

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021361.D
 Acq On : 21 May 2021 16:09
 Operator : SY/MD
 Sample : M2494-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

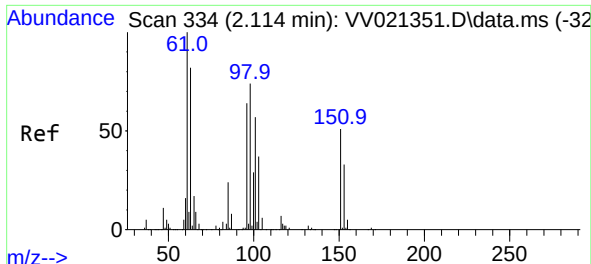
Instrument :
 MSVOA_V
 ClientSampleId :
 GB418

Quant Time: May 22 01:40:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	293023	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	271917	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	146141	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79224	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.564	69	66397	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.111	63	256590	8.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	160.40%#
20) 2-Butanone-d5	3.908	46	233788	45.77	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.54%
24) Chloroform-d	4.352	84	166949	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.037	65	82620	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.053	84	346576	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.072	67	109009	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.320	98	323593	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloroprop...	7.625	79	45824	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.092	63	154674	41.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.56%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	61888	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	132980	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	320299	19.81	ug/L #	84
13) Acetone	2.198	43	6668	2.41	ug/L	74
18) trans-1,2-Dichloroethene	2.761	96	2878	0.15	ug/L	97
19) 1,1-Dichloroethane	3.191	63	292915	8.42	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	21870	1.01	ug/L	95
27) 1,2-Dichloroethane	5.146	62	7221	0.36	ug/L	96
34) Trichloroethene	5.915	95	256741	11.07	ug/L	99
47) Tetrachloroethene	7.982	164	2639	0.14	ug/L	94
48) 2-Hexanone	8.143	43	41820	4.85	ug/L #	85

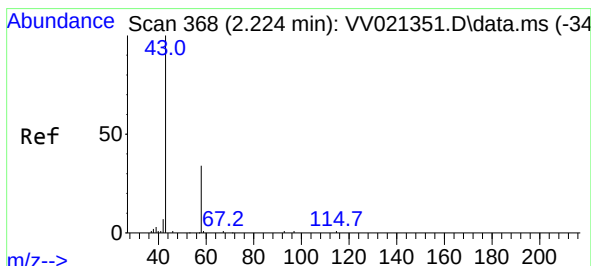
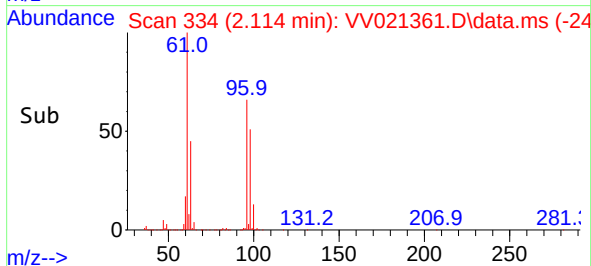
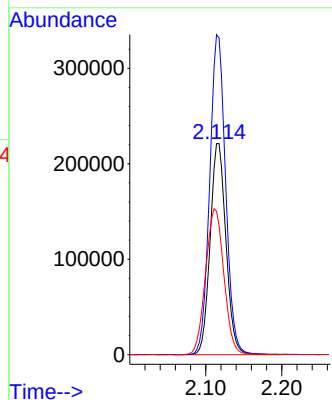
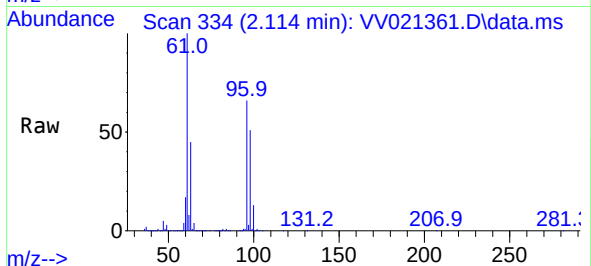
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 19.81 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021361.D
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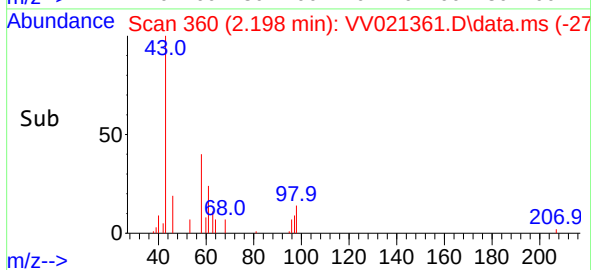
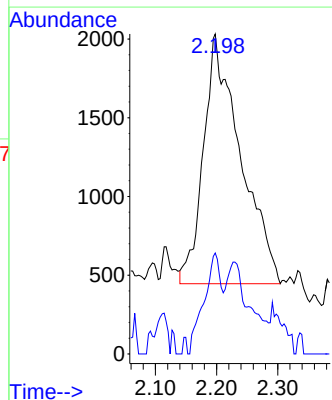
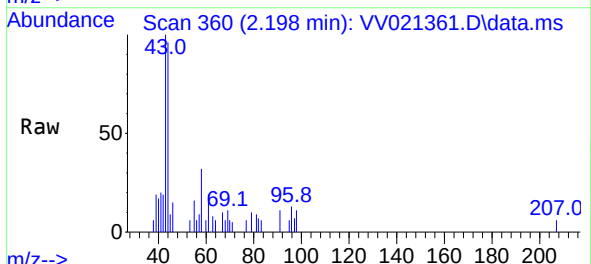
Instrument :
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ClientSampleId :
GB418

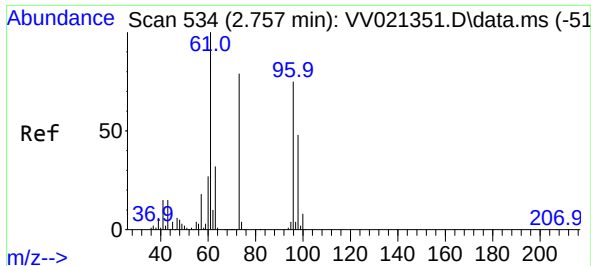
Tgt Ion: 96 Resp: 320299
Ion Ratio Lower Upper
96 100
61 151.6 109.8 204.0
63 67.9 71.3 132.3#



#13
Acetone
Concen: 2.41 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.026 min
Lab File: VV021361.D
Acq: 21 May 2021 16:09

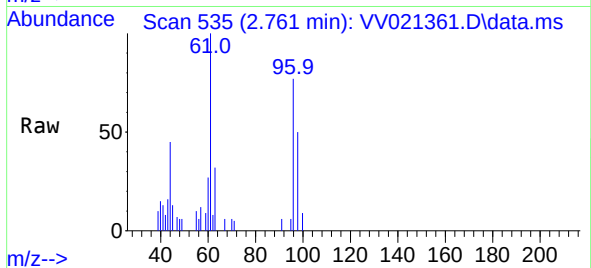
Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
58 18.9 0.0 67.4



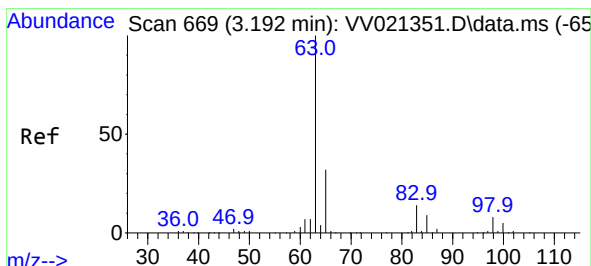
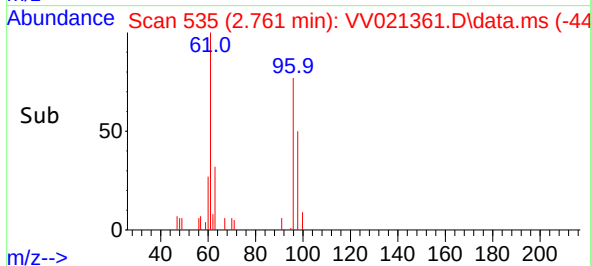
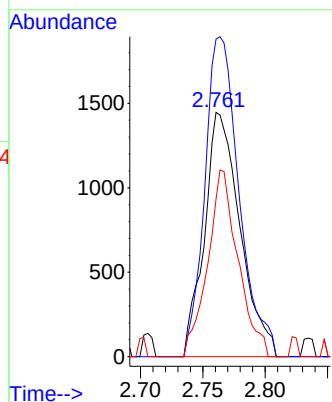


#18
trans-1,2-Dichloroethene
Concen: 0.15 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021361.D
Acq: 21 May 2021 16:09

Instrument :
MSVOA_V
ClientSampleId :
GB418

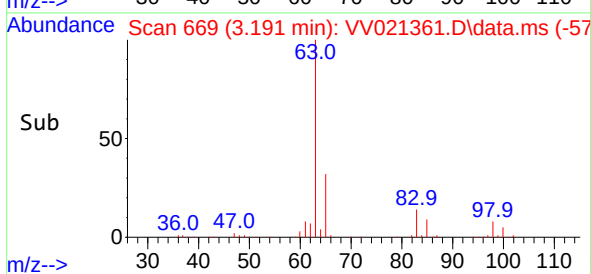
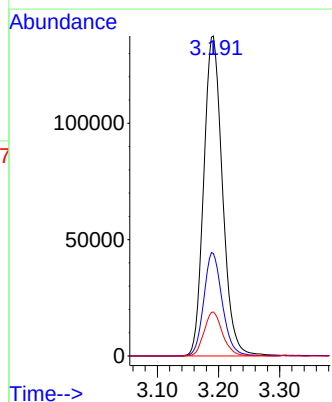
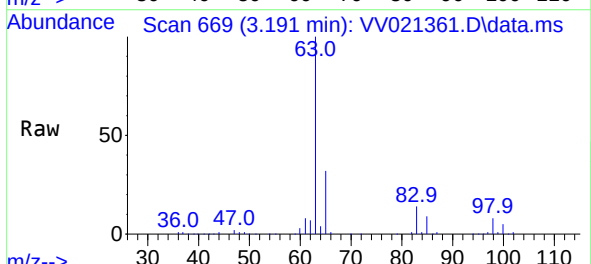


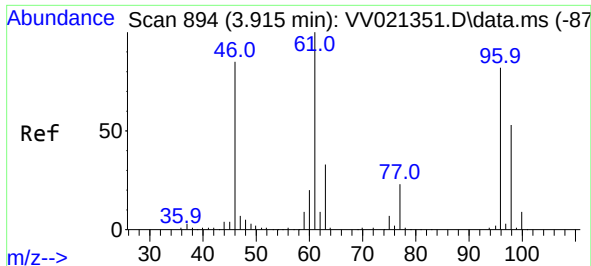
Tgt Ion: 96 Resp: 2878
Ion Ratio Lower Upper
96 100
61 130.0 94.1 174.8
98 64.5 45.0 83.6



#19
1,1-Dichloroethane
Concen: 8.42 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021361.D
Acq: 21 May 2021 16:09

Tgt Ion: 63 Resp: 292915
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.5
83 13.7 9.7 17.9

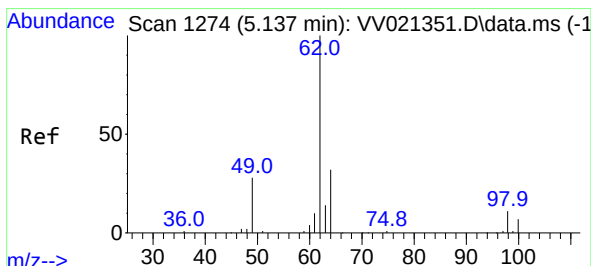
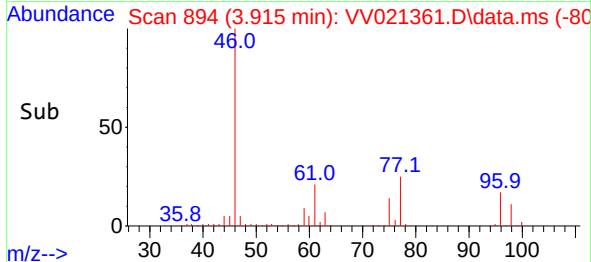
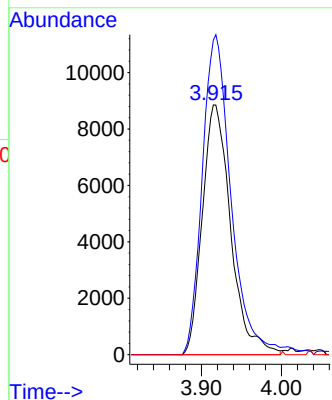
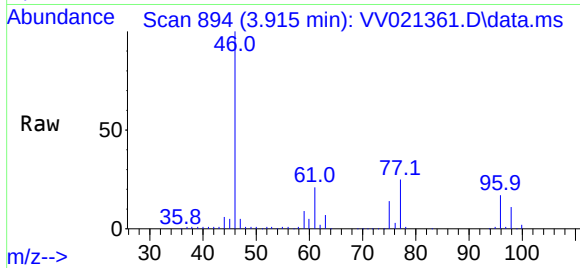




#22
cis-1,2-Dichloroethene
Concen: 1.01 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021361.D
Acq: 21 May 2021 16:09

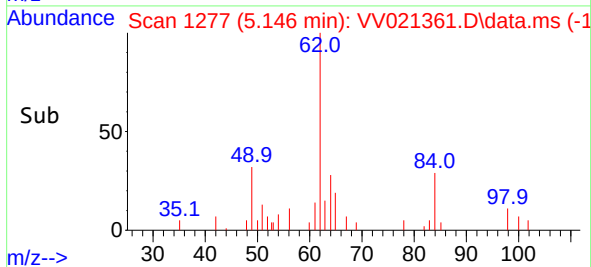
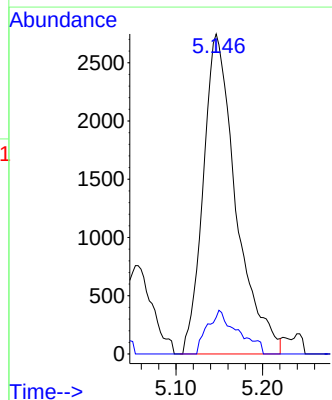
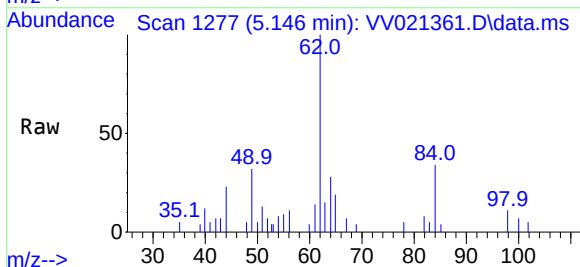
Instrument :
MSVOA_V
ClientSampleId :
GB418

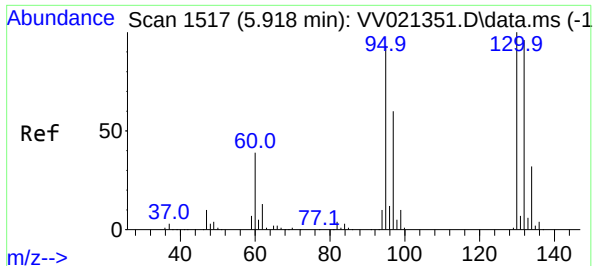
Tgt Ion: 96 Resp: 21870
Ion Ratio Lower Upper
96 100
61 125.9 84.6 157.2
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.36 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.010 min
Lab File: VV021361.D
Acq: 21 May 2021 16:09

Tgt Ion: 62 Resp: 7221
Ion Ratio Lower Upper
62 100
98 11.5 8.0 12.0





#34

Trichloroethene

Concen: 11.07 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV021361.D

Acq: 21 May 2021 16:09

Tgt Ion: 95 Resp: 256741

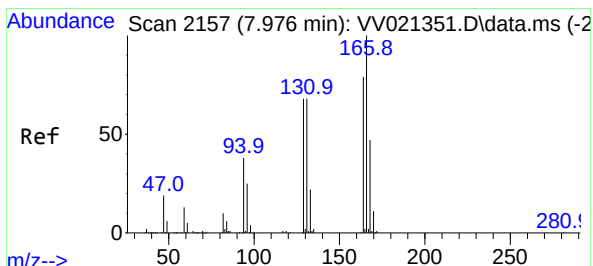
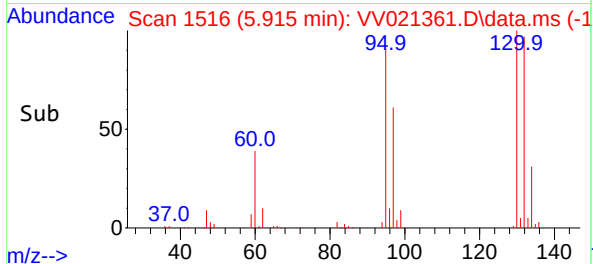
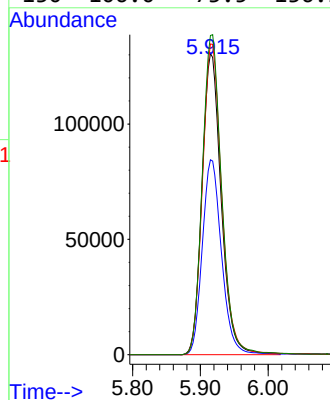
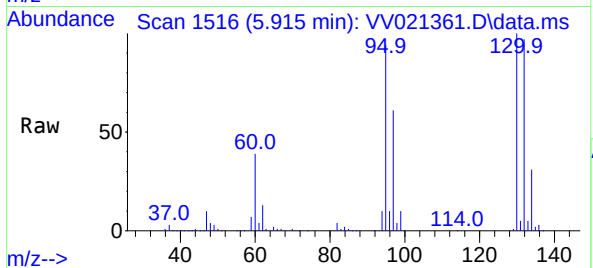
Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.9

132 103.1 71.5 132.9

130 106.0 73.5 136.5



#47

Tetrachloroethene

Concen: 0.14 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV021361.D

Acq: 21 May 2021 16:09

Tgt Ion: 164 Resp: 2639

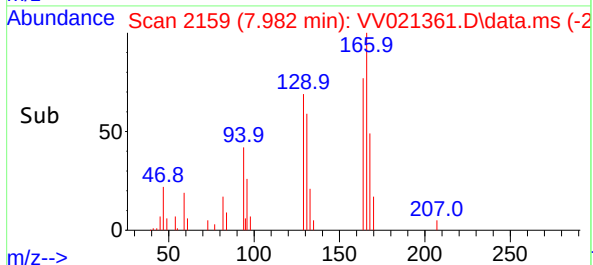
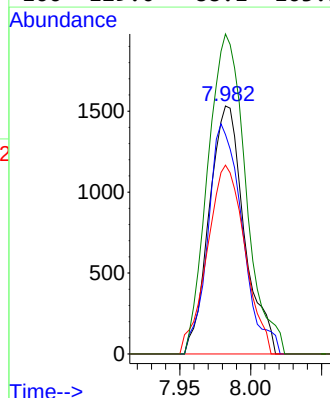
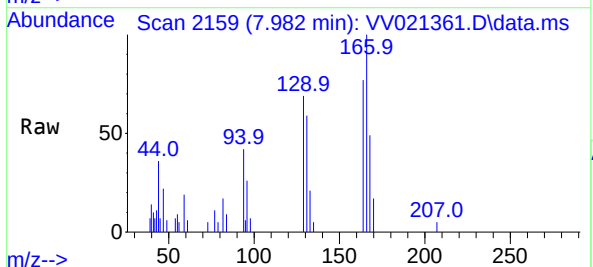
Ion Ratio Lower Upper

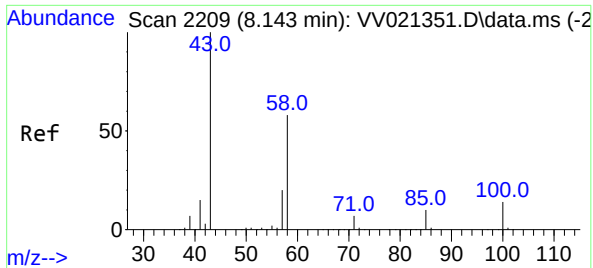
164 100

129 88.4 65.0 120.6

131 76.2 61.8 114.8

166 129.0 88.1 163.5





#48
2-Hexanone
Concen: 4.85 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021361.D
Acq: 21 May 2021 16:09

Instrument :
MSVOA_V
ClientSampled :
GB418

Tgt Ion: 43 Resp: 41820

Ion	Ratio	Lower	Upper
43	100		
58	46.4	47.8	71.8#
57	16.1	16.6	24.8#
100	10.0	11.5	17.3#

