

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020575.D
 Acq On : 12 Jan 2021 13:27
 Operator : JC/MD
 Sample : M1071-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-108

Quant Time: Jan 13 00:25:39 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)

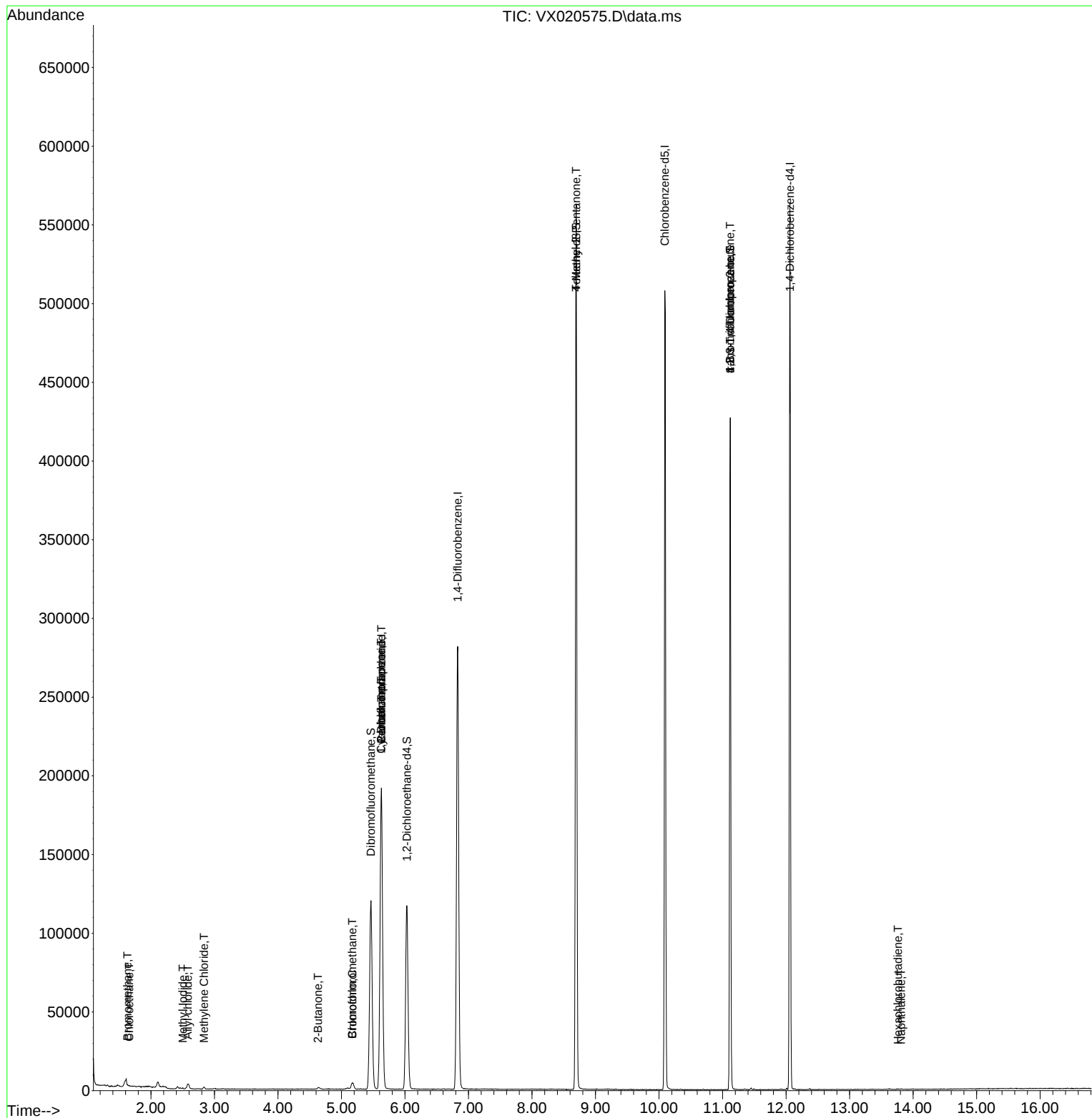
Internal Standards						
1) Pentafluorobenzene	5.629	168	188233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	297904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	259882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	121652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	115371	51.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.06%			
35) Dibromofluoromethane	5.464	113	103533	50.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.32%			
50) Toluene-d8	8.695	98	344479	46.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.28%			
62) 4-Bromofluorobenzene	11.122	95	119207	45.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.40%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	331	0.25	ug/l	96
6) Chloroethane	1.654	64	38	0.45	ug/l #	43
10) Methyl Iodide	2.501	142	640	0.25	ug/l #	88
11) Tert butyl alcohol	3.001	59	315	Below Cal	#	73
14) Allyl chloride	2.581	41	537	0.22	ug/l #	71
16) Acetone	2.416	43	1629	Below Cal		95
20) Methylene Chloride	2.837	84	656	0.31	ug/l #	82
25) 2-Butanone	4.629	43	1792	1.47	ug/l	96
28) Bromochloromethane	5.172	49	354	0.26	ug/l #	9
30) Chloroform	5.172	83	5077	1.36	ug/l	86
31) Cyclohexane	5.623	56	3356	1.26	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	13012	4.78	ug/l #	49
38) Carbon Tetrachloride	5.629	117	18257	5.75	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1108	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	53458	20.86	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	53458	56.83	ug/l #	12
94) Hexachlorobutadiene	13.762	225	82	0.93	ug/l #	53
95) Naphthalene	13.810	128	289	3.87	ug/l #	69

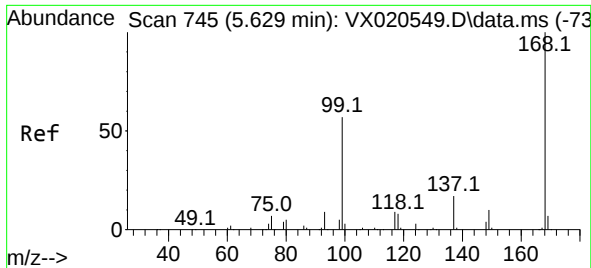
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 00:25:39 2021
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Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

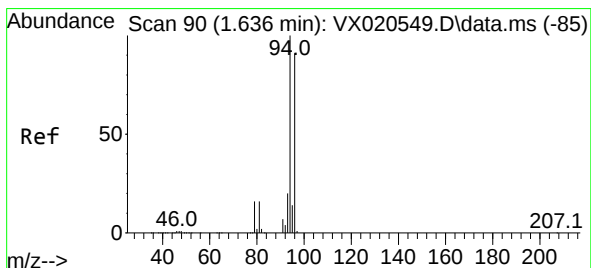
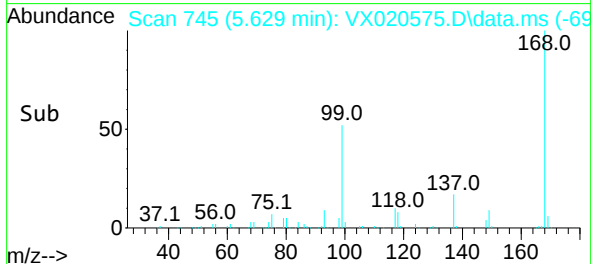
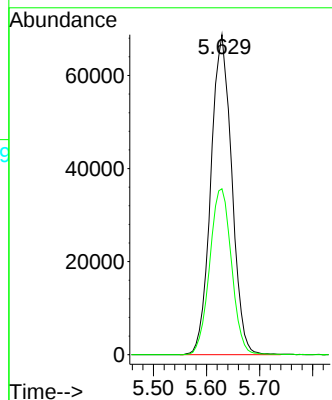
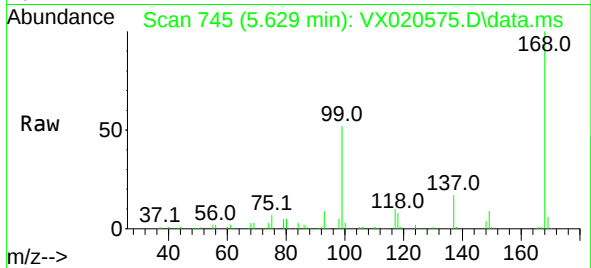




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

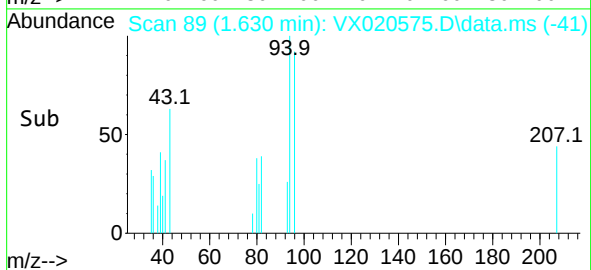
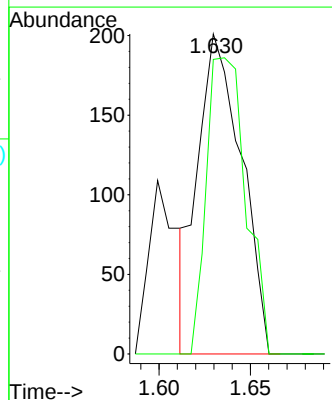
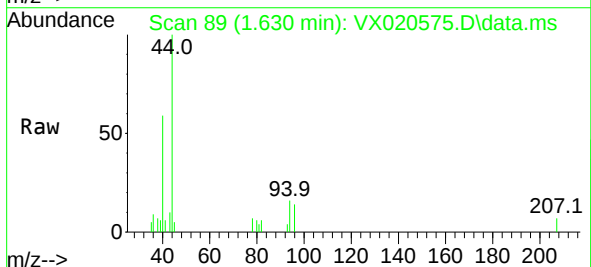
Instrument :
MSVOA_X
ClientSampleId :
MW-108

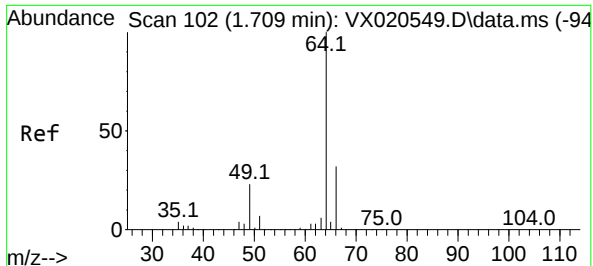
Tgt Ion:168 Resp: 188233
Ion Ratio Lower Upper
168 100
99 51.8 45.8 68.6



#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 92.0 76.4 114.6

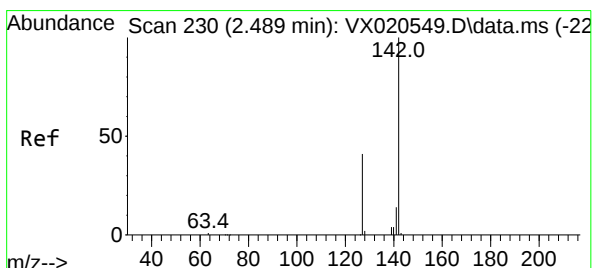
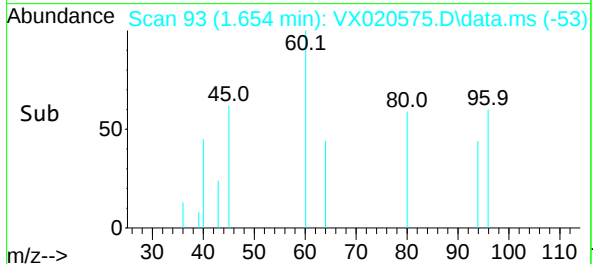
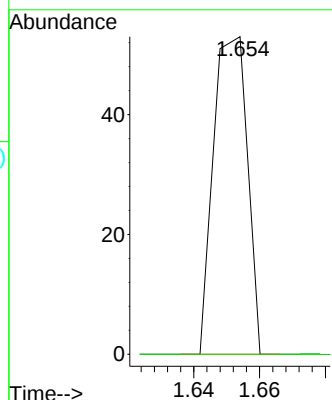
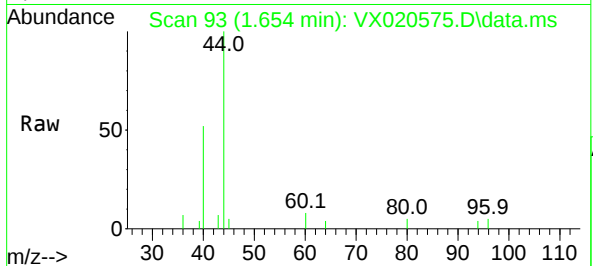




#6
Chloroethane
Concen: 0.45 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.055 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

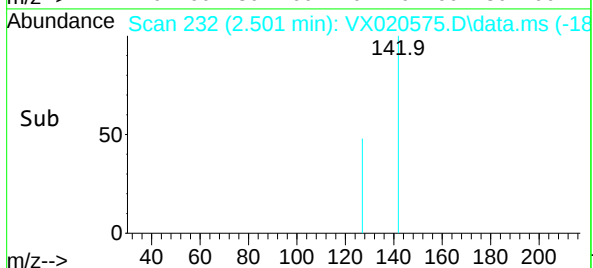
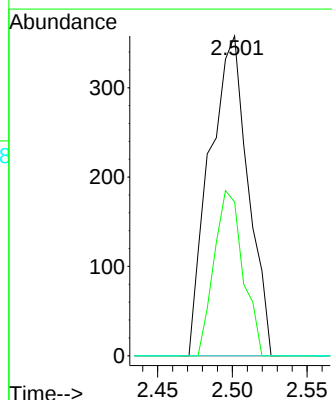
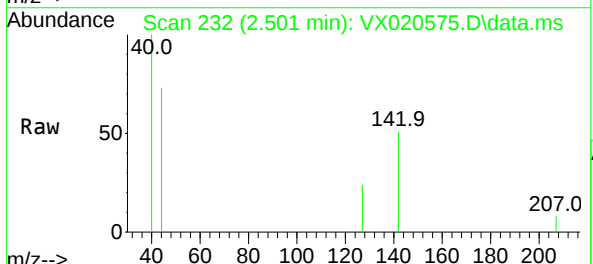
Instrument :
MSVOA_X
ClientSampleId :
MW-108

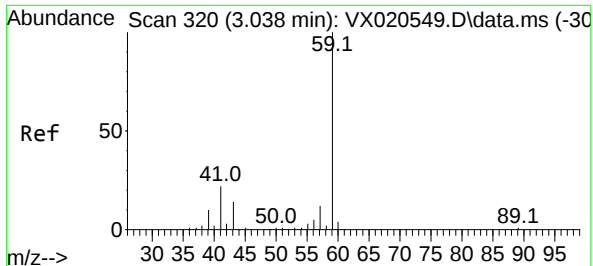
Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion:142 Resp: 640
Ion Ratio Lower Upper
142 100
127 38.8 33.3 49.9
141 0.0 11.4 17.0#



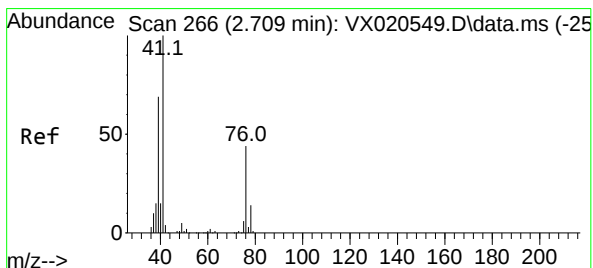
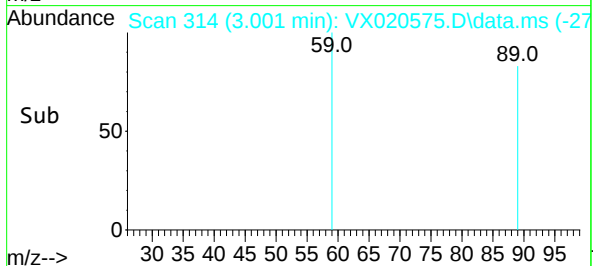
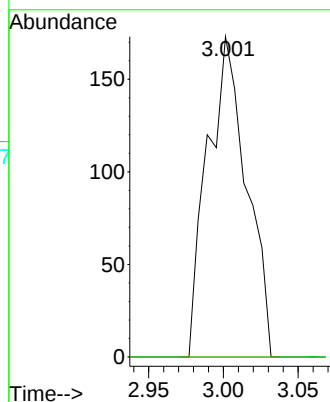
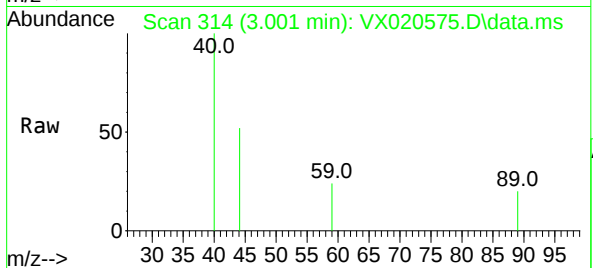


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.001 min Scan# 314
Delta R.T. -0.037 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-108

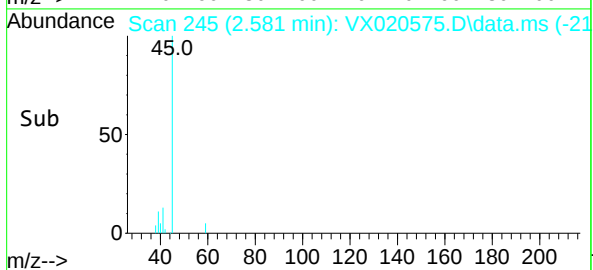
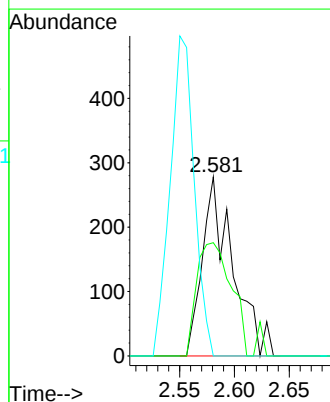
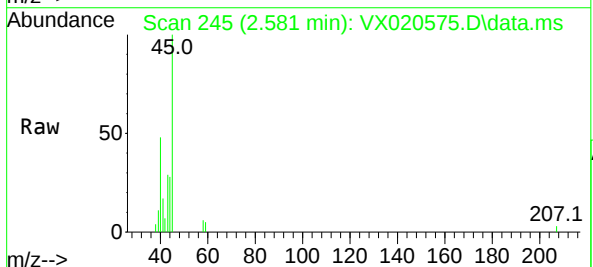
Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

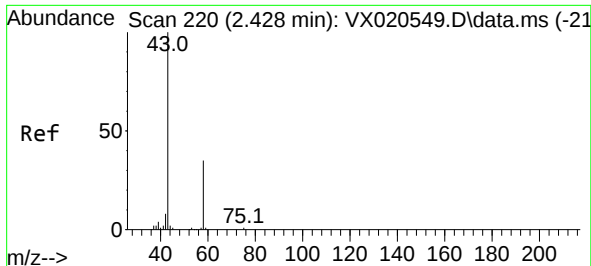


#14

Allyl chloride
Concen: 0.22 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.128 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion: 41 Resp: 537
Ion Ratio Lower Upper
41 100
39 71.7 51.6 77.4
76 0.0 30.5 45.7#

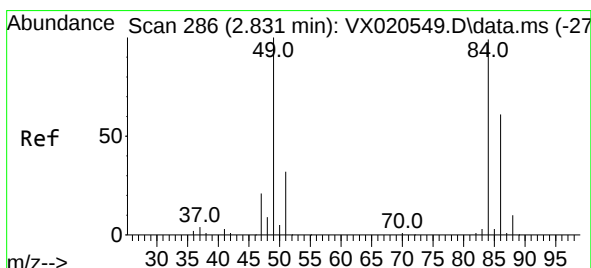
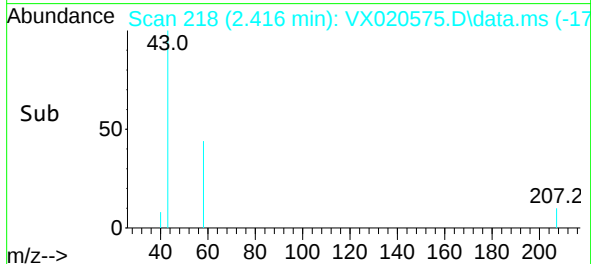
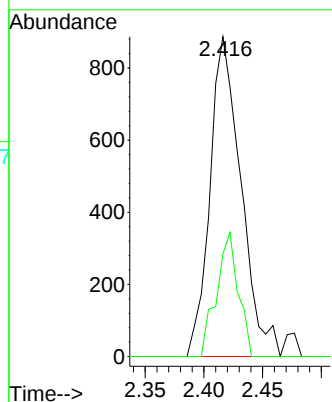
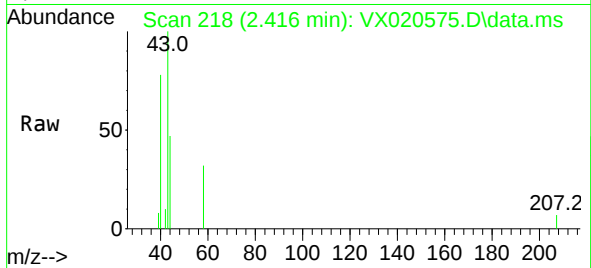




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

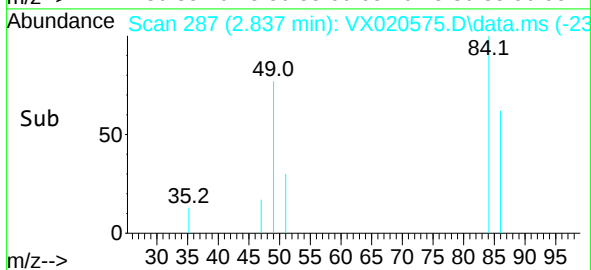
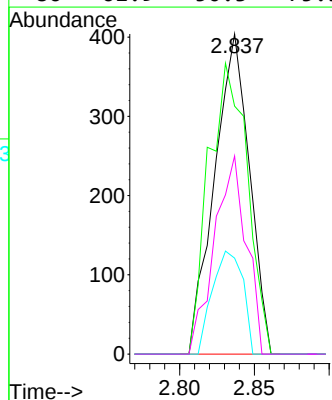
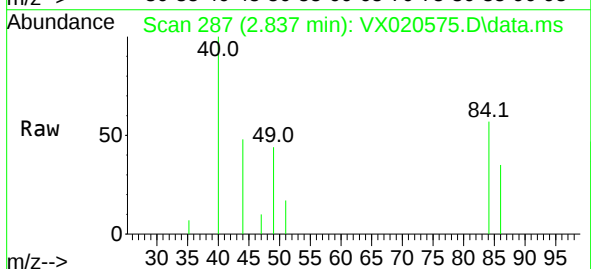
Instrument :
MSVOA_X
ClientSampleId :
MW-108

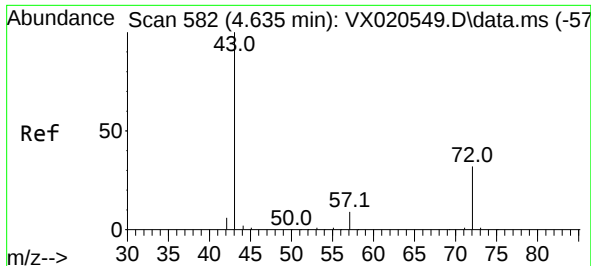
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion: 84 Resp: 656
Ion Ratio Lower Upper
84 100
49 77.5 88.6 132.8#
51 30.0 27.0 40.6
86 61.9 50.3 75.5

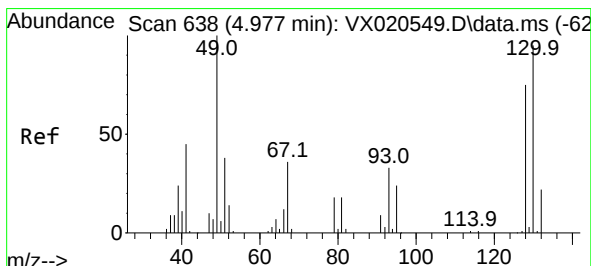
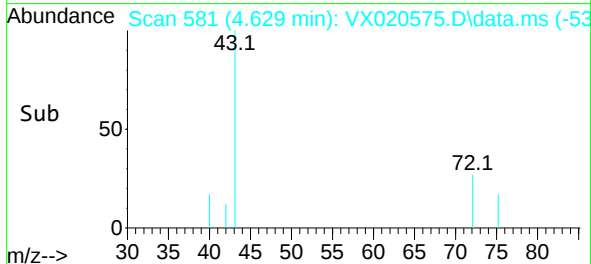
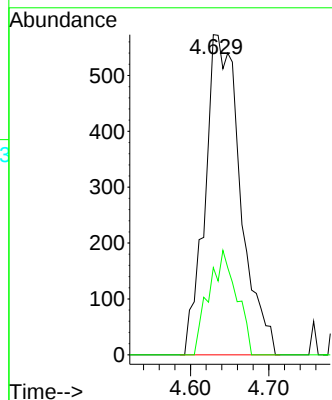
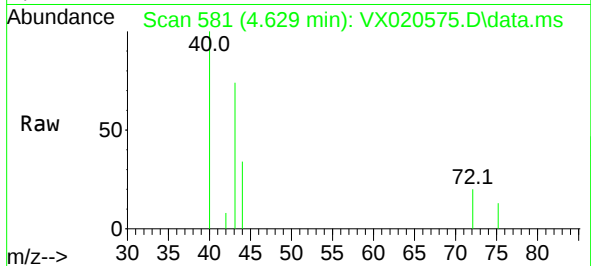




#25
2-Butanone
Concen: 1.47 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.006 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

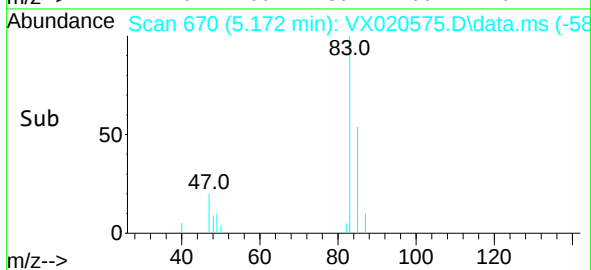
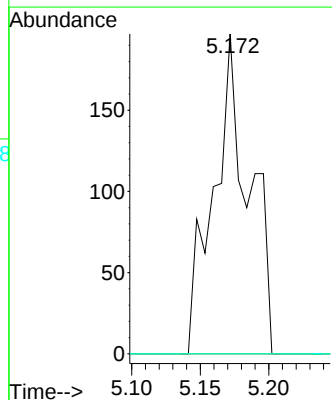
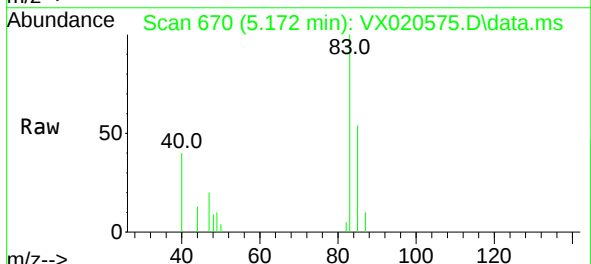
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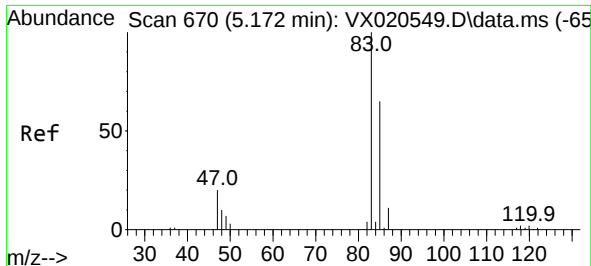
Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
72 27.2 23.7 35.5



#28
Bromochloromethane
Concen: 0.26 ug/l
RT: 5.172 min Scan# 670
Delta R.T. 0.195 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion: 49 Resp: 354
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#

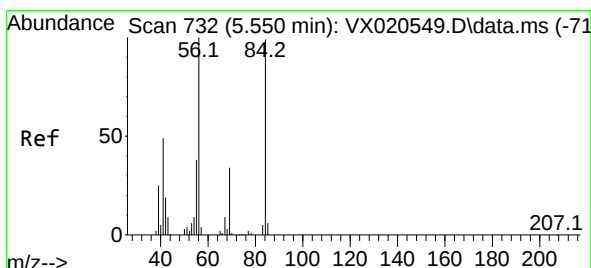
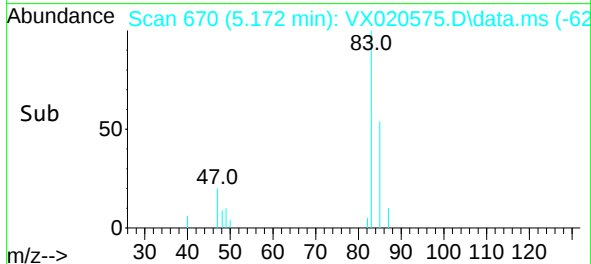
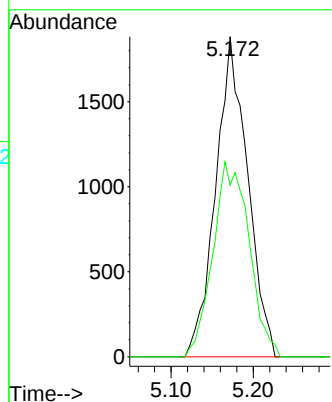
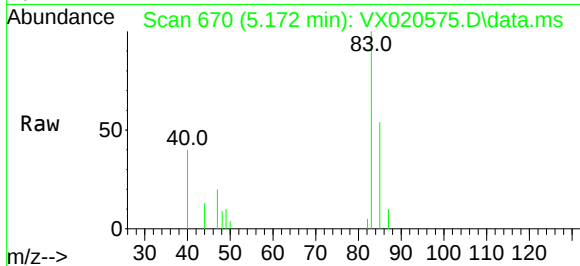




#30
Chloroform
Concen: 1.36 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

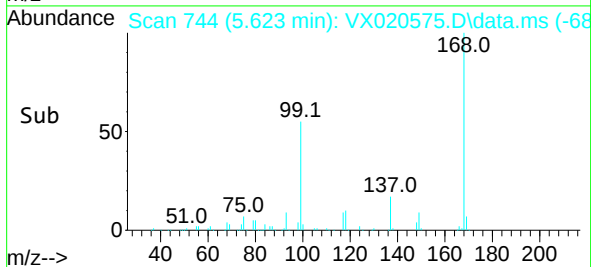
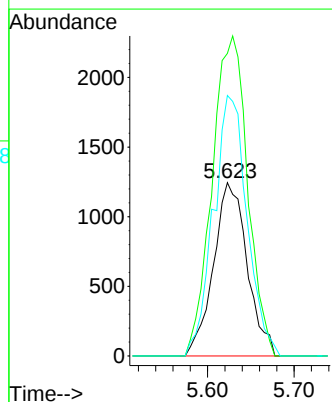
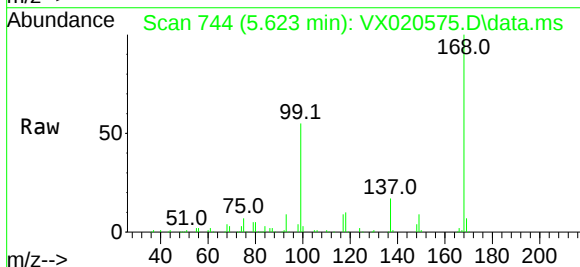
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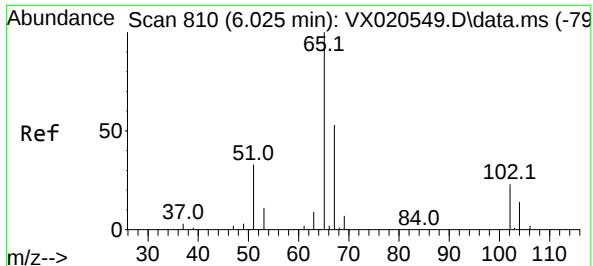
Tgt Ion: 83 Resp: 5077
Ion Ratio Lower Upper
83 100
85 53.6 52.0 78.0



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion: 56 Resp: 3356
Ion Ratio Lower Upper
56 100
69 174.7 25.3 37.9#
84 150.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.03 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020575.D

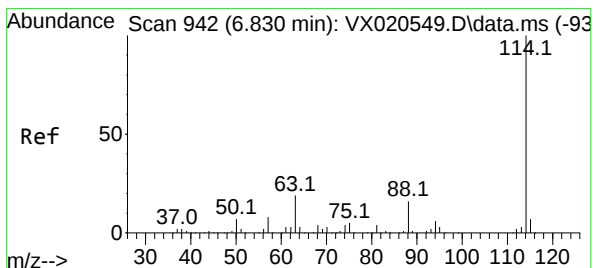
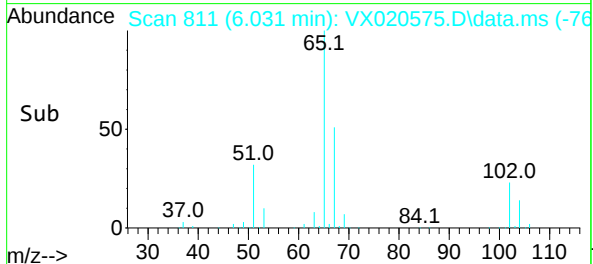
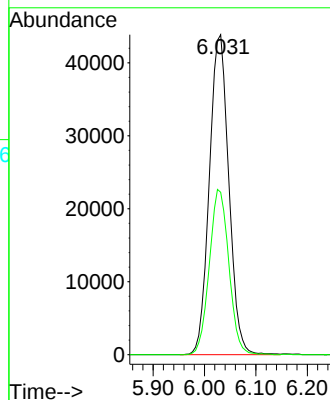
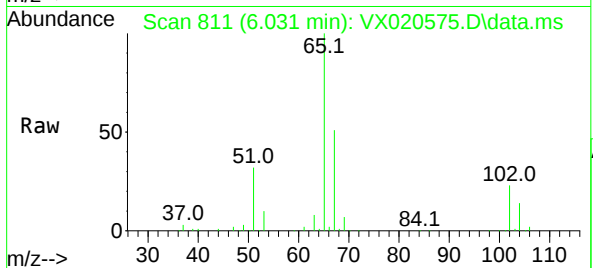
Acq: 12 Jan 2021 13:27

Tgt Ion: 65 Resp: 115371

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: VX020575.D

Acq: 12 Jan 2021 13:27

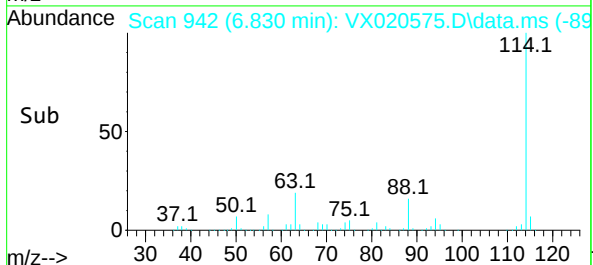
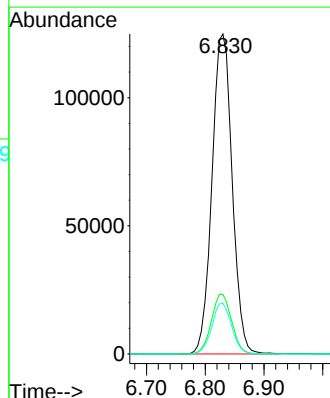
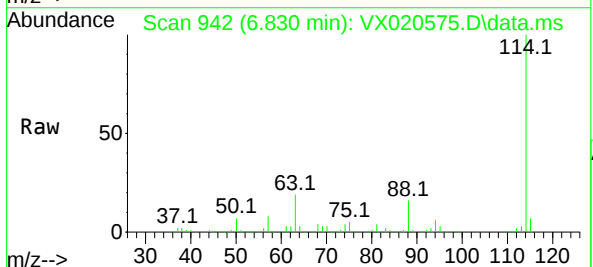
Tgt Ion: 114 Resp: 297904

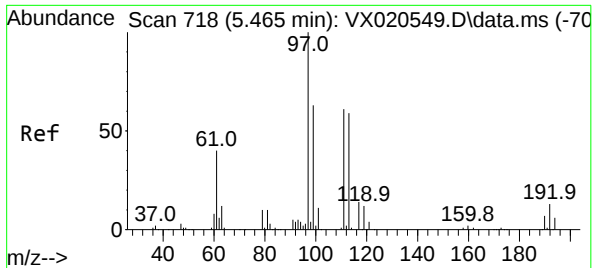
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.8

88 15.9 0.0 32.8

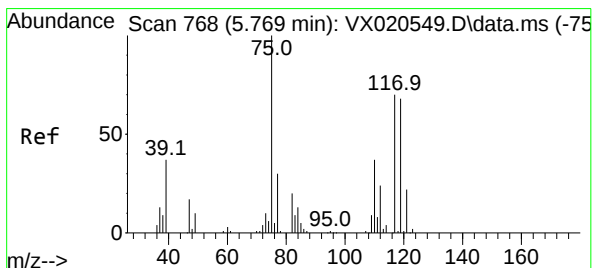
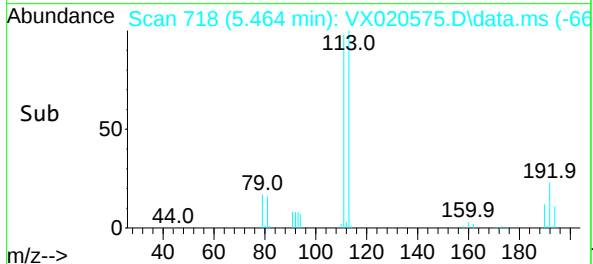
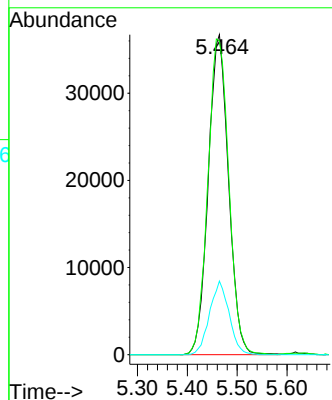
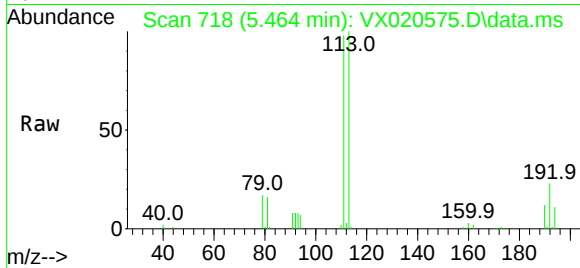




#35
Dibromofluoromethane
Concen: 50.16 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

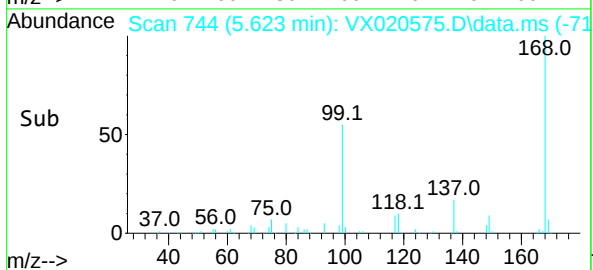
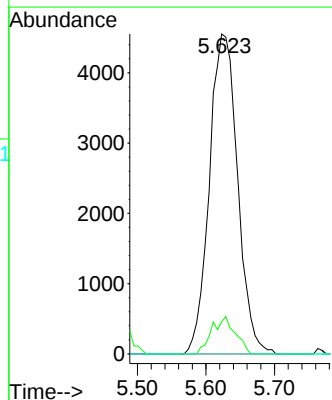
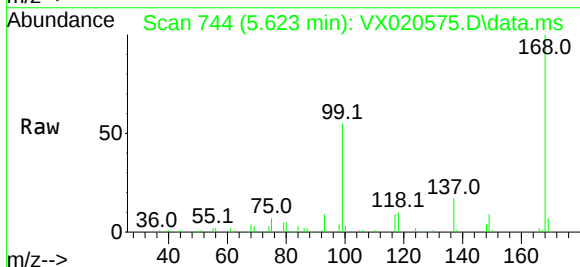
Instrument :
MSVOA_X
ClientSampleId :
MW-108

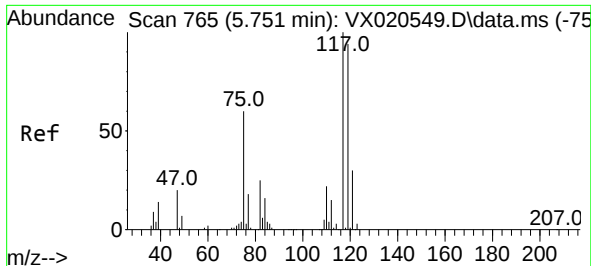
Tgt Ion:113 Resp: 103533
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 22.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

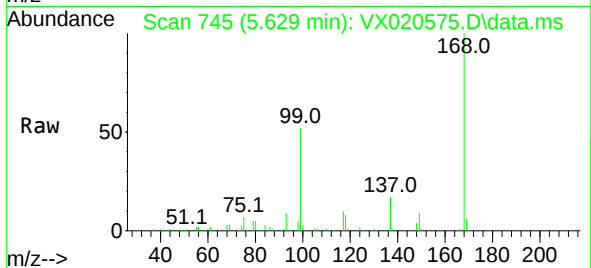
Tgt Ion: 75 Resp: 13012
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



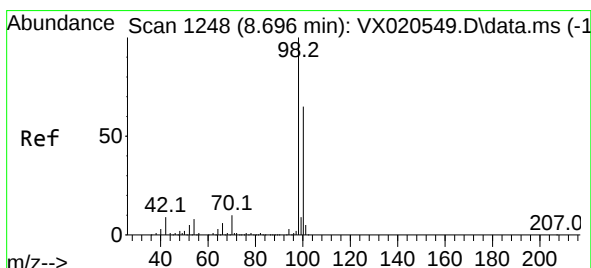
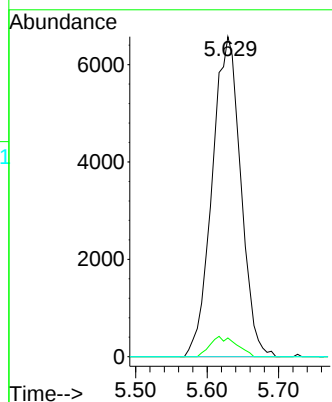
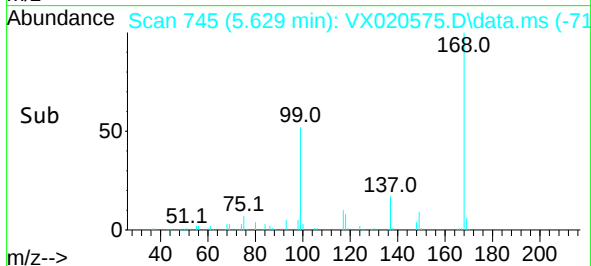


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

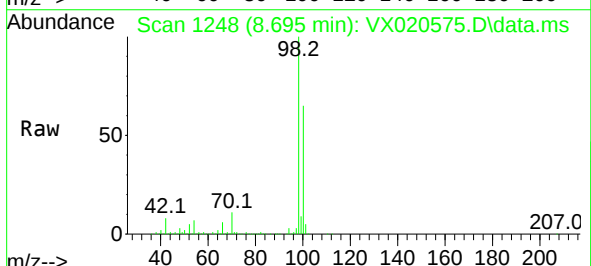
Instrument :
MSVOA_X
ClientSampleId :
MW-108



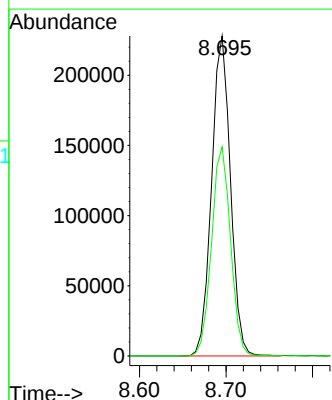
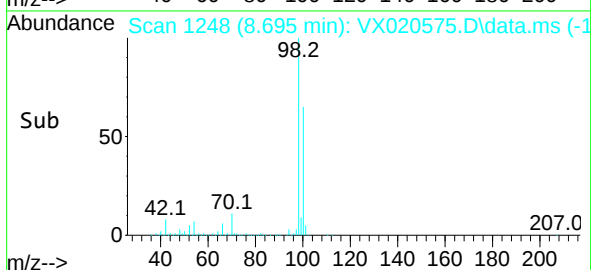
Tgt Ion: 117 Resp: 18257
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

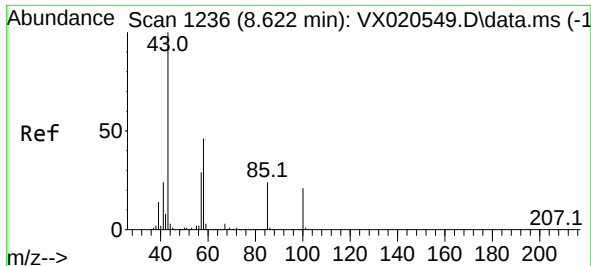


#50
Toluene-d8
Concen: 46.64 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27



Tgt Ion: 98 Resp: 344479
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

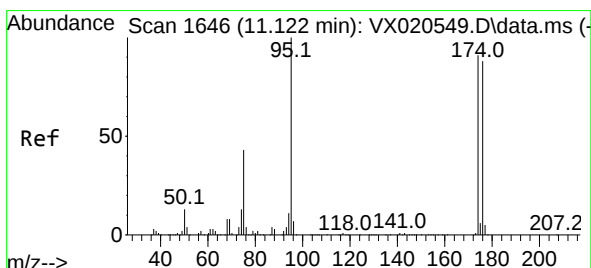
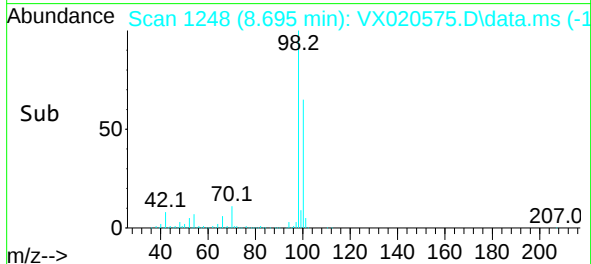
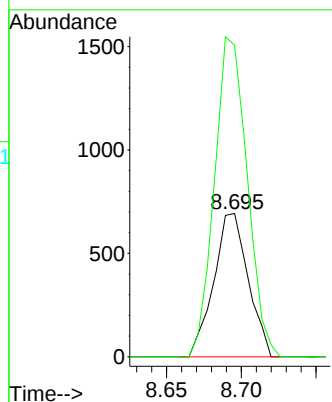
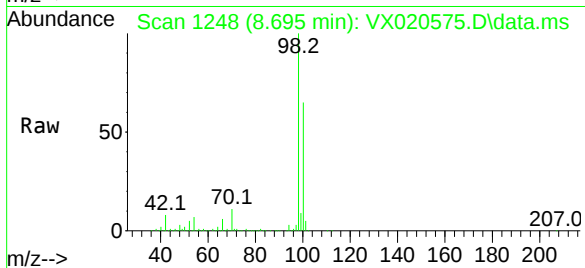




#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.073 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

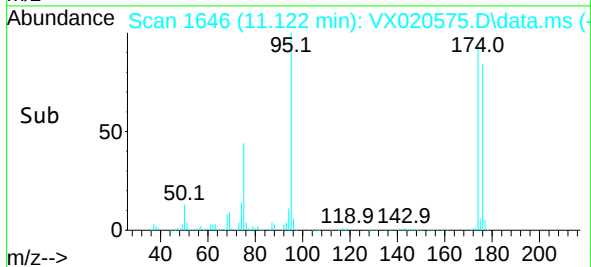
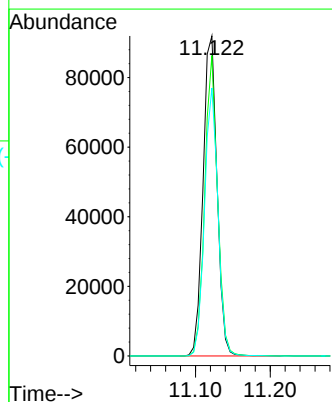
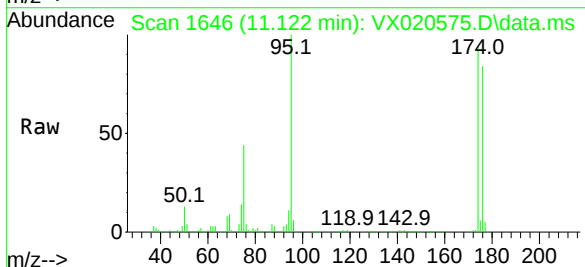
Instrument :
MSVOA_X
ClientSampleId :
MW-108

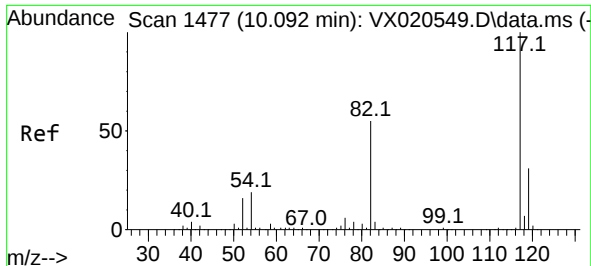
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 212.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.70 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion: 95 Resp: 119207
Ion Ratio Lower Upper
95 100
174 86.2 0.0 154.6
176 80.6 0.0 155.8

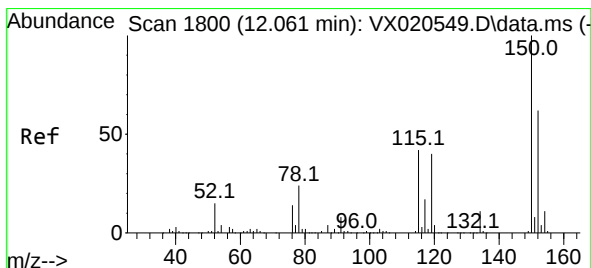
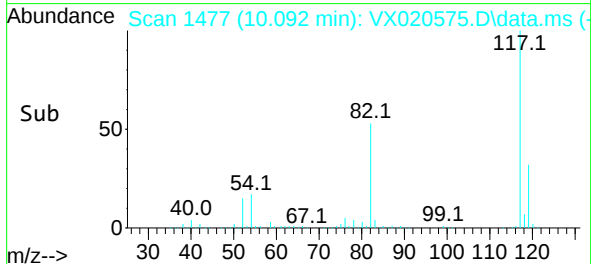
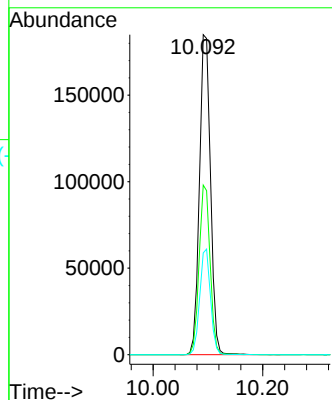
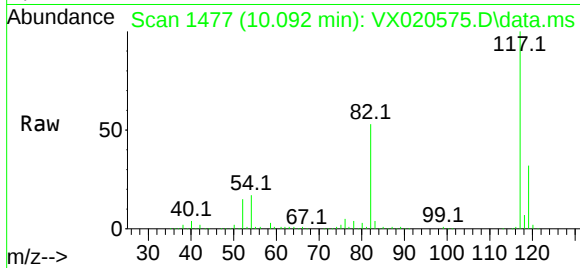




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

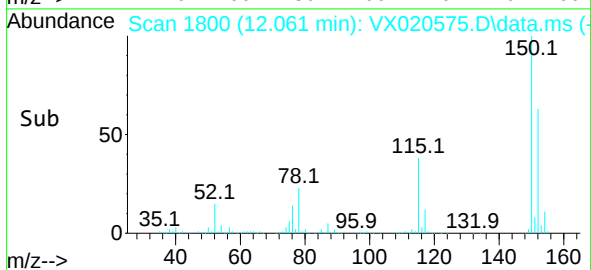
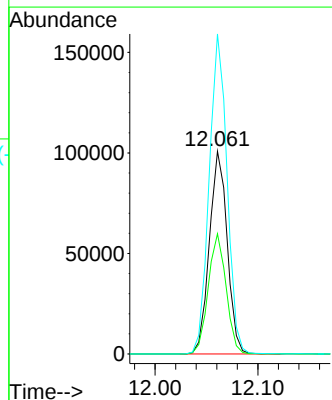
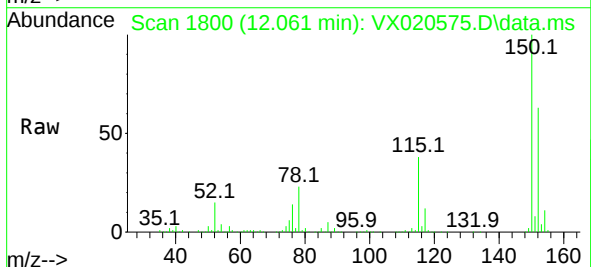
Instrument :
MSVOA_X
ClientSampleId :
MW-108

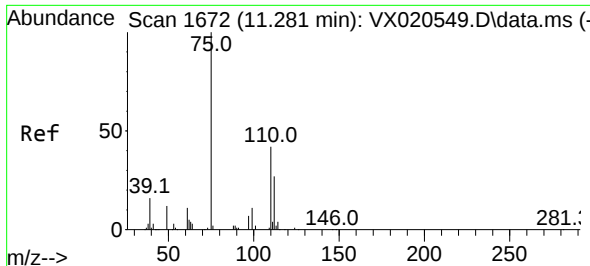
Tgt Ion:117 Resp: 259882
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion:152 Resp: 121652
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.8 0.0 349.0

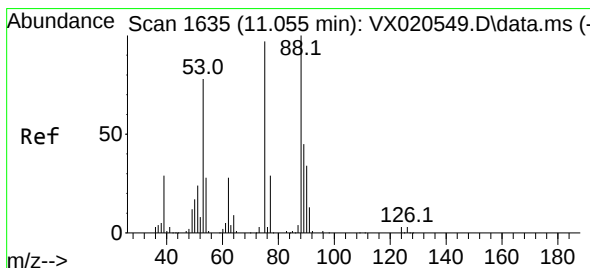
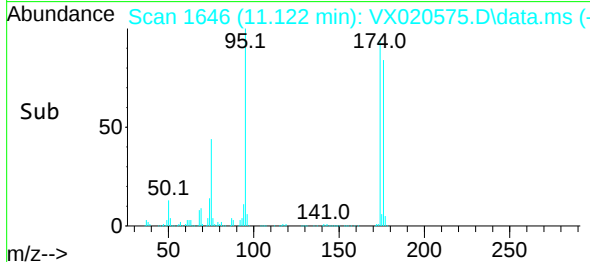
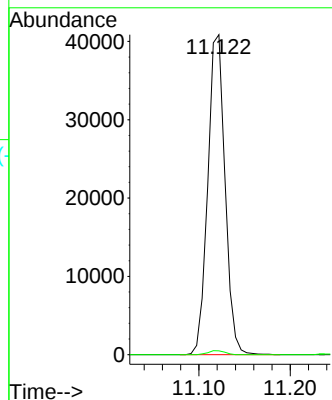
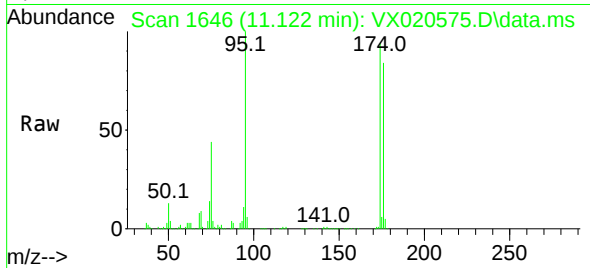




#76
1,2,3-Trichloropropane
Concen: 20.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

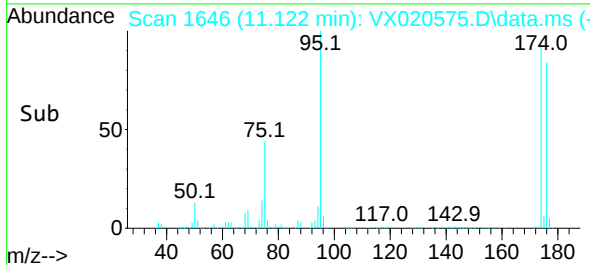
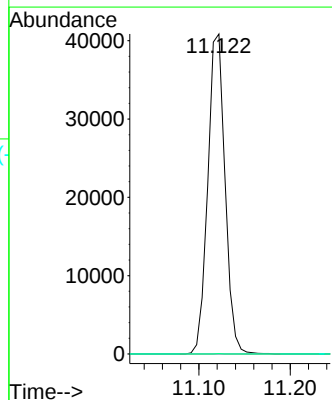
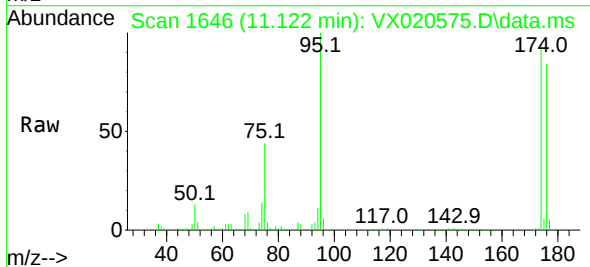
Instrument :
MSVOA_X
ClientSampleId :
MW-108

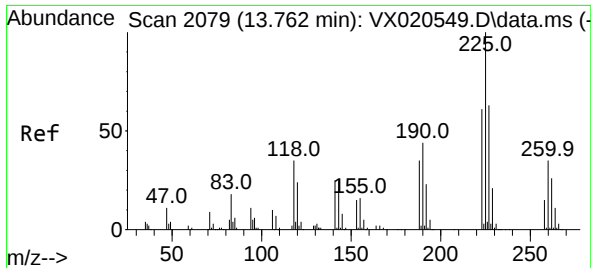
Tgt Ion: 75 Resp: 53458
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.83 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion: 75 Resp: 53458
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

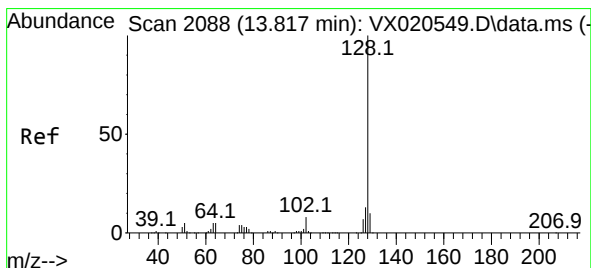
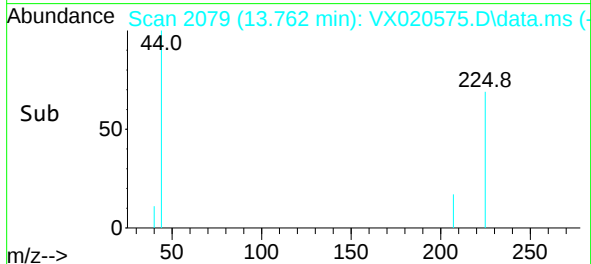
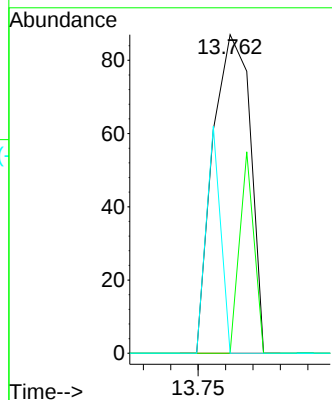
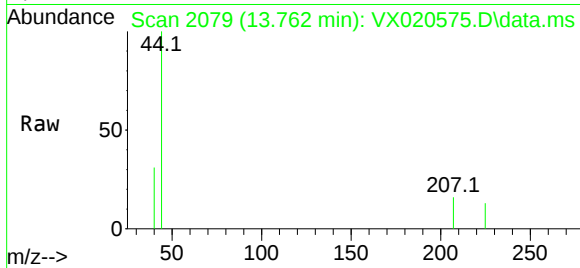




#94
Hexachlorobutadiene
Concen: 0.93 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-108

Tgt Ion:	225	Resp:	82
Ion	Ratio	Lower	Upper
225	100		
223	24.4	31.1	93.2#
227	28.0	31.6	95.0#



#95
Naphthalene
Concen: 3.87 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020575.D
Acq: 12 Jan 2021 13:27

Tgt Ion:	128	Resp:	289
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

