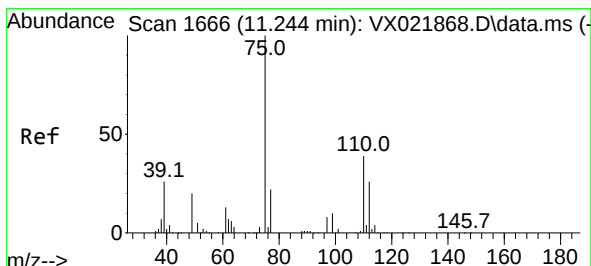
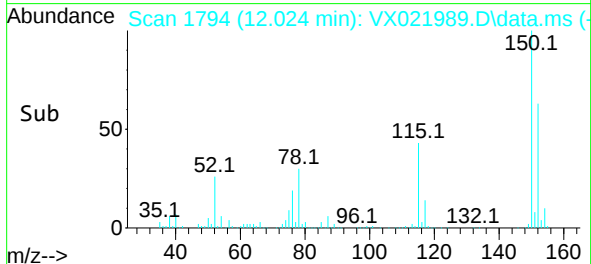
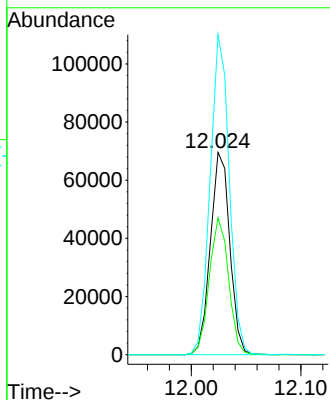
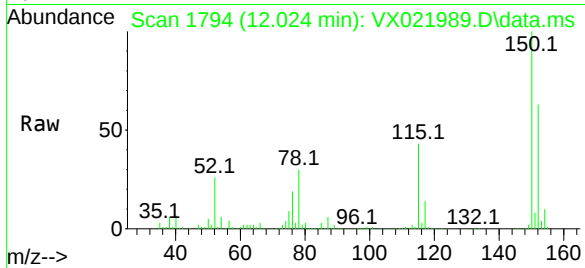




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX021989.D
 Acq: 14 May 2021 12:47

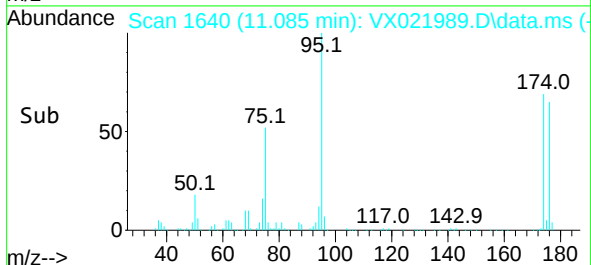
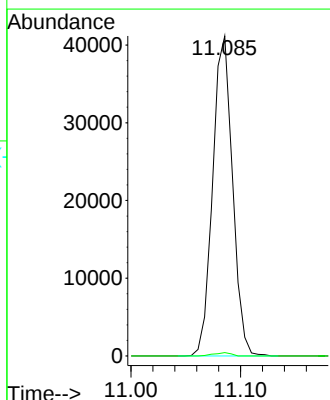
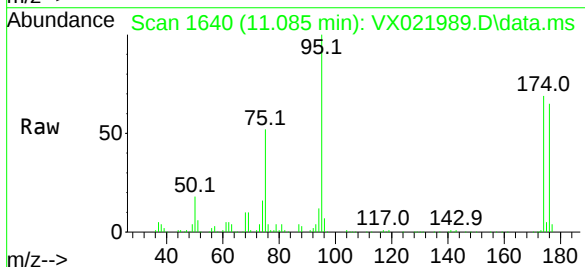
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-05112021

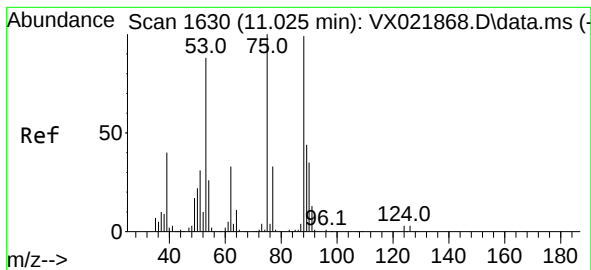
Tgt Ion:152 Resp: 85653
 Ion Ratio Lower Upper
 152 100
 115 67.0 41.1 123.3
 150 155.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.29 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX021989.D
 Acq: 14 May 2021 12:47

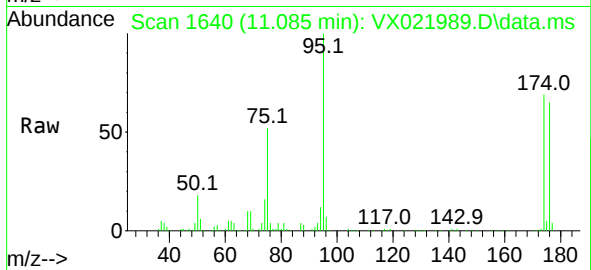
Tgt Ion: 75 Resp: 51836
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.38 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX021989.D
 Acq: 14 May 2021 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-05112021



Tgt Ion: 75 Resp: 51836
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

