

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020670.D
 Acq On : 19 Jan 2021 19:36
 Operator : JC/SP
 Sample : M1158-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 20 03:22:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

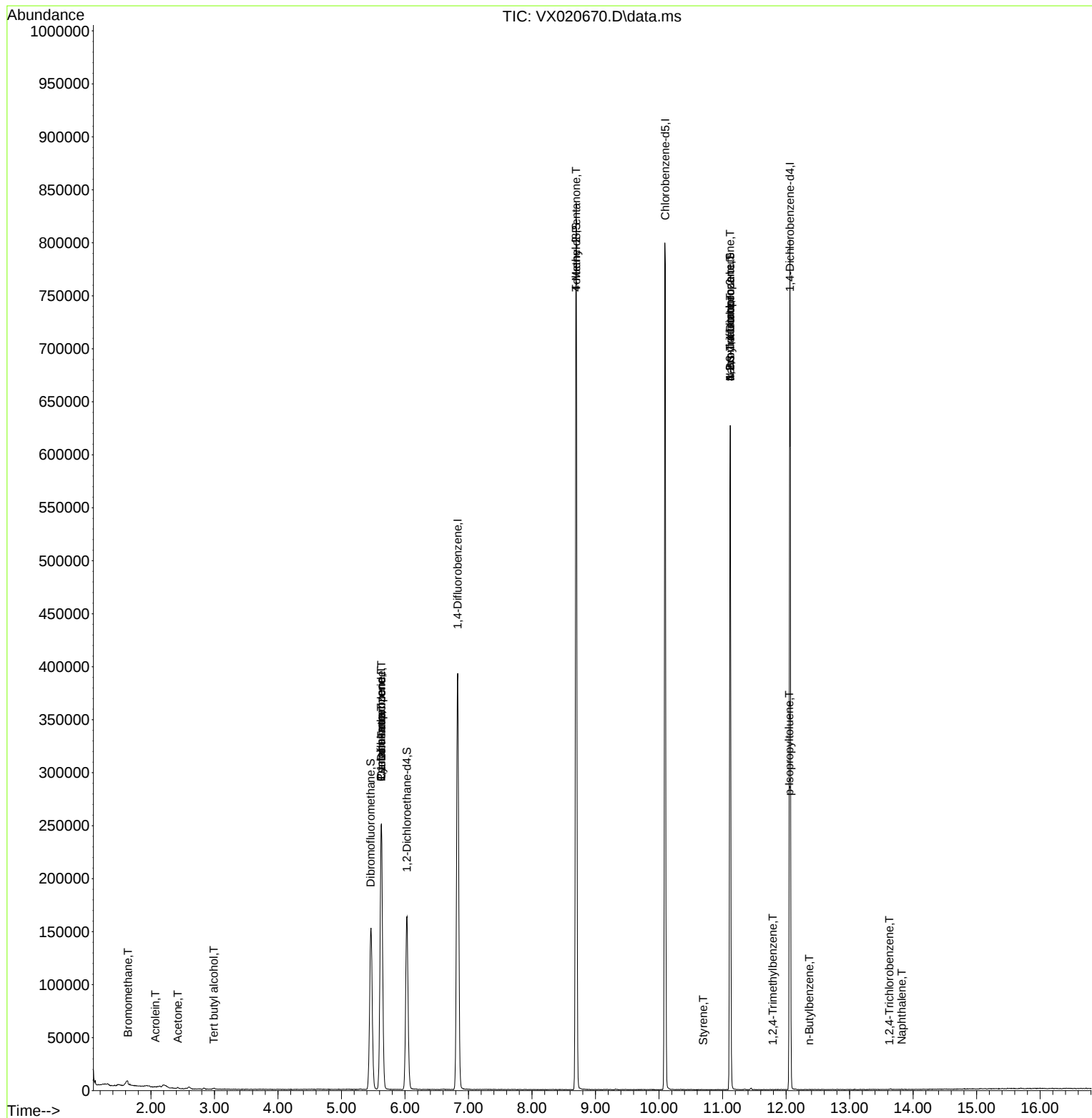
Internal Standards						
1) Pentafluorobenzene	5.623	168	232158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	403529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	378517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	158032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	160476	50.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.12%		
35) Dibromofluoromethane	5.458	113	136217	49.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.00%		
50) Toluene-d8	8.695	98	495290	49.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.82%		
62) 4-Bromofluorobenzene	11.122	95	173375	45.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.52%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	338	0.22	ug/l	89
6) Chloroethane	1.703	64	92	Below Cal	#	43
11) Tert butyl alcohol	2.989	59	626	1.11	ug/l #	73
13) Acrolein	2.069	56	22	30.37	ug/l #	1
16) Acetone	2.422	43	1155	0.94	ug/l	98
31) Cyclohexane	5.623	56	4498	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18195	4.47	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23681	5.46	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1790	0.49	ug/l #	1
70) Styrene	10.695	104	44	1.42	ug/l #	26
74) N-amyl acetate	11.122	43	135	1.97	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	85320	22.50	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	85320	65.07	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	20	0.40	ug/l #	31
86) p-Isopropyltoluene	12.049	119	148	0.89	ug/l #	1
89) n-Butylbenzene	12.366	91	188	1.45	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.628	180	93	2.26	ug/l #	12
95) Naphthalene	13.823	128	215	1.97	ug/l #	69

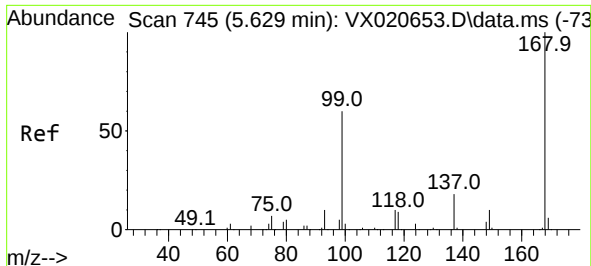
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 03:22:17 2021
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Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
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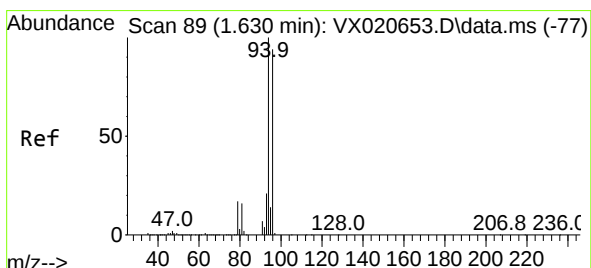
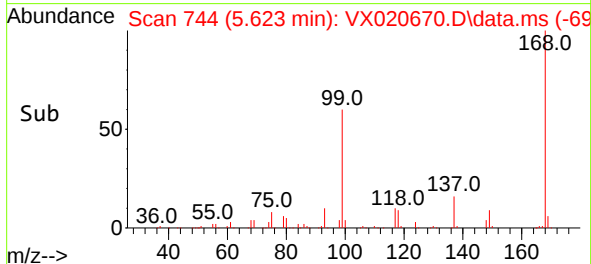
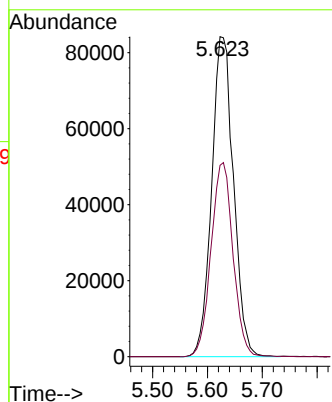
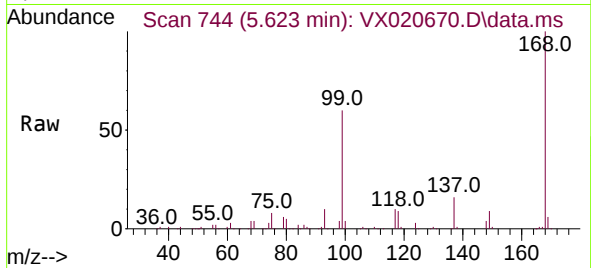




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

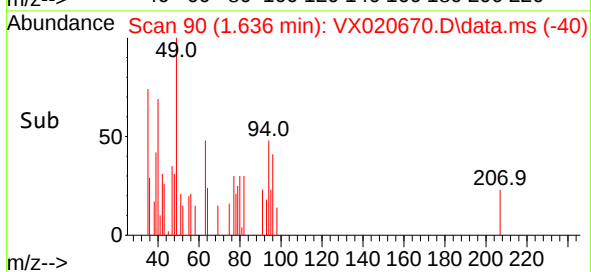
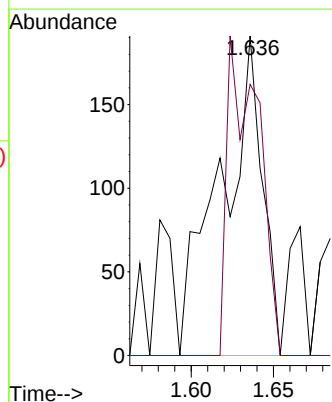
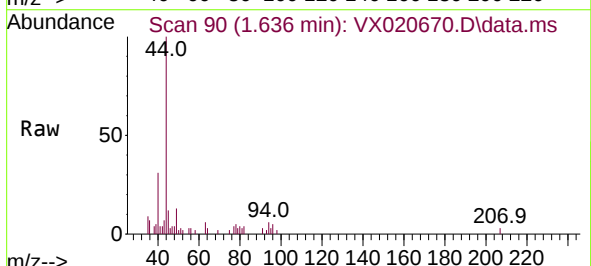
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

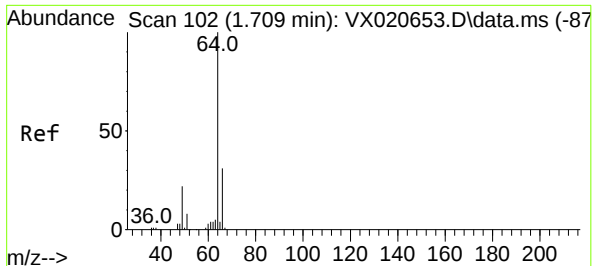
Tgt Ion:168 Resp: 232158
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 84.8 76.4 114.6

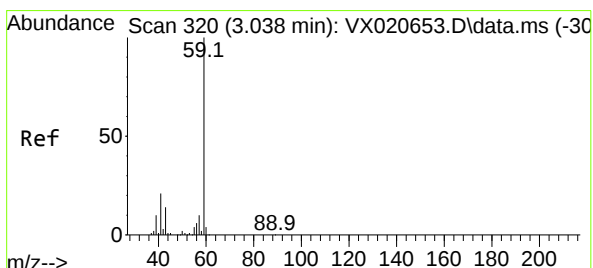
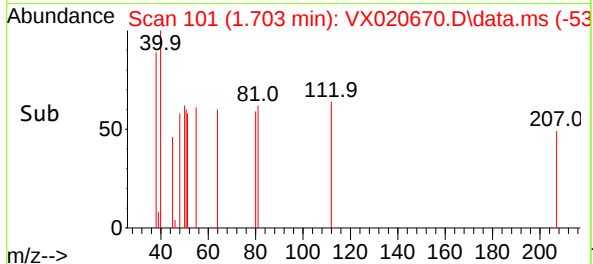
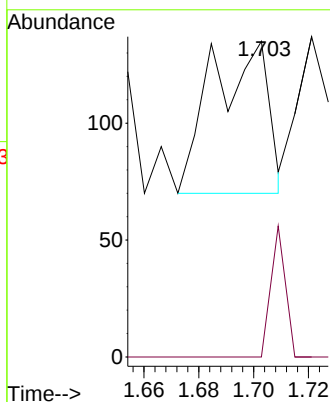
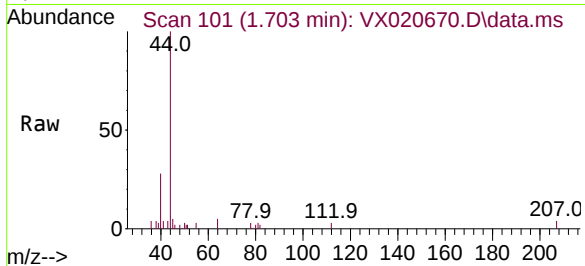




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

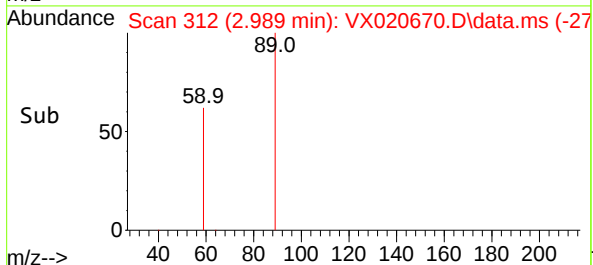
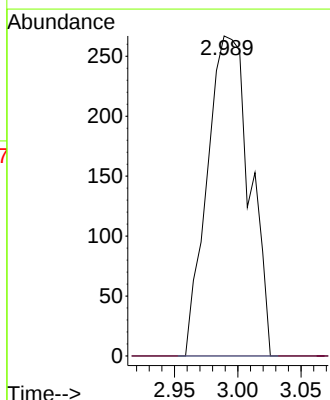
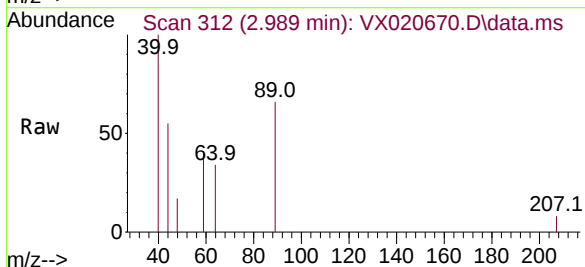
Instrument :
MSVOA_X
ClientSampleId :
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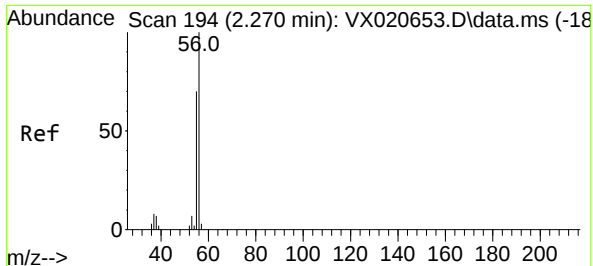
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.11 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 59 Resp: 626
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

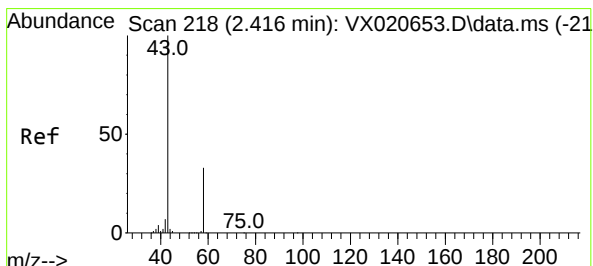
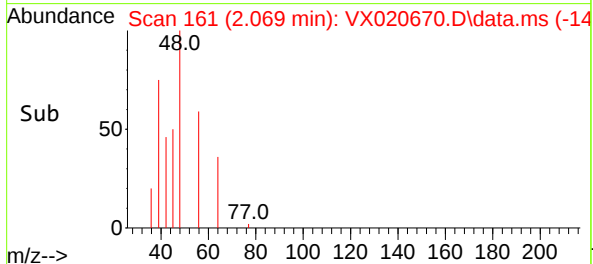
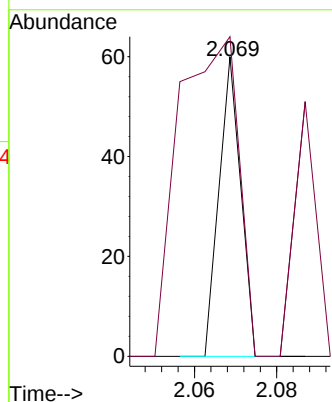
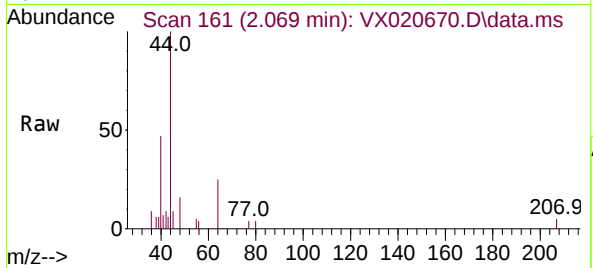




#13
Acrolein
Concen: 30.37 ug/l
RT: 2.069 min Scan# 161
Delta R.T. -0.201 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

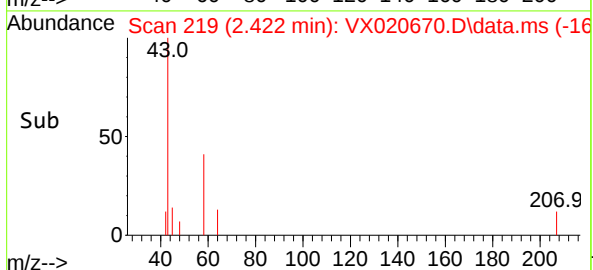
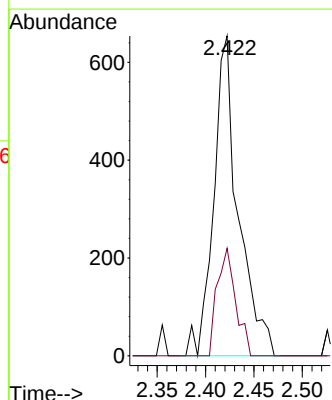
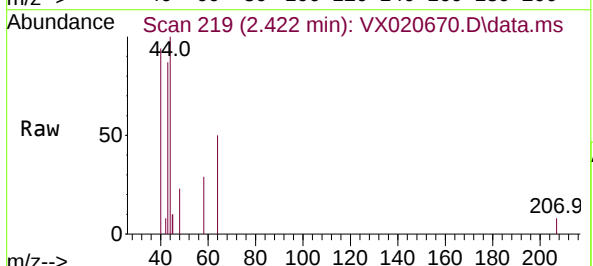
Instrument :
MSVOA_X
ClientSampleId :
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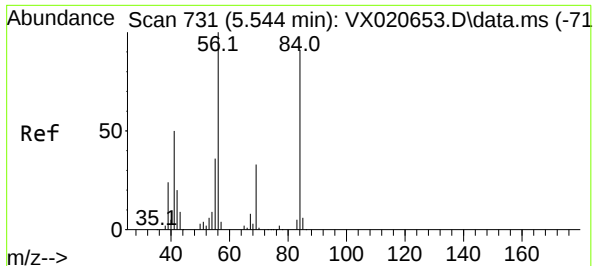
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 290.9 56.4 84.6#



#16
Acetone
Concen: 0.94 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8

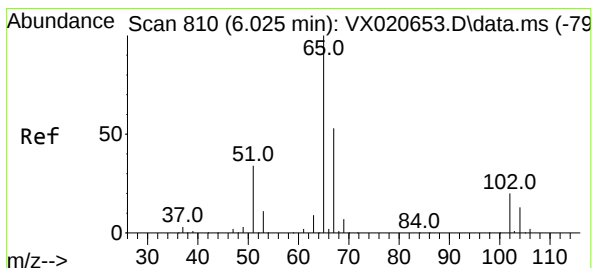
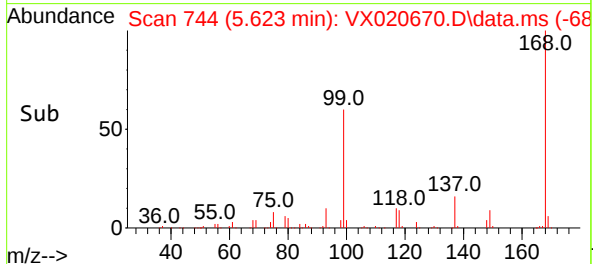
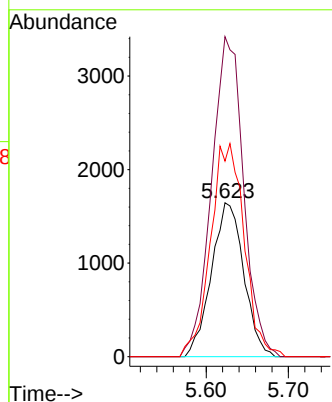
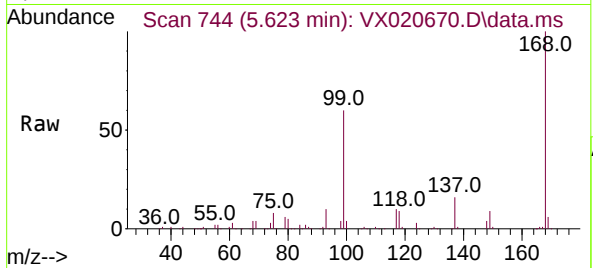




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

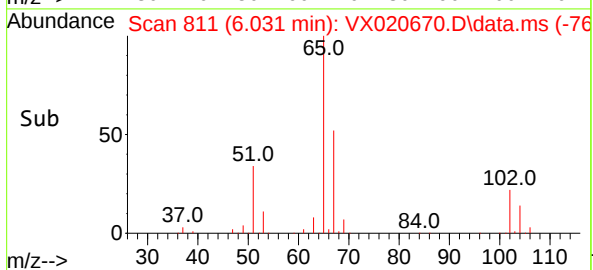
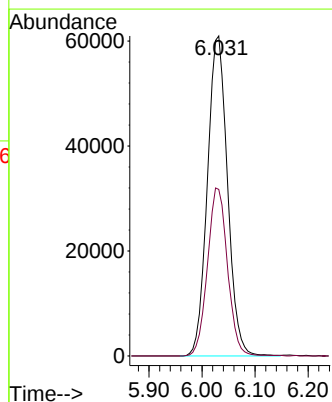
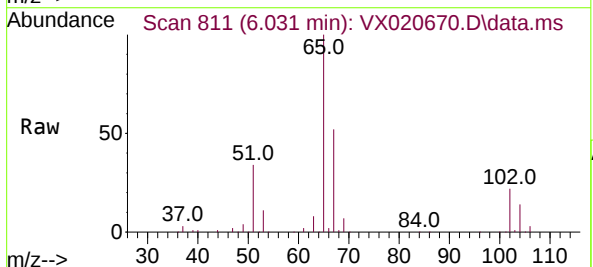
Instrument :
MSVOA_X
ClientSampleId :
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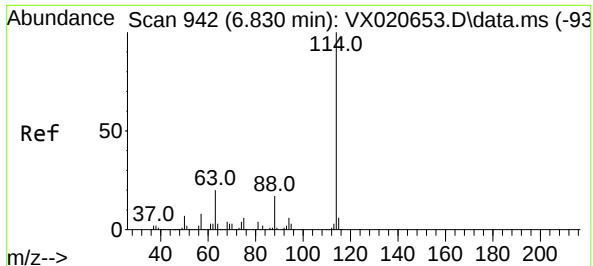
Tgt Ion: 56 Resp: 4498
Ion Ratio Lower Upper
56 100
69 208.0 25.3 37.9#
84 134.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.56 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 65 Resp: 160476
Ion Ratio Lower Upper
65 100
67 52.2 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: VX020670.D

Acq: 19 Jan 2021 19:36

Tgt Ion:114 Resp: 403529

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

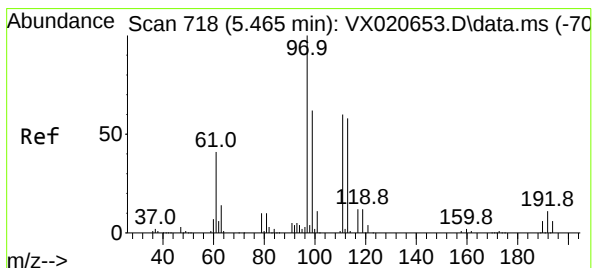
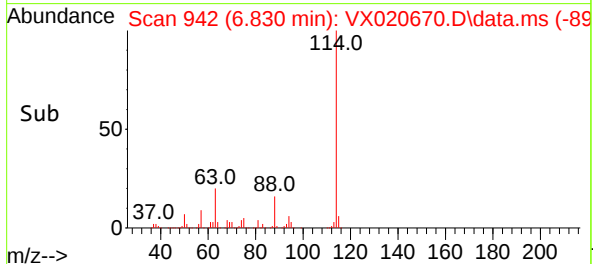
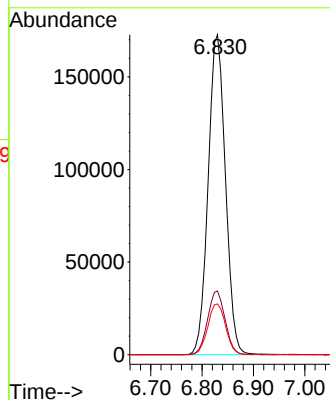
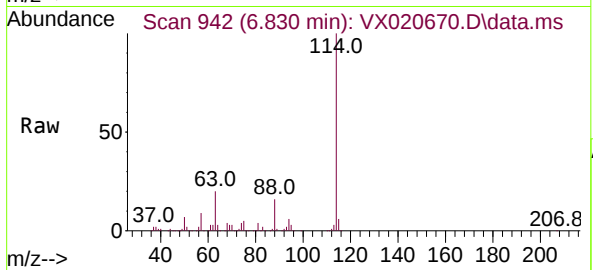
88 15.9 0.0 32.8

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



#35

Dibromofluoromethane

Concen: 49.00 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.007 min

Lab File: VX020670.D

Acq: 19 Jan 2021 19:36

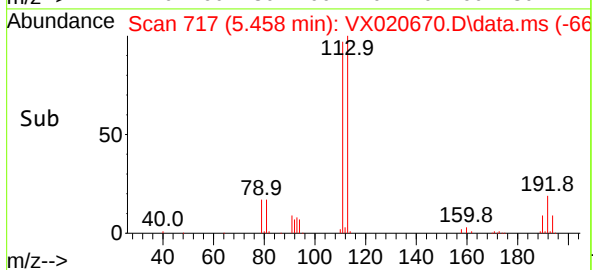
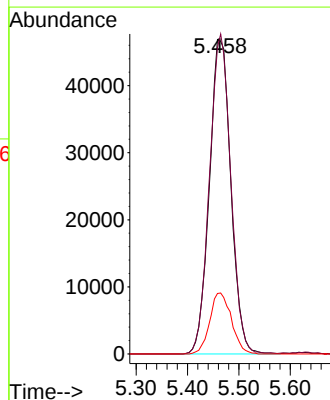
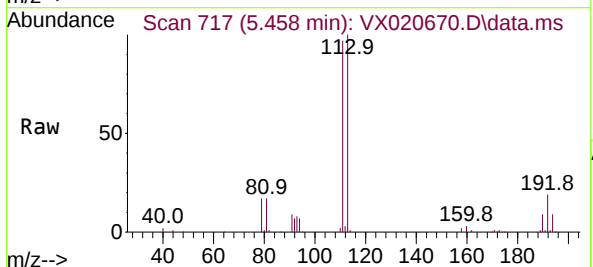
Tgt Ion:113 Resp: 136217

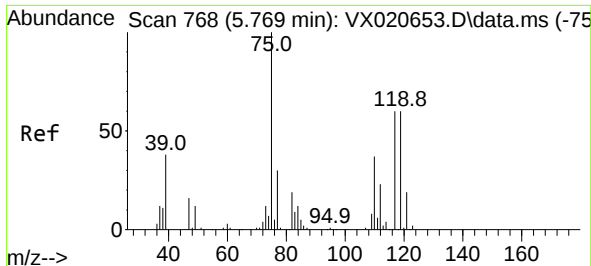
Ion Ratio Lower Upper

113 100

111 100.8 81.9 122.9

192 19.5 16.7 25.1

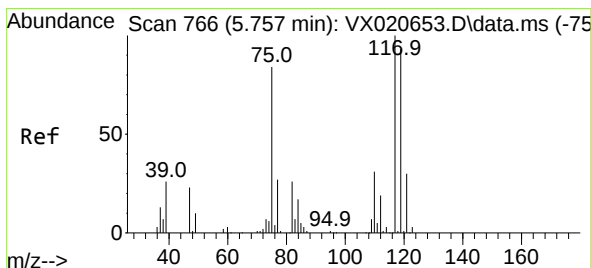
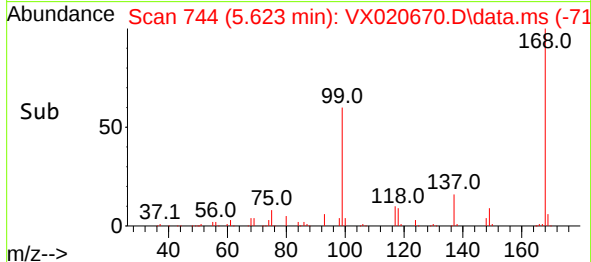
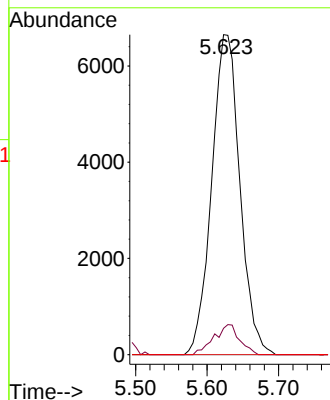
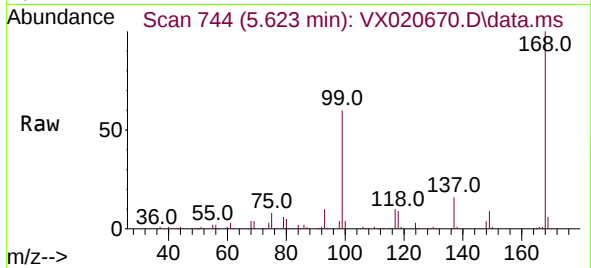




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

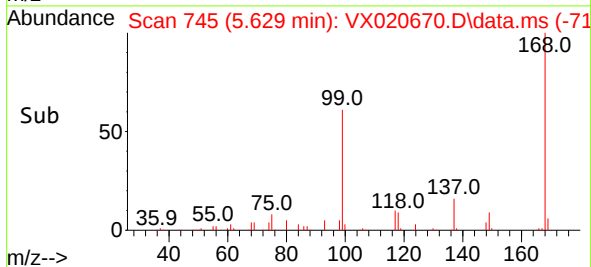
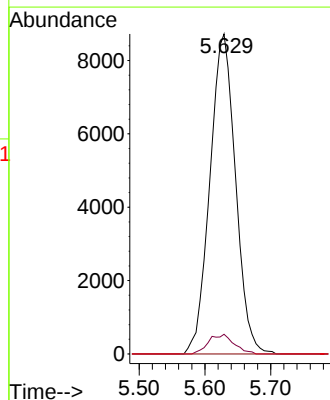
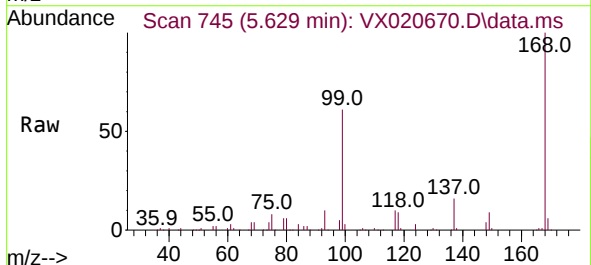
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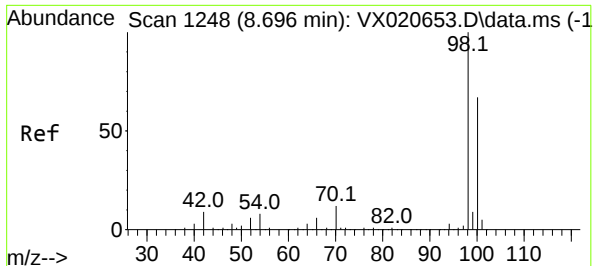
Tgt Ion: 75 Resp: 18195
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.128 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 117 Resp: 23681
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

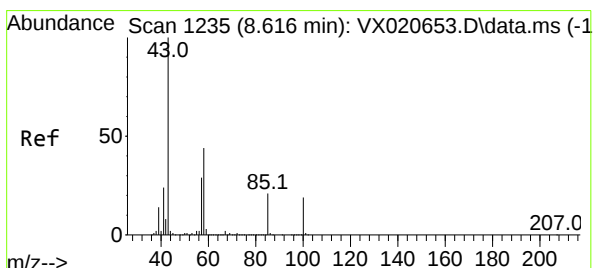
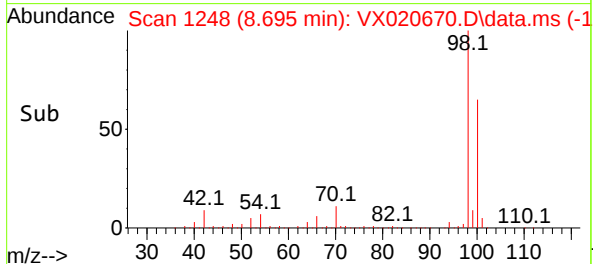
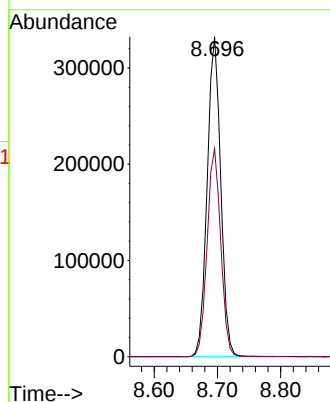
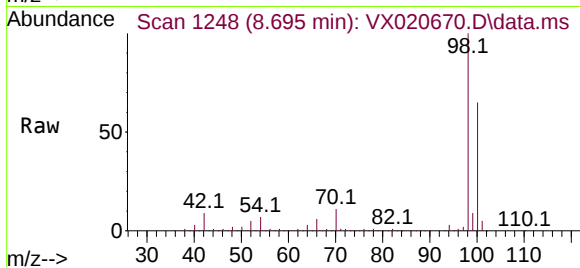




#50
Toluene-d8
Concen: 49.41 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

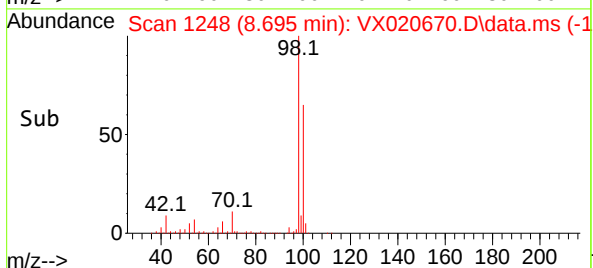
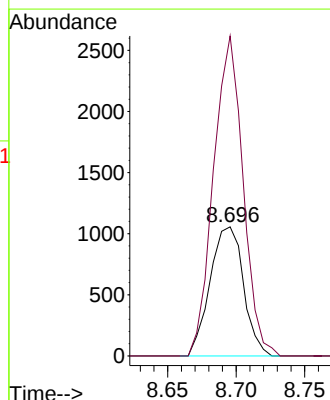
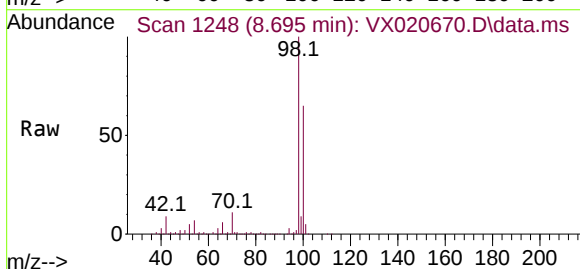
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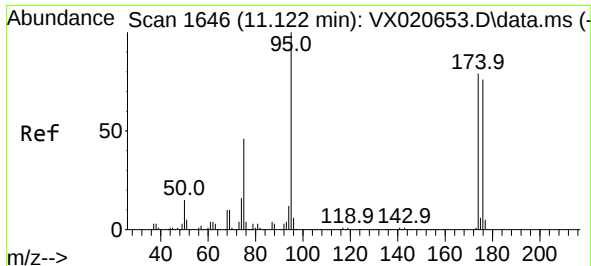
Tgt Ion: 98 Resp: 495290
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 219.2 35.4 53.0#

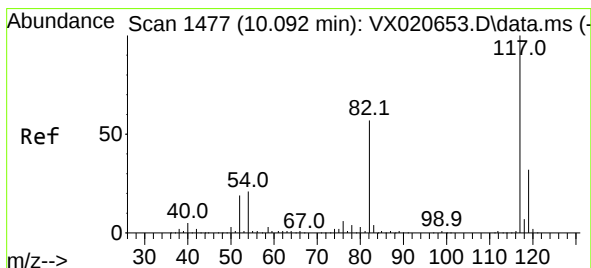
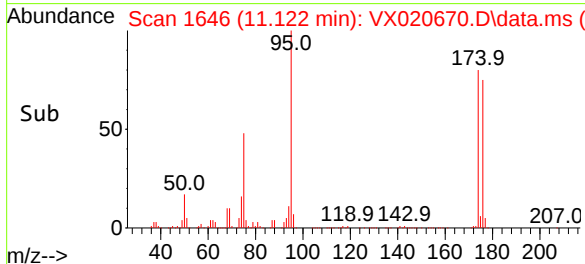
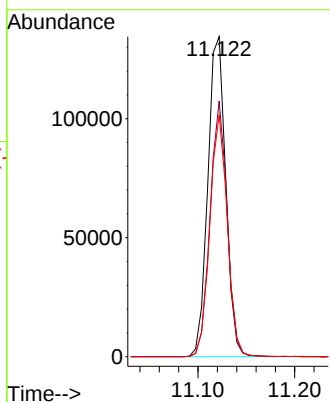
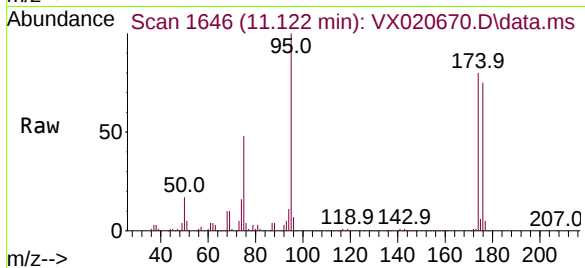




#62
4-Bromofluorobenzene
Concen: 45.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

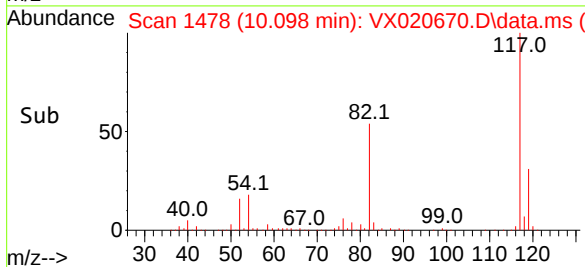
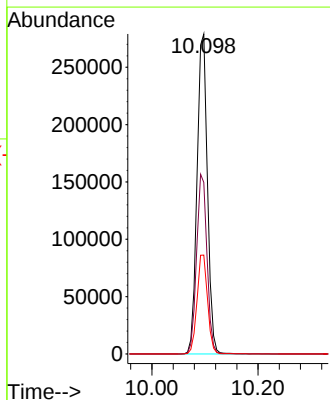
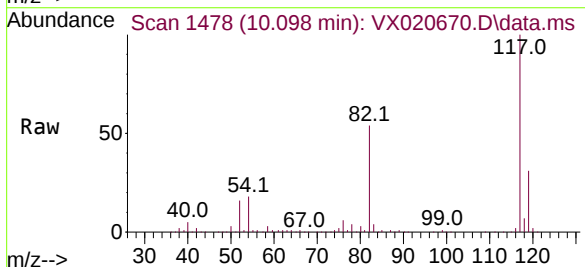
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

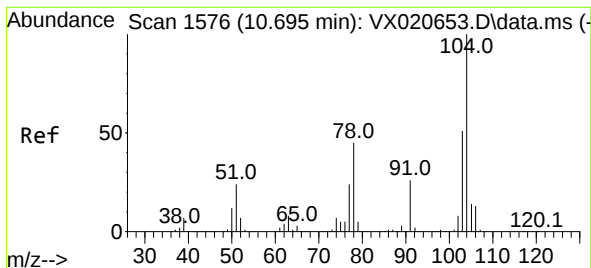
Tgt Ion: 95 Resp: 173375
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 117 Resp: 378517
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 30.9 26.6 39.8





#70

Styrene

Concen: 1.42 ug/l

RT: 10.695 min Scan# 1576

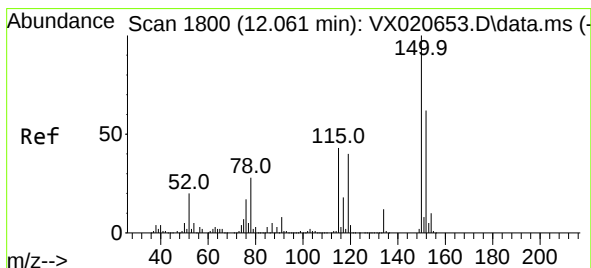
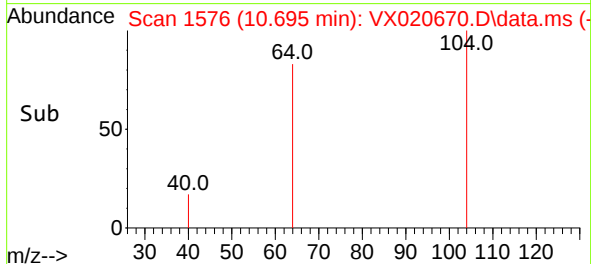
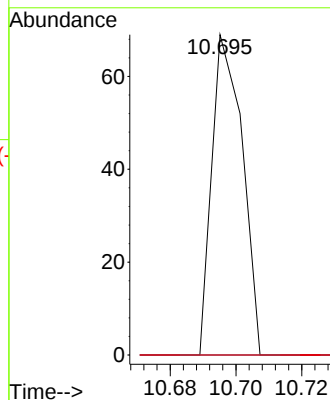
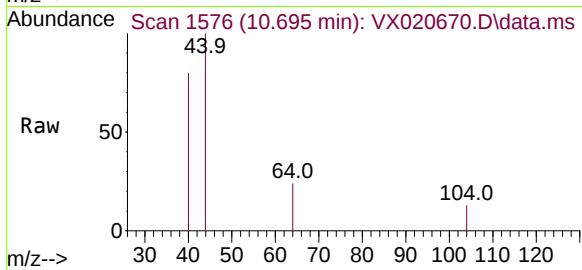
Delta R.T. 0.000 min

Lab File: VX020670.D

Acq: 19 Jan 2021 19:36

Tgt Ion:104	Resp:	44
Ion Ratio	Lower	Upper
104	100	
78	0.0	40.0
103	0.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

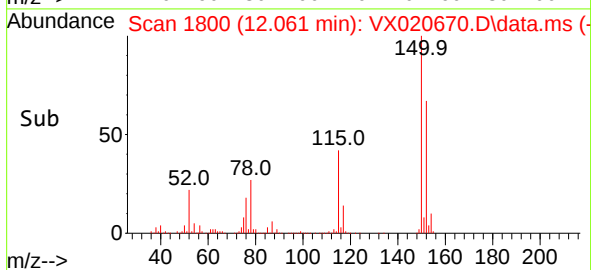
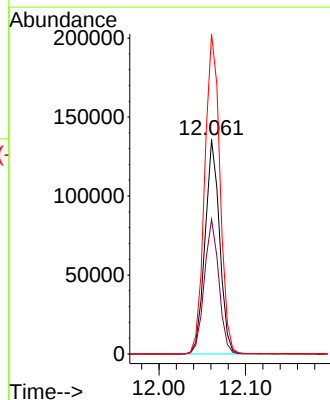
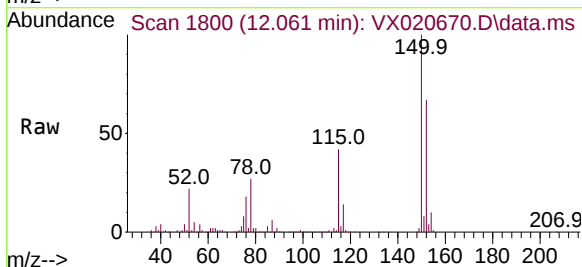
RT: 12.061 min Scan# 1800

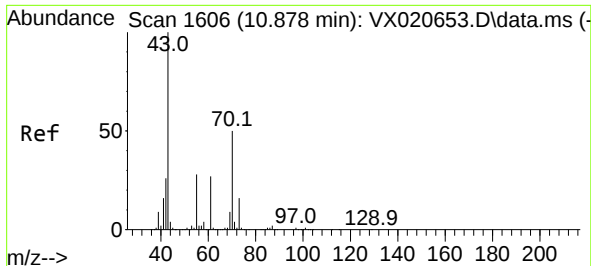
Delta R.T. -0.000 min

Lab File: VX020670.D

Acq: 19 Jan 2021 19:36

Tgt Ion:152	Resp:	158032
Ion Ratio	Lower	Upper
152	100	
115	62.8	41.1
150	156.6	0.0

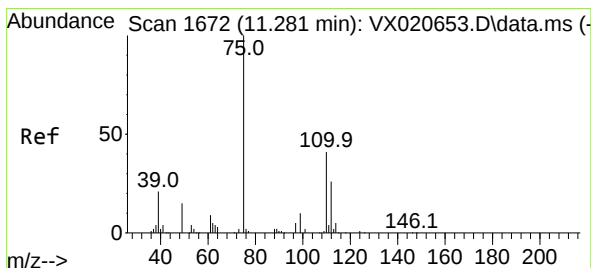
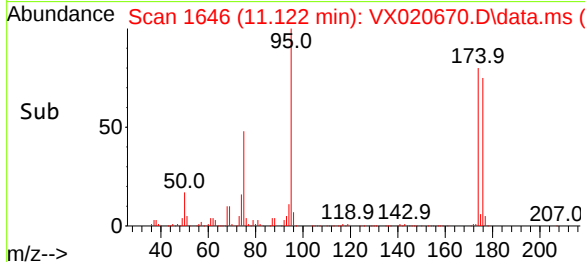
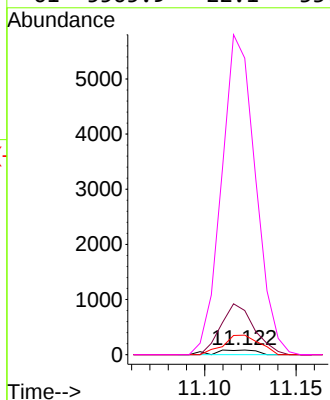
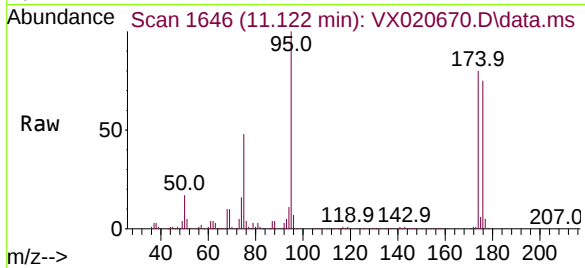




#74
N-amy1 acetate
Concen: 1.97 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

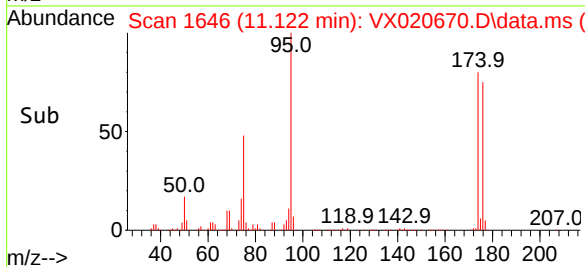
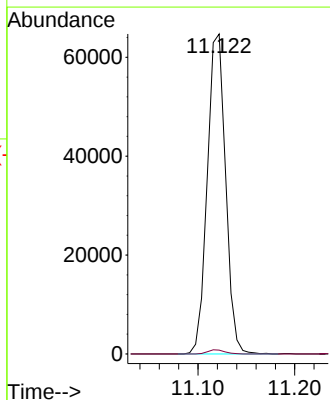
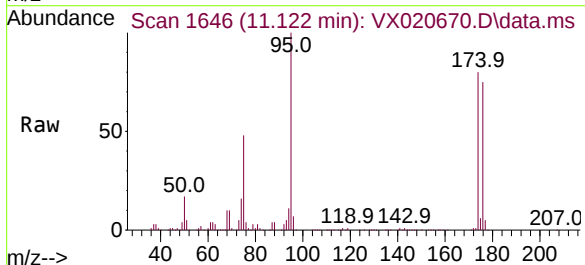
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

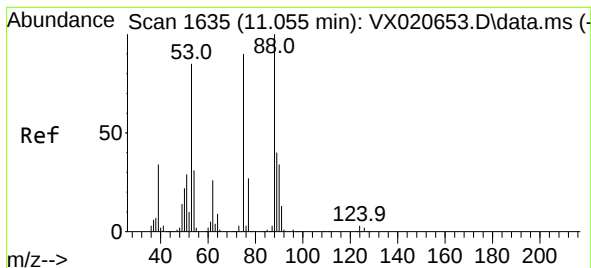
Tgt Ion: 43	Resp:	135
Ion Ratio	Lower	Upper
43	100	
70	865.2	39.0 58.6#
55	359.3	21.5 32.3#
61	5565.9	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 75	Resp:	85320
Ion Ratio	Lower	Upper
75	100	
77	1.2	19.1 57.5#

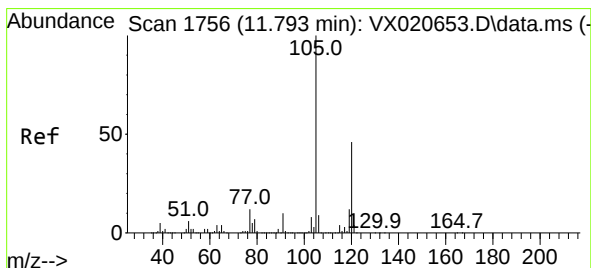
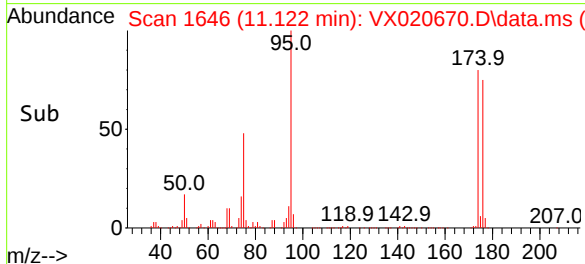
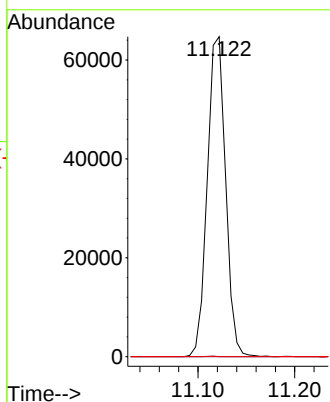
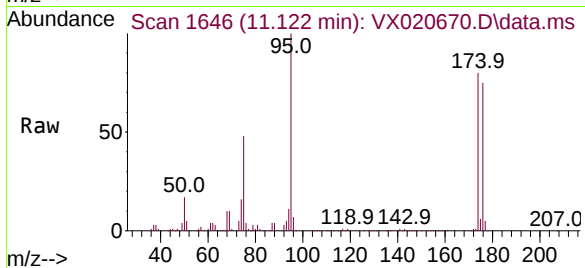




#81
trans-1,4-Dichloro-2-butene
Concen: 65.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

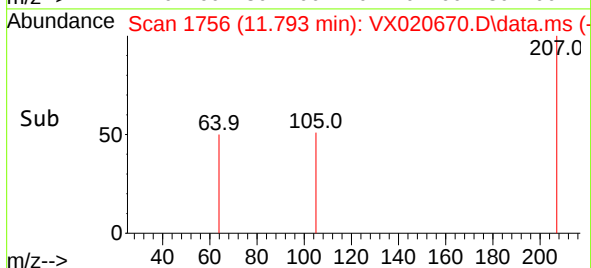
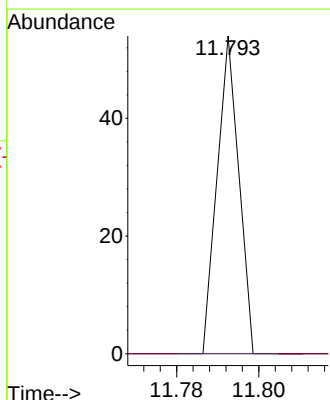
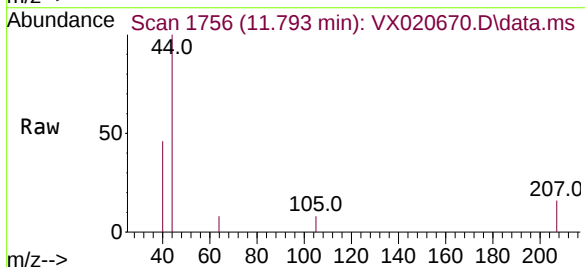
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

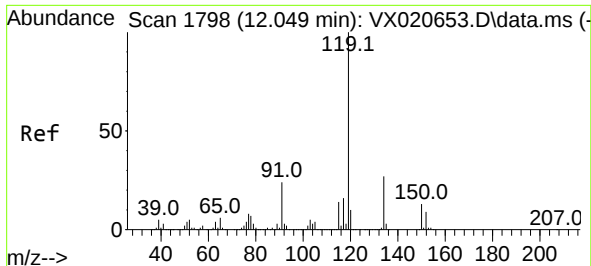
Tgt Ion: 75 Resp: 85320
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.40 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 105 Resp: 20
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#

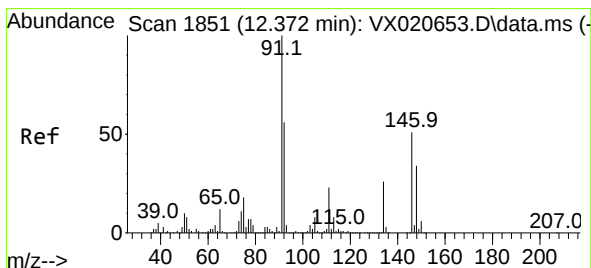
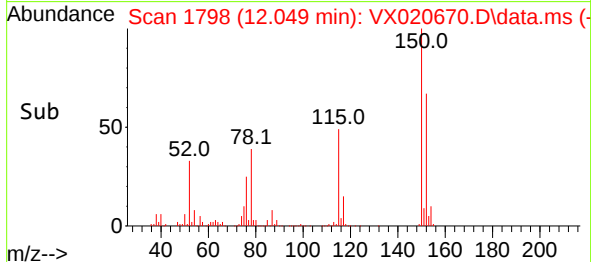
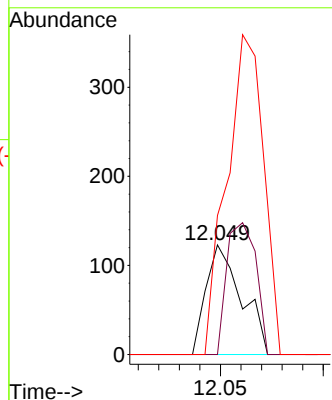
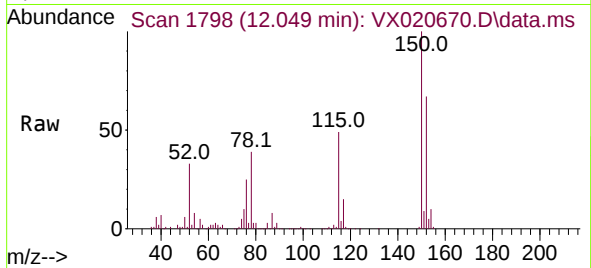




#86
p-Isopropyltoluene
Concen: 0.89 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

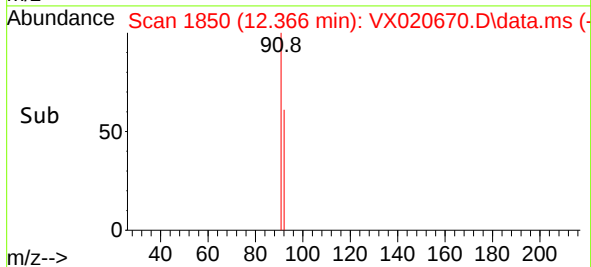
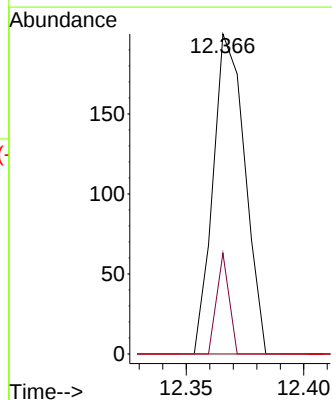
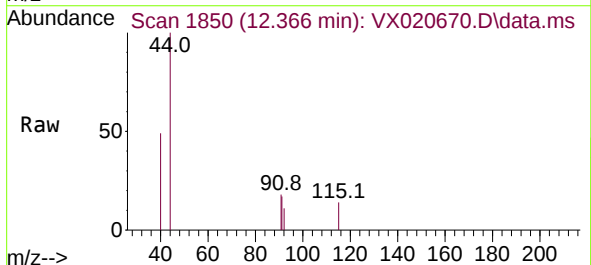
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

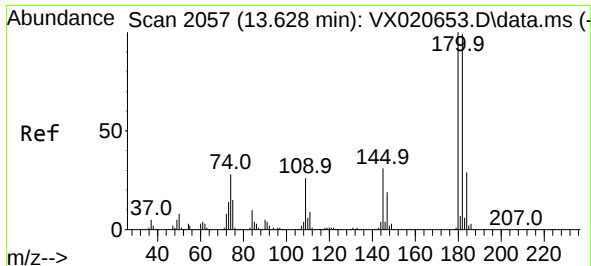
Tgt Ion:119 Resp: 148
Ion Ratio Lower Upper
119 100
134 98.6 12.9 38.7#
91 302.7 11.7 35.0#



#89
n-Butylbenzene
Concen: 1.45 ug/l
RT: 12.366 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion: 91 Resp: 188
Ion Ratio Lower Upper
91 100
92 12.2 27.4 82.0#
134 0.0 13.2 39.5#

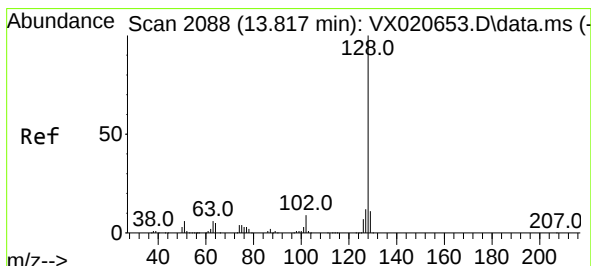
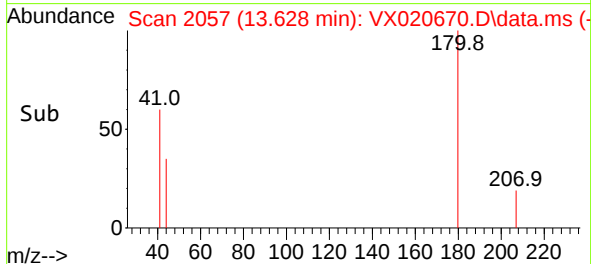
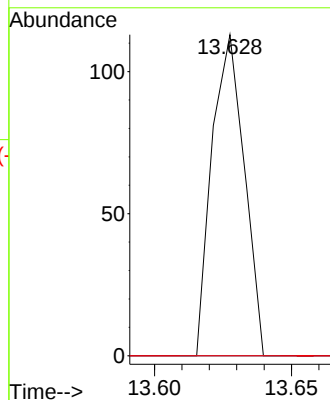
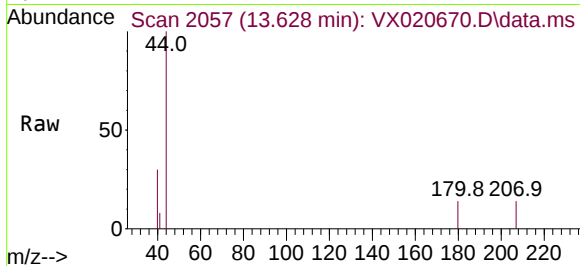




#93
1,2,4-Trichlorobenzene
Concen: 2.26 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:180 Resp: 93
Ion Ratio Lower Upper
180 100
182 0.0 47.7 143.1#
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020670.D
Acq: 19 Jan 2021 19:36

Tgt Ion:128 Resp: 215
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

