

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017255.D
 Acq On : 16 Nov 2020 14:33
 Operator : SY/VA
 Sample : L4739-11
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z8

Quant Time: Nov 17 06:10:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	436618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195754	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95474	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
7) Chloroethane-d5	2.89	69	83964	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.24%
10) 1,1-Dichloroethene-d2	4.02	63	144984	14.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	7.08	46	55128	44.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.66%
24) Chloroform-d	7.65	84	226762	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	8.31	65	124894	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.60%
29) Benzene-d6	8.27	84	436317	21.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.08%
33) 1,2-Dichloropropane-d6	9.27	67	125191	21.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.24%
37) Toluene-d8	10.32	98	419414	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.72%
38) trans-1,3-Dichloropropene-	10.58	79	56446	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.24%
39) 2-Hexanone-d5	10.93	63	46905	46.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116297	23.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	160170	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

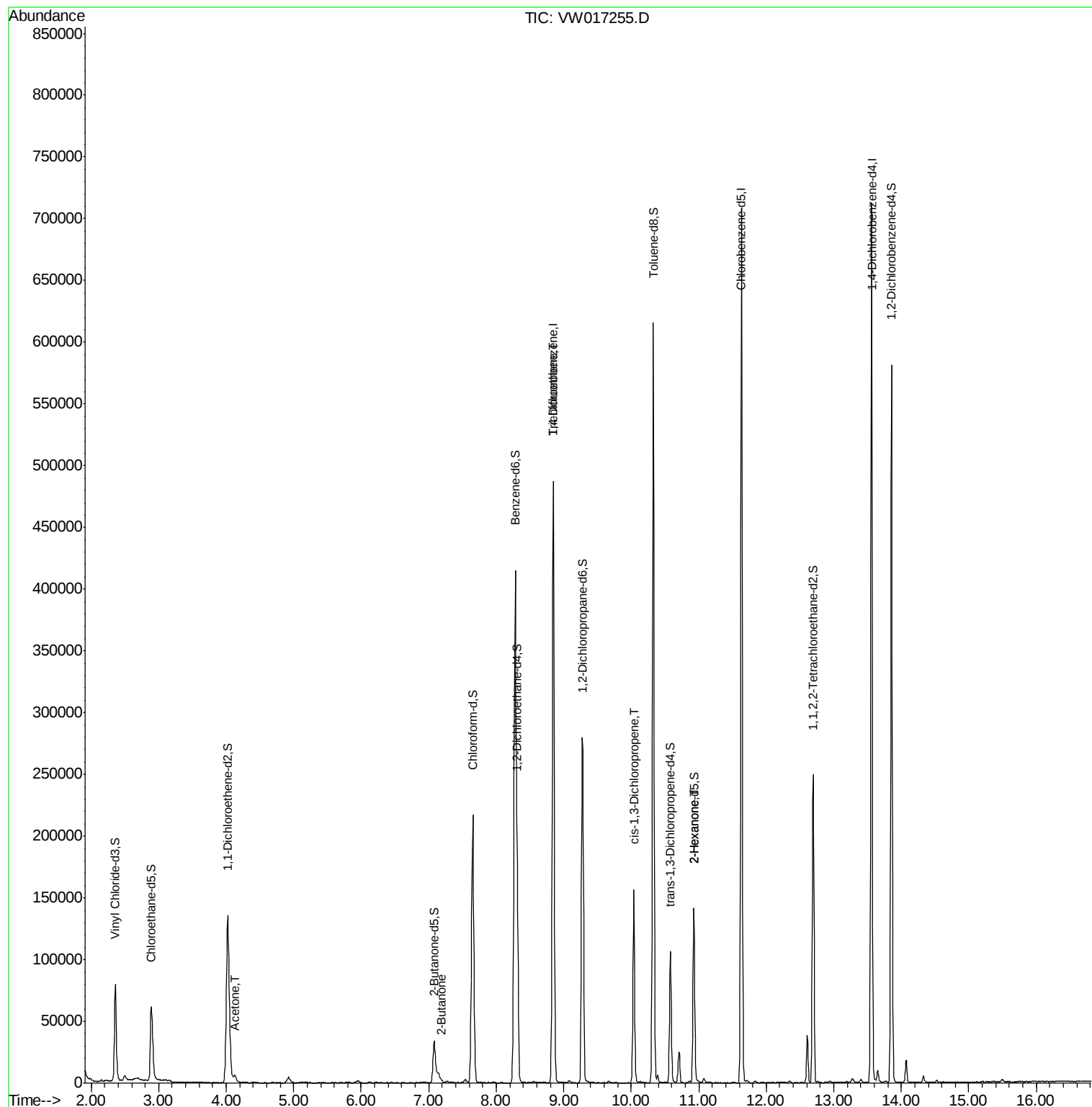
					Ovalue
13) Acetone	4.13	43	9532	11.576 ug/L	66
21) 2-Butanone	7.19	43	865	0.654 ug/L	71
35) Trichloroethene	8.85	95	13058	2.178 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4451	0.562 ug/L #	63
49) 2-Hexanone	10.93	43	5818	3.126 ug/L #	63

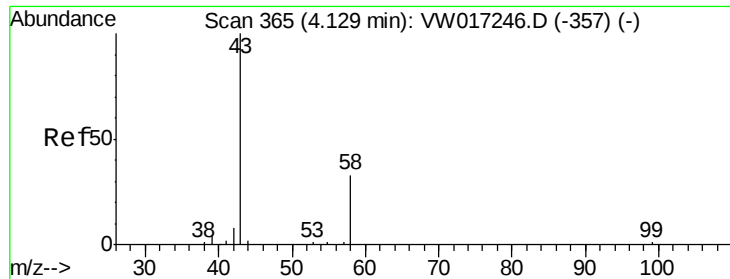
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.576 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017255.D

Acq: 16 Nov 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

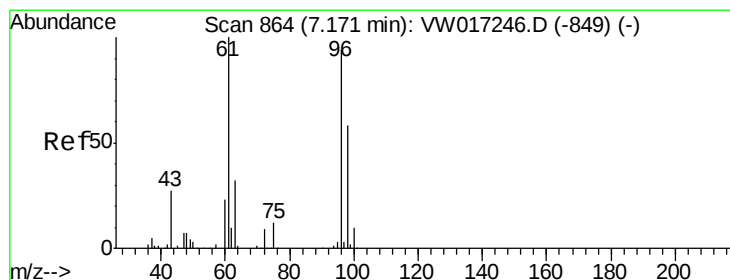
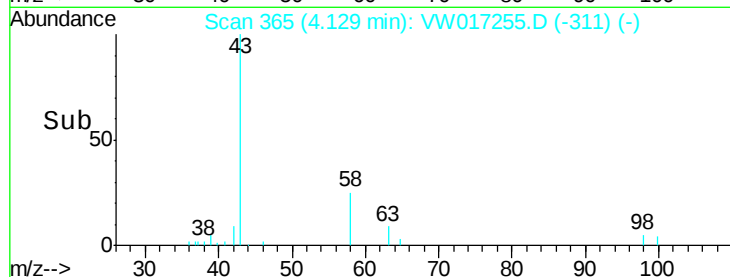
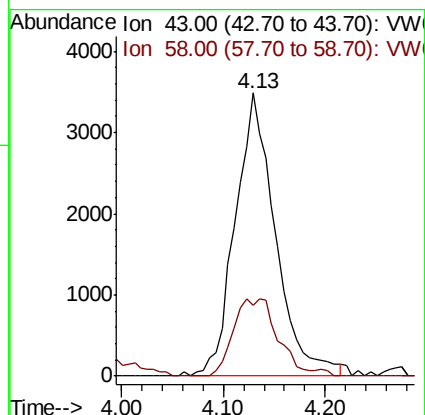
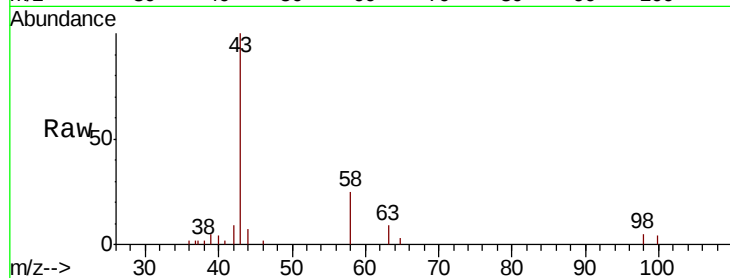
GB0Z8

Tot Ion: 43 Resp: 9532

Ion Ratio Lower Upper

43 100

58 14.9 0.0 69.2



#21

2-Butanone

Concen: 0.654 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW017255.D

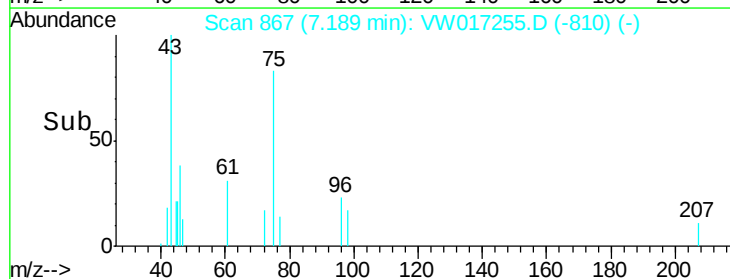
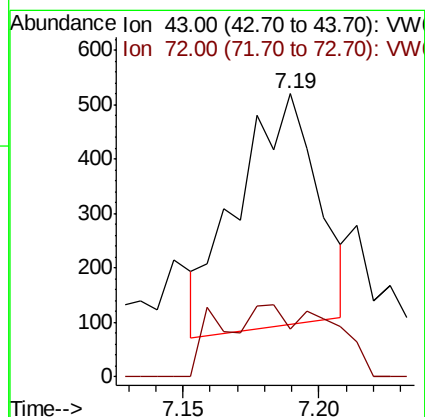
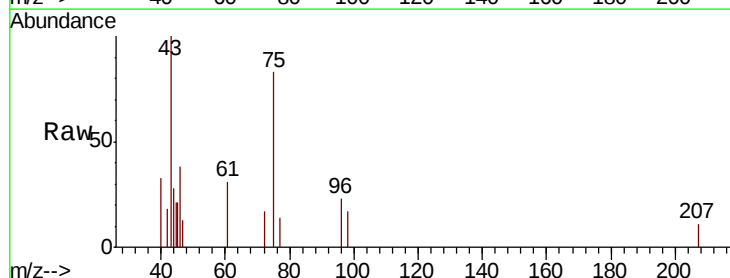
Acq: 16 Nov 2020 14:33

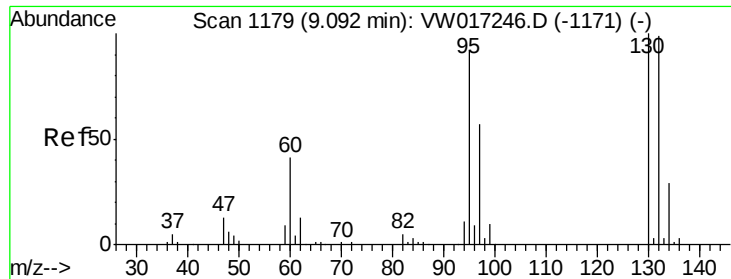
Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

72 16.2 16.1 48.3





#35

Trichloroethene

Concen: 2.178 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017255.D

Acq: 16 Nov 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

GB0Z8

Tot Ion: 95 Resp: 13058

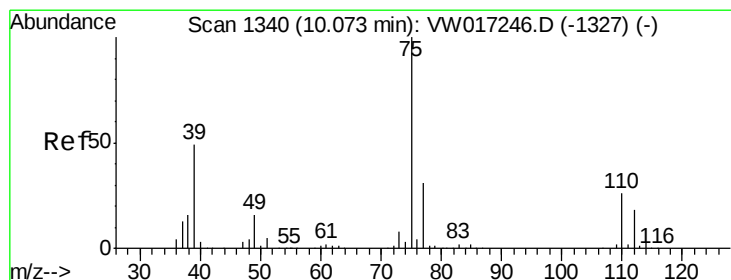
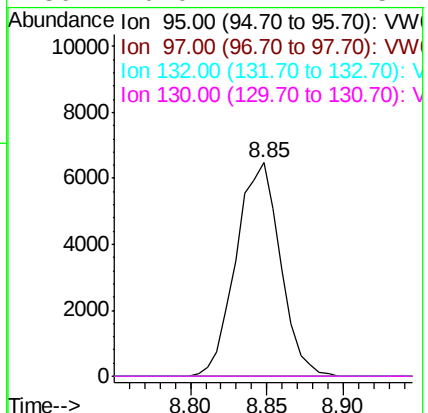
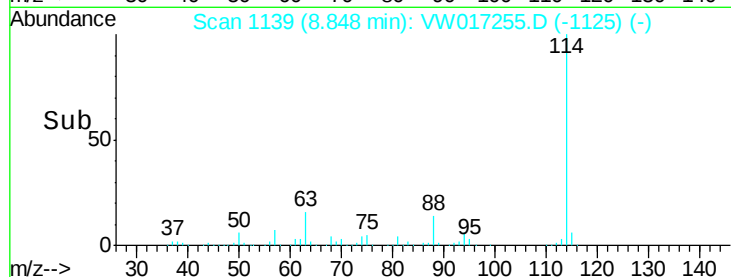
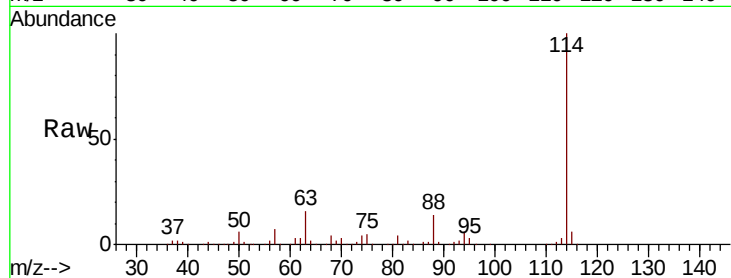
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#



#42

cis-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017255.D

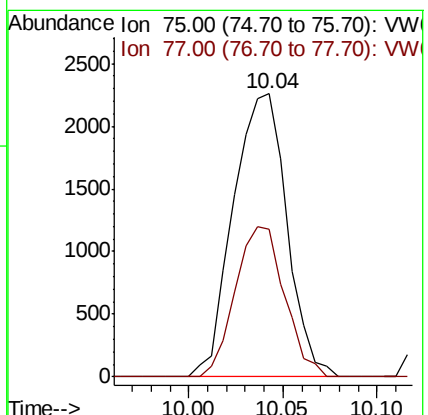
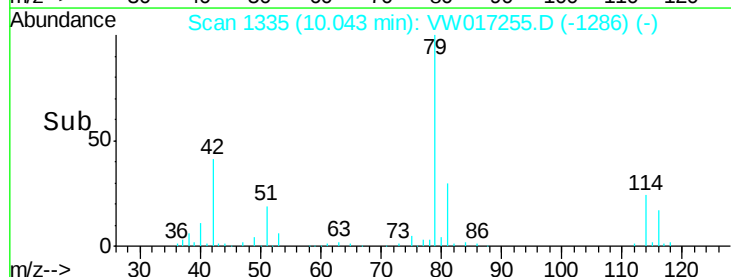
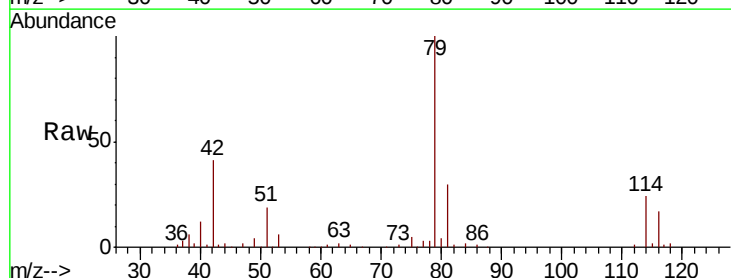
Acq: 16 Nov 2020 14:33

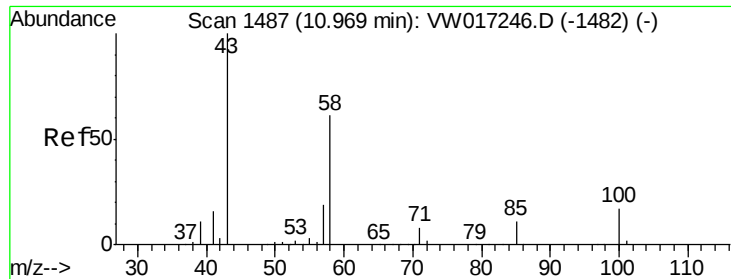
Tgt Ion: 75 Resp: 4451

Ion Ratio Lower Upper

75 100

77 52.0 22.0 41.0#





#49

2-Hexanone

Concen: 3.126 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017255.D

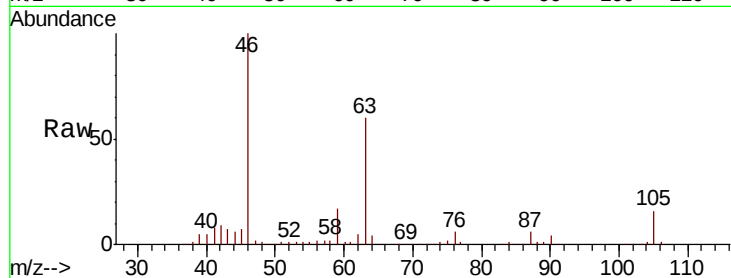
Acq: 16 Nov 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

GB0Z8



Tot Ion:	43	Resp:	5818
Ion	Ratio	Lower	Upper
43	100		
58	27.0	50.6	75.8#
57	26.8	17.8	26.6#
100	0.9	13.9	20.9#

