

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020646.D
 Acq On : 15 Jan 2021 21:13
 Operator : JC/MD
 Sample : M1157-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jan 16 00:59:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

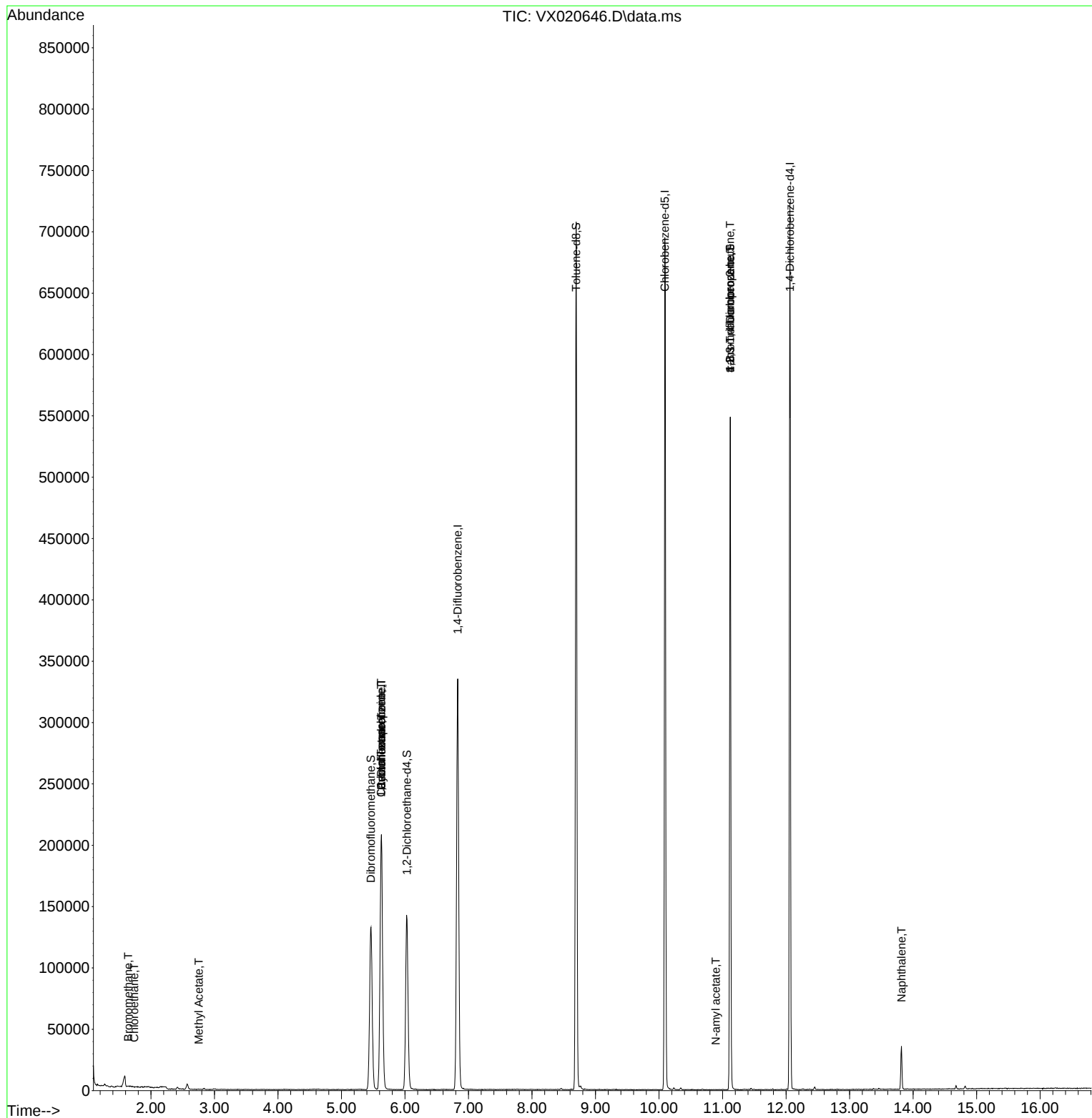
Internal Standards						
1) Pentafluorobenzene	5.629	168	189792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	335769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	321498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	142831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	136265	59.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	119.54%		
35) Dibromofluoromethane	5.465	113	114952	49.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.82%		
50) Toluene-d8	8.696	98	412718	49.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.16%		
62) 4-Bromofluorobenzene	11.122	95	147532	50.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.36%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	314	0.23	ug/l	87
6) Chloroethane	1.733	64	49	0.46	ug/l #	43
11) Tert butyl alcohol	2.995	59	553	Below Cal	#	73
16) Acetone	2.416	43	1761	Below Cal		99
18) Methyl Acetate	2.752	43	447	0.22	ug/l #	47
31) Cyclohexane	5.629	56	3982	1.49	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15453	5.04	ug/l #	49
38) Carbon Tetrachloride	5.623	117	19819	5.54	ug/l #	17
74) N-amyl acetate	10.896	43	19	1.24	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	74982	24.92	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	74982	67.90	ug/l #	12
95) Naphthalene	13.817	128	21809	5.75	ug/l	99

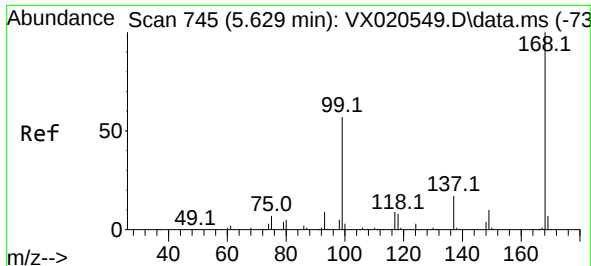
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

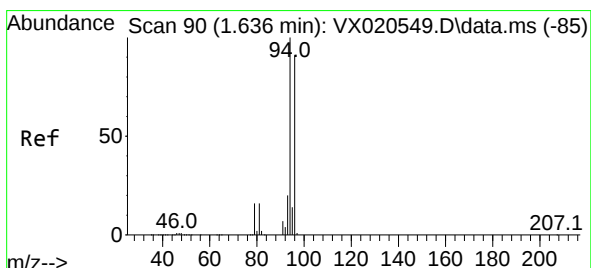
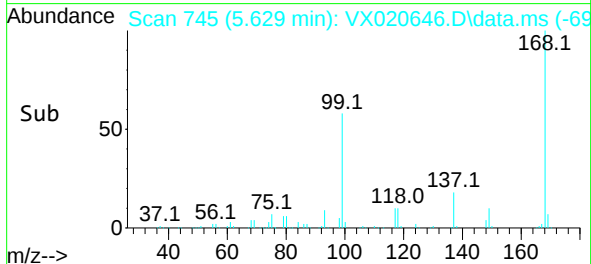
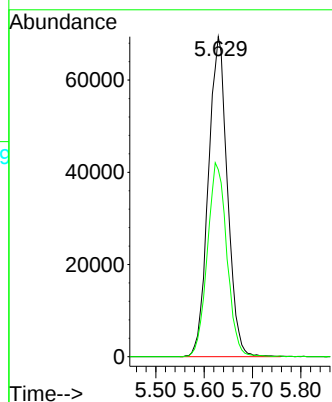
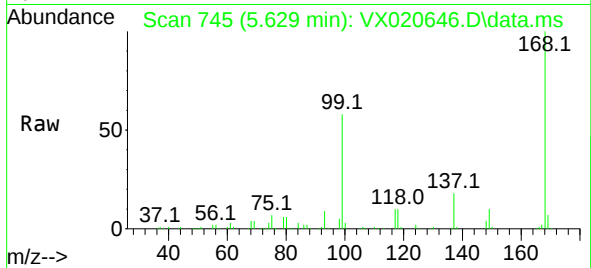




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

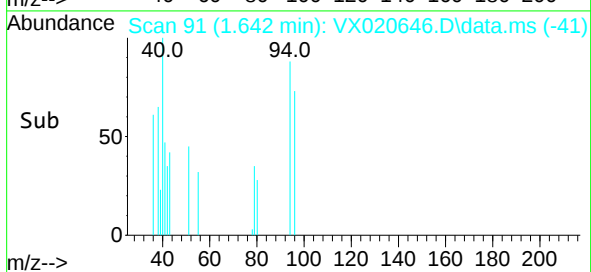
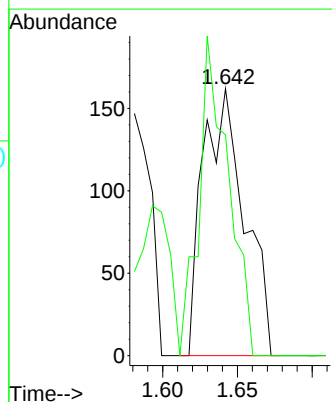
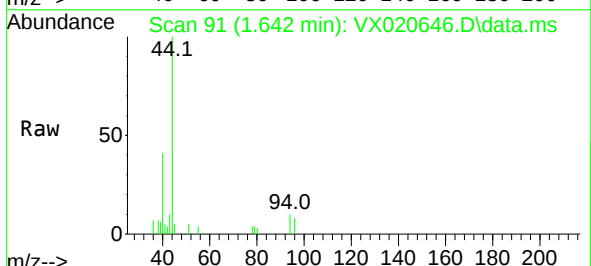
Instrument :
MSVOA_X
ClientSampleId :
MW-4

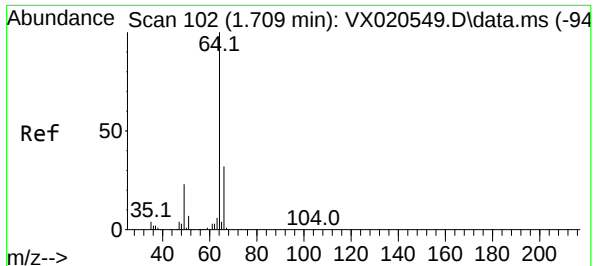
Tgt Ion:168 Resp: 189792
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 82.7 76.4 114.6

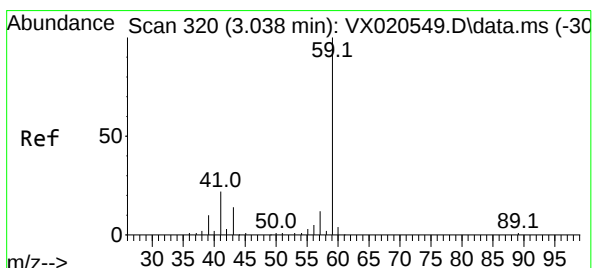
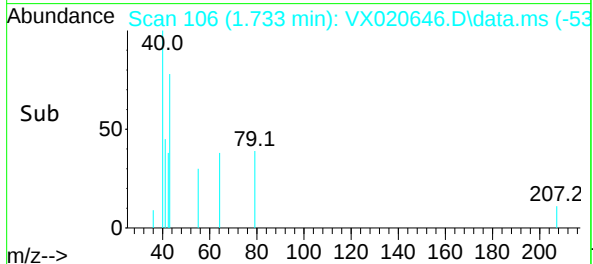
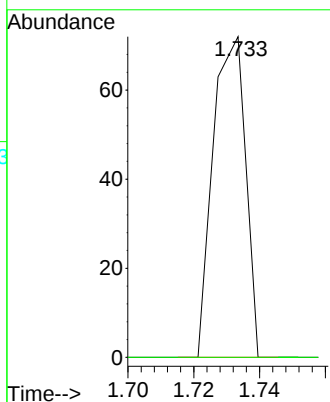
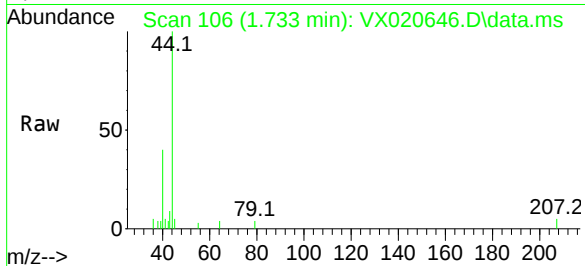




#6
Chloroethane
Concen: 0.46 ug/l
RT: 1.733 min Scan# 106
Delta R.T. 0.024 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

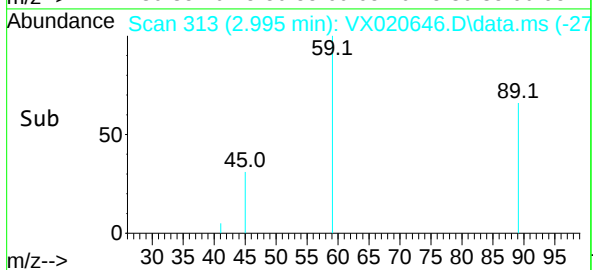
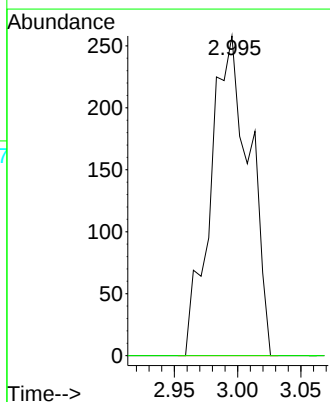
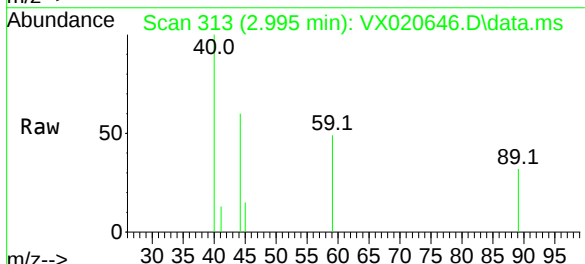
Instrument :
MSVOA_X
ClientSampled :
MW-4

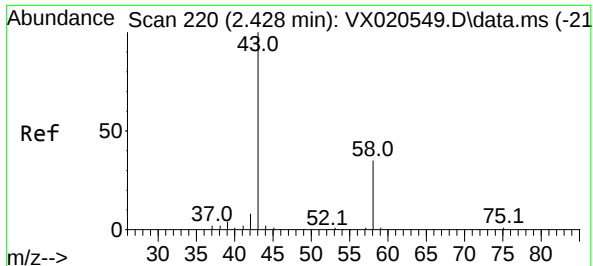
Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Tgt Ion: 59 Resp: 553
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

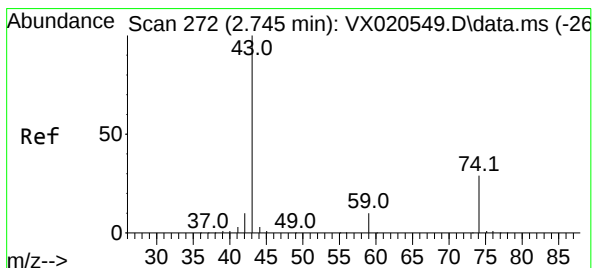
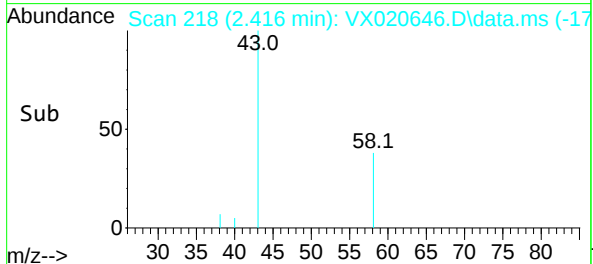
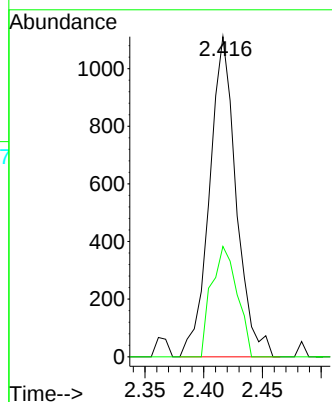
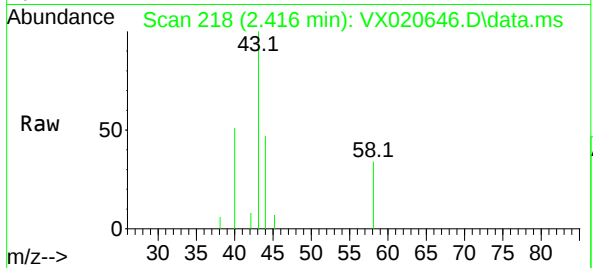




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

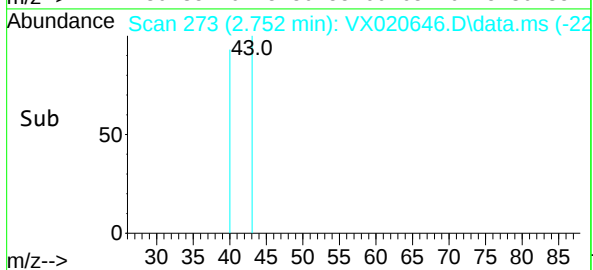
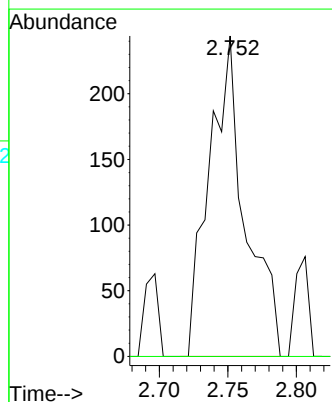
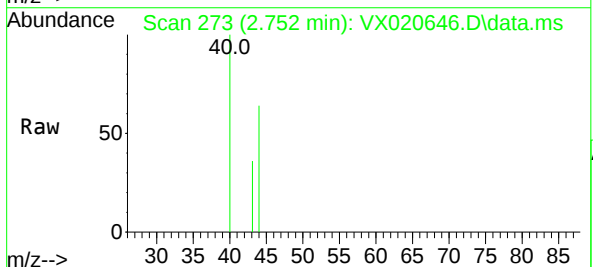
Instrument :
MSVOA_X
ClientSampled :
MW-4

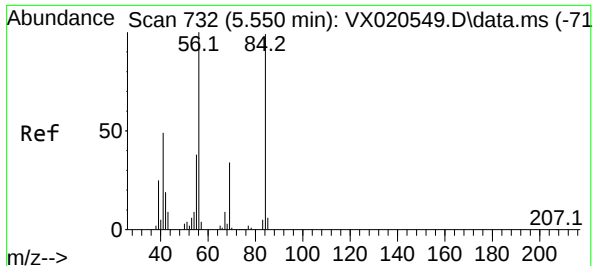
Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

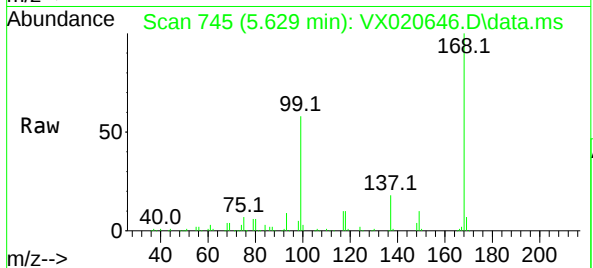
Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



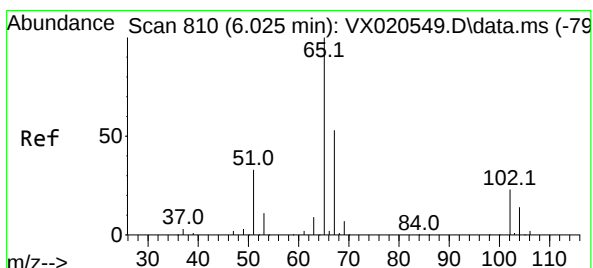
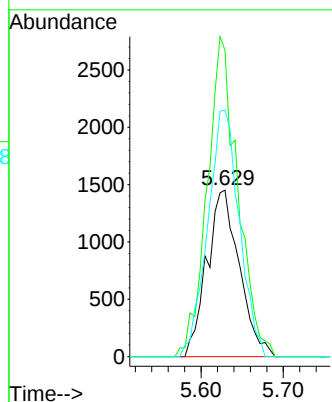
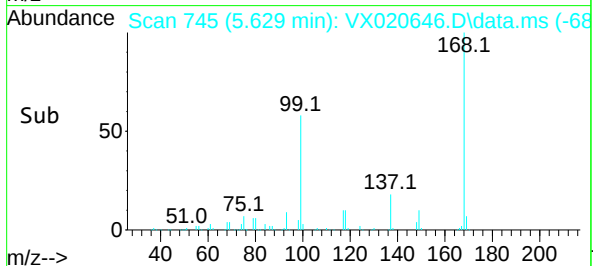


#31
Cyclohexane
Concen: 1.49 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

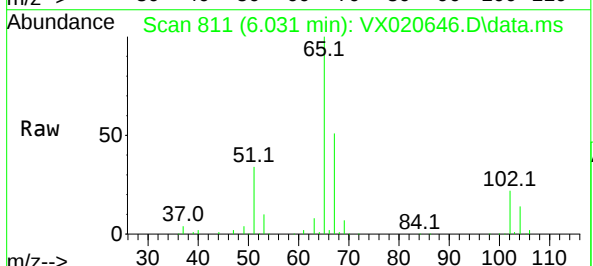
Instrument :
MSVOA_X
ClientSampled :
MW-4



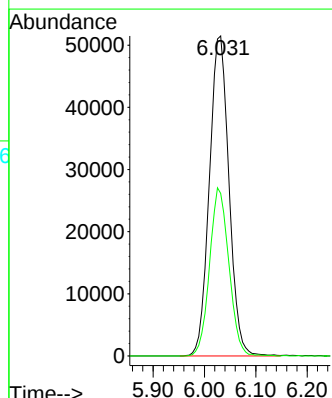
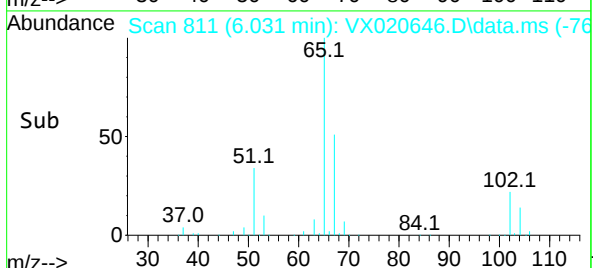
Tgt Ion: 56 Resp: 3982
Ion Ratio Lower Upper
56 100
69 184.1 25.3 37.9#
84 147.9 71.4 107.0#

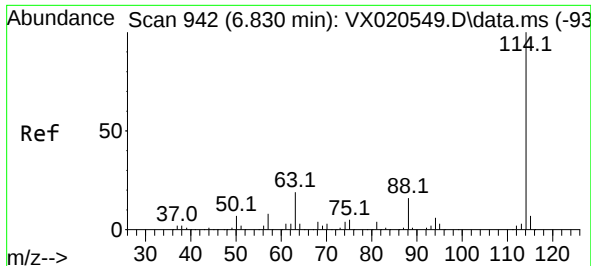


#33
1,2-Dichloroethane-d4
Concen: 59.77 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13



Tgt Ion: 65 Resp: 136265
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

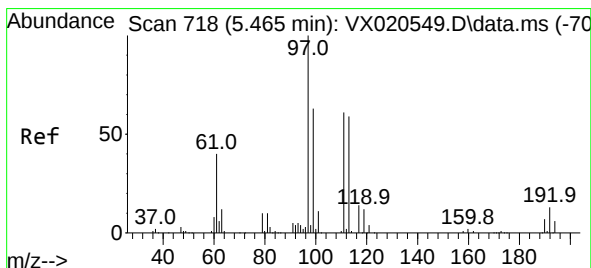
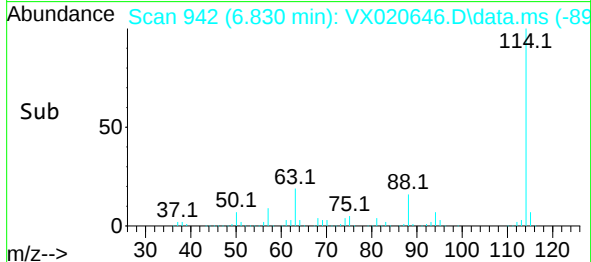
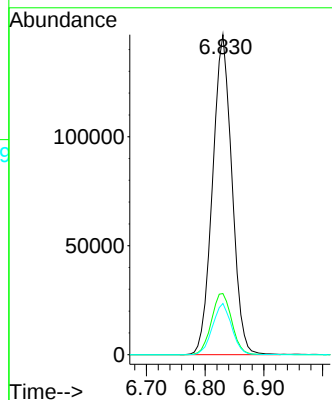
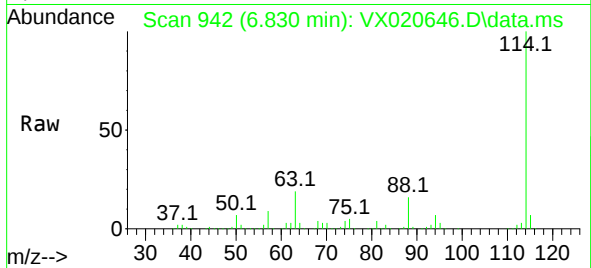




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

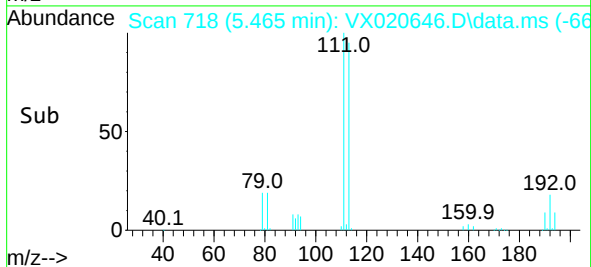
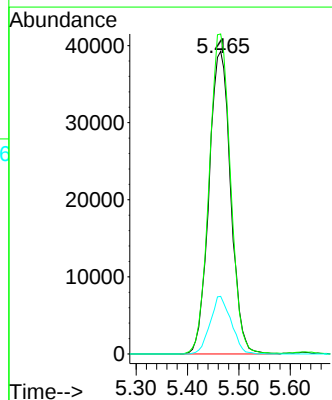
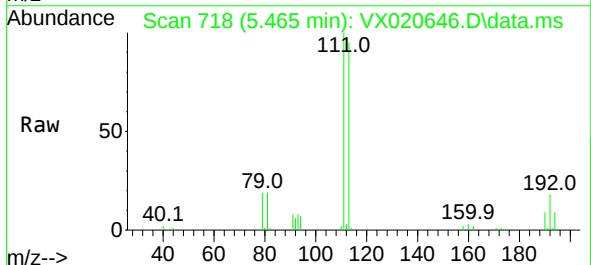
Instrument :
MSVOA_X
ClientSampled :
MW-4

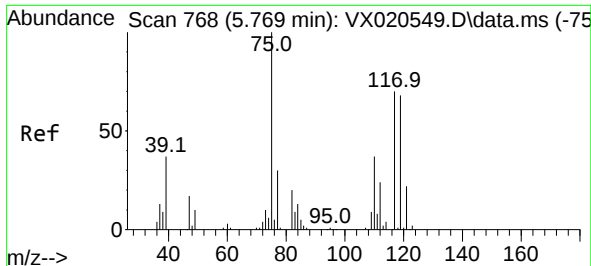
Tgt Ion:114 Resp: 335769
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.41 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Tgt Ion:113 Resp: 114952
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 18.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.04 ug/l

RT: 5.623 min Scan# 744

Delta R.T. -0.146 min

Lab File: VX020646.D

Acq: 15 Jan 2021 21:13

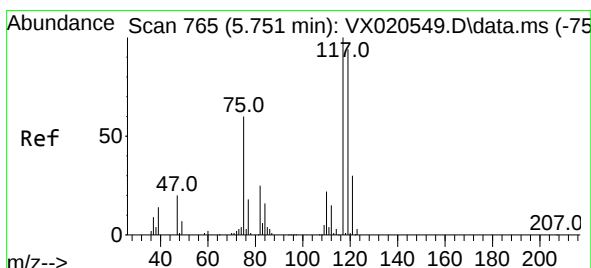
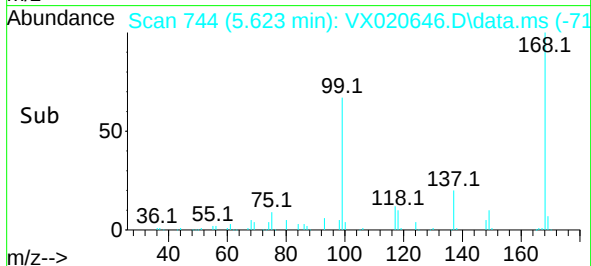
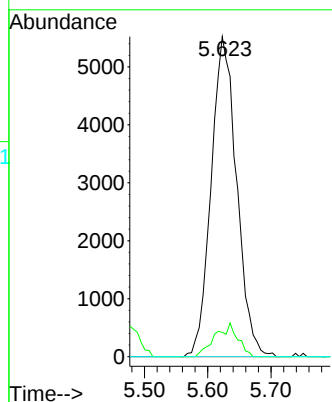
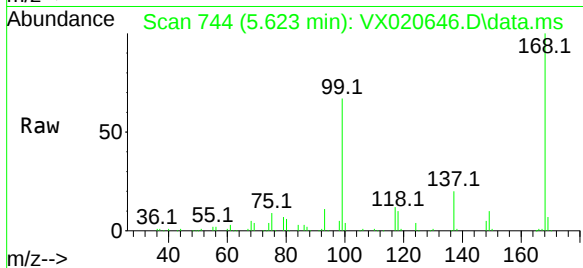
Instrument :

MSVOA_X

ClientSampled :

MW-4

Tgt Ion: 75	Resp: 15453
Ion Ratio	Lower Upper
75 100	
110 9.3	18.1 54.4#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.54 ug/l

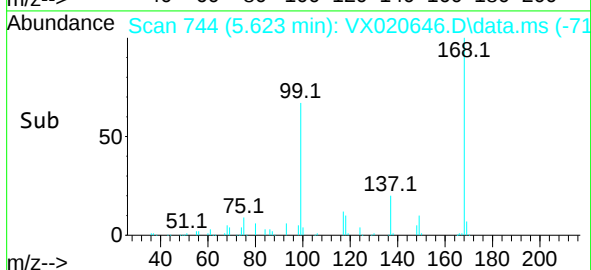
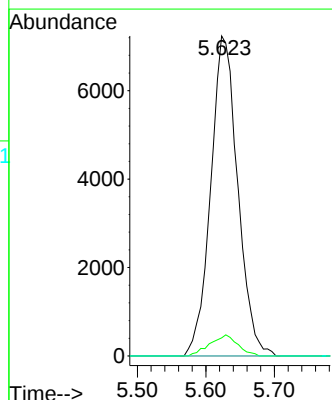
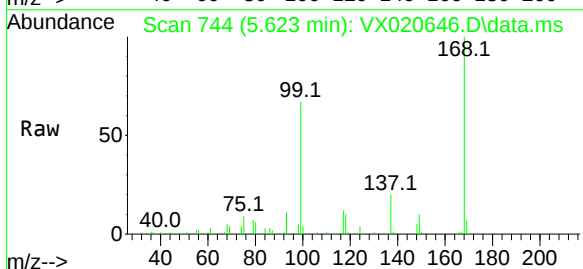
RT: 5.623 min Scan# 744

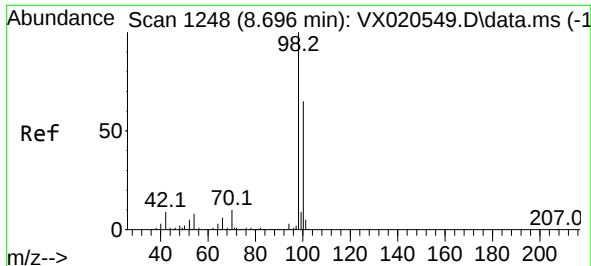
Delta R.T. -0.128 min

Lab File: VX020646.D

Acq: 15 Jan 2021 21:13

Tgt Ion: 117	Resp: 19819
Ion Ratio	Lower Upper
117 100	
119 5.6	76.2 114.2#
121 0.0	24.8 37.2#

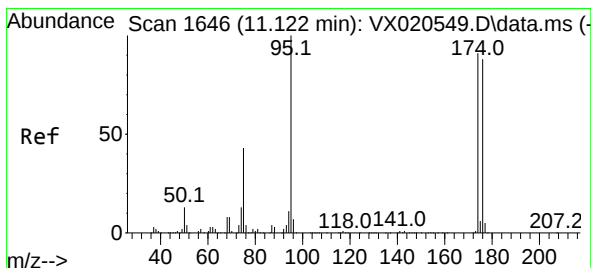
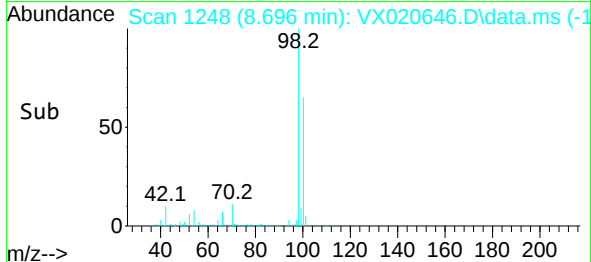
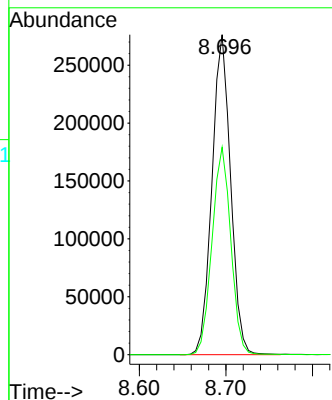
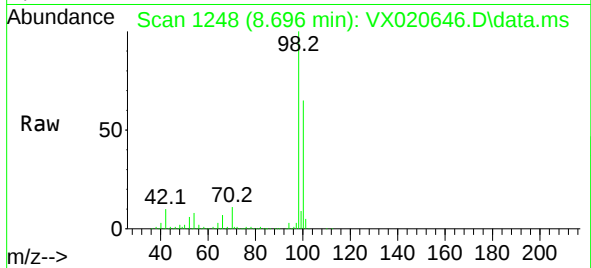




#50
Toluene-d8
Concen: 49.58 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

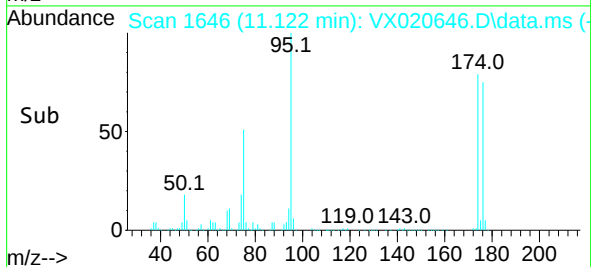
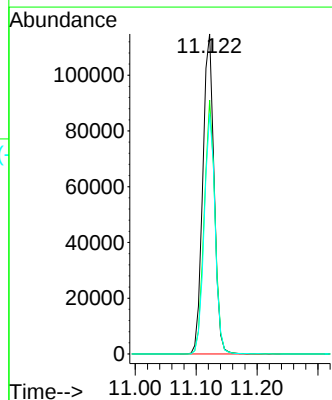
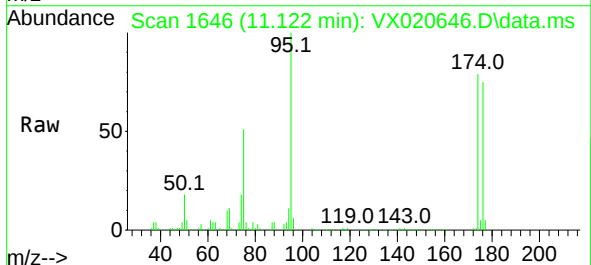
Instrument :
MSVOA_X
ClientSampleId :
MW-4

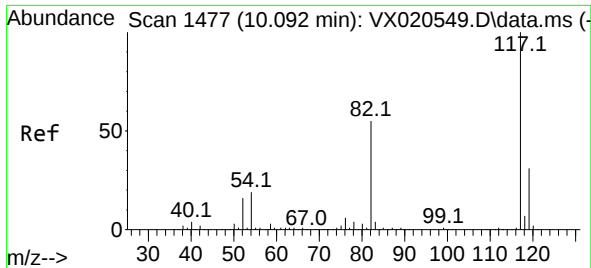
Tgt Ion: 98 Resp: 412718
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.18 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Tgt Ion: 95 Resp: 147532
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 72.7 0.0 155.8

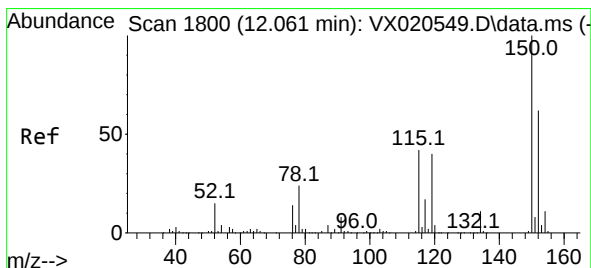
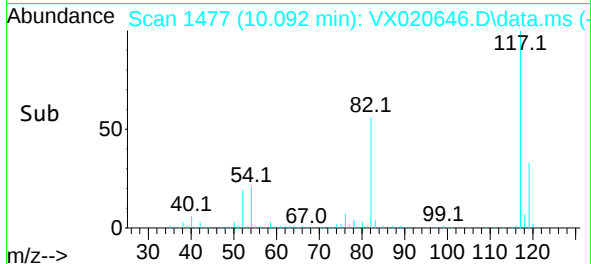
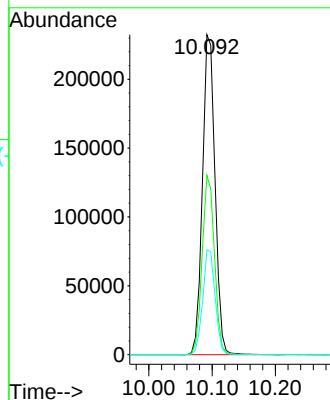
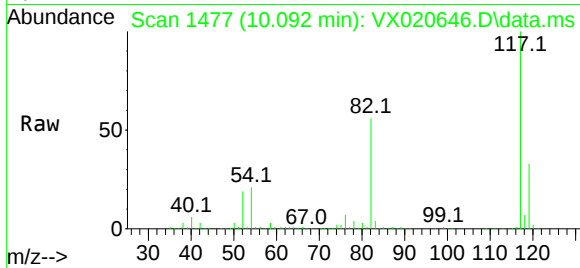




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

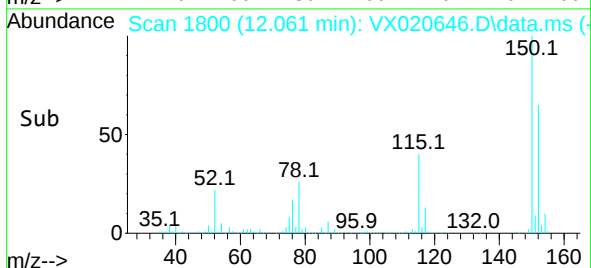
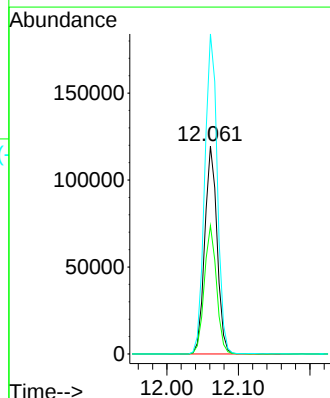
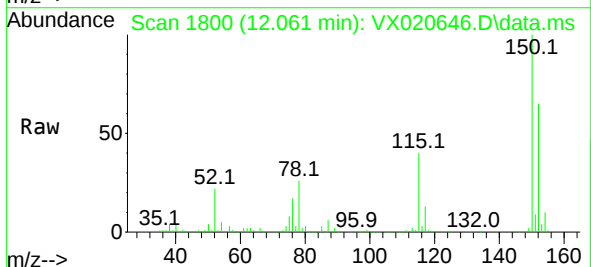
Instrument :
MSVOA_X
ClientSampled :
MW-4

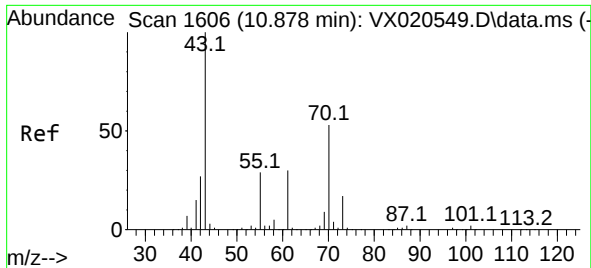
Tgt Ion:117 Resp: 321498
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Tgt Ion:152 Resp: 142831
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 157.5 0.0 349.0

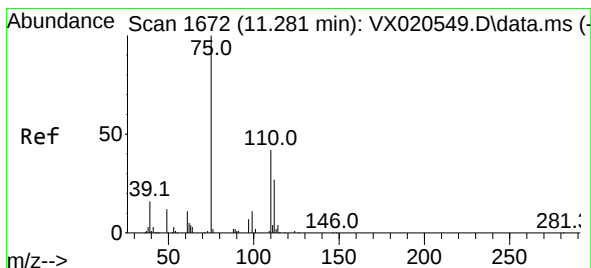
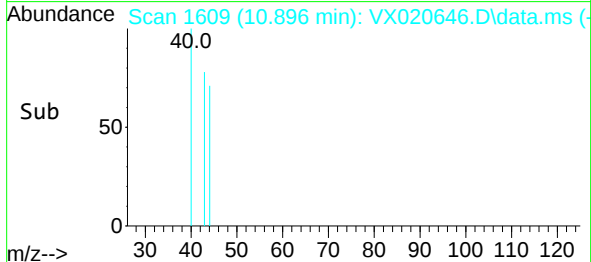
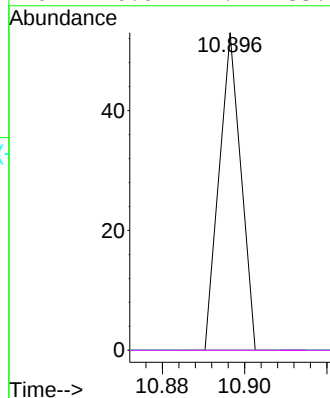
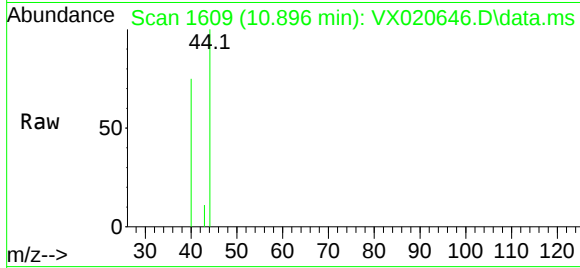




#74
N-amy1 acetate
Concen: 1.24 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

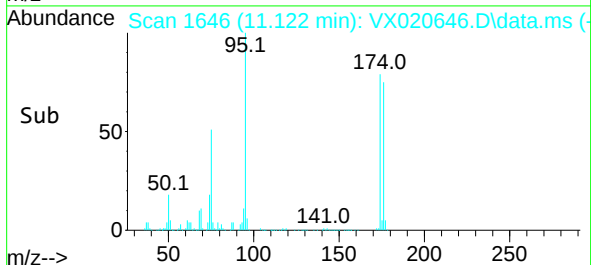
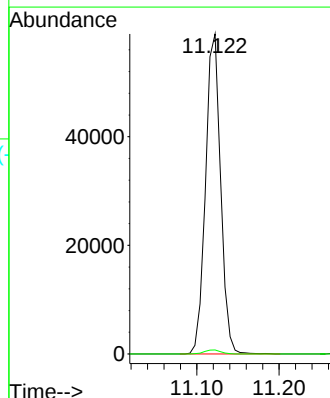
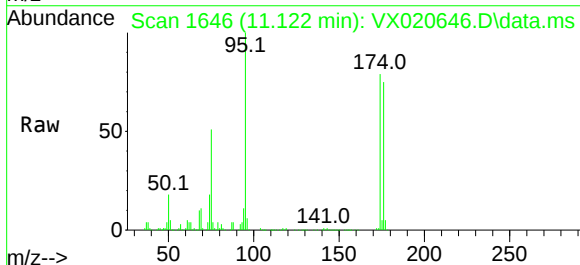
Instrument :
MSVOA_X
ClientSampled :
MW-4

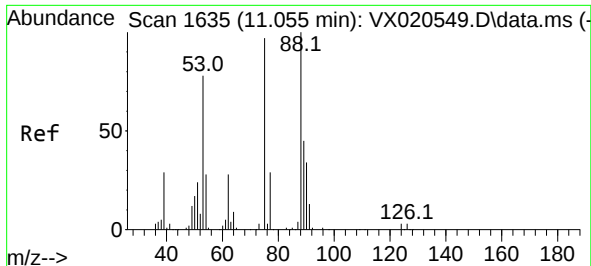
Tgt Ion: 43	Resp: 19
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 24.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Tgt Ion: 75	Resp: 74982
Ion Ratio	Lower Upper
75 100	
77 1.4	19.1 57.5#

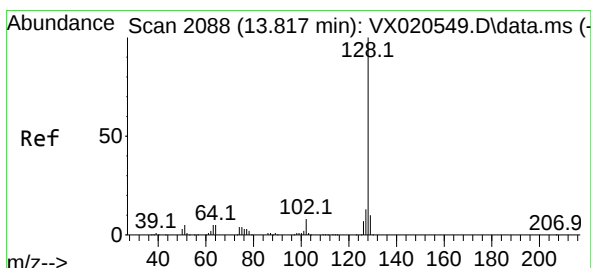
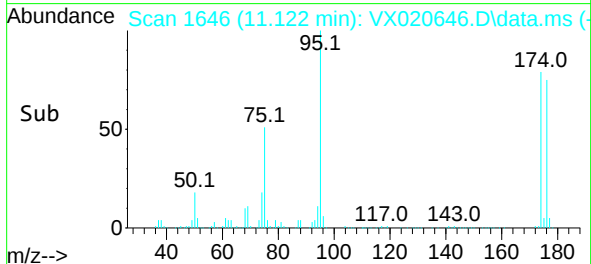
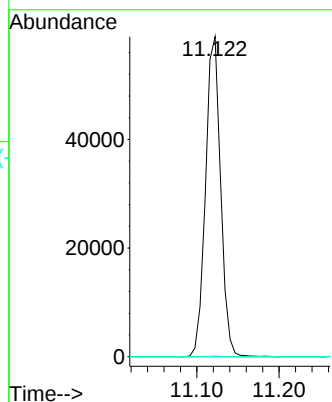
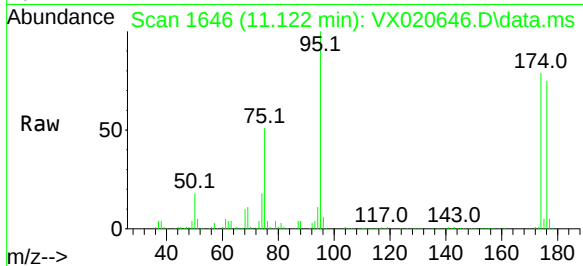




#81
trans-1,4-Dichloro-2-butene
Concen: 67.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tgt Ion: 75 Resp: 74982
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 5.75 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020646.D
Acq: 15 Jan 2021 21:13

Tgt Ion: 128 Resp: 21809
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.3 8.8 13.2

