

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021966.D
 Acq On : 13 May 2021 14:52
 Operator : JC/MD
 Sample : M2383-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-05112021

Quant Time: May 14 04:36:32 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)

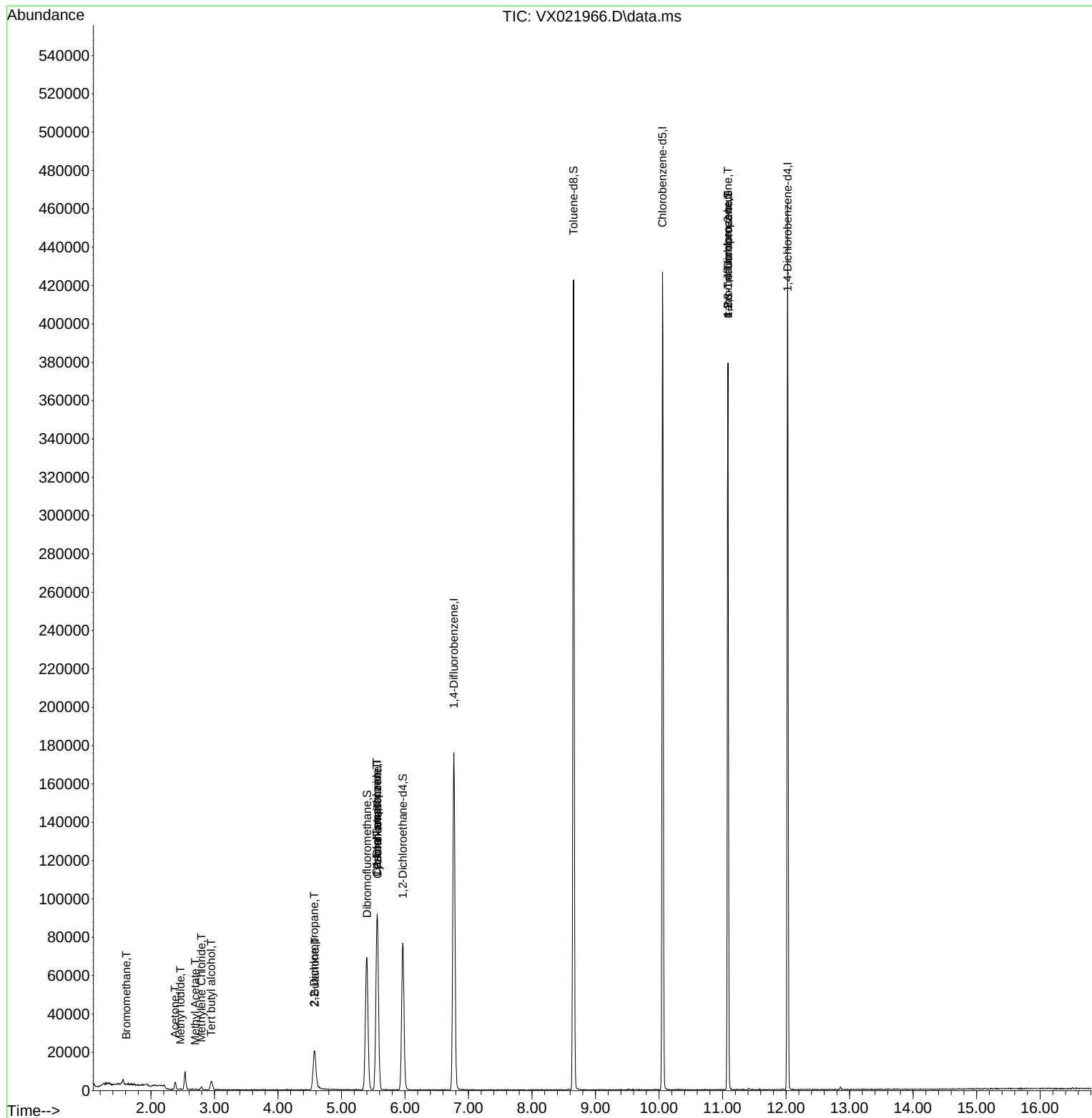
Internal Standards						
1) Pentafluorobenzene	5.562	168	82799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	179716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70407	51.67	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	103.34%	
35) Dibromofluoromethane	5.403	113	60551	49.16	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	98.32%	
50) Toluene-d8	8.653	98	242634	51.62	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.085	95	103292	55.69	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	111.38%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	112	0.20	ug/l	91
10) Methyl Iodide	2.465	142	372	0.30	ug/l #	54
11) Tert butyl alcohol	2.947	59	3531	9.71	ug/l #	78
13) Acrolein	2.258	56	125	Below Cal	#	14
16) Acetone	2.380	43	4306	7.05	ug/l	90
18) Methyl Acetate	2.697	43	468	0.28	ug/l #	47
20) Methylene Chloride	2.794	84	690	0.69	ug/l	91
25) 2-Butanone	4.580	43	1501	1.43	ug/l #	45
26) 2,2-Dichloropropane	4.568	77	1626	0.83	ug/l #	52
31) Cyclohexane	5.568	56	2162	1.20	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	7563	3.97	ug/l #	47
38) Carbon Tetrachloride	5.556	117	9134	4.80	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	52506	22.24	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52506	51.60	ug/l #	12

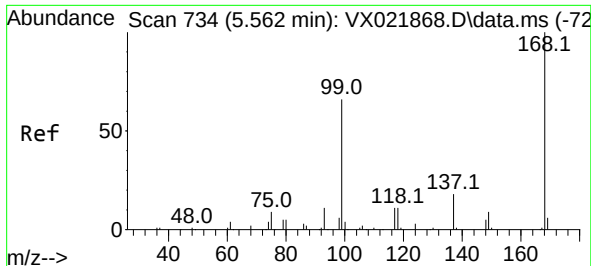
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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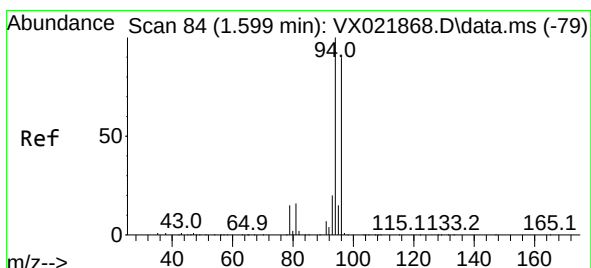
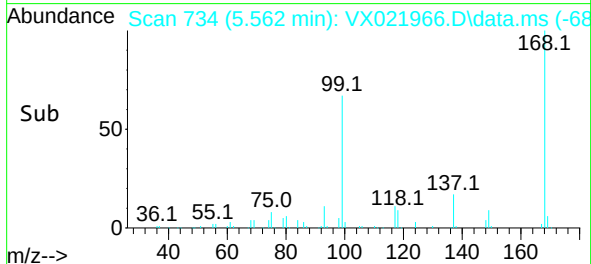
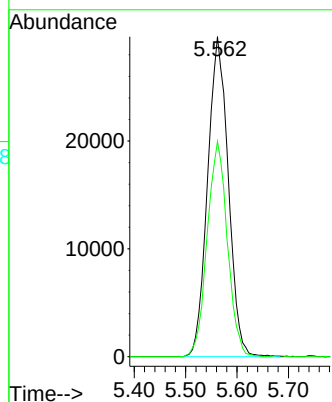
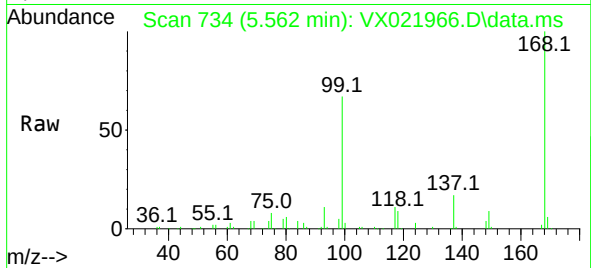




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

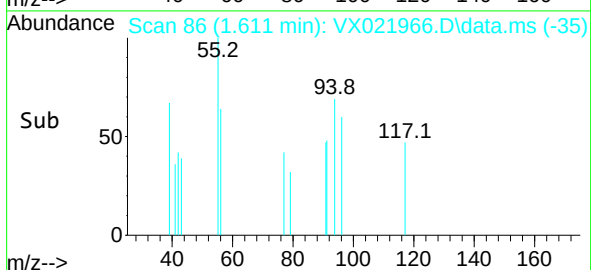
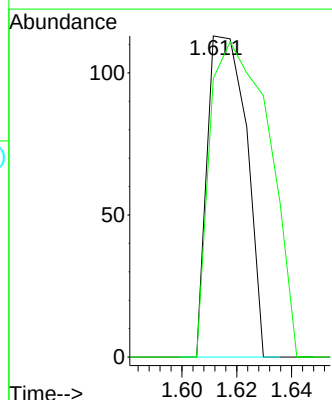
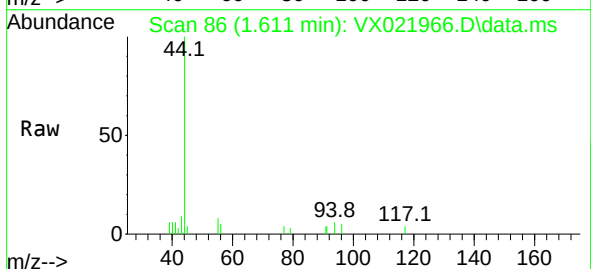
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

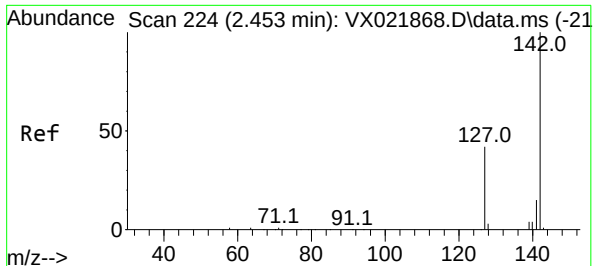
Tgt Ion:168 Resp: 82799
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

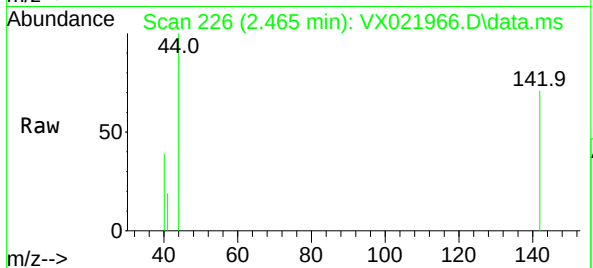
Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 86.7 76.4 114.6



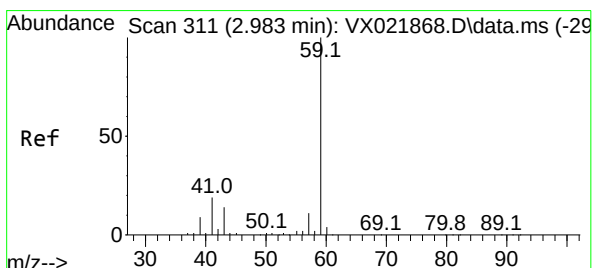
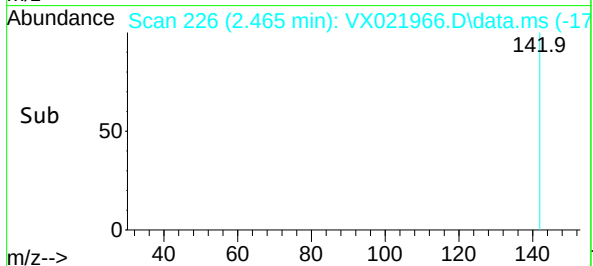
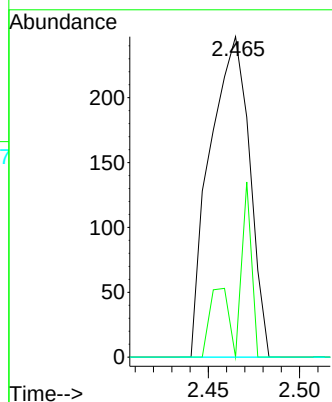


#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

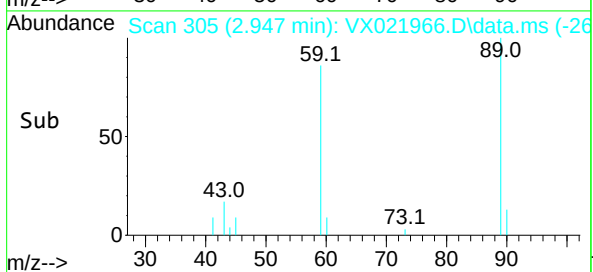
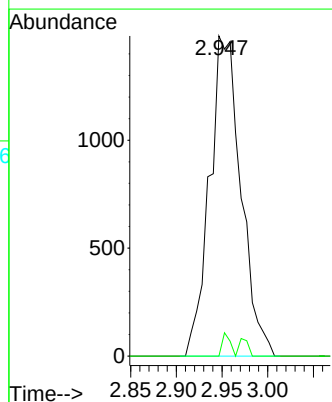
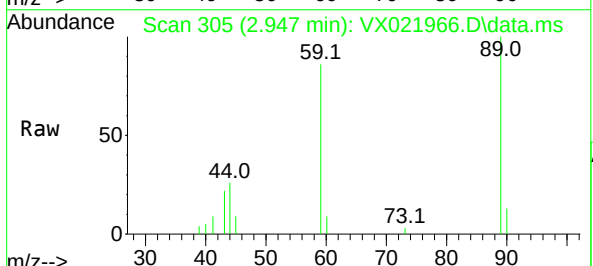


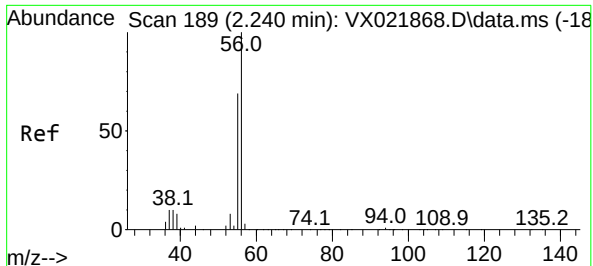
Tgt Ion:142 Resp: 372
Ion Ratio Lower Upper
142 100
127 10.2 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 9.71 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion: 59 Resp: 3531
Ion Ratio Lower Upper
59 100
57 1.8 7.8 11.8#

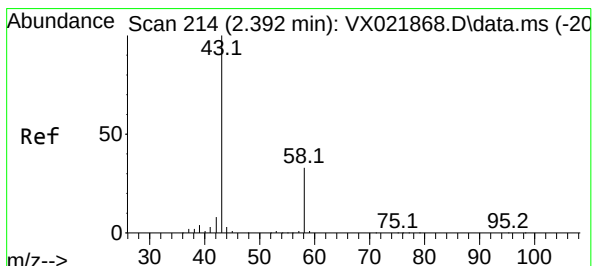
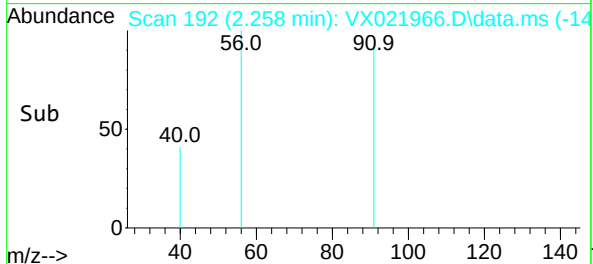
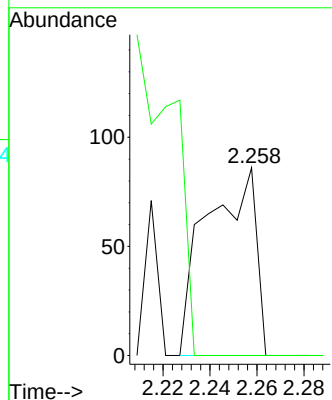
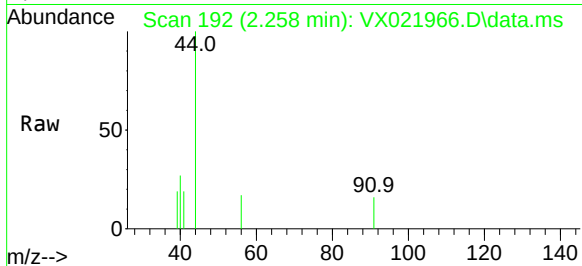




#13
Acrolein
Concen: Below Cal
RT: 2.258 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

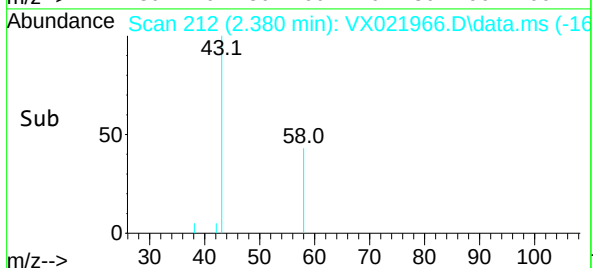
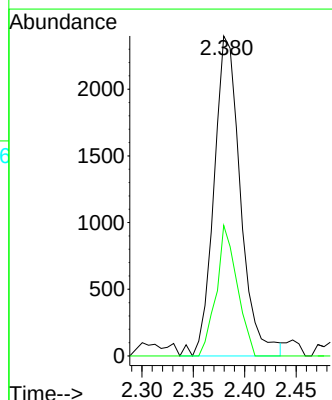
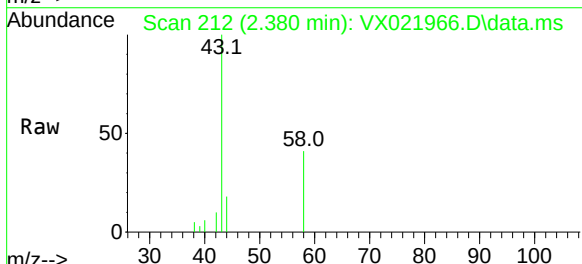
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

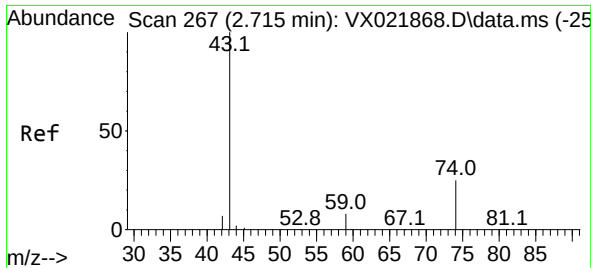
Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 7.05 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion: 43 Resp: 4306
Ion Ratio Lower Upper
43 100
58 40.8 27.8 41.8

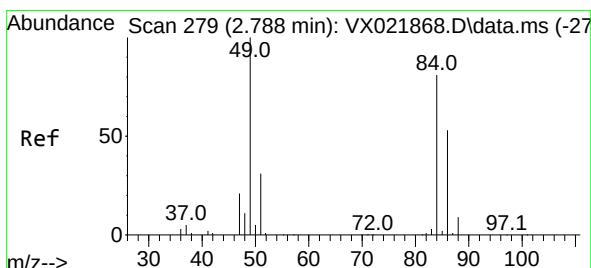
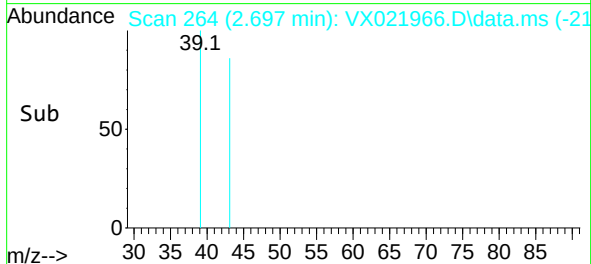
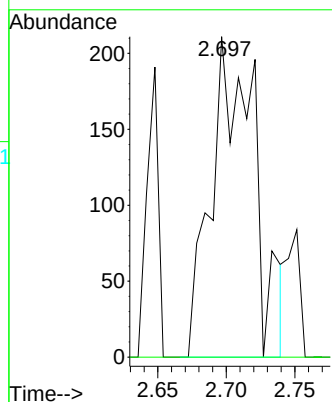
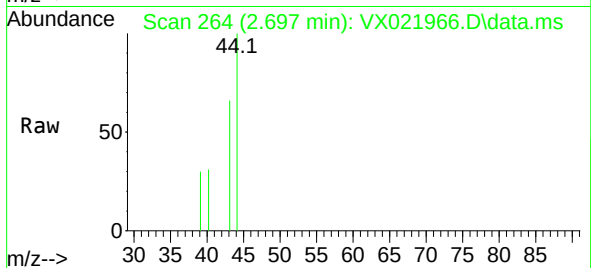




#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.018 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

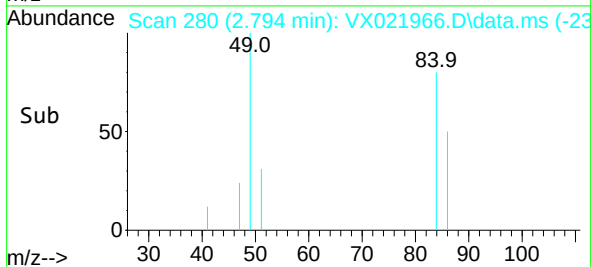
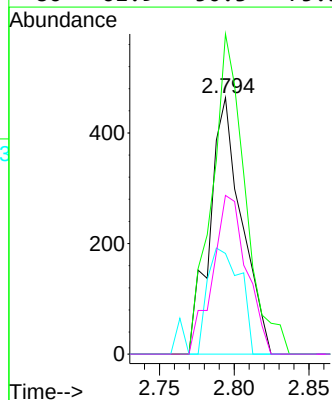
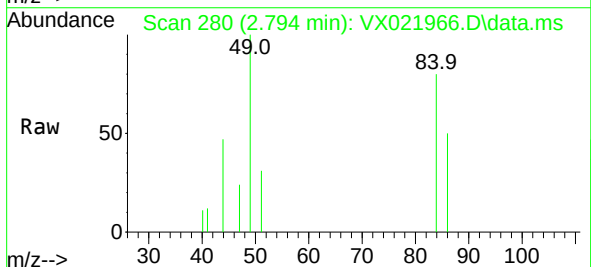
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

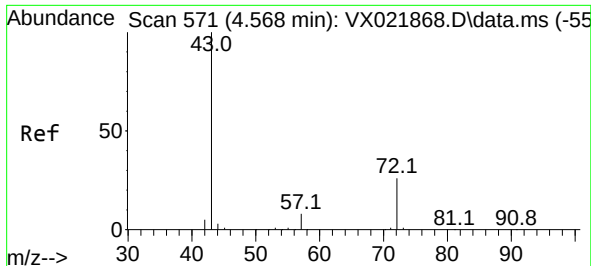
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.69 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 124.8 88.6 132.8
51 39.2 27.0 40.6
86 61.9 50.3 75.5





#25

2-Butanone

Concen: 1.43 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX021966.D

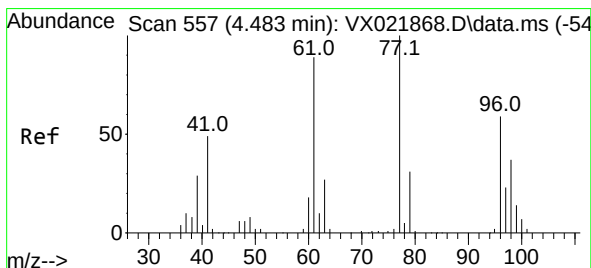
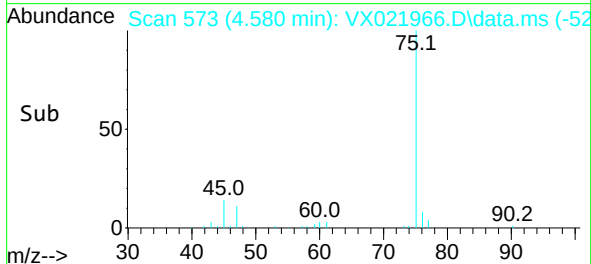
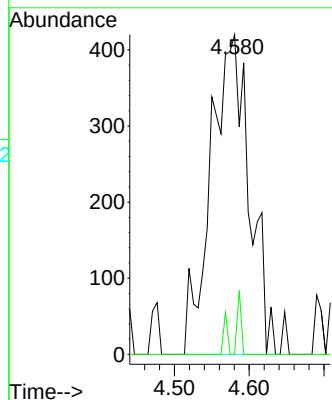
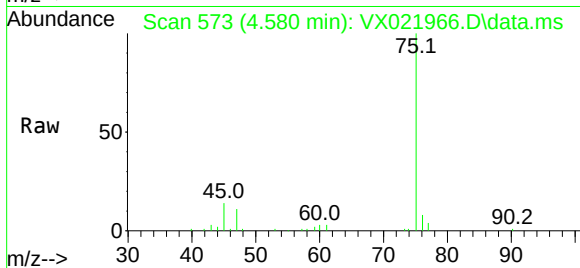
Acq: 13 May 2021 14:52

Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.83 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.085 min

Lab File: VX021966.D

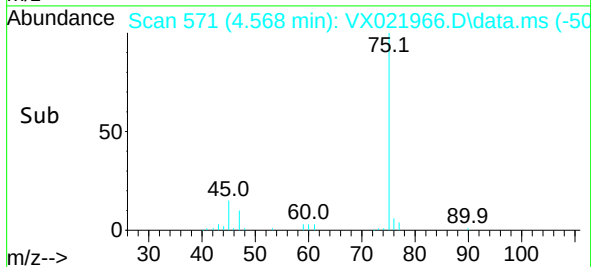
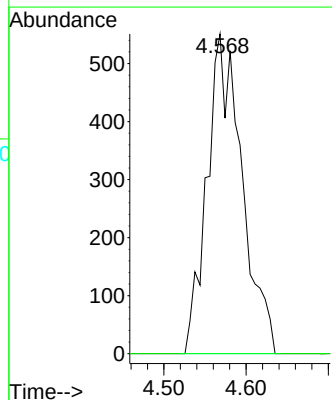
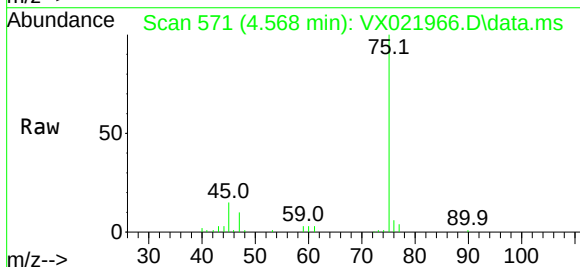
Acq: 13 May 2021 14:52

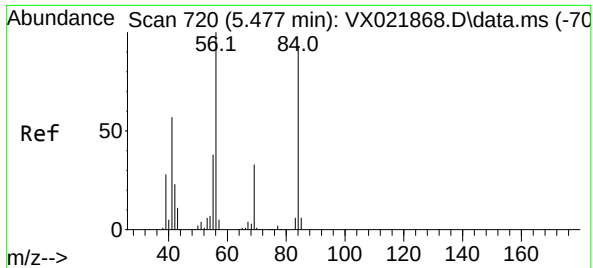
Tgt Ion: 77 Resp: 1626

Ion Ratio Lower Upper

77 100

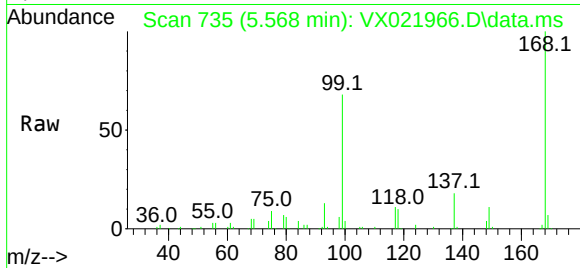
97 0.0 11.7 35.1#



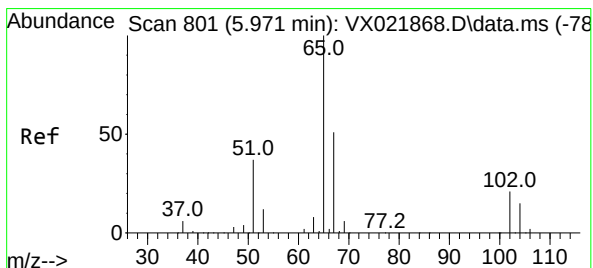
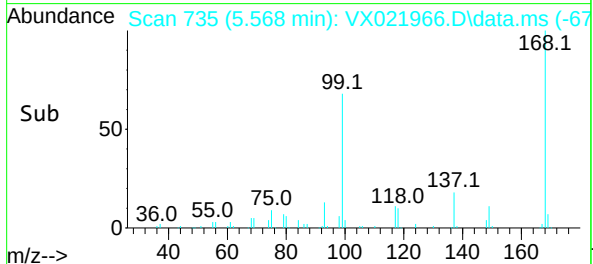
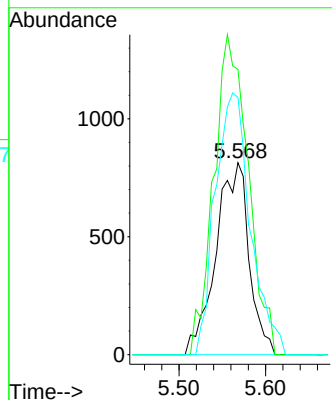


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

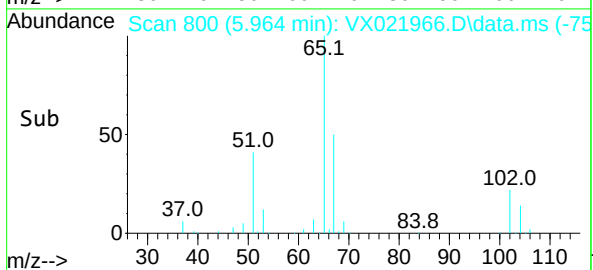
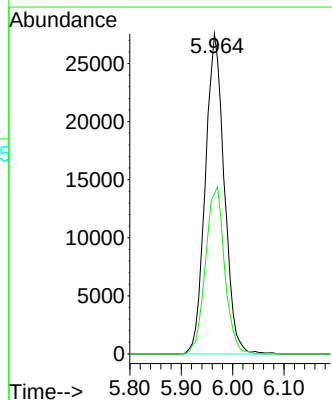
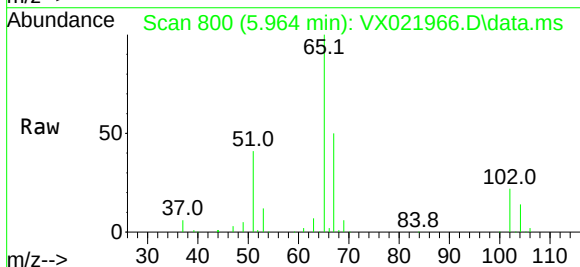


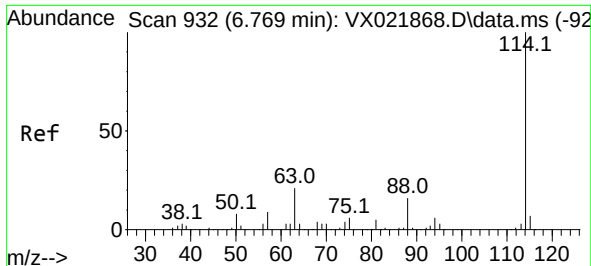
Tgt Ion: 56 Resp: 2162
Ion Ratio Lower Upper
56 100
69 148.6 25.3 37.9#
84 134.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.67 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion: 65 Resp: 70407
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

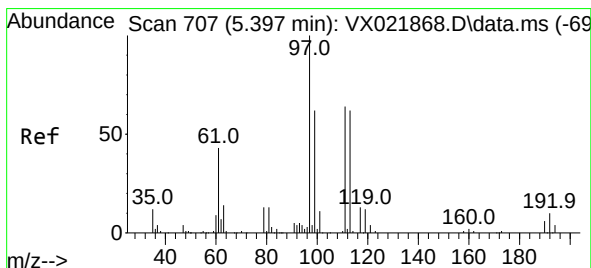
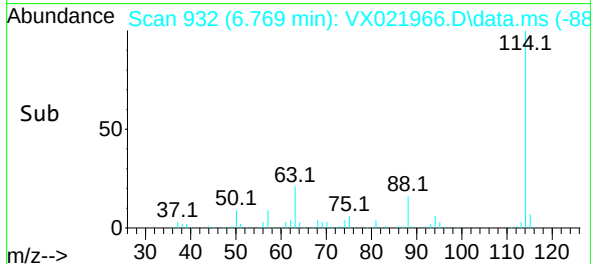
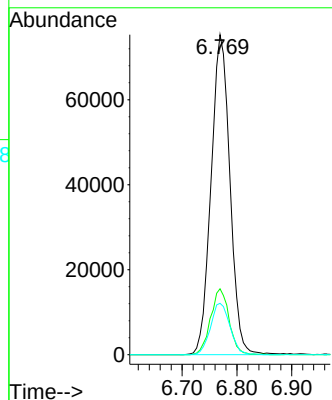
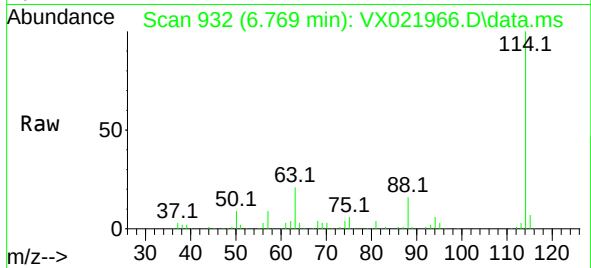




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

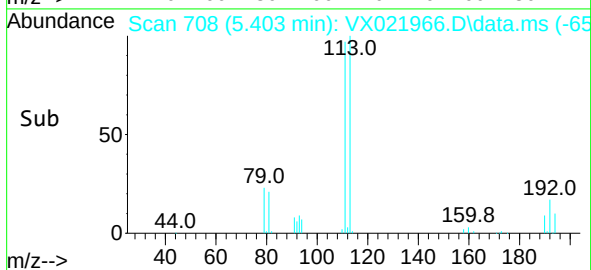
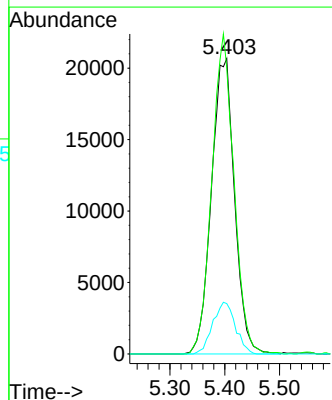
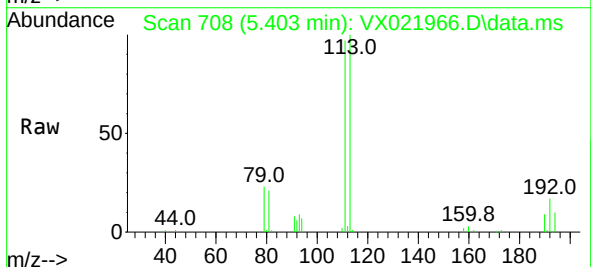
Instrument :
MSVOA_X
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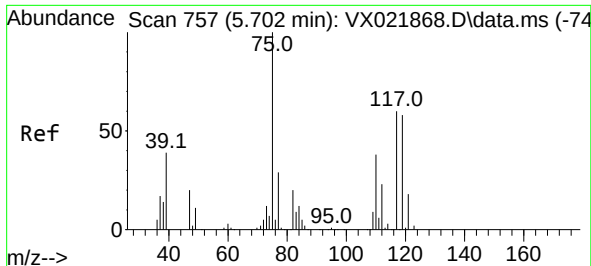
Tgt Ion:114 Resp: 179716
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion:113 Resp: 60551
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 17.2 16.7 25.1

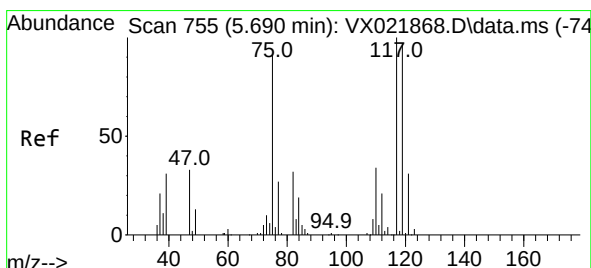
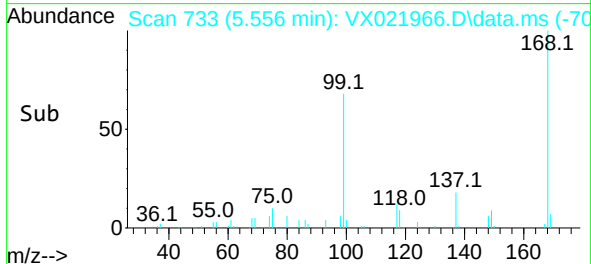
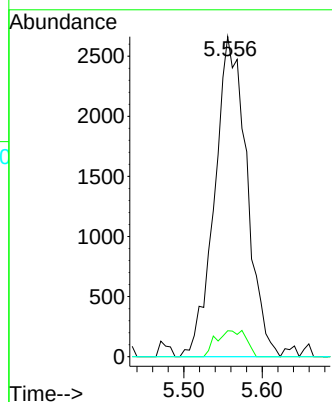
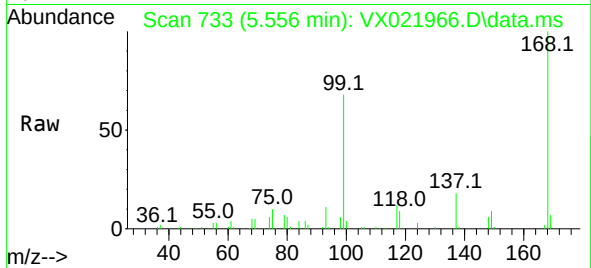




#36
1,1-Dichloropropene
Concen: 3.97 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

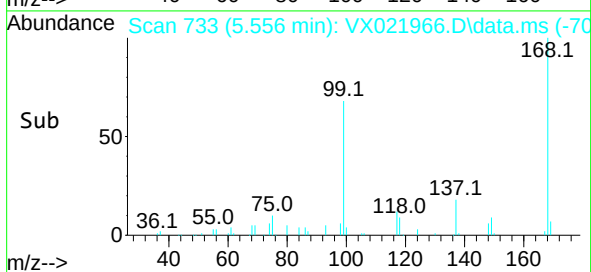
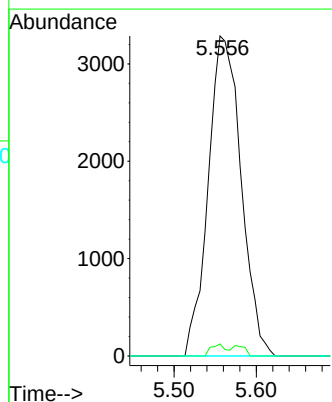
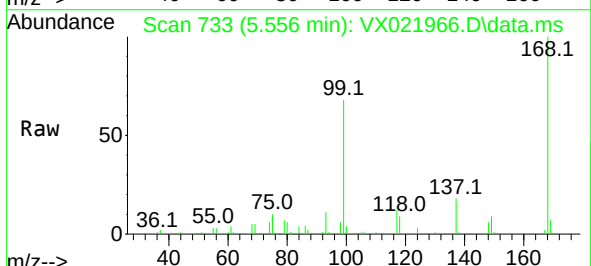
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

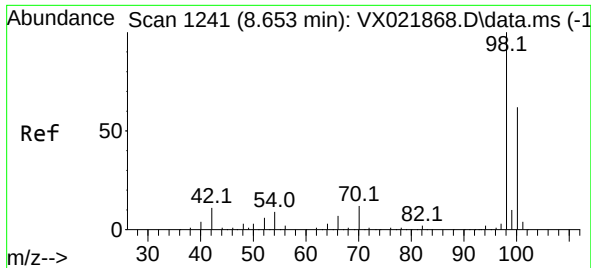
Tgt Ion: 75 Resp: 7563
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion: 117 Resp: 9134
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

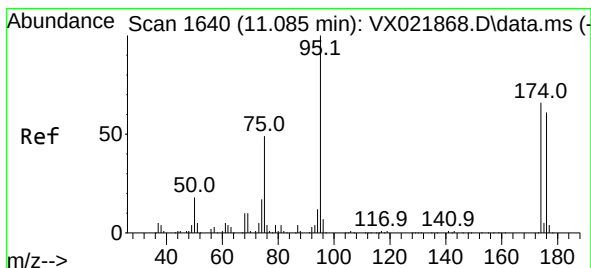
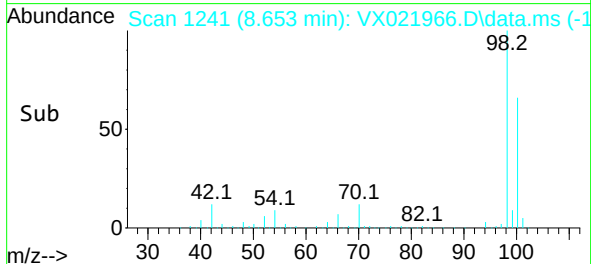
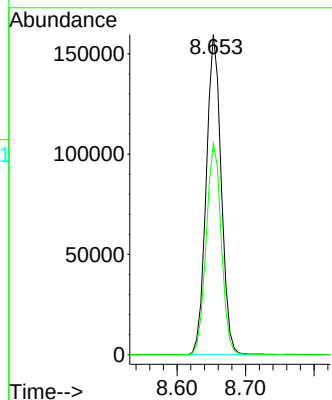
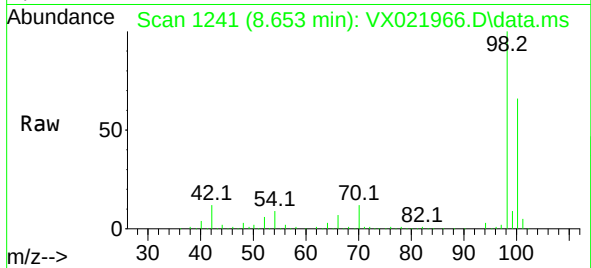




#50
Toluene-d8
Concen: 51.62 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

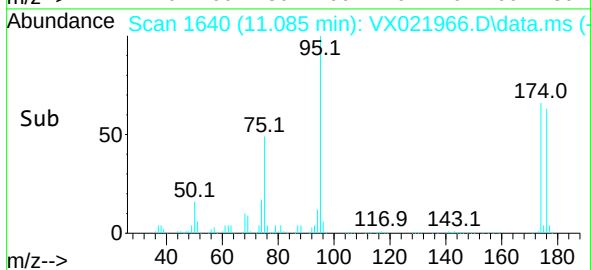
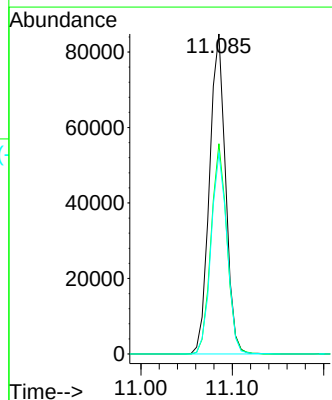
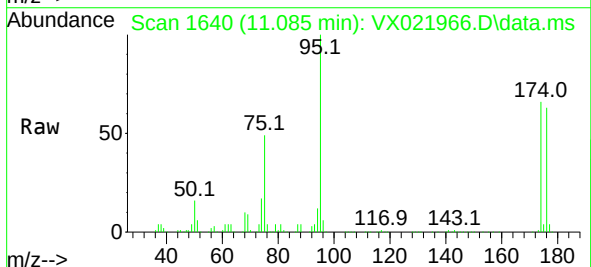
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

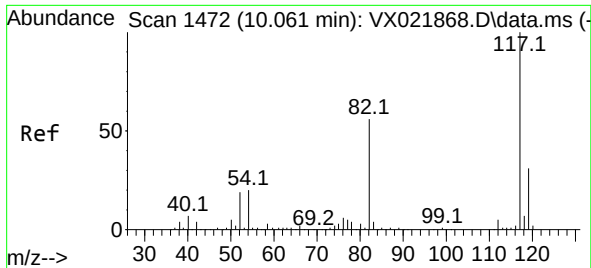
Tgt Ion: 98 Resp: 242634
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.69 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion: 95 Resp: 103292
Ion Ratio Lower Upper
95 100
174 64.7 0.0 154.6
176 62.6 0.0 155.8

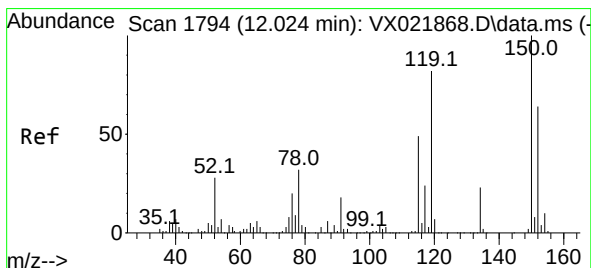
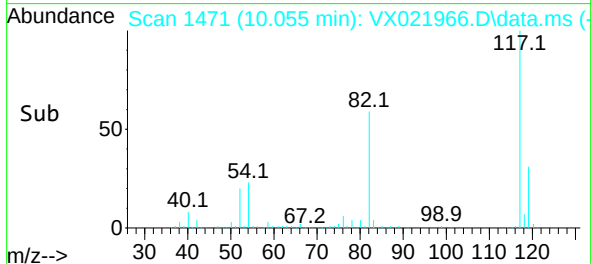
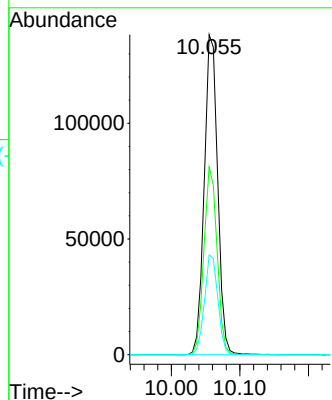
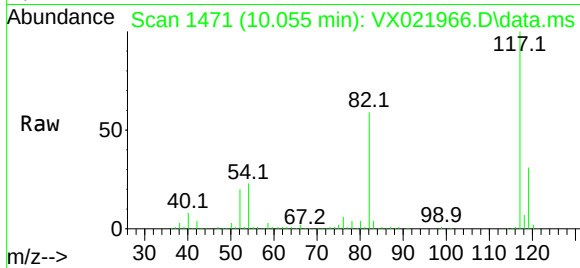




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

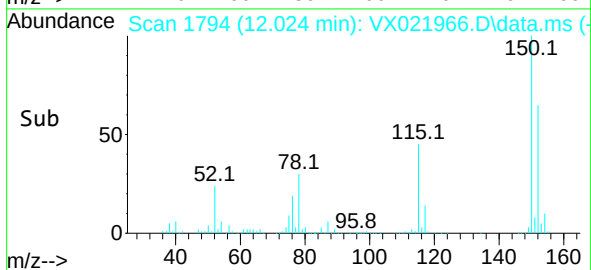
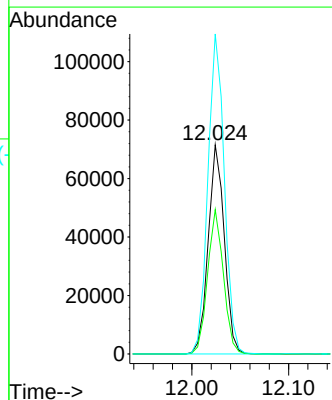
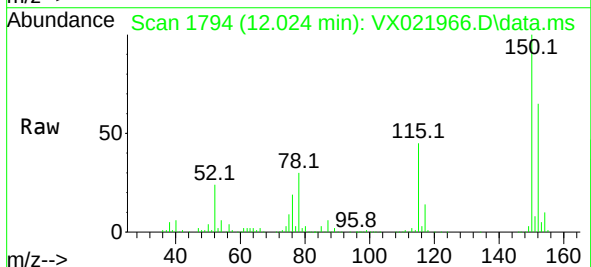
Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

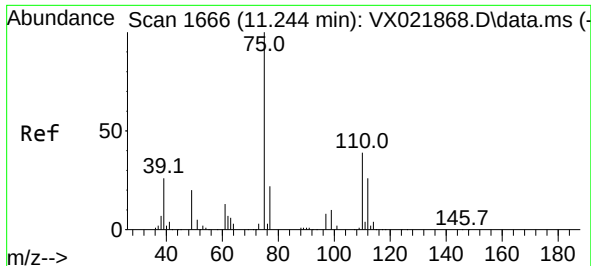
Tgt Ion:117 Resp: 188824
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion:152 Resp: 83029
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 155.6 0.0 349.0

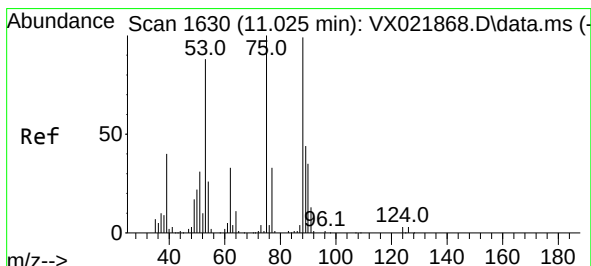
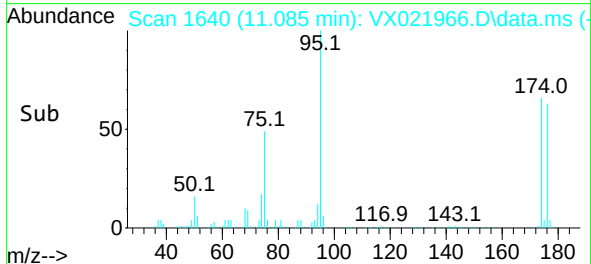
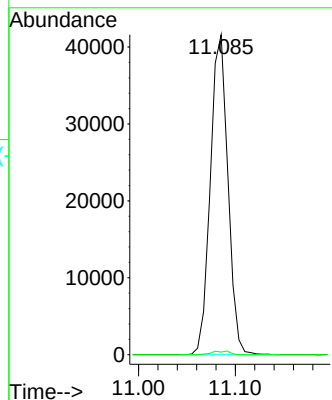
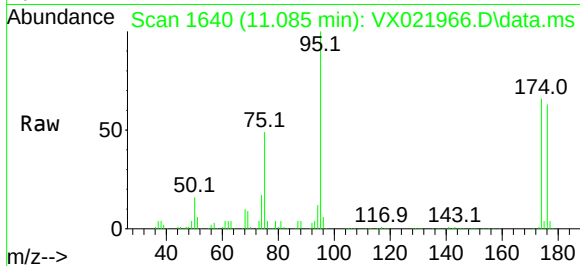




#76
1,2,3-Trichloropropane
Concen: 22.24 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
FB-01-05112021

Tgt Ion: 75 Resp: 52506
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.60 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021966.D
Acq: 13 May 2021 14:52

Tgt Ion: 75 Resp: 52506
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

