

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
 Data File : VV020508.D
 Acq On : 10 Mar 2021 20:15
 Operator : SY/MD
 Sample : M1632-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B41

Quant Time: Mar 11 00:53:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 00:50:19 2021
 Response via : Initial Calibration

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

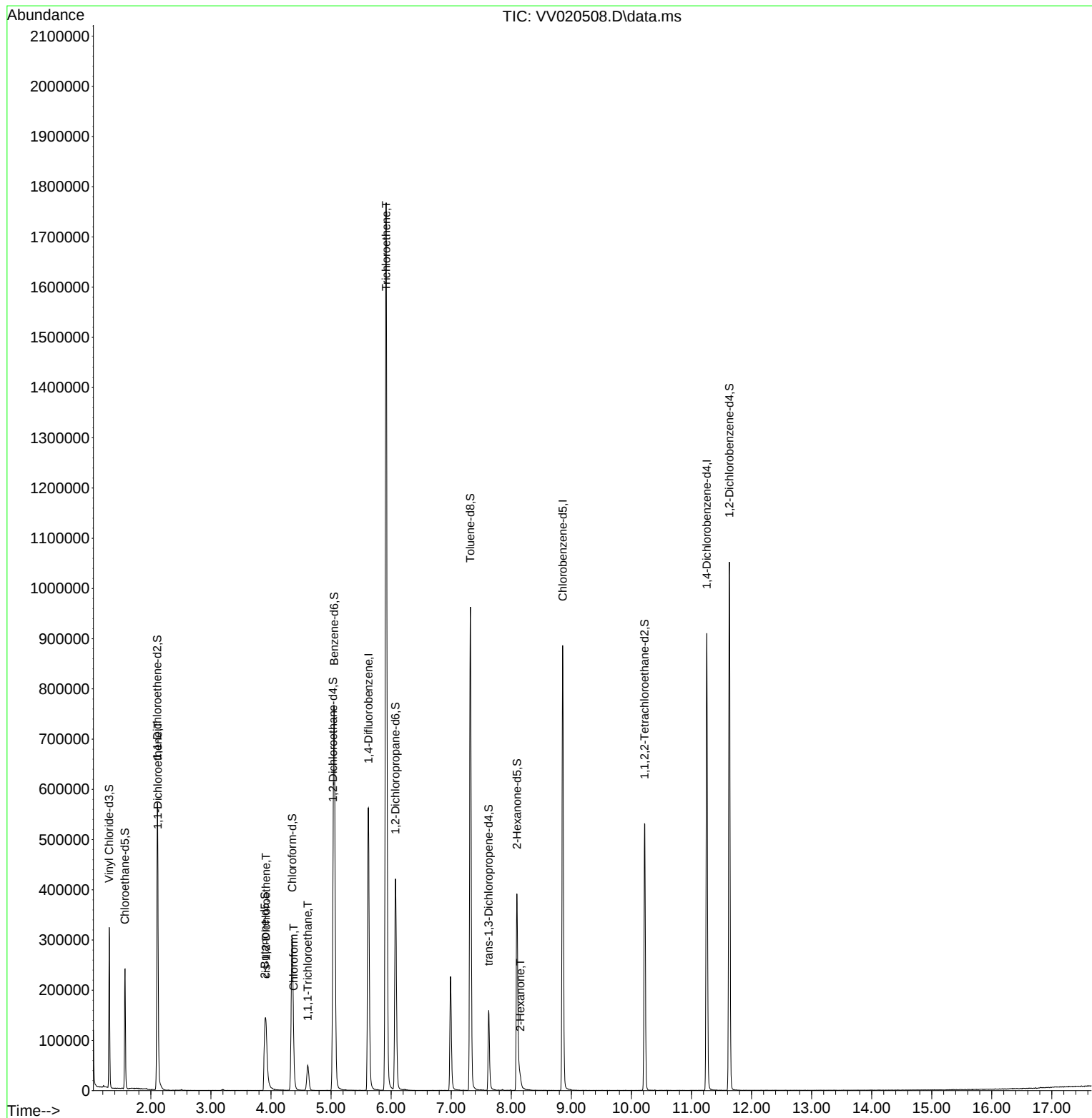
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	526587	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	517807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	255301	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	201175	52.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.24%
7) Chloroethane-d5	1.568	69	157138	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.14%
11) 1,1-Dichloroethene-d2	2.108	63	273305	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
21) 2-Butanone-d5	3.899	46	201384	103.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	4.352	84	328843	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
26) 1,2-Dichloroethane-d4	5.034	65	213377	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
32) Benzene-d6	5.053	84	702715	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.072	67	207100	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.320	98	660415	52.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.56%
43) trans-1,3-Dichloroprop...	7.625	79	93952	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.96%
47) 2-Hexanone-d5	8.095	63	136980	97.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.00%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	247096	47.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.48%
64) 1,2-Dichlorobenzene-d4	11.632	152	294345	58.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.78%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	39149	11.52	ug/L	# 1
20) cis-1,2-Dichloroethene	3.918	96	38294	10.32	ug/L	79
25) Chloroform	4.378	83	13849	2.10	ug/L	93
30) 1,1,1-Trichloroethane	4.613	97	43037	7.64	ug/L	# 92
34) Trichloroethene	5.918	95	603092	149.11	ug/L	87
48) 2-Hexanone	8.153	43	13171	4.32	ug/L	# 78

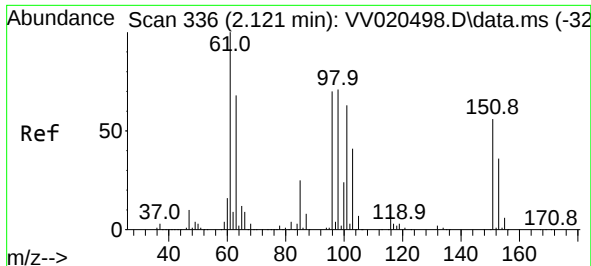
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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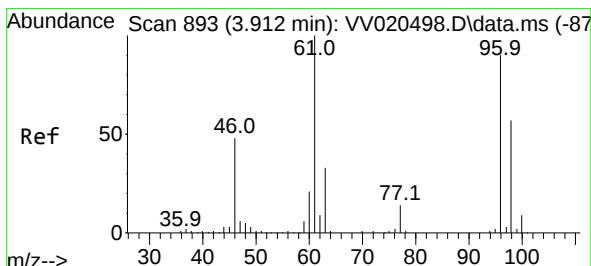
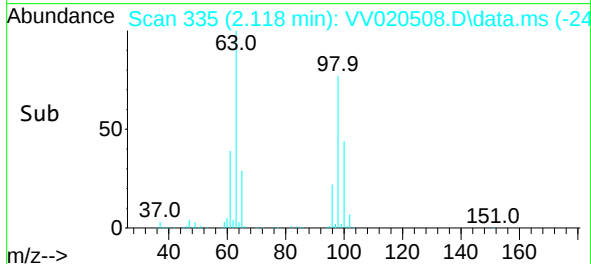
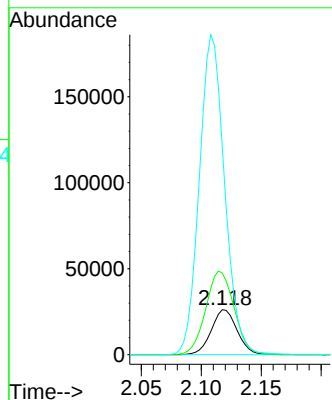
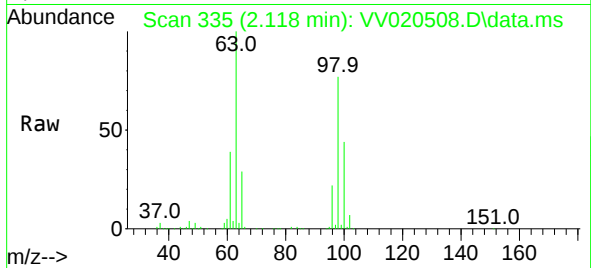




#12
 1,1-Dichloroethene
 Concen: 11.52 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020508.D
 Acq: 10 Mar 2021 20:15

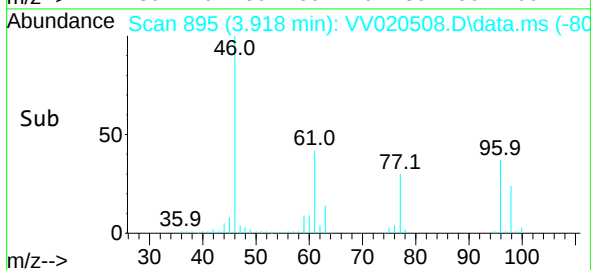
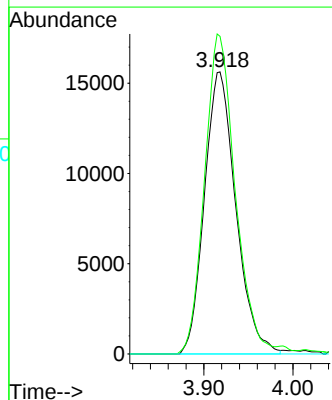
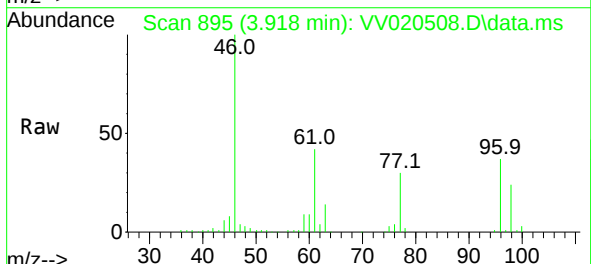
Instrument :
 MSVOA_V
 ClientSampled :
 C0B41

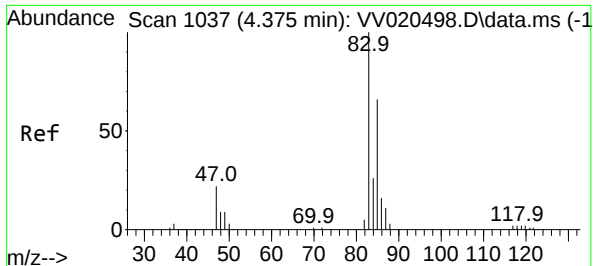
Tgt Ion: 96 Resp: 39149
 Ion Ratio Lower Upper
 96 100
 61 181.9 134.9 250.5
 63 463.5 117.6 218.4#



#20
 cis-1,2-Dichloroethene
 Concen: 10.32 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.007 min
 Lab File: VV020508.D
 Acq: 10 Mar 2021 20:15

Tgt Ion: 96 Resp: 38294
 Ion Ratio Lower Upper
 96 100
 61 112.6 96.9 179.9
 68 0.0 0.0 0.0

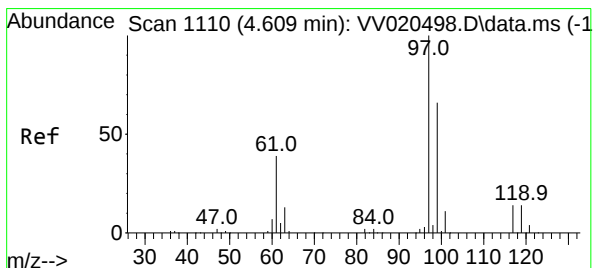
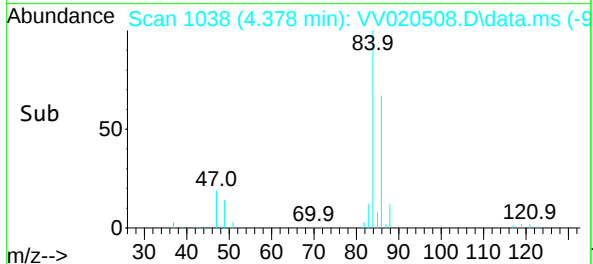
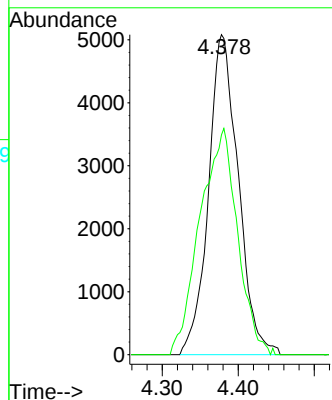
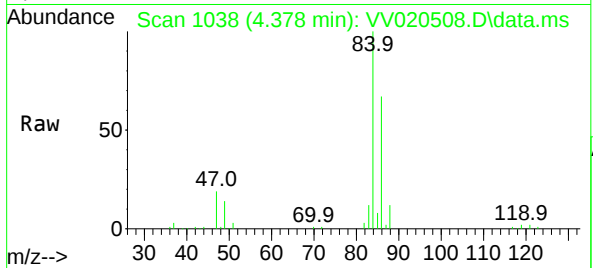




#25
Chloroform
Concen: 2.10 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020508.D
Acq: 10 Mar 2021 20:15

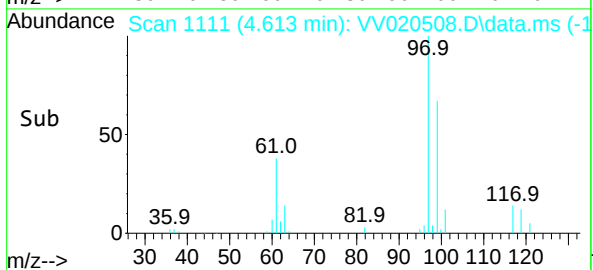
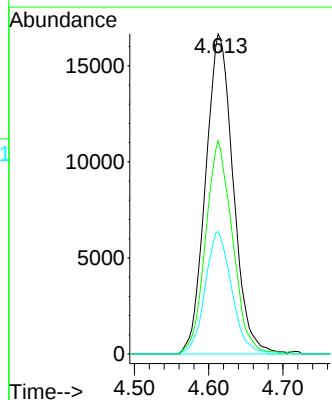
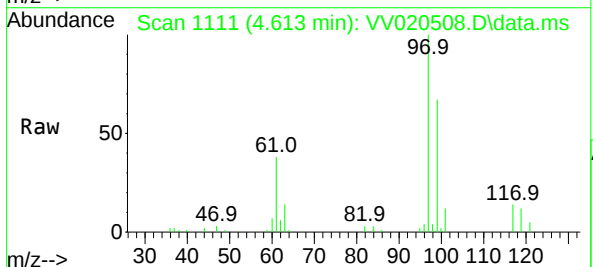
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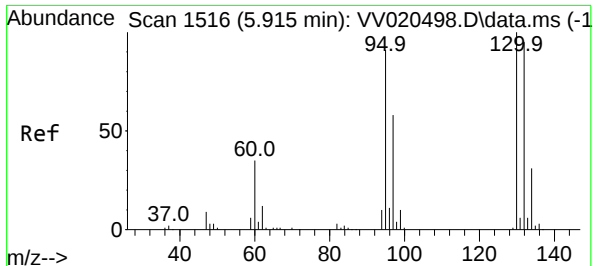
Tgt Ion: 83 Resp: 13849
Ion Ratio Lower Upper
83 100
85 68.7 44.2 82.2



#30
1,1,1-Trichloroethane
Concen: 7.64 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020508.D
Acq: 10 Mar 2021 20:15

Tgt Ion: 97 Resp: 43037
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 36.6 38.5 57.7#



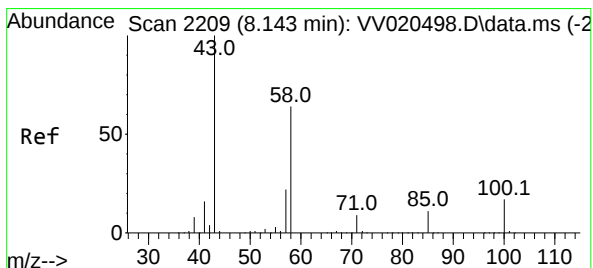
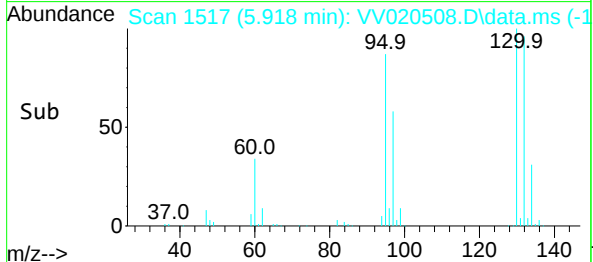
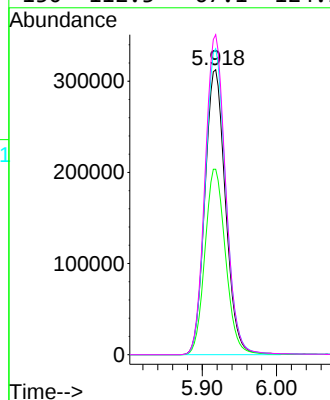
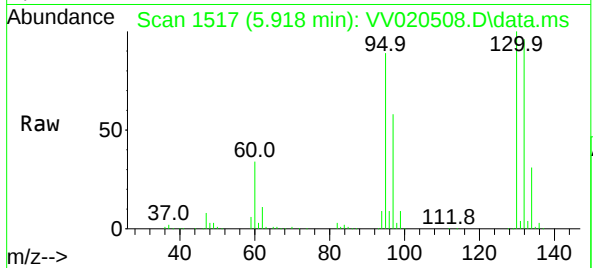


#34
Trichloroethene
Concen: 149.11 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020508.D
Acq: 10 Mar 2021 20:15

Instrument :
MSVOA_V
ClientSampled :
C0B41

Tgt Ion: 95 Resp: 603092

Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.5	82.7
132	107.4	63.4	117.8
130	112.3	67.1	124.5



#48
2-Hexanone
Concen: 4.32 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.010 min
Lab File: VV020508.D
Acq: 10 Mar 2021 20:15

Tgt Ion: 43 Resp: 13171

Ion	Ratio	Lower	Upper
43	100		
58	36.7	41.8	62.6#
57	3.9	15.0	22.4#
100	8.8	8.9	13.3#

