

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021979.D
 Acq On : 13 May 2021 19:45
 Operator : JC/MD
 Sample : M2367-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PV-SP1

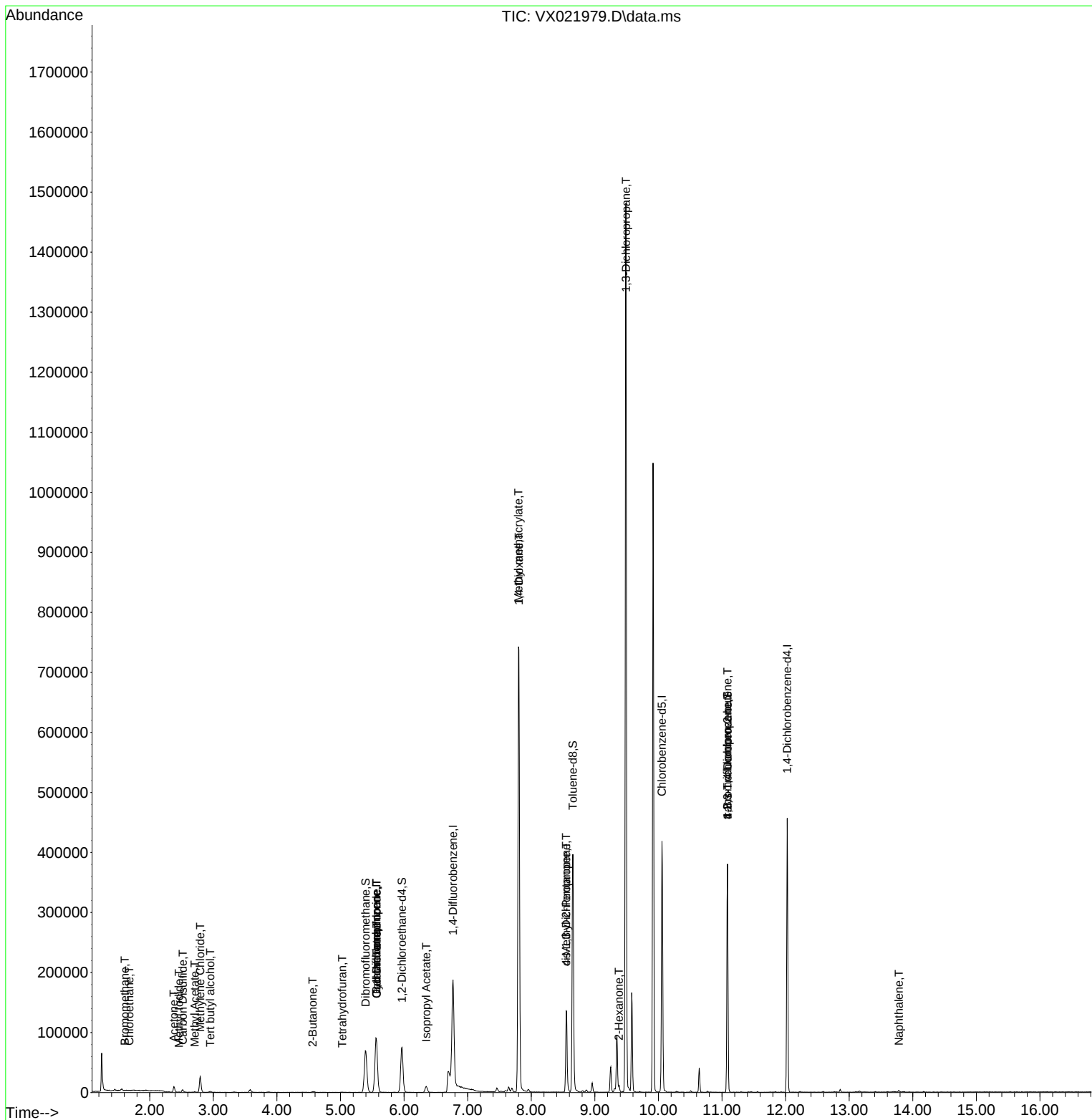
Quant Time: May 14 04:41:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

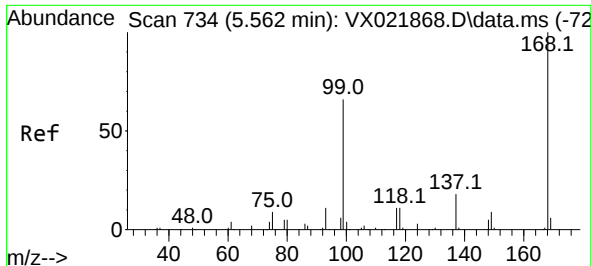
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	80030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68085	51.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.38%			
35) Dibromofluoromethane	5.398	113	60889	50.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.52%			
50) Toluene-d8	8.653	98	236107	51.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.14%			
62) 4-Bromofluorobenzene	11.086	95	103819	56.90	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.80%			
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	164	0.31	ug/l #	2
6) Chloroethane	1.679	64	162	0.21	ug/l #	43
10) Methyl Iodide	2.459	142	290	0.24	ug/l #	50
11) Tert butyl alcohol	2.953	59	1040	2.96	ug/l #	73
13) Acrolein	2.227	56	84	Below Cal	#	1
16) Acetone	2.380	43	9920	16.79	ug/l	100
17) Carbon Disulfide	2.520	76	4973	1.65	ug/l	98
18) Methyl Acetate	2.709	43	1017	0.62	ug/l #	74
20) Methylene Chloride	2.794	84	11527	9.58	ug/l	92
25) 2-Butanone	4.562	43	1833	1.80	ug/l	92
29) Tetrahydrofuran	5.026	42	377	0.62	ug/l #	27
31) Cyclohexane	5.568	56	1998	1.15	ug/l #	37
36) 1,1-Dichloropropene	5.562	75	7323	3.91	ug/l #	45
38) Carbon Tetrachloride	5.568	117	9090	4.85	ug/l #	15
43) Isopropyl Acetate	6.349	43	13949	3.64	ug/l	94
48) Methyl methacrylate	7.800	41	61962	35.17	ug/l #	36
49) 1,4-Dioxane	7.806	88	106	2.86	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	47157	19.78	ug/l #	46
54) cis-1,3-Dichloropropene	8.549	75	23011	9.35	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	12905	5.24	ug/l #	43
59) 2-Hexanone	9.378	43	5198	2.83	ug/l #	19
76) 1,2,3-Trichloropropane	11.086	75	52552	21.95	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	52552	50.91	ug/l #	12
95) Naphthalene	13.780	128	1889	0.25	ug/l	100

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

Quant Time: May 14 04:41:10 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

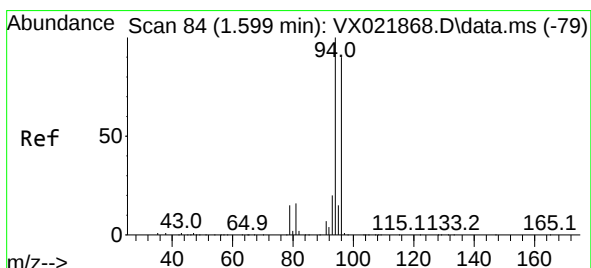
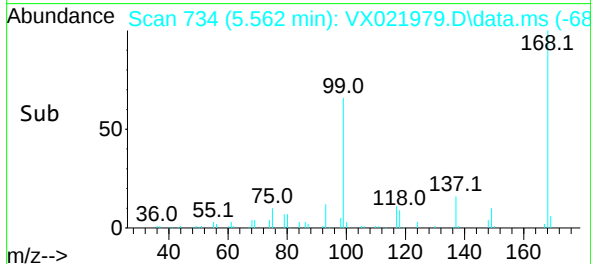
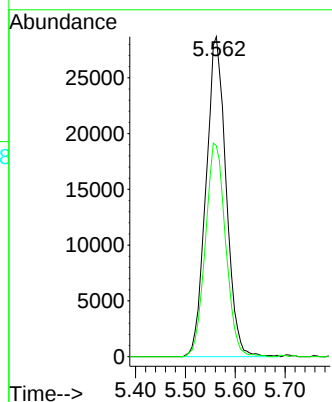
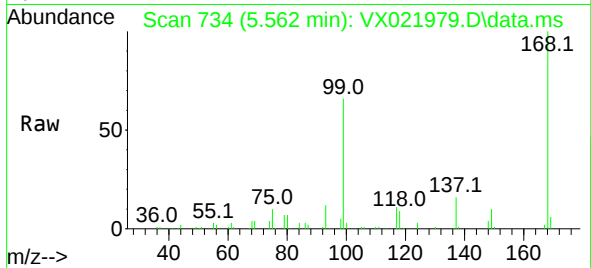




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

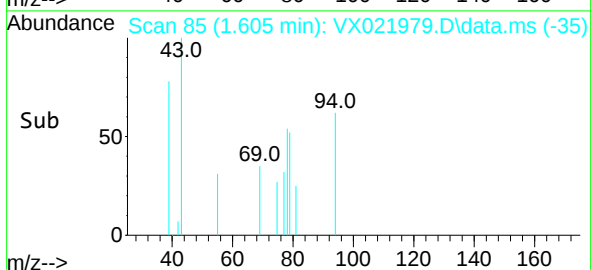
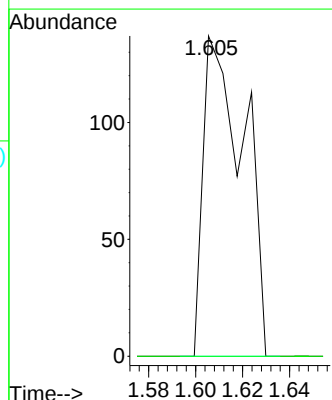
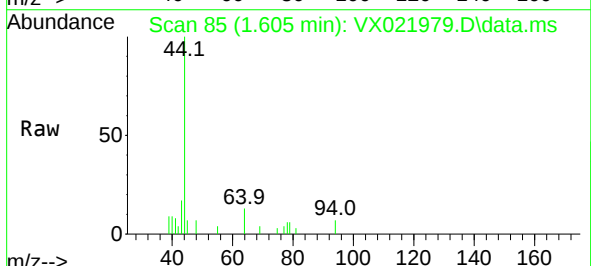
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

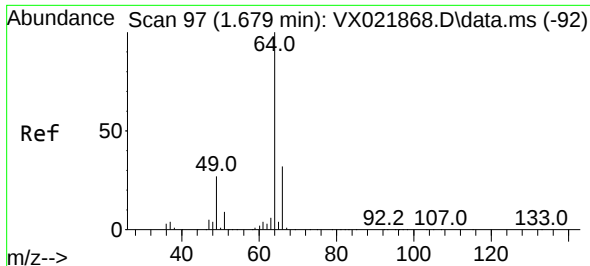
Tgt Ion:168 Resp: 80030
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

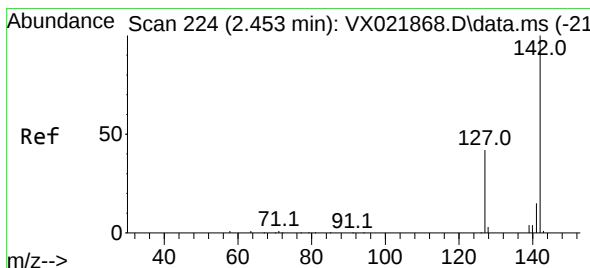
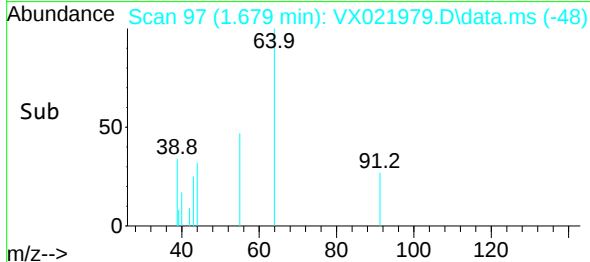
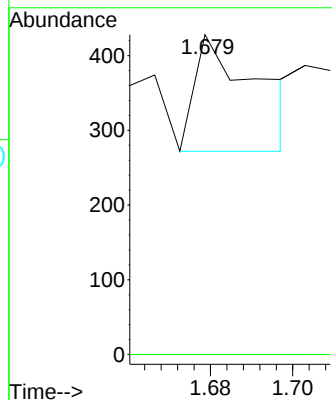
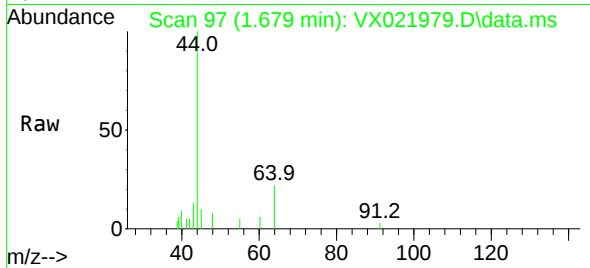




#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

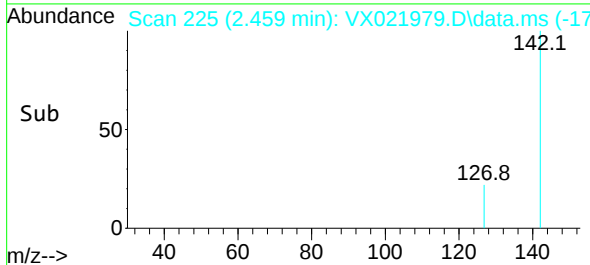
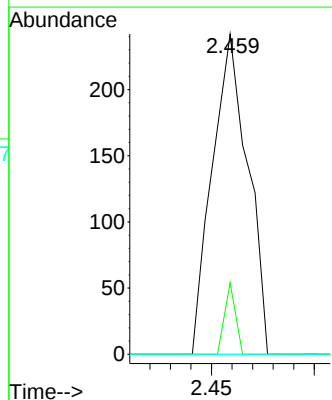
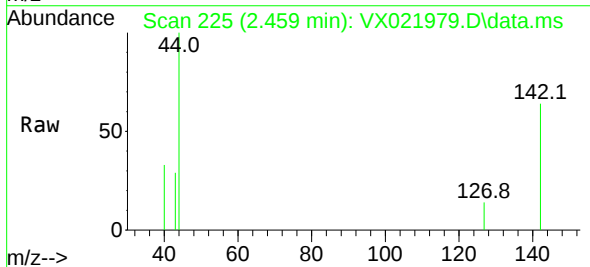
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

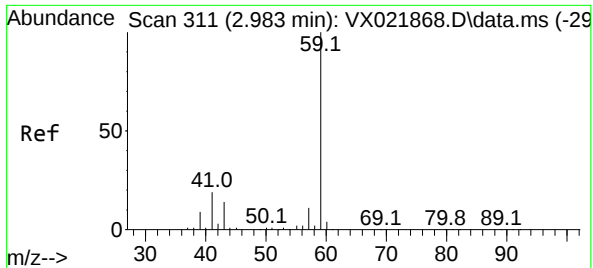
Tgt Ion: 64 Resp: 162
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 142 Resp: 290
Ion Ratio Lower Upper
142 100
127 6.9 33.3 49.9#
141 0.0 11.4 17.0#



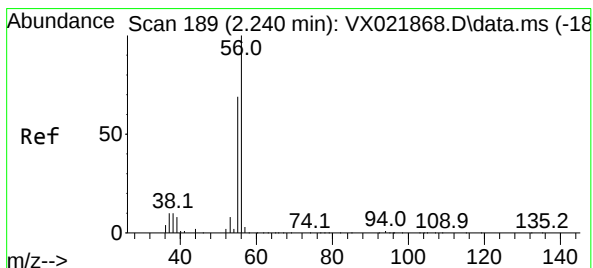
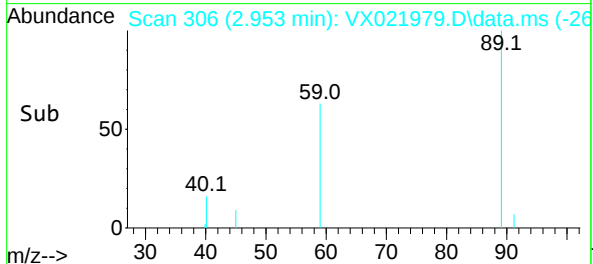
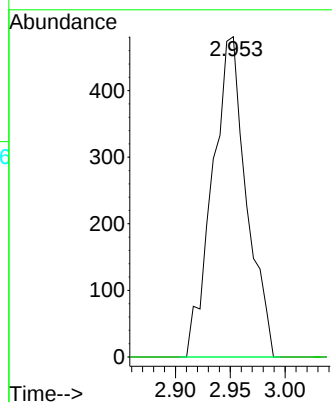
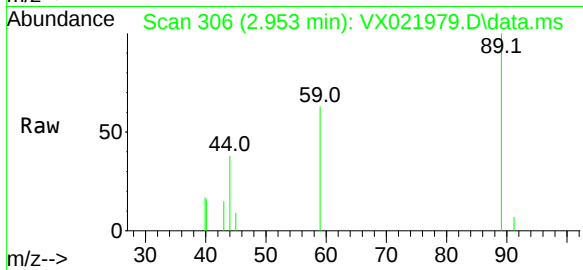


#11

Tert butyl alcohol
Concen: 2.96 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

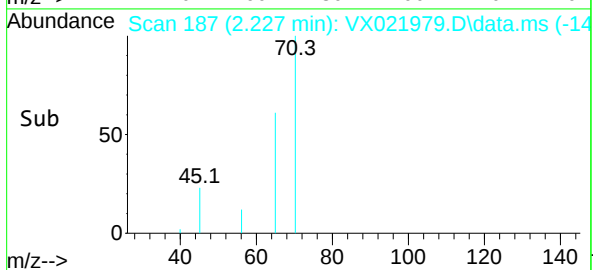
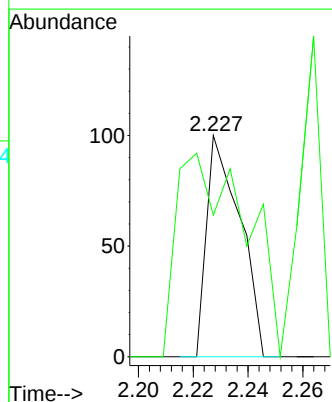
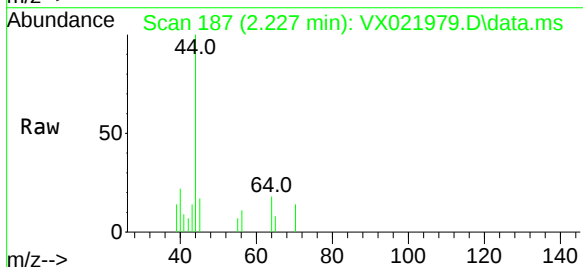
Tgt Ion: 59 Resp: 1040
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

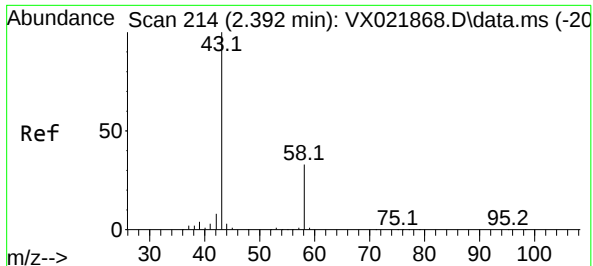


#13

Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 194.0 56.4 84.6#

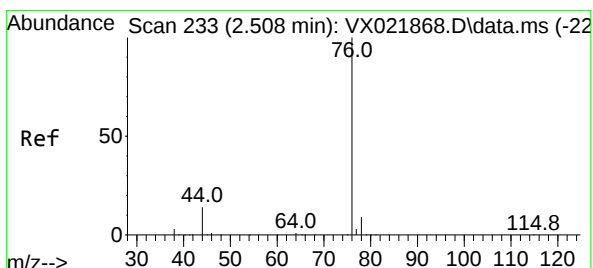
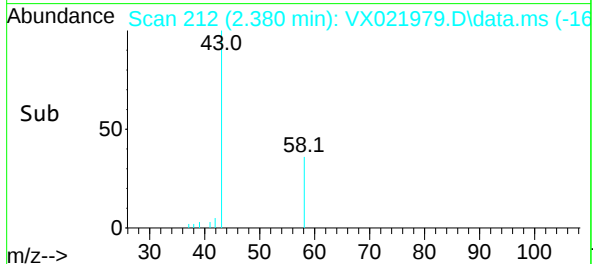
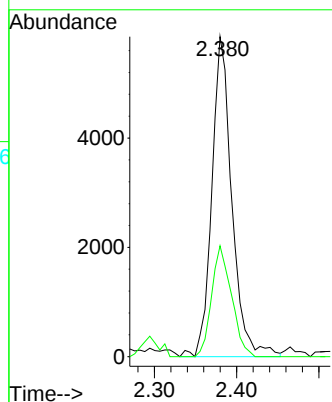
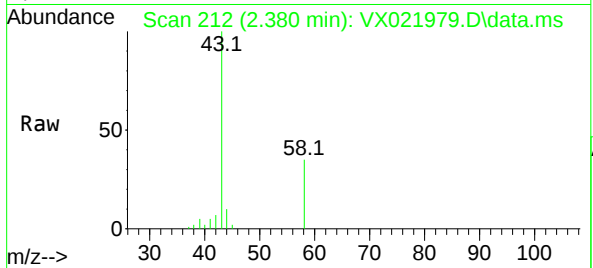




#16
Acetone
Concen: 16.79 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

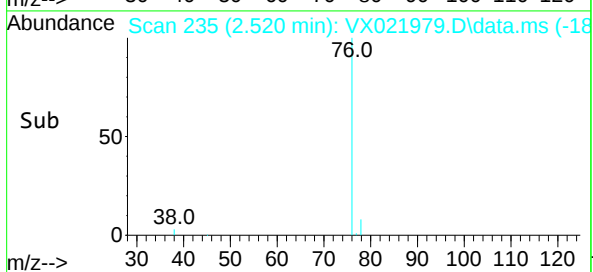
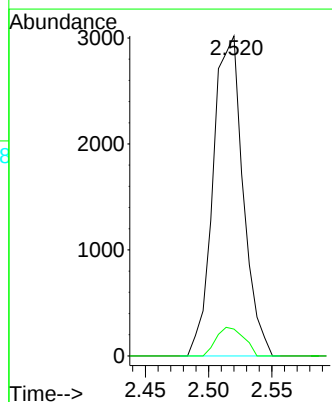
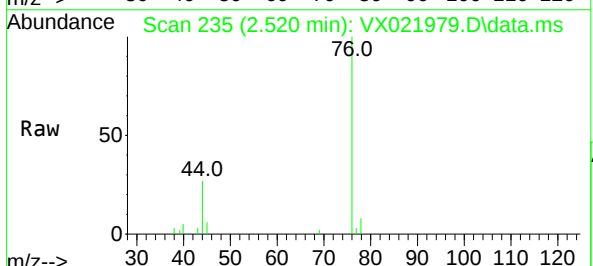
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

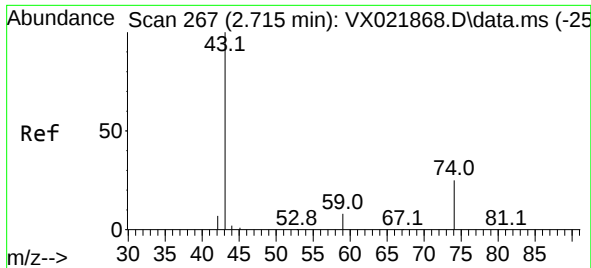
Tgt Ion: 43 Resp: 9920
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8



#17
Carbon Disulfide
Concen: 1.65 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 76 Resp: 4973
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

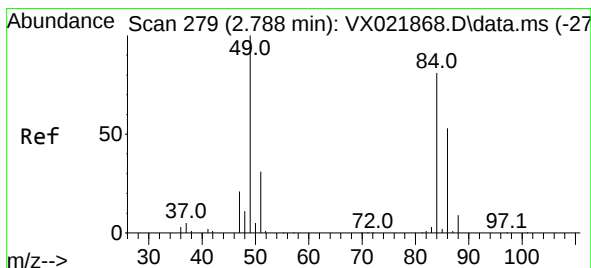
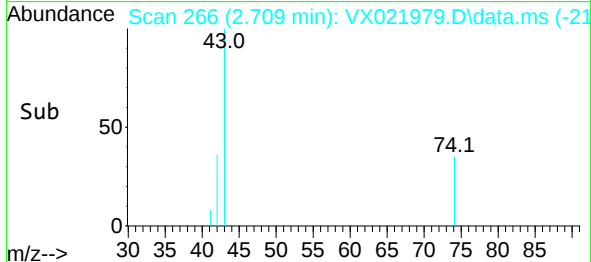
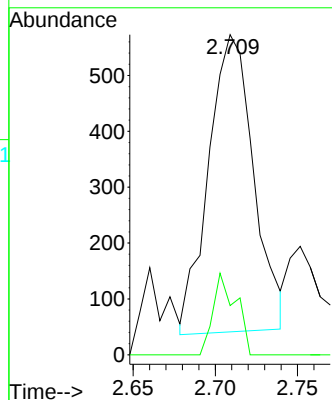
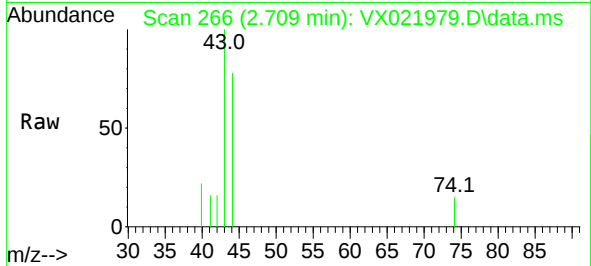




#18
Methyl Acetate
Concen: 0.62 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

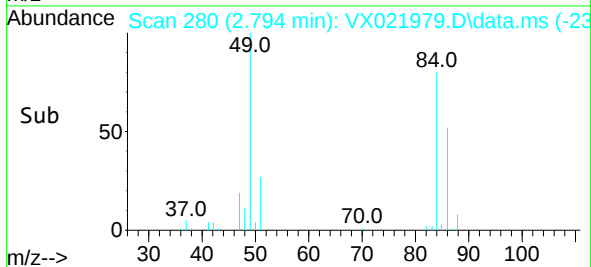
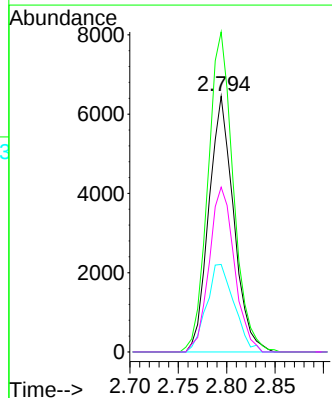
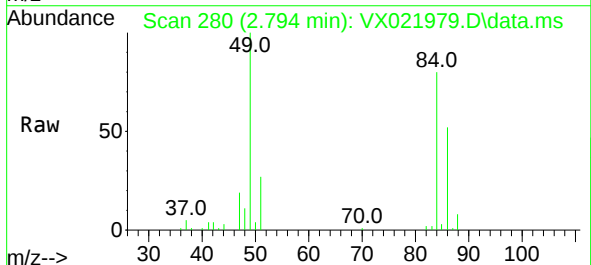
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

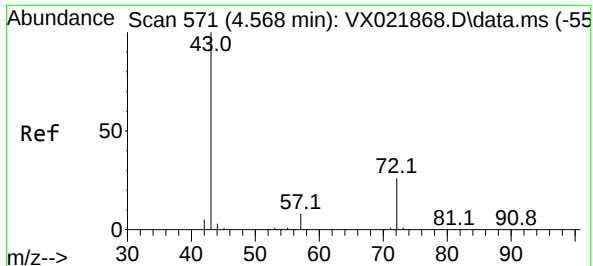
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
74 14.0 21.9 32.9#



#20
Methylene Chloride
Concen: 9.58 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 84 Resp: 11527
Ion Ratio Lower Upper
84 100
49 125.2 88.6 132.8
51 34.2 27.0 40.6
86 64.5 50.3 75.5





#25

2-Butanone

Concen: 1.80 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX021979.D

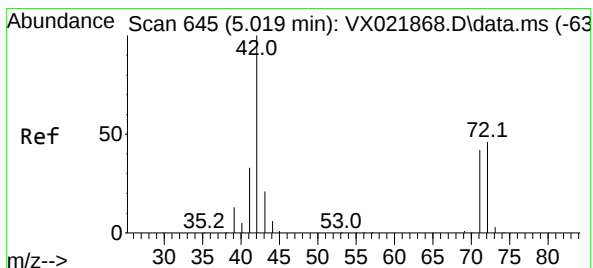
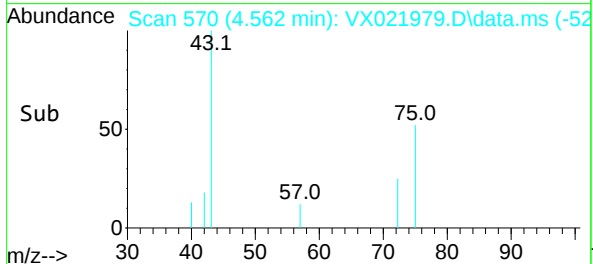
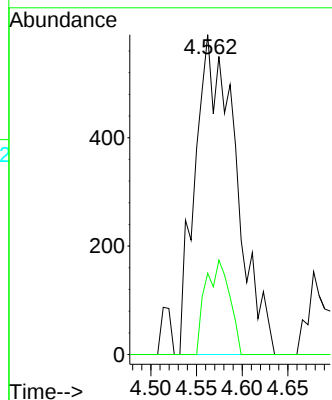
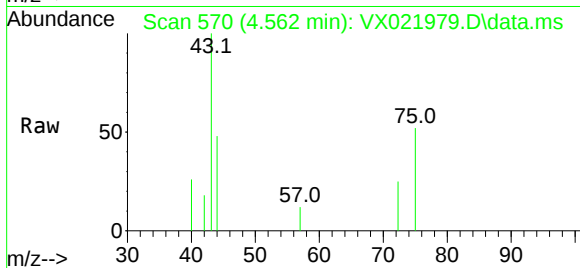
Acq: 13 May 2021 19:45

Tgt Ion: 43 Resp: 1833

Ion Ratio Lower Upper

43 100

72 25.4 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.62 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.007 min

Lab File: VX021979.D

Acq: 13 May 2021 19:45

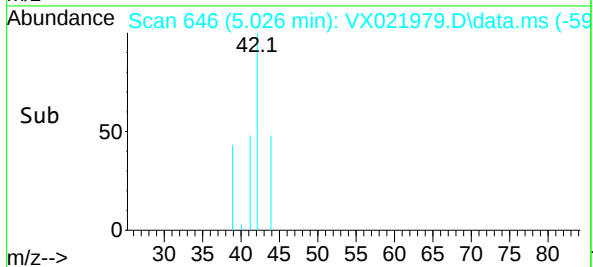
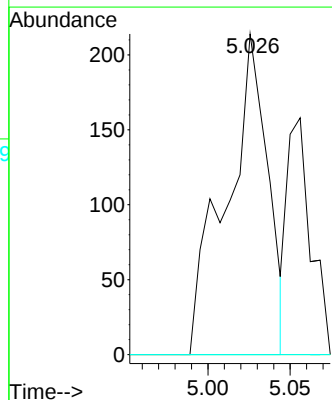
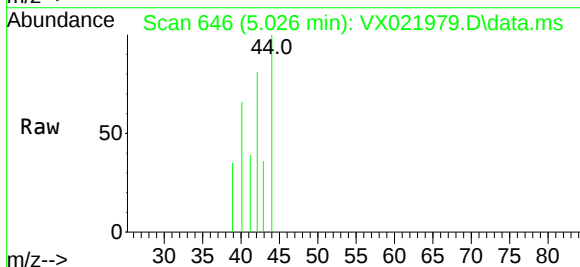
Tgt Ion: 42 Resp: 377

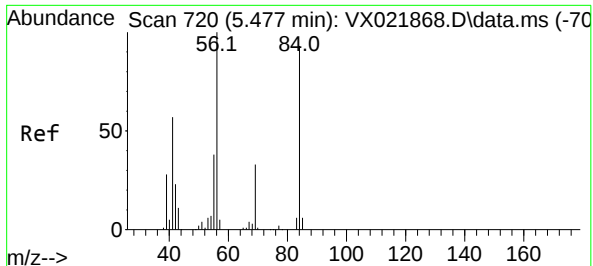
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

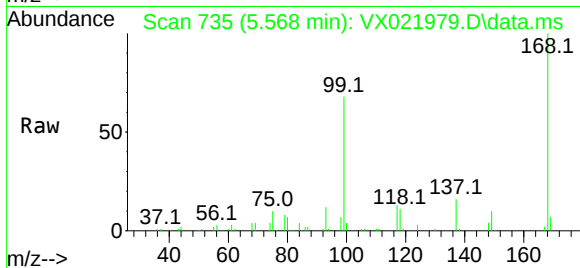
71 0.0 38.4 57.6#



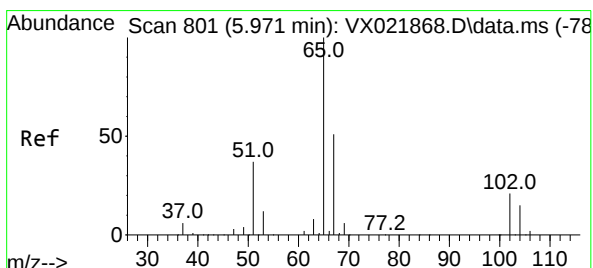
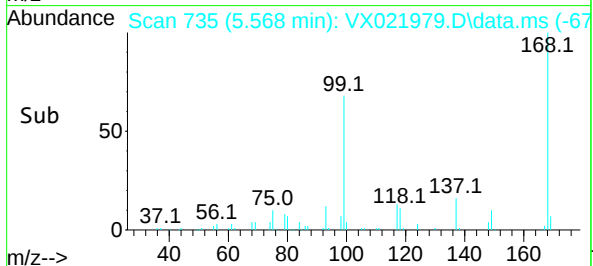
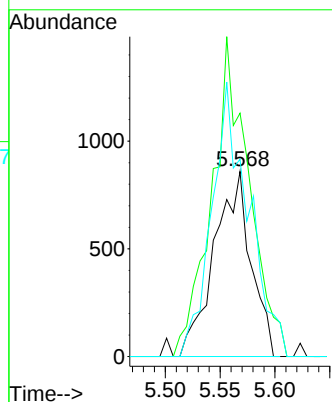


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

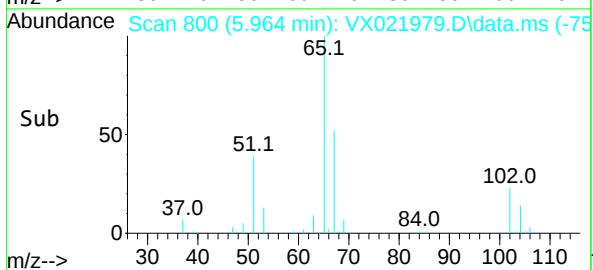
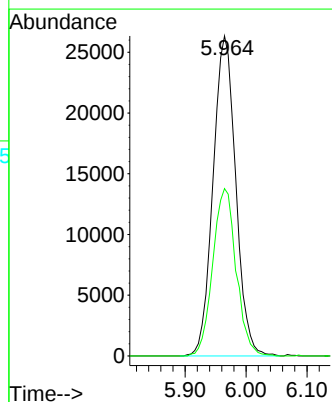
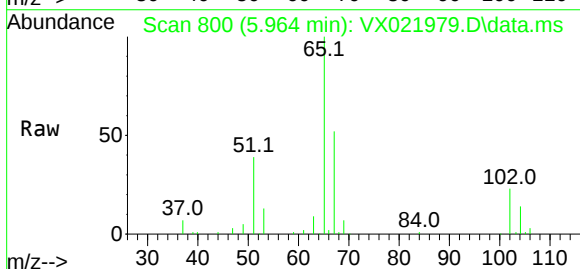


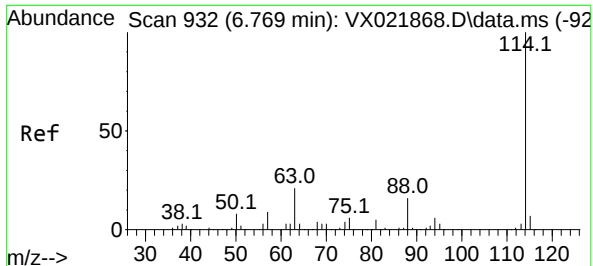
Tgt Ion: 56 Resp: 1998
Ion Ratio Lower Upper
56 100
69 120.3 25.3 37.9#
84 115.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.69 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 65 Resp: 68085
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

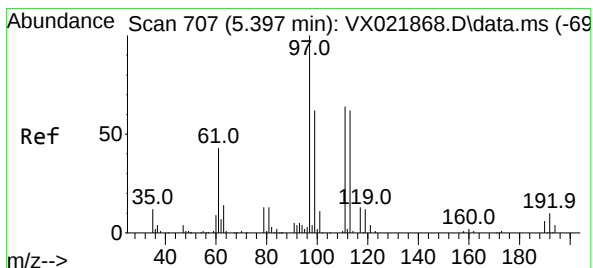
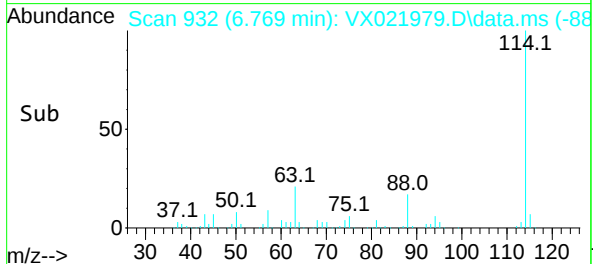
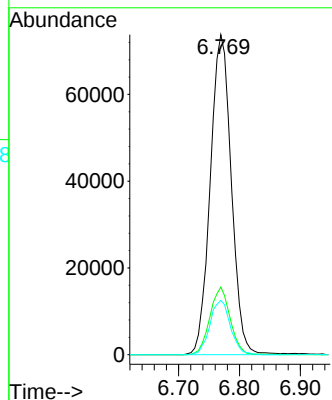
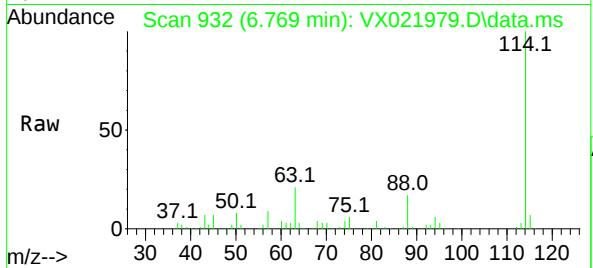




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

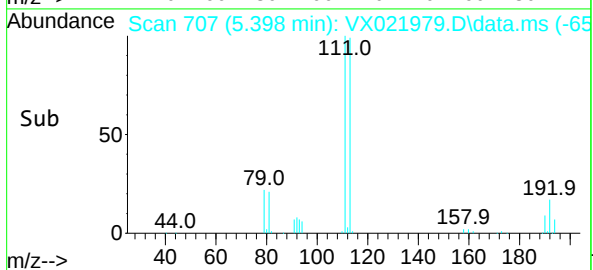
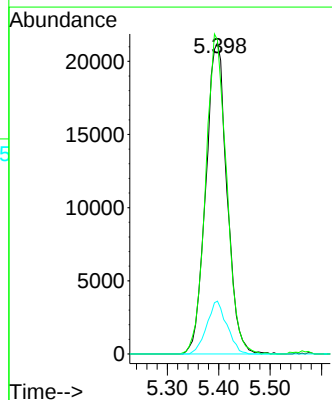
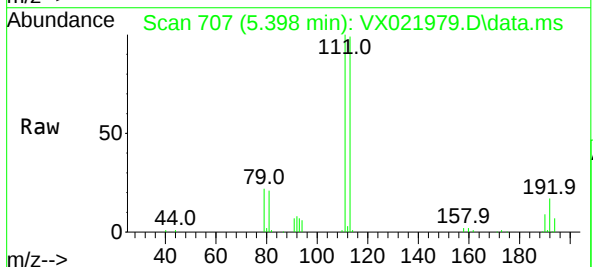
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

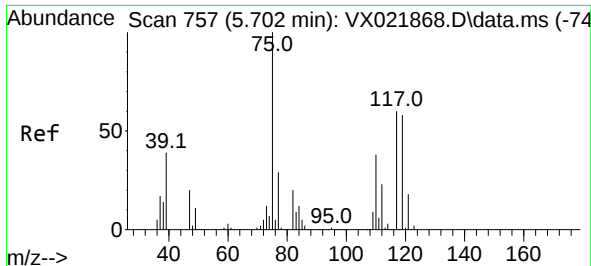
Tgt Ion:114 Resp: 176795
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.26 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion:113 Resp: 60889
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 16.1 16.7 25.1#

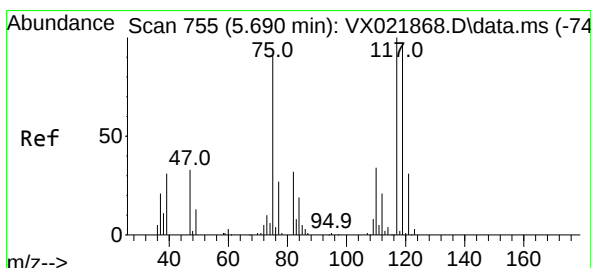
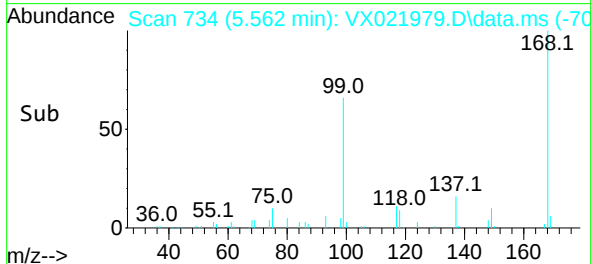
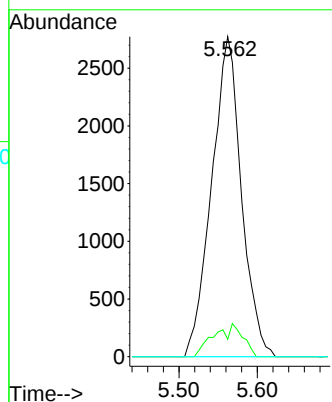
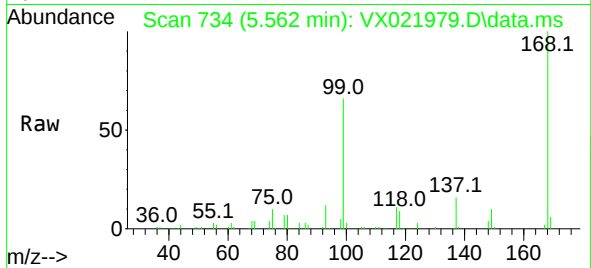




#36
1,1-Dichloropropene
Concen: 3.91 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

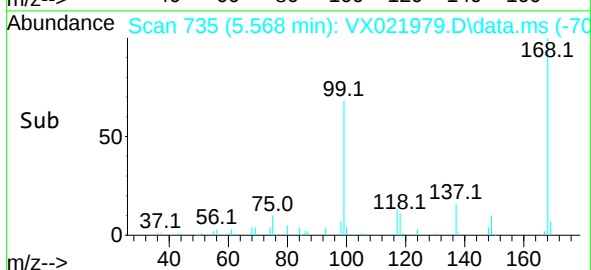
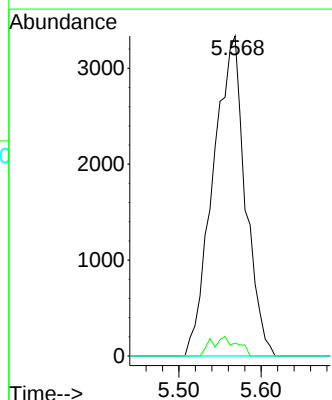
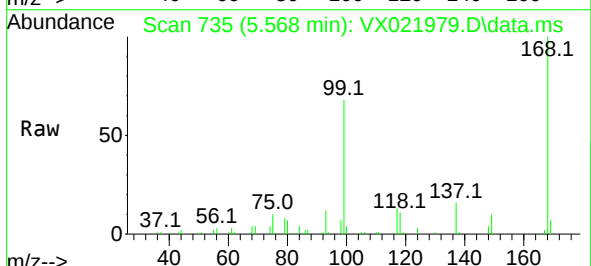
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

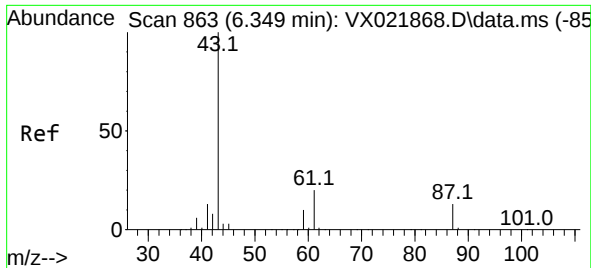
Tgt Ion: 75 Resp: 7323
Ion Ratio Lower Upper
75 100
110 4.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.85 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 117 Resp: 9090
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

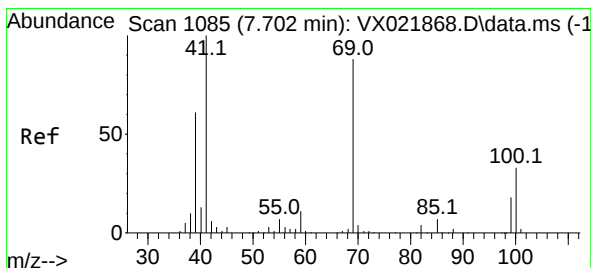
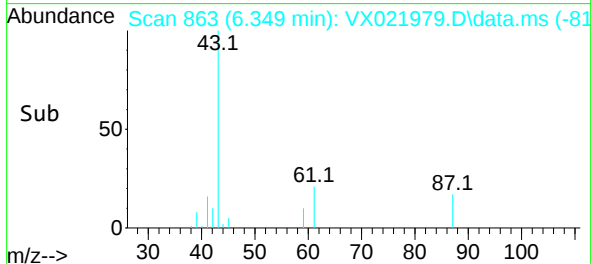
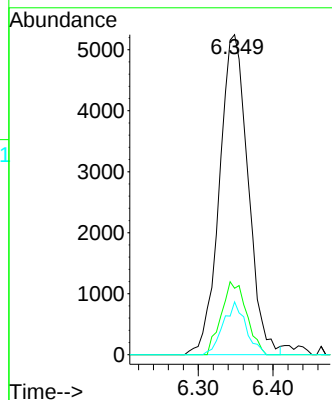
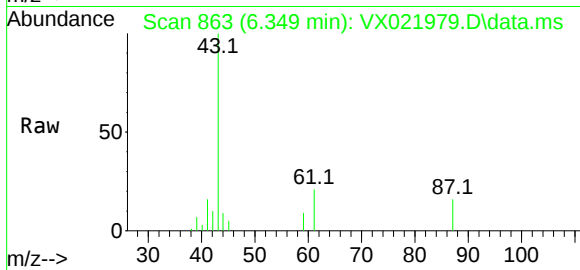




#43
Isopropyl Acetate
Concen: 3.64 ug/l
RT: 6.349 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

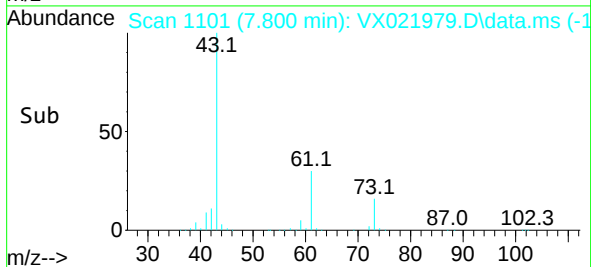
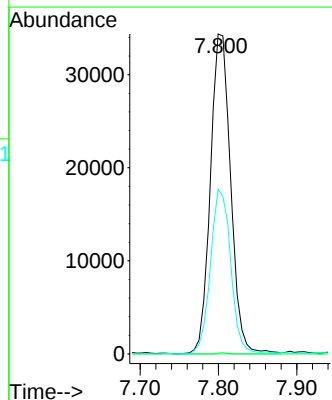
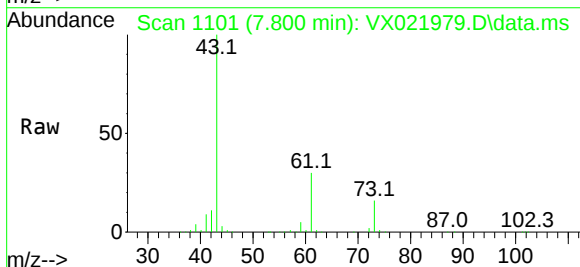
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

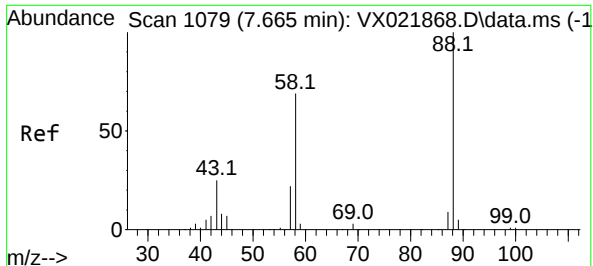
Tgt Ion: 43	Resp: 13949
Ion Ratio	Lower Upper
43 100	
61 20.2	18.2 27.4
87 13.1	12.5 18.7



#48
Methyl methacrylate
Concen: 35.17 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.098 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 41	Resp: 61962
Ion Ratio	Lower Upper
41 100	
69 0.2	76.0 114.0#
39 51.6	44.6 67.0

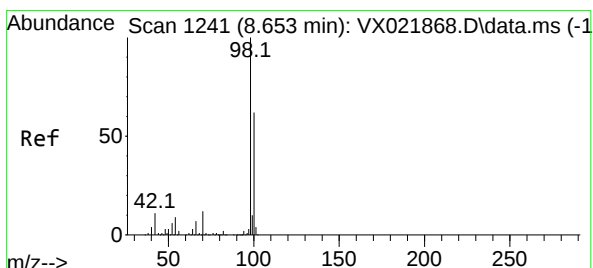
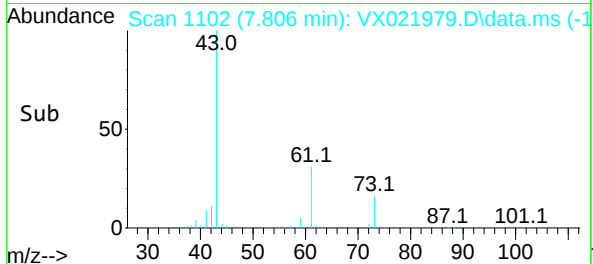
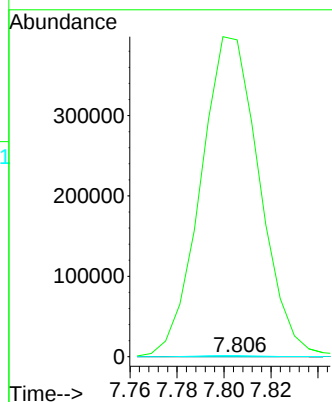
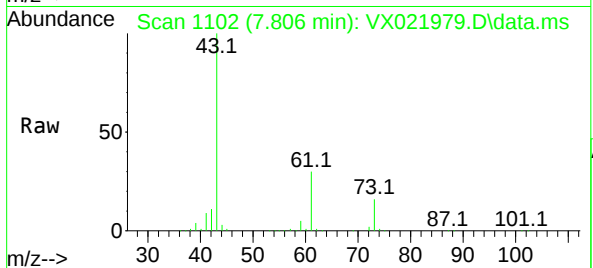




#49
1,4-Dioxane
Concen: 2.86 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

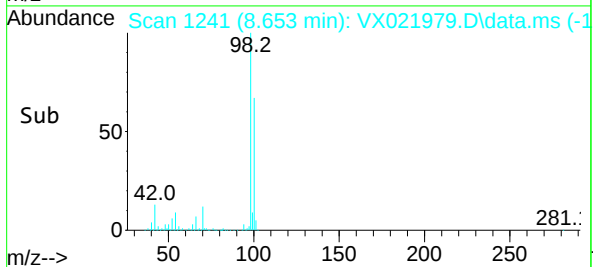
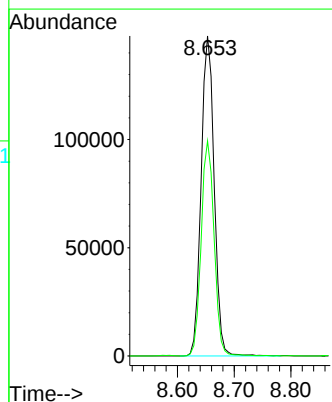
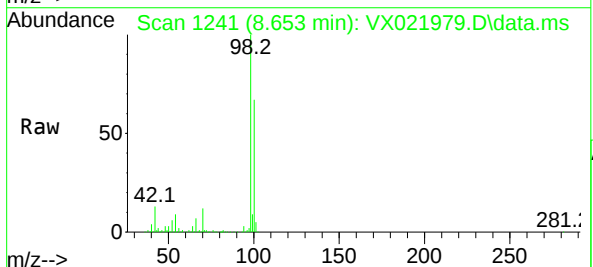
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

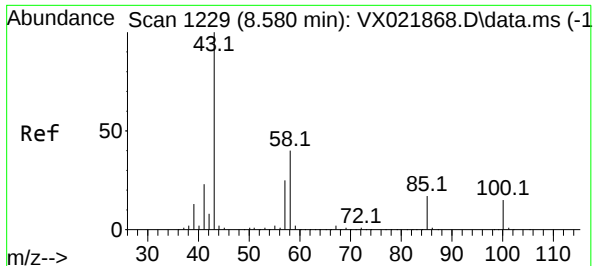
Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 663123.6 23.2 34.8#
58 2362.3 55.0 82.4#



#50
Toluene-d8
Concen: 51.07 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 98 Resp: 236107
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

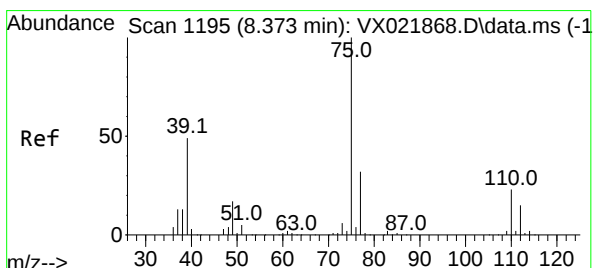
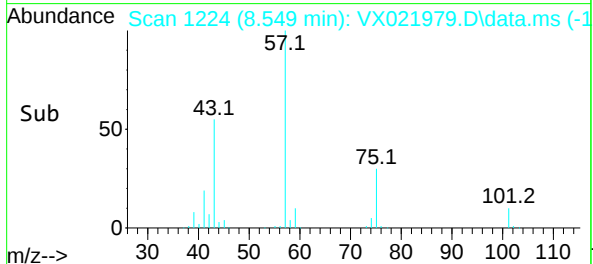
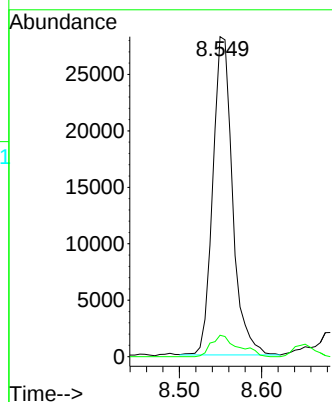
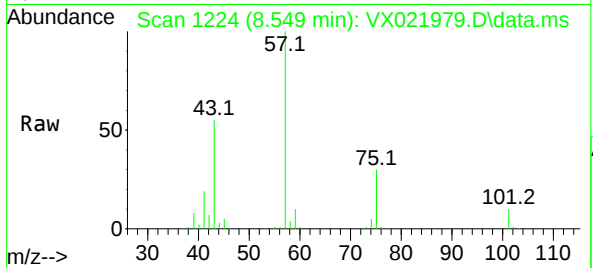




#51
4-Methyl-2-Pentanone
Concen: 19.78 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

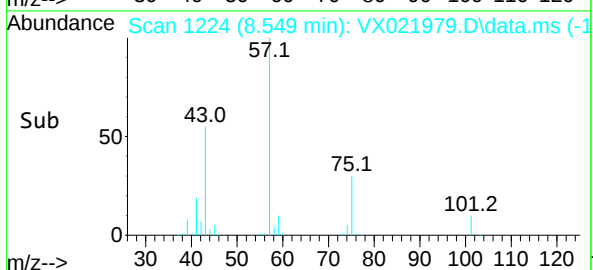
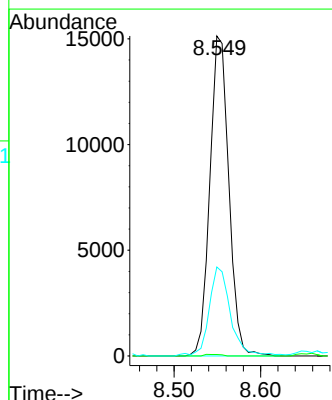
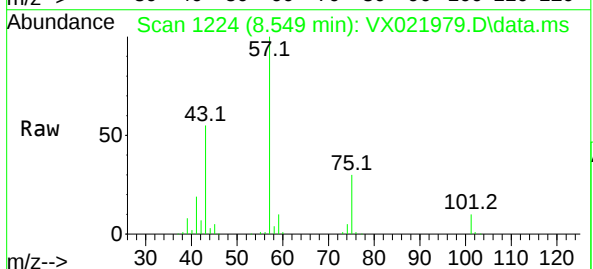
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

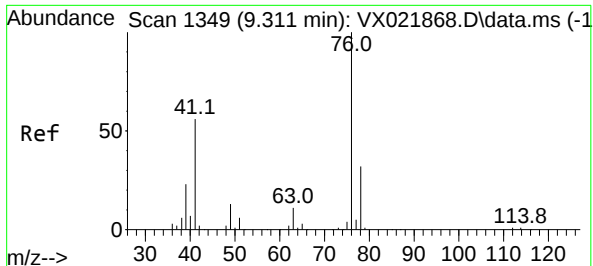
Tgt Ion: 43 Resp: 47157
Ion Ratio Lower Upper
43 100
58 9.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.35 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.176 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 75 Resp: 23011
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 27.3 35.1 52.7#



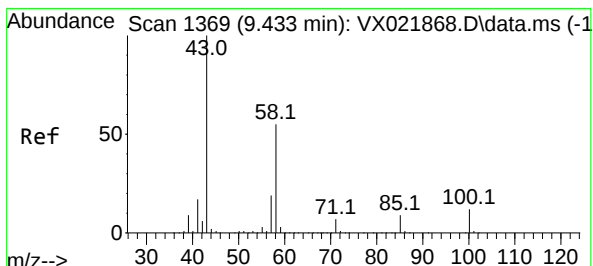
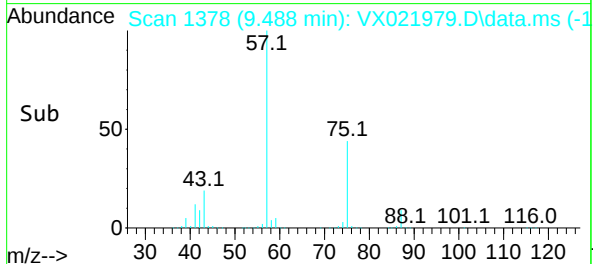
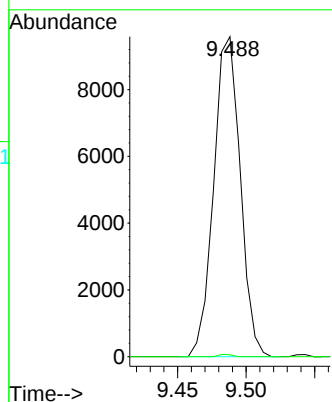
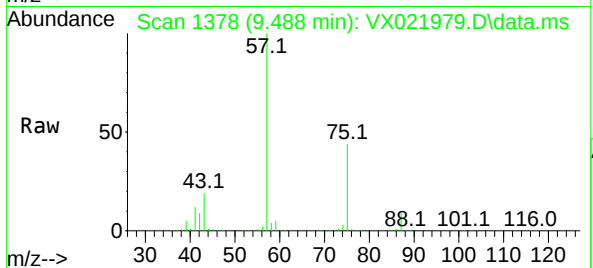


#57

1,3-Dichloropropane
Concen: 5.24 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Instrument :
MSVOA_X
ClientSampled :
PV-SP1

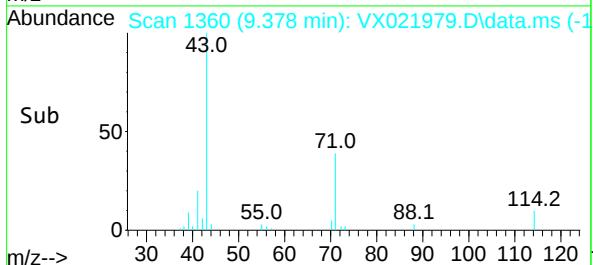
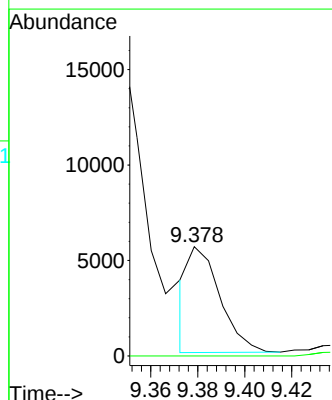
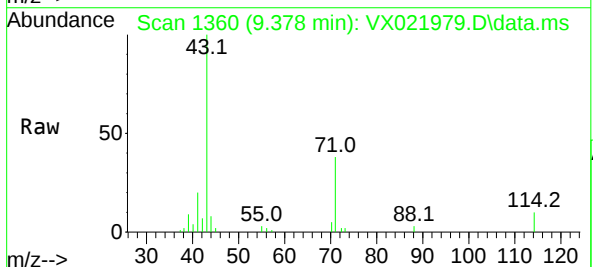
Tgt Ion: 76 Resp: 12905
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

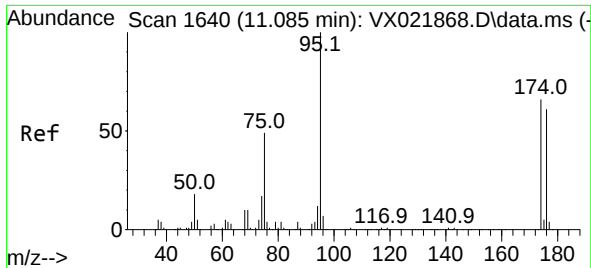


#59

2-Hexanone
Concen: 2.83 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 43 Resp: 5198
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

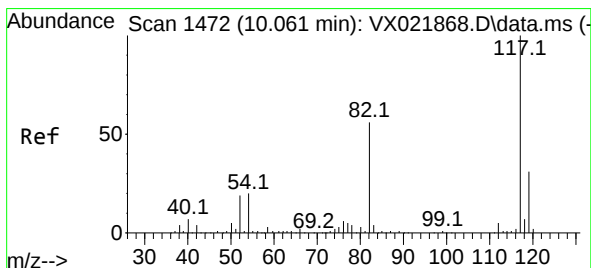
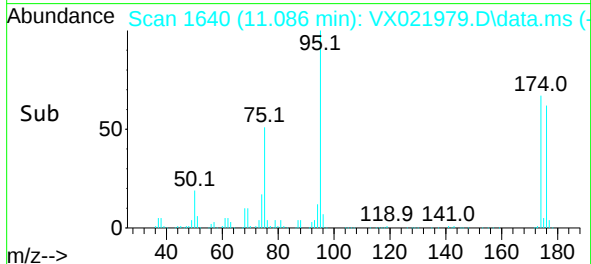
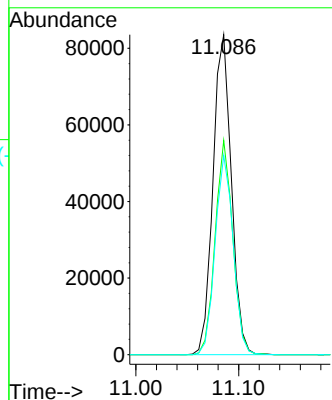
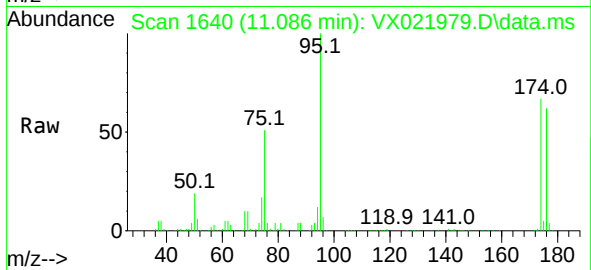




#62
4-Bromofluorobenzene
Concen: 56.90 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

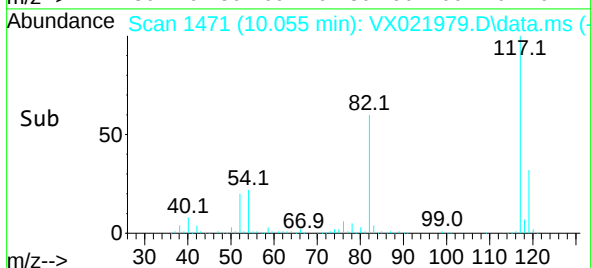
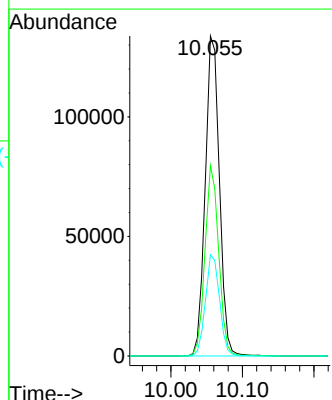
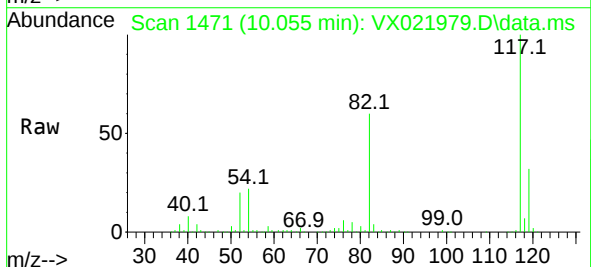
Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

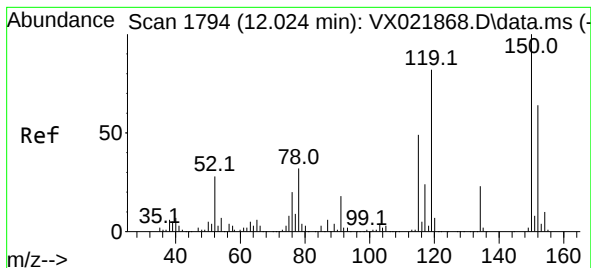
Tgt Ion: 95 Resp: 103819
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 61.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion: 117 Resp: 184910
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.6 26.6 39.8

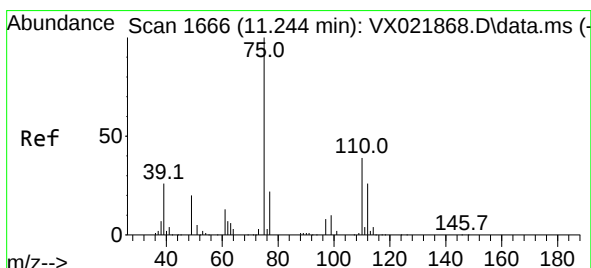
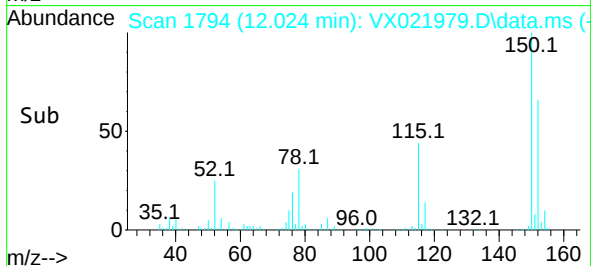
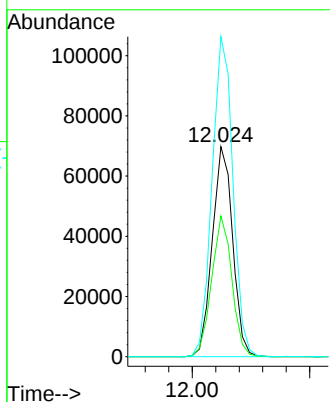
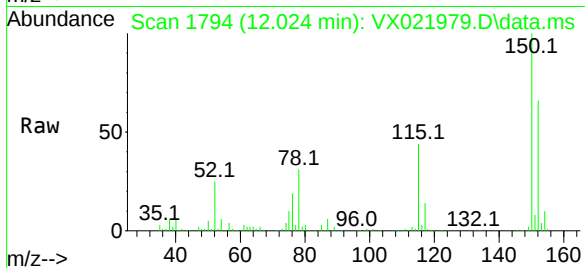




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX021979.D
 Acq: 13 May 2021 19:45

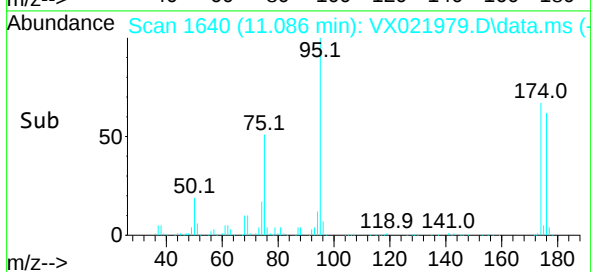
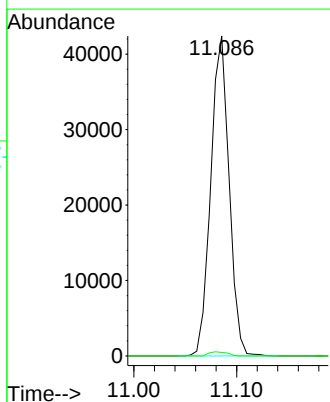
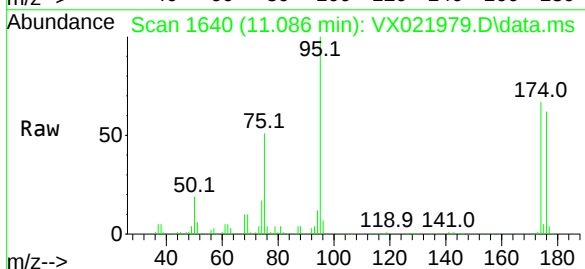
Instrument :
 MSVOA_X
 ClientSampleId :
 PV-SP1

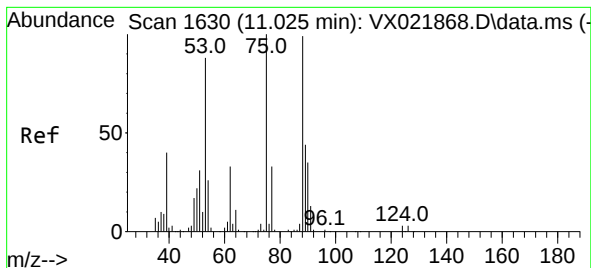
Tgt Ion:152 Resp: 84229
 Ion Ratio Lower Upper
 152 100
 115 66.2 41.1 123.3
 150 155.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.95 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX021979.D
 Acq: 13 May 2021 19:45

Tgt Ion: 75 Resp: 52552
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

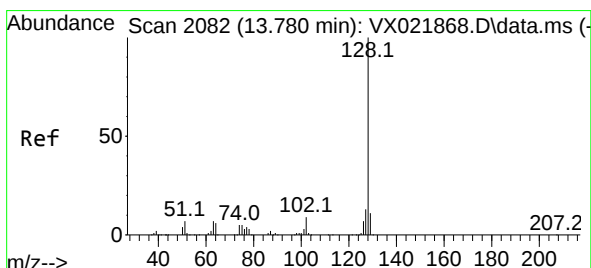
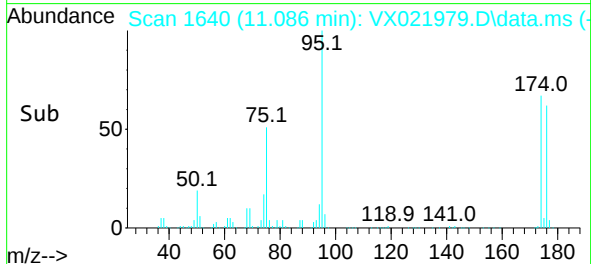
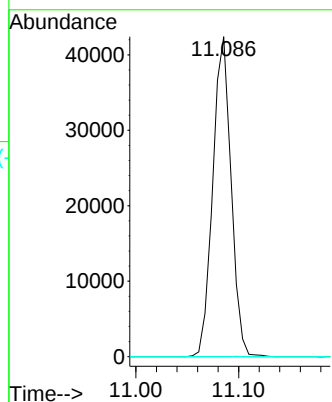
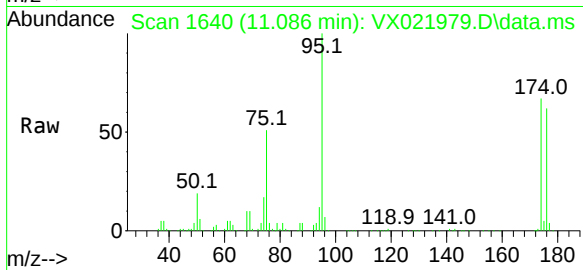




#81
trans-1,4-Dichloro-2-butene
Concen: 50.91 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
PV-SP1

Tgt Ion: 75 Resp: 52552
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.25 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021979.D
Acq: 13 May 2021 19:45

Tgt Ion:128 Resp: 1889
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.4 8.8 13.2

