

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020668.D
 Acq On : 19 Jan 2021 18:49
 Operator : JC/SP
 Sample : M1158-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 20 03:21:57 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)

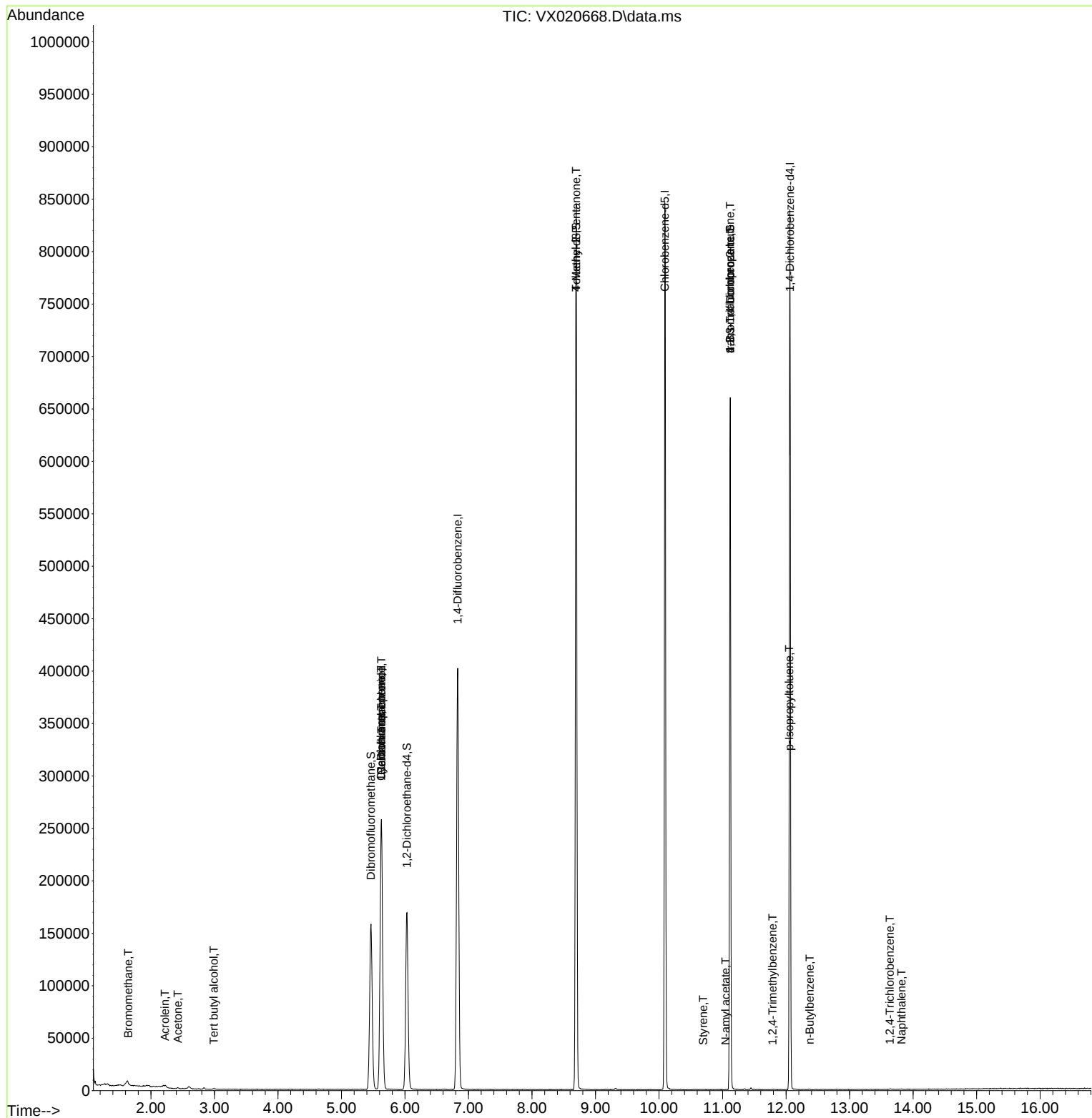
Internal Standards						
1) Pentafluorobenzene	5.629	168	240285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	412945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	388390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	170187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	166840	50.78	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.56%
35) Dibromofluoromethane	5.464	113	136833	48.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.18%
50) Toluene-d8	8.696	98	507240	49.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.88%
62) 4-Bromofluorobenzene	11.122	95	183017	47.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.40%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	334	0.21	ug/l	82
6) Chloroethane	1.703	64	57	Below Cal	#	43
11) Tert butyl alcohol	2.989	59	614	1.05	ug/l #	73
13) Acrolein	2.221	56	68	30.48	ug/l #	1
16) Acetone	2.422	43	1346	1.05	ug/l #	84
31) Cyclohexane	5.623	56	4850	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18172	4.37	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24424	5.50	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	1856	0.50	ug/l #	1
70) Styrene	10.695	104	98	1.43	ug/l #	26
74) N-amyl acetate	11.049	43	40	1.95	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	90288	22.11	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90288	63.94	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.787	105	80	0.41	ug/l #	31
86) p-Isopropyltoluene	12.049	119	180	0.90	ug/l #	1
89) n-Butylbenzene	12.372	91	207	1.45	ug/l #	76
93) 1,2,4-Trichlorobenzene	13.634	180	112	2.27	ug/l #	67
95) Naphthalene	13.817	128	267	1.97	ug/l #	80

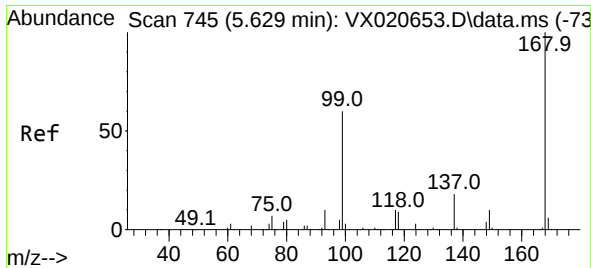
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

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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

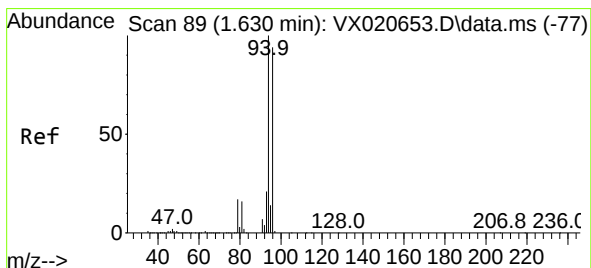
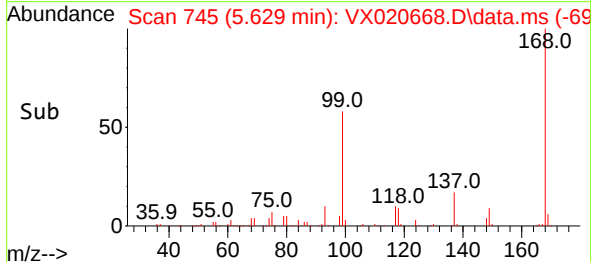
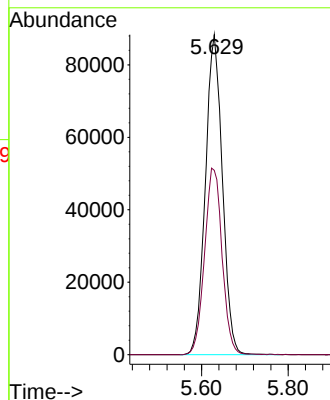
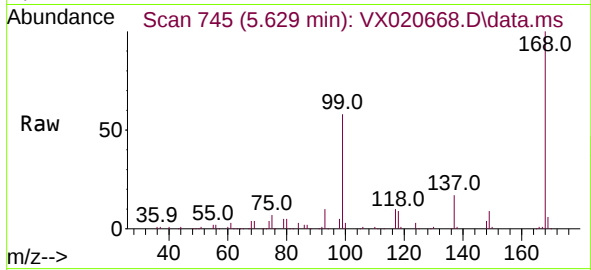




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

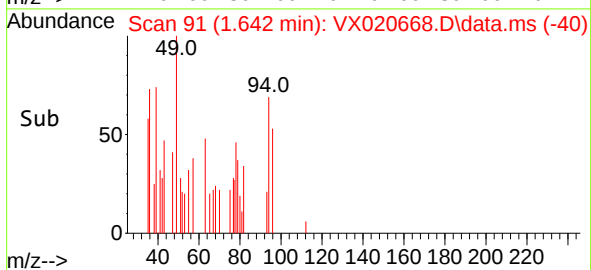
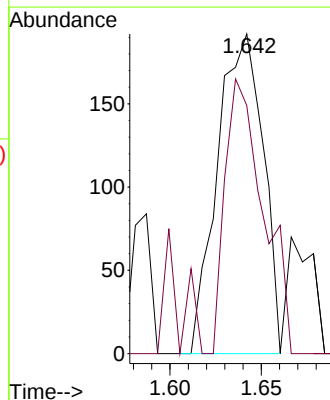
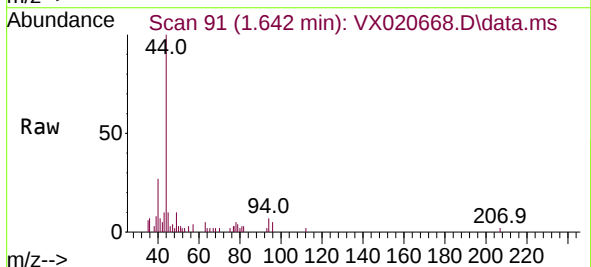
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

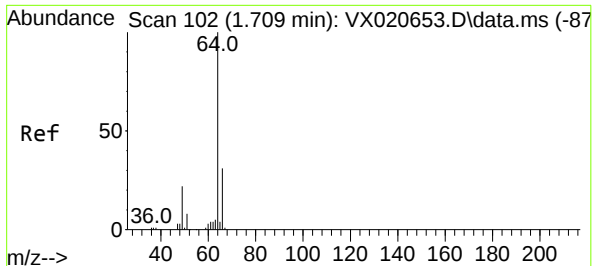
Tgt Ion:168 Resp: 240285
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 77.6 76.4 114.6

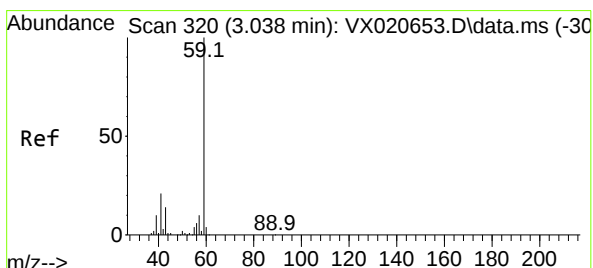
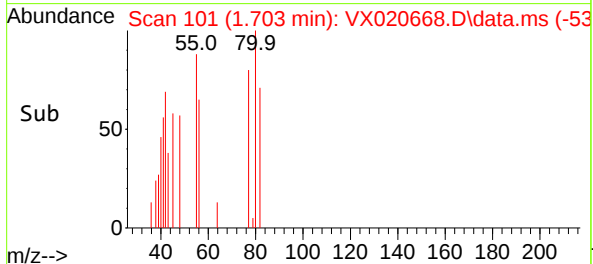
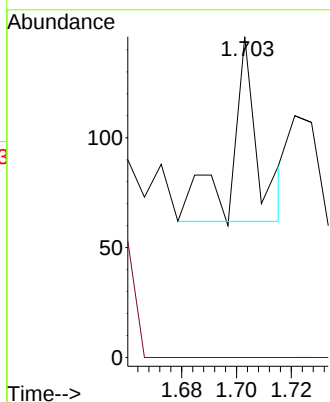
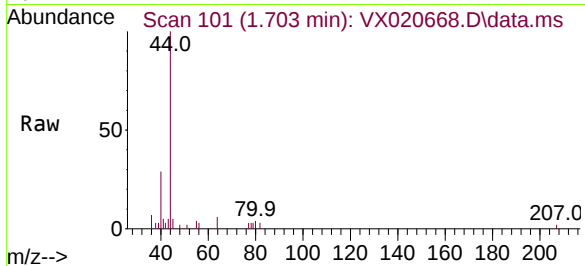




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

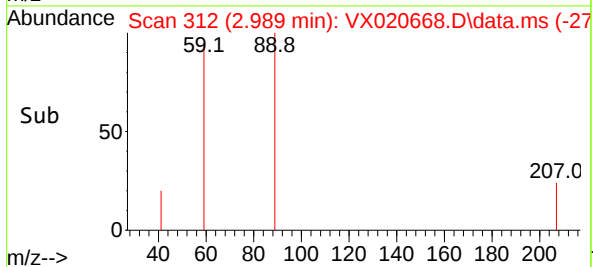
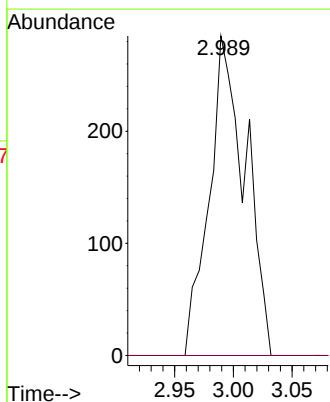
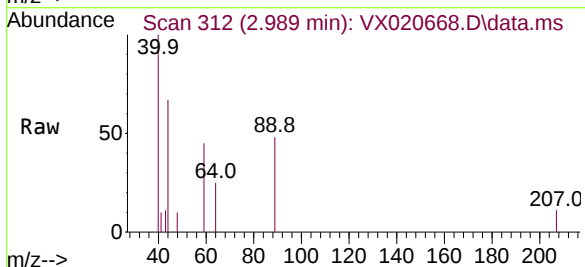
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

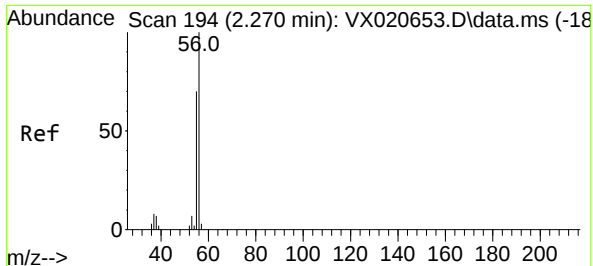
Tgt Ion: 64 Resp: 57
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.05 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 59 Resp: 614
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

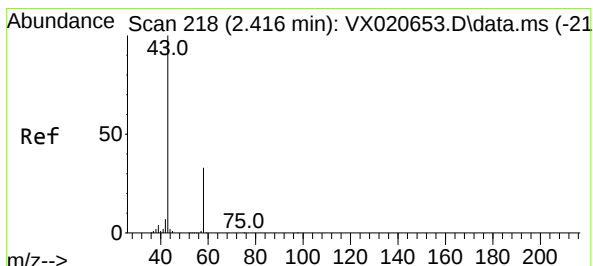
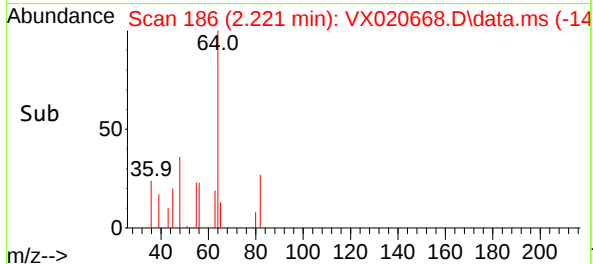
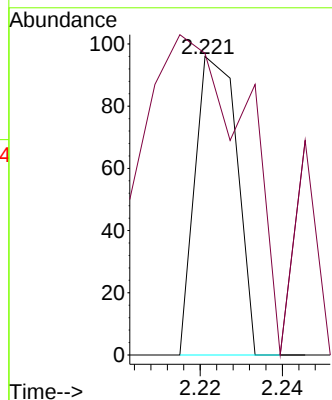
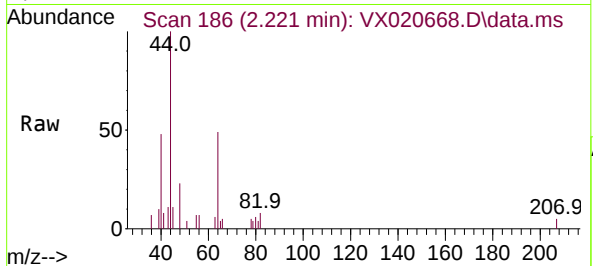




#13
Acrolein
Concen: 30.48 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.049 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

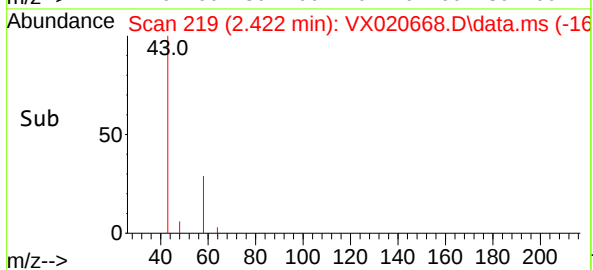
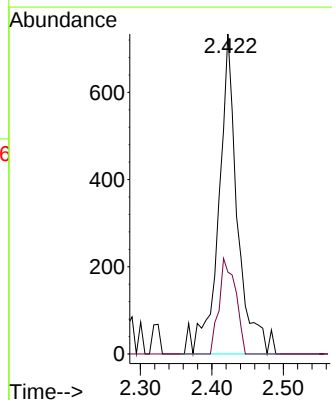
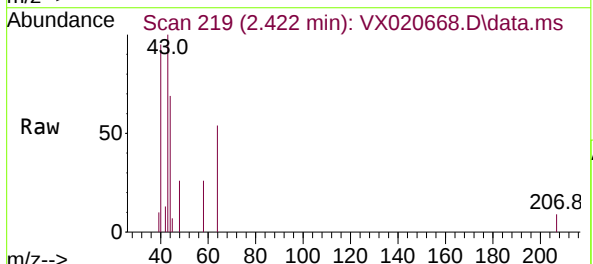
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

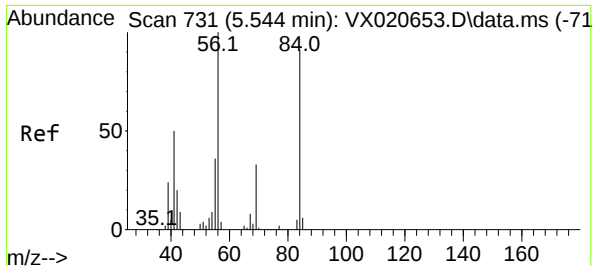
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 341.2 56.4 84.6#



#16
Acetone
Concen: 1.05 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
58 25.6 27.8 41.8#

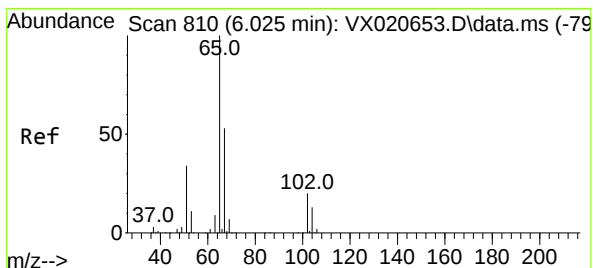
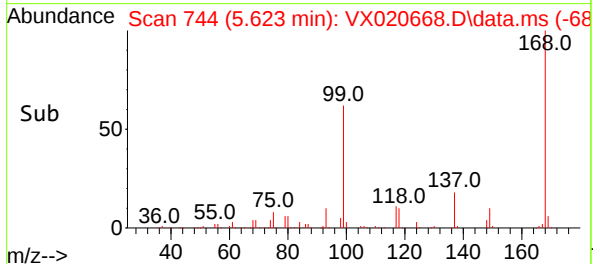
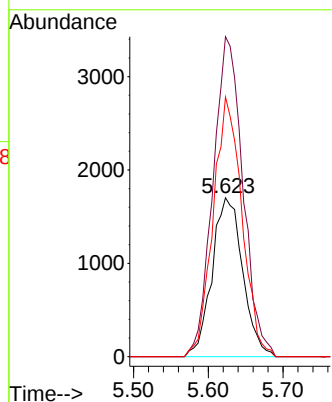
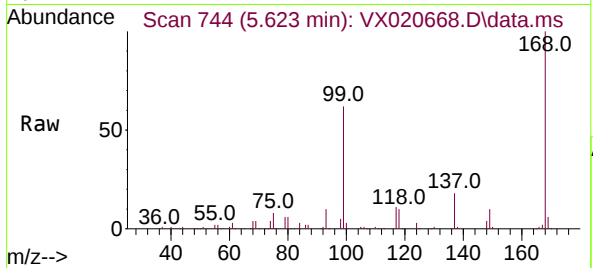




#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

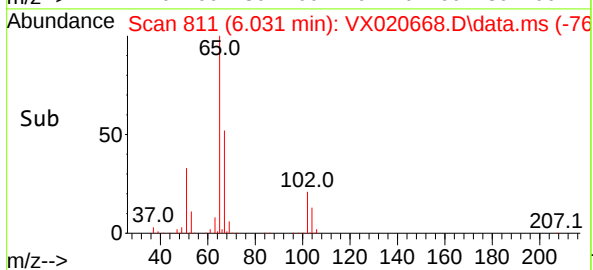
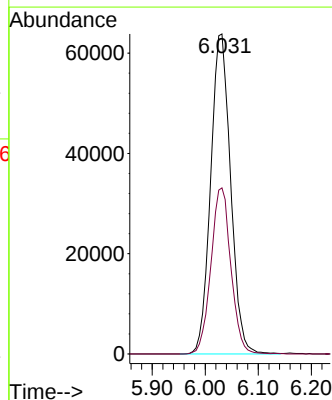
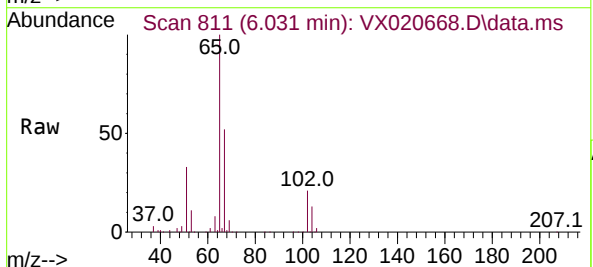
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

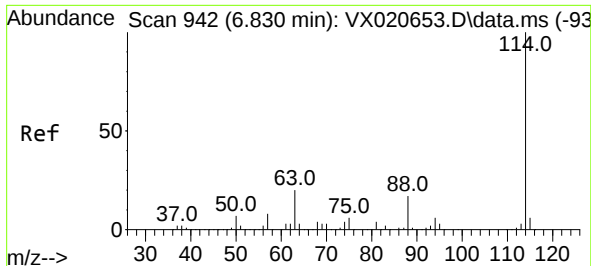
Tgt Ion: 56 Resp: 4850
Ion Ratio Lower Upper
56 100
69 201.4 25.3 37.9#
84 163.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.78 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 65 Resp: 166840
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

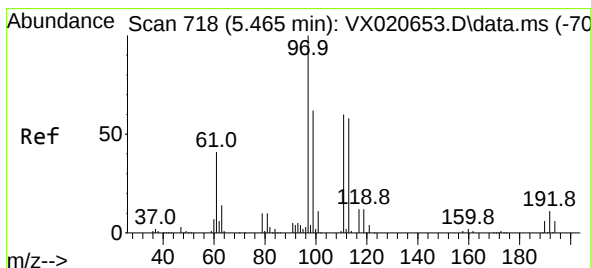
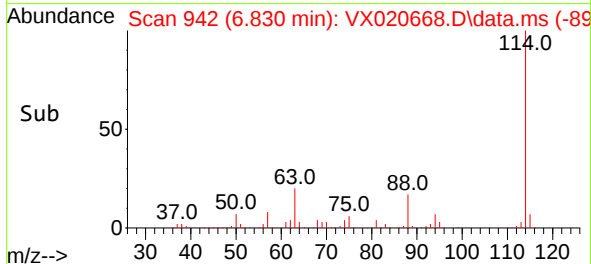
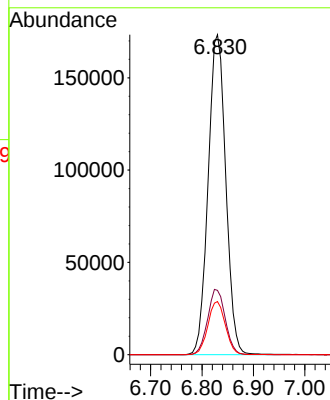
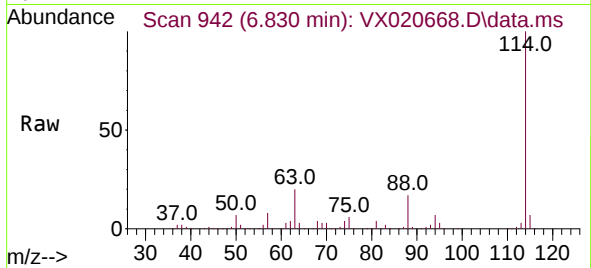




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

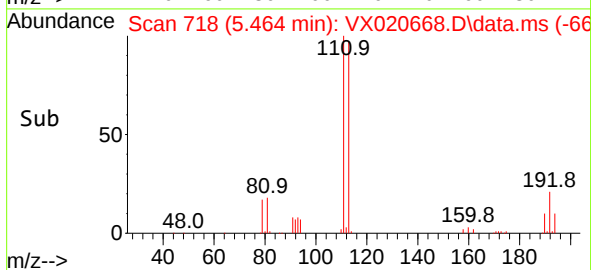
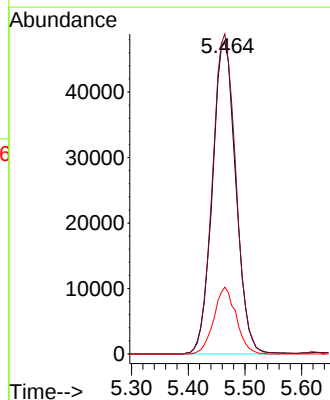
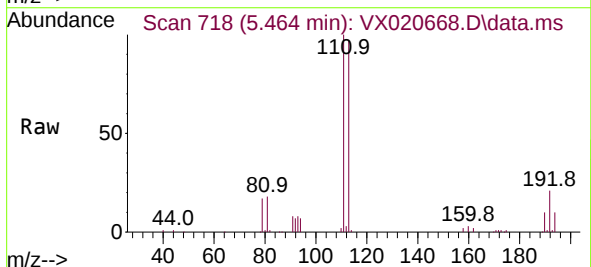
Instrument :
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STORAGE-BLANK-WATER-REF-5

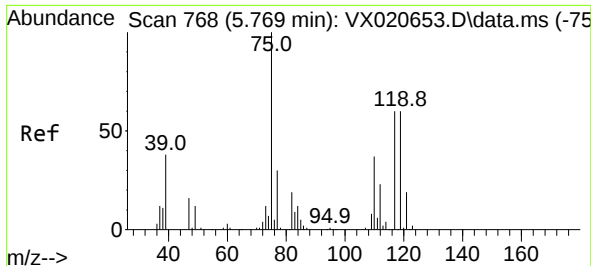
Tgt Ion:114 Resp: 412945
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.09 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion:113 Resp: 136833
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.3 16.7 25.1

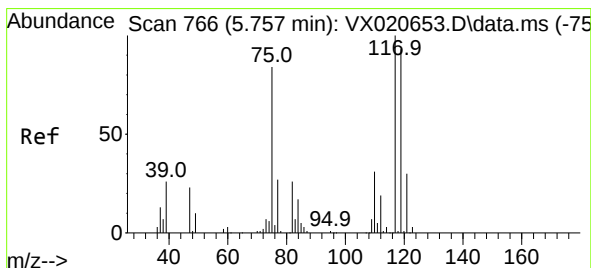
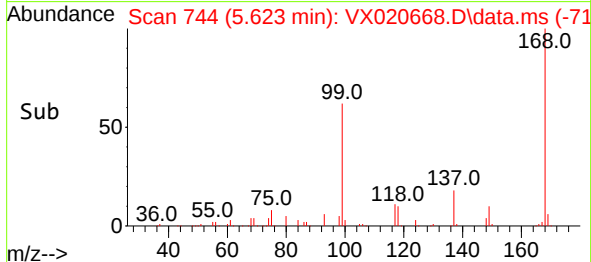
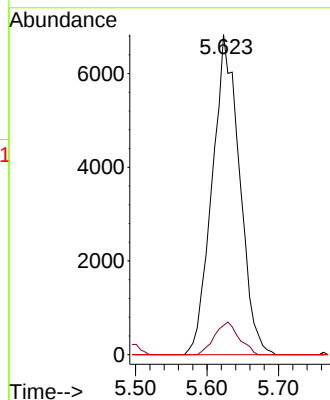
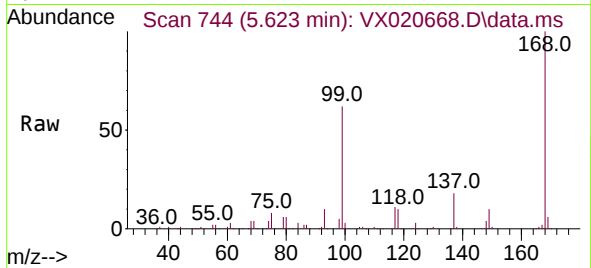




#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

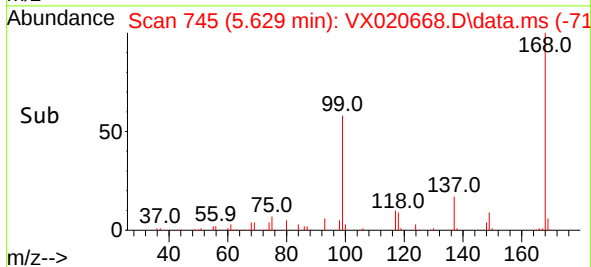
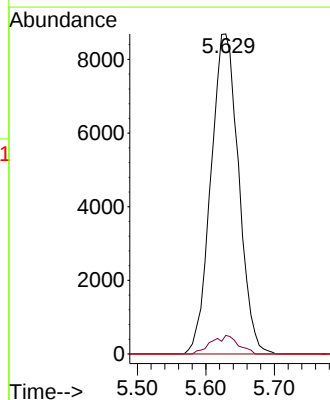
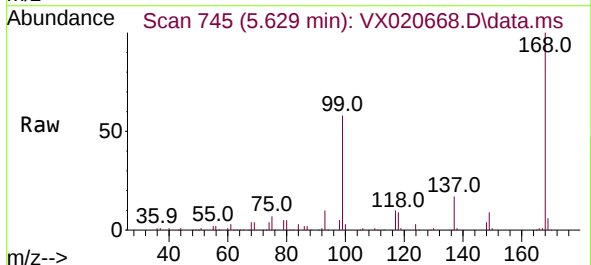
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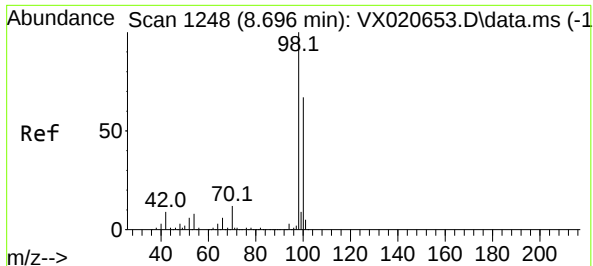
Tgt Ion: 75 Resp: 18172
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.128 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 117 Resp: 24424
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

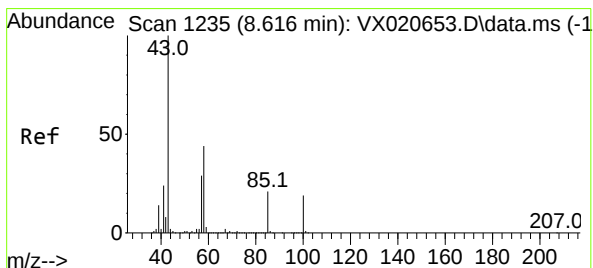
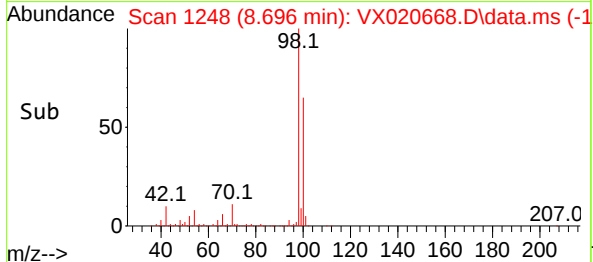
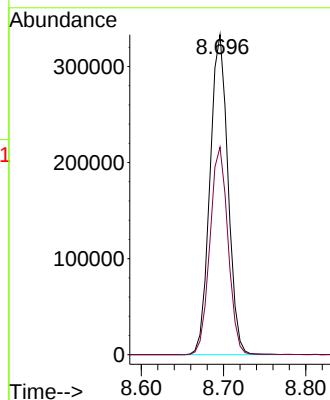
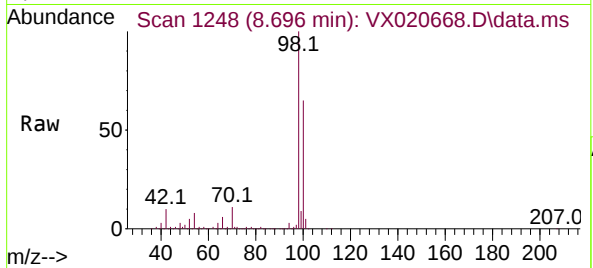




#50
Toluene-d8
Concen: 49.44 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

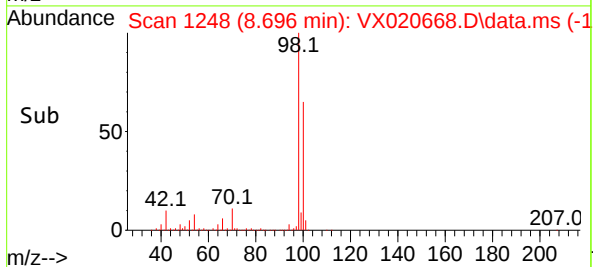
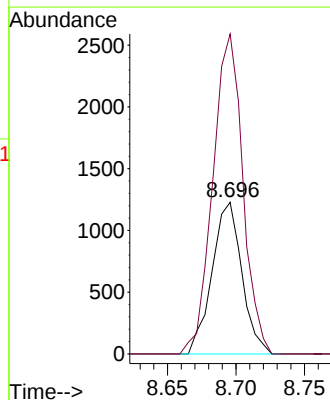
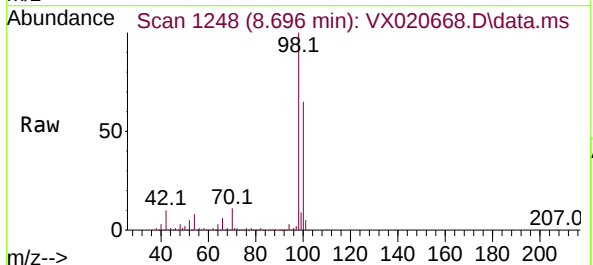
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

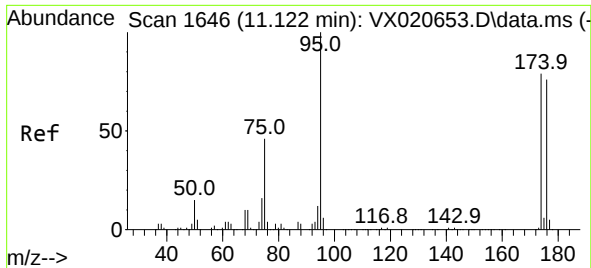
Tgt Ion: 98 Resp: 507240
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 212.7 35.4 53.0#

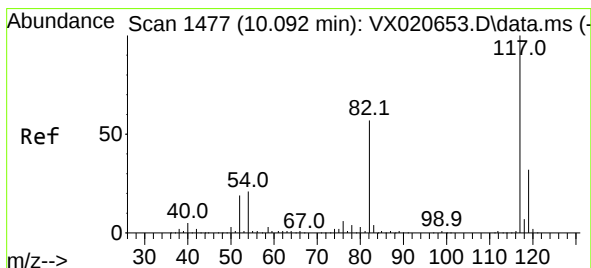
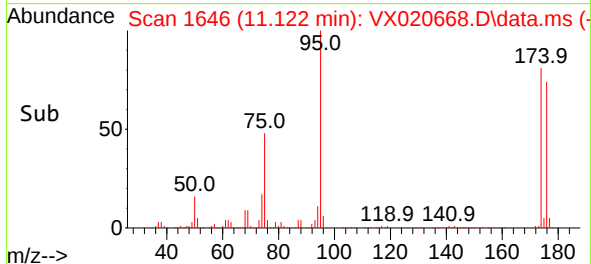
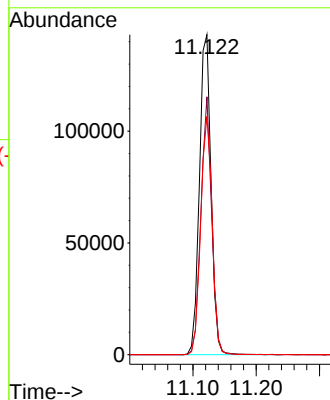
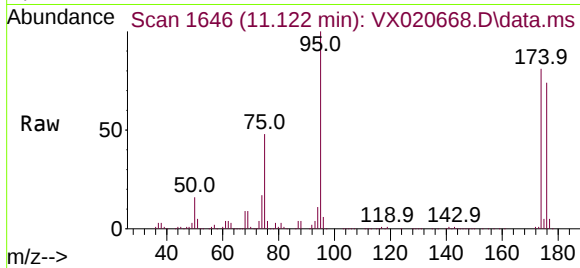




#62
4-Bromofluorobenzene
Concen: 47.20 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

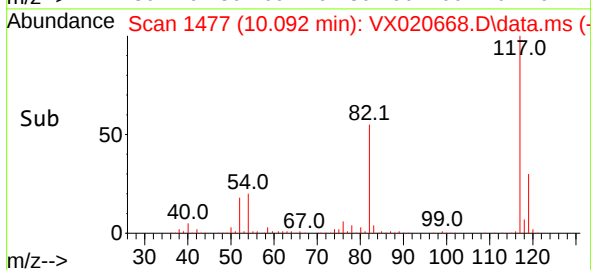
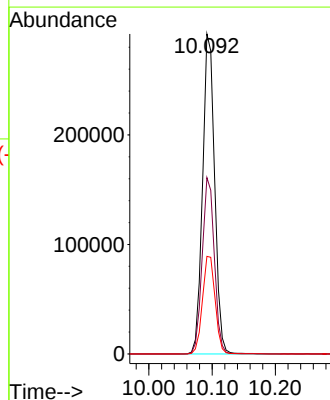
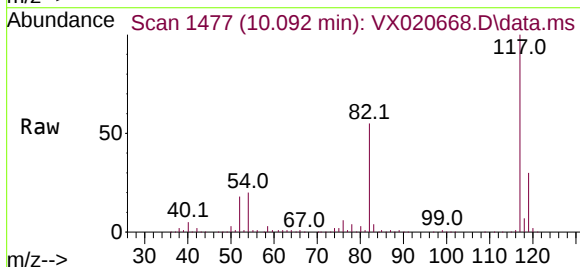
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

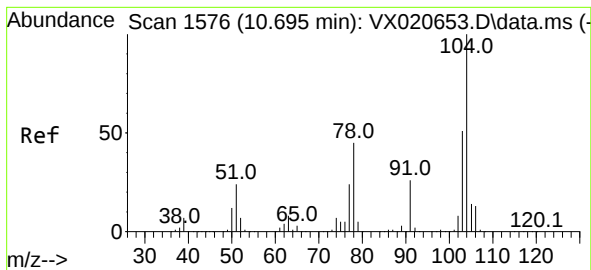
Tgt Ion: 95 Resp: 183017
Ion Ratio Lower Upper
95 100
174 75.1 0.0 154.6
176 73.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 117 Resp: 388390
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 30.5 26.6 39.8





#70

Styrene

Concen: 1.43 ug/l

RT: 10.695 min Scan# 1576

Delta R.T. 0.000 min

Lab File: VX020668.D

Acq: 19 Jan 2021 18:49

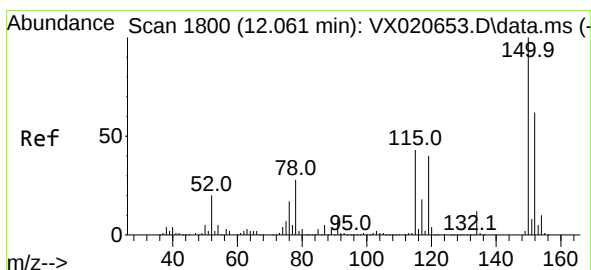
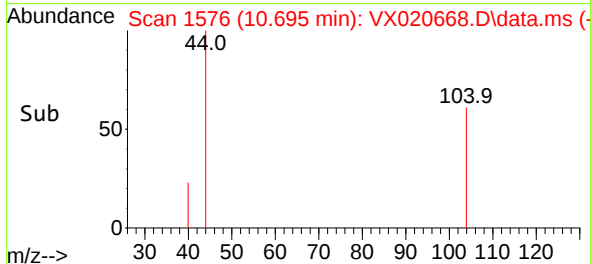
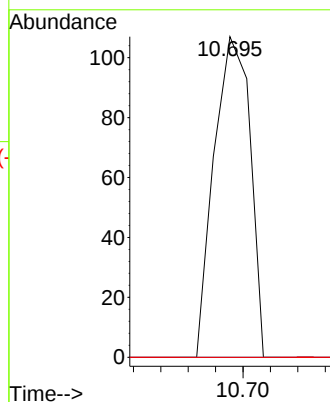
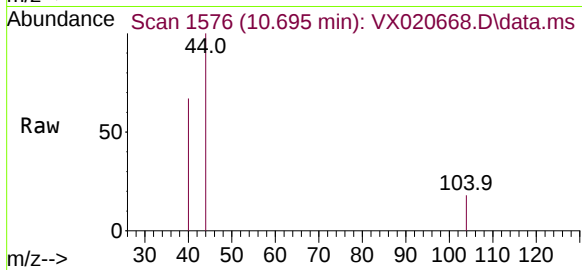
Tgt Ion:	104	Resp:	98
Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	0.0	43.4	65.0#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

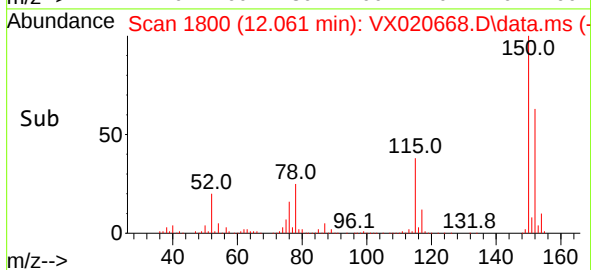
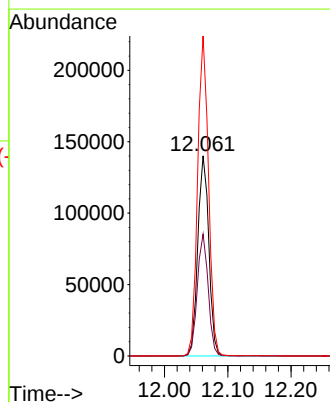
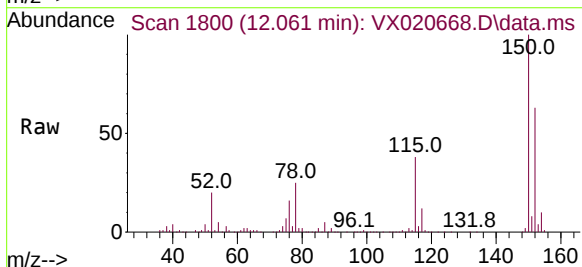
RT: 12.061 min Scan# 1800

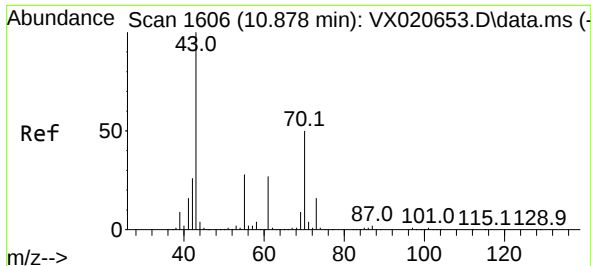
Delta R.T. -0.000 min

Lab File: VX020668.D

Acq: 19 Jan 2021 18:49

Tgt Ion:	152	Resp:	170187
Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.1	123.3
150	158.0	0.0	349.0

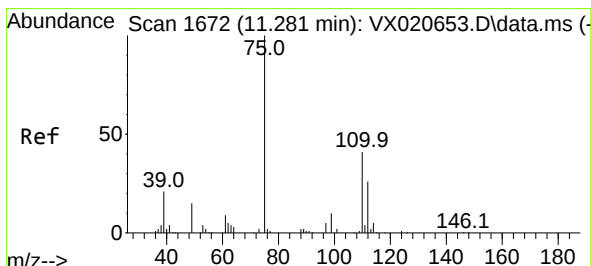
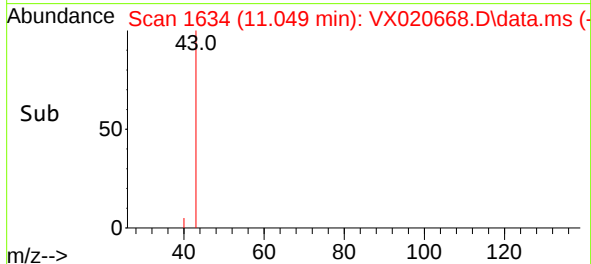
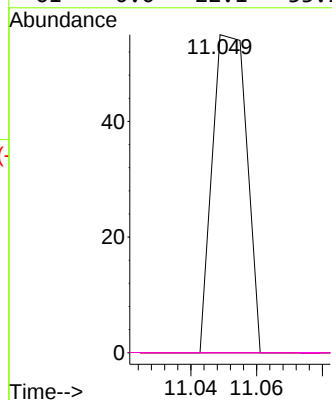
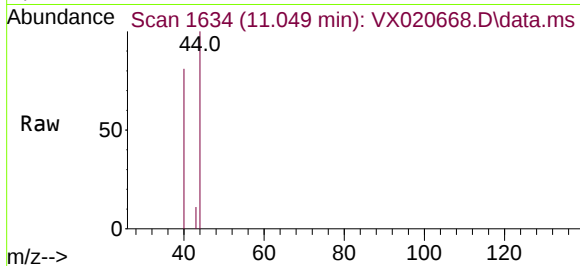




#74
N-amy1 acetate
Concen: 1.95 ug/l
RT: 11.049 min Scan# 1634
Delta R.T. 0.171 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

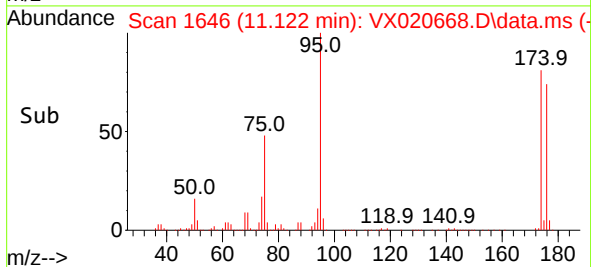
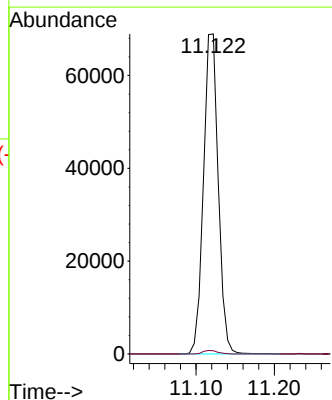
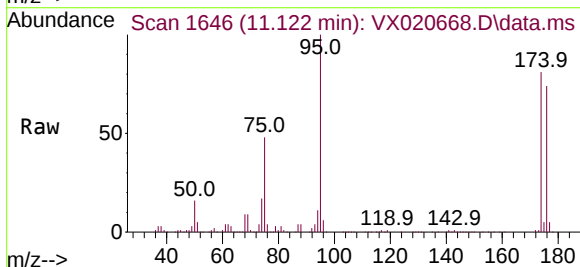
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

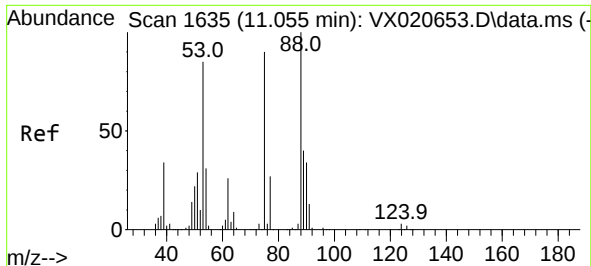
Tgt Ion: 43	Resp: 40
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 75	Resp: 90288
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#

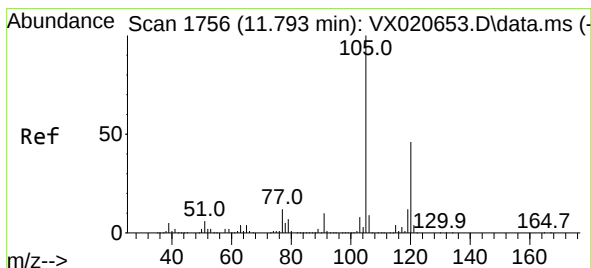
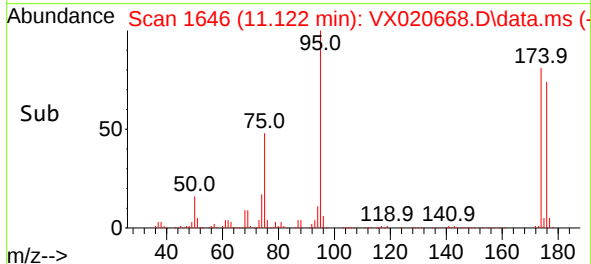
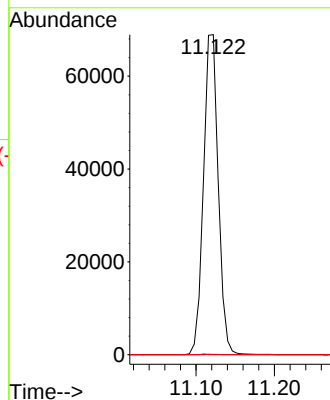
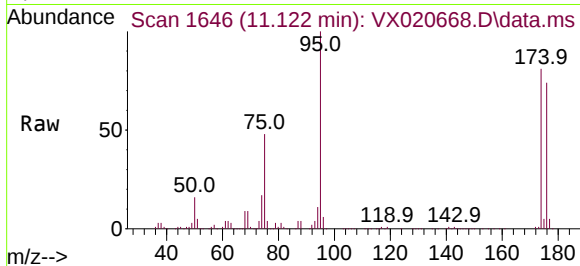




#81
trans-1,4-Dichloro-2-butene
Concen: 63.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

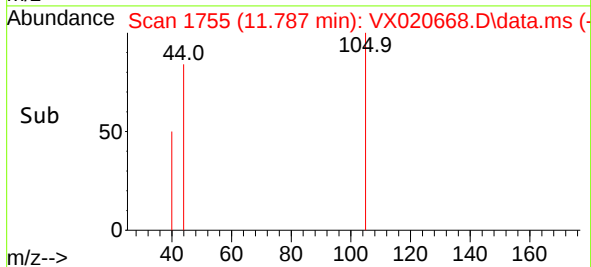
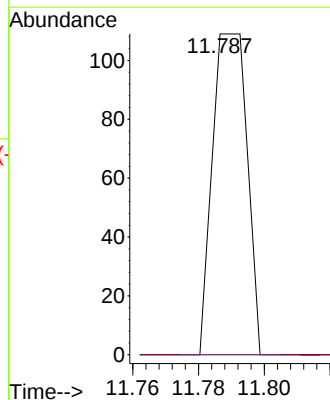
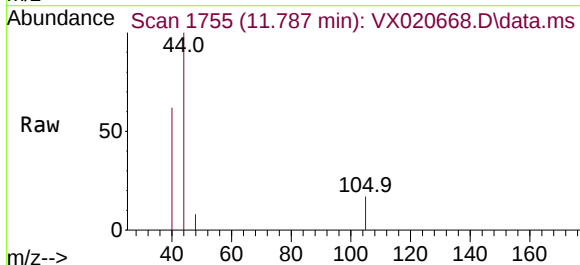
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

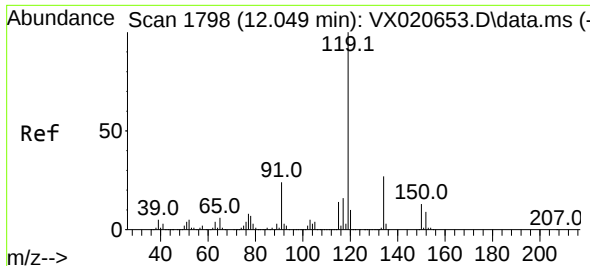
Tgt Ion: 75 Resp: 90288
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion: 105 Resp: 80
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#

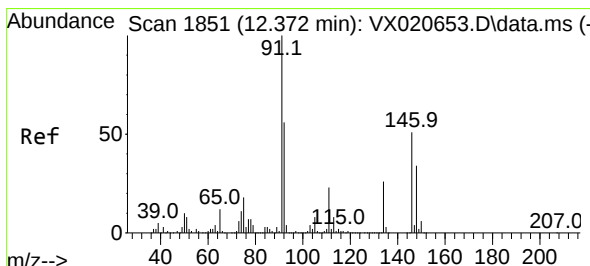
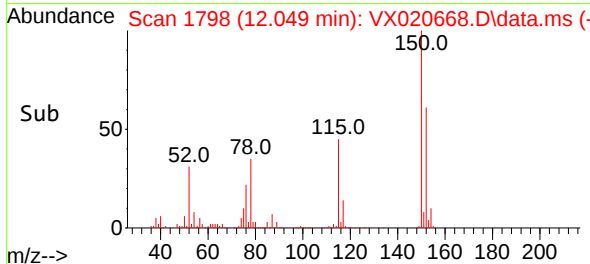
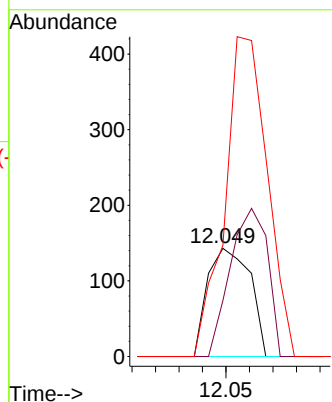
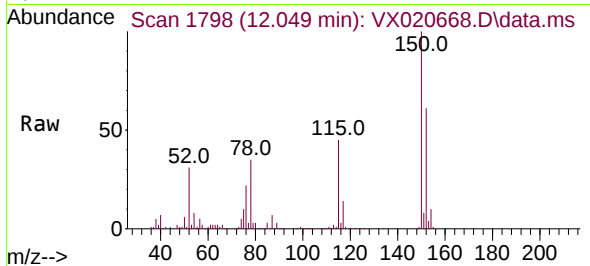




#86
p-Isopropyltoluene
Concen: 0.90 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

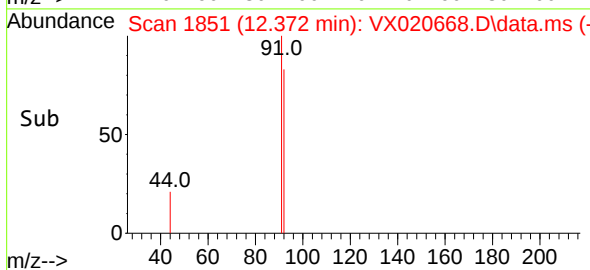
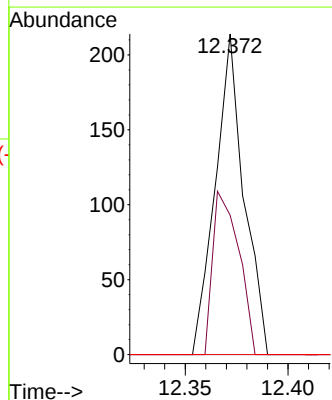
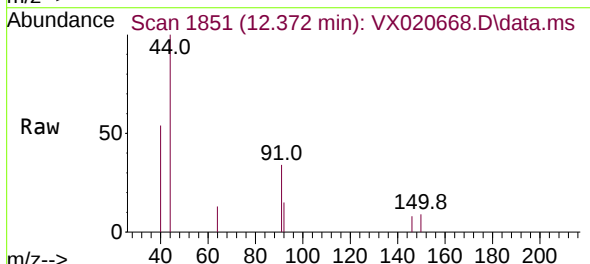
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

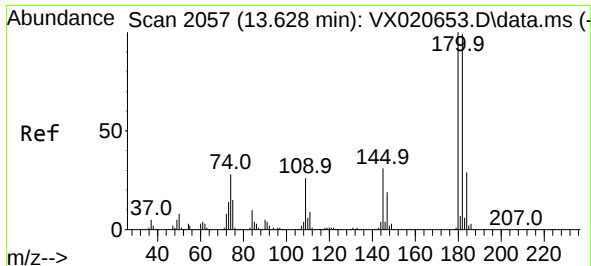
Tgt Ion:	119	Resp:	180
Ion	Ratio	Lower	Upper
119	100		
134	120.0	12.9	38.7#
91	295.0	11.7	35.0#



#89
n-Butylbenzene
Concen: 1.45 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion:	91	Resp:	207
Ion	Ratio	Lower	Upper
91	100		
92	46.4	27.4	82.0
134	0.0	13.2	39.5#

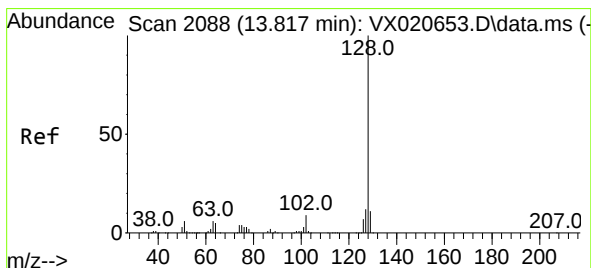
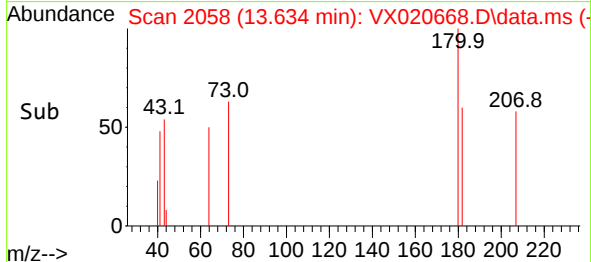
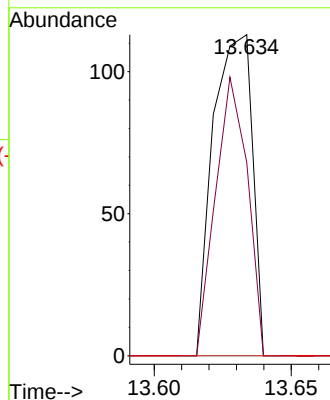
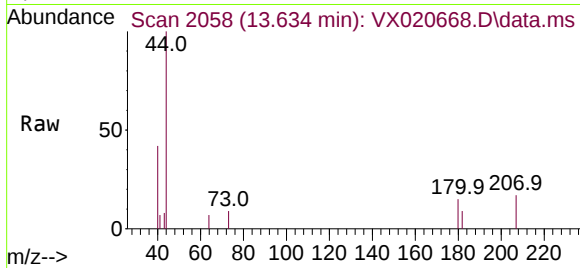




#93
1,2,4-Trichlorobenzene
Concen: 2.27 ug/l
RT: 13.634 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:180 Resp: 112
Ion Ratio Lower Upper
180 100
182 70.5 47.7 143.1
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020668.D
Acq: 19 Jan 2021 18:49

Tgt Ion:128 Resp: 267
Ion Ratio Lower Upper
128 100
127 7.9 10.3 15.5#
129 0.0 8.8 13.2#

