

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009480.D
 Acq On : 26 Mar 2019 23:11
 Operator : SY/VA
 Sample : K2065-14
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:07:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	258444	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	221866	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	75774	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	57471	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
7) Chloroethane-d5	2.89	69	66570	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.68%
10) 1,1-Dichloroethene-d2	4.01	63	94618	14.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.68%
20) 2-Butanone-d5	7.08	46	30080	23.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.10%
24) Chloroform-d	7.64	84	163559	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.31	65	107453	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.16%
29) Benzene-d6	8.27	84	270675	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	9.27	67	92064	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.32	98	206603	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.04%
38) trans-1,3-Dichloropropene-	10.58	79	24403	13.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.88%
39) 2-Hexanone-d5	10.93	63	20366	22.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91285	25.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	58058	19.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.92%

Target Compounds

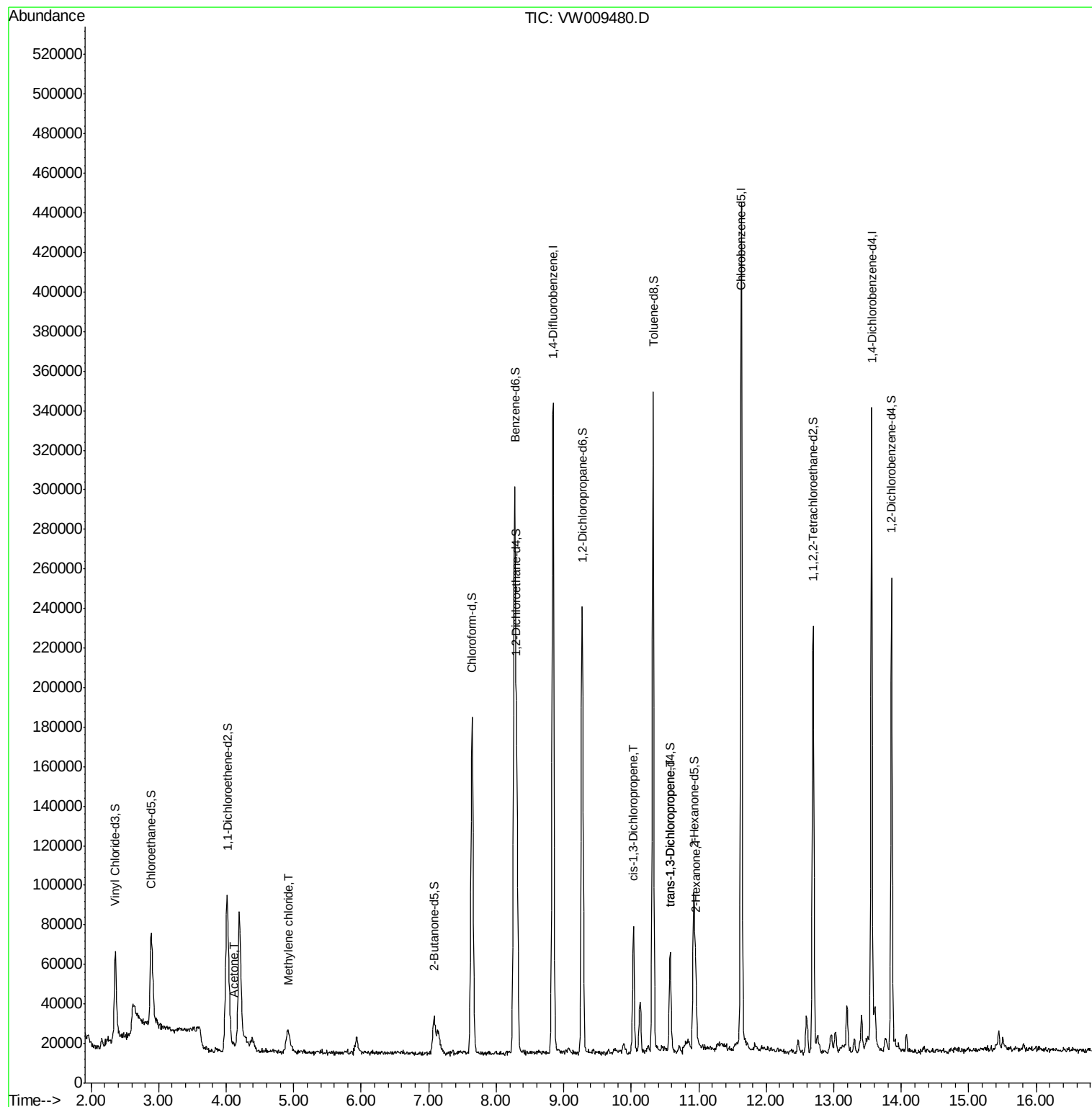
					Ovalue
13) Acetone	4.11	43	3890	3.714 ug/L	96
16) Methylene chloride	4.92	84	4828	1.281 ug/L	82
42) cis-1,3-Dichloropropene	10.03	75	2040	0.402 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	1532	0.347 ug/L	93
49) 2-Hexanone	10.96	43	26522	13.336 ug/L #	52

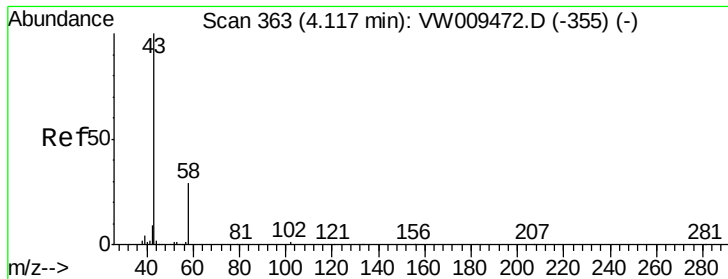
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.714 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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Acq: 26 Mar 2019 23:11

Instrument :

MSVOA_W

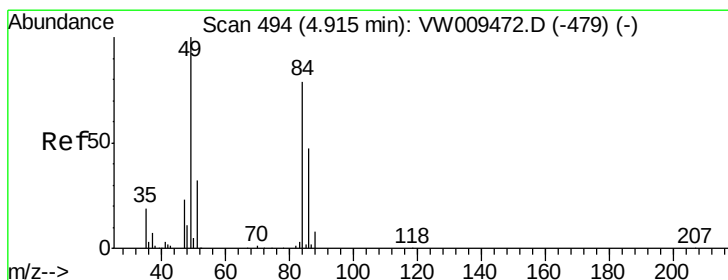
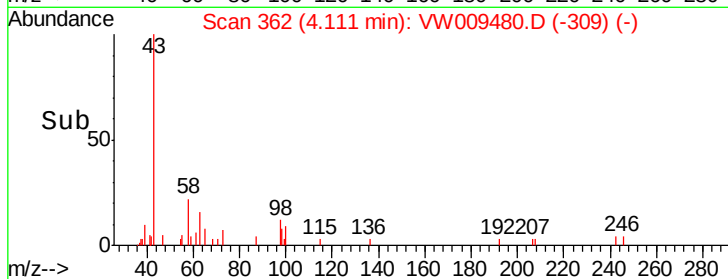
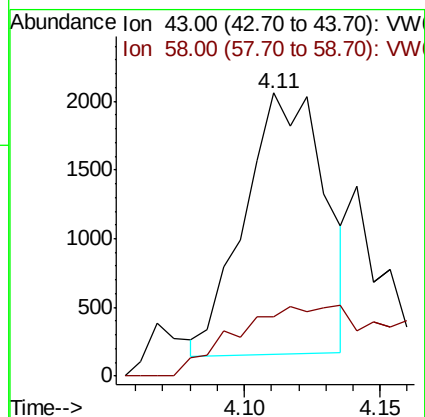
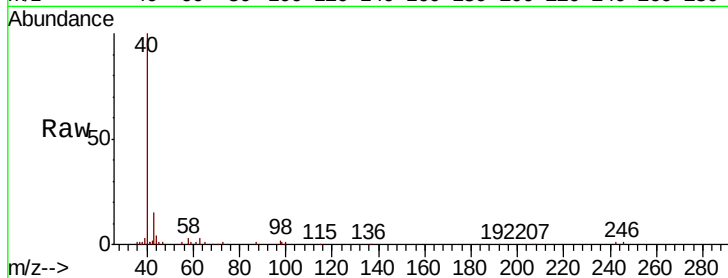
ClientSampled :

Tot Ion: 43 Resp: 3890

Ion Ratio Lower Upper

43 100

58 25.7 0.0 56.2



#16

Methylene chloride

Concen: 1.281 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009480.D

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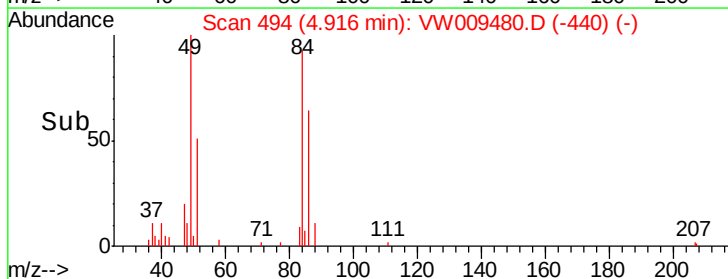
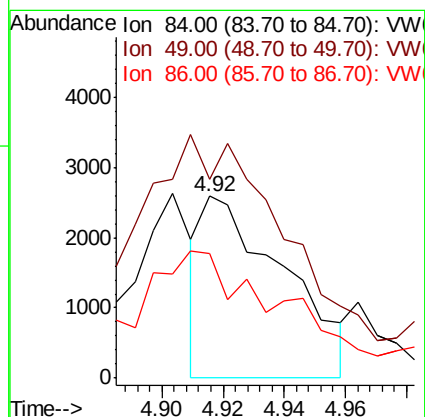
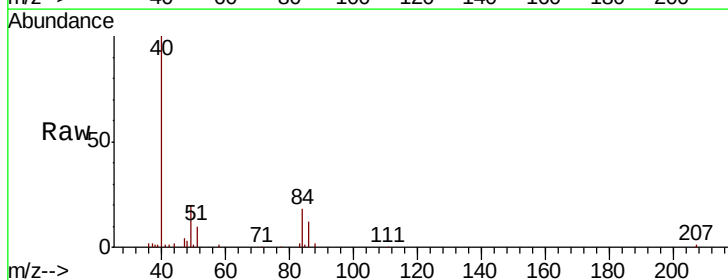
Tgt Ion: 84 Resp: 4828

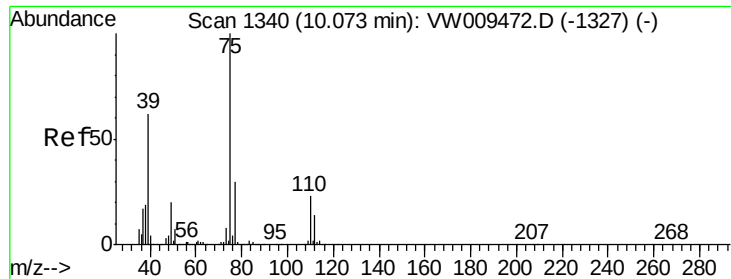
Ion Ratio Lower Upper

84 100

49 109.6 96.0 178.2

86 68.6 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.402 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009480.D

Acq: 26 Mar 2019 23:11

Instrument :

MSVOA_W

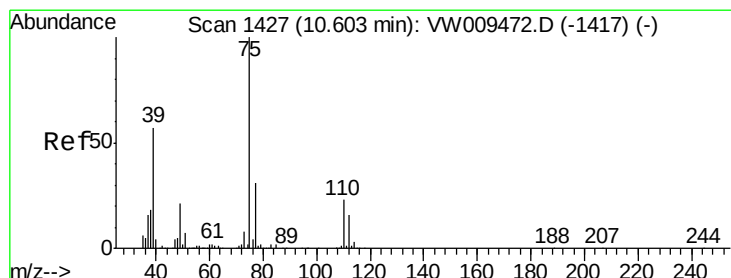
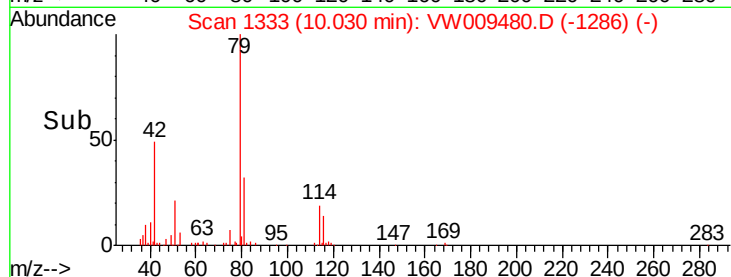
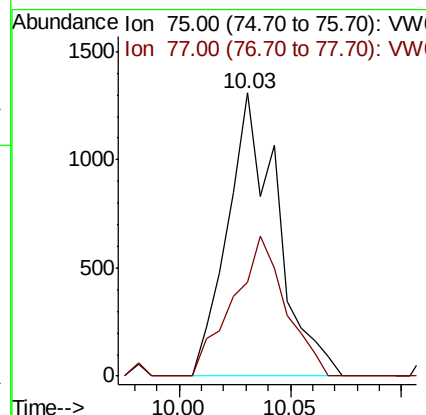
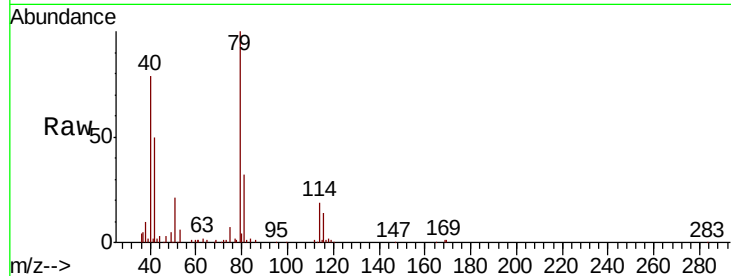
ClientSampled :

Tot Ion: 75 Resp: 2040

Ion Ratio Lower Upper

75 100

77 33.3 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.347 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009480.D

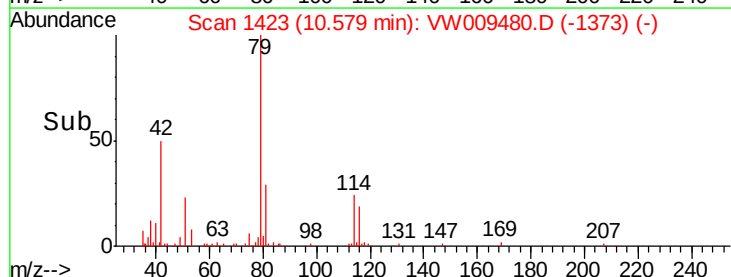
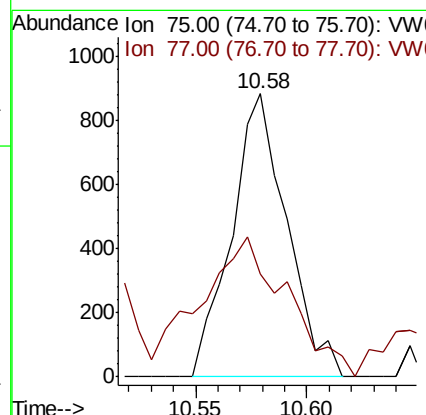
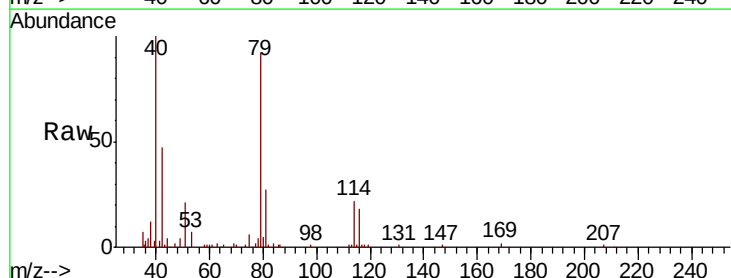
Acq: 26 Mar 2019 23:11

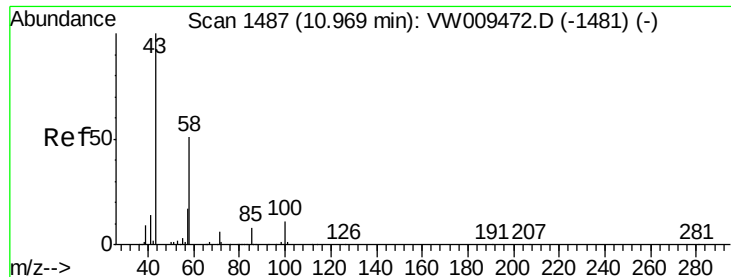
Tgt Ion: 75 Resp: 1532

Ion Ratio Lower Upper

75 100

77 36.2 22.5 41.7





#49

2-Hexanone

Concen: 13.336 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

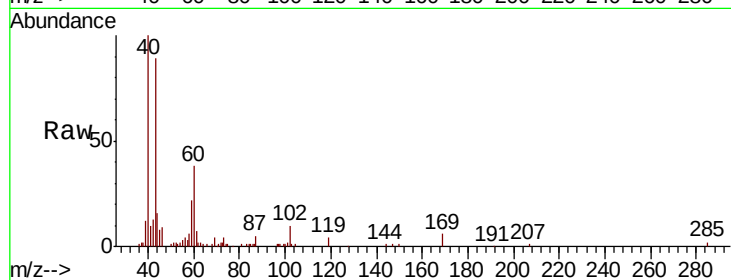
Lab File: VW009480.D

Acq: 26 Mar 2019 23:11

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	26522
Ion	Ratio	Lower	Upper
43	100		
58	7.7	39.2	58.8#
57	5.2	14.2	21.2#
100	1.5	8.9	13.3#

