

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009452.D
 Acq On : 26 Mar 2019 02:40
 Operator : SY/VA
 Sample : K2065-06
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:07:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120935	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85810	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
7) Chloroethane-d5	2.89	69	94923	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
10) 1,1-Dichloroethene-d2	4.01	63	141874	14.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.32%
20) 2-Butanone-d5	7.08	46	31740	17.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.68%
24) Chloroform-d	7.65	84	239081	23.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	8.30	65	144045	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.60%
29) Benzene-d6	8.27	84	416445	22.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.20%
33) 1,2-Dichloropropane-d6	9.27	67	136488	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	351911	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.36%
38) trans-1,3-Dichloropropene-	10.58	79	46856	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.04%
39) 2-Hexanone-d5	10.93	63	30270	22.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121598	22.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	108699	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds

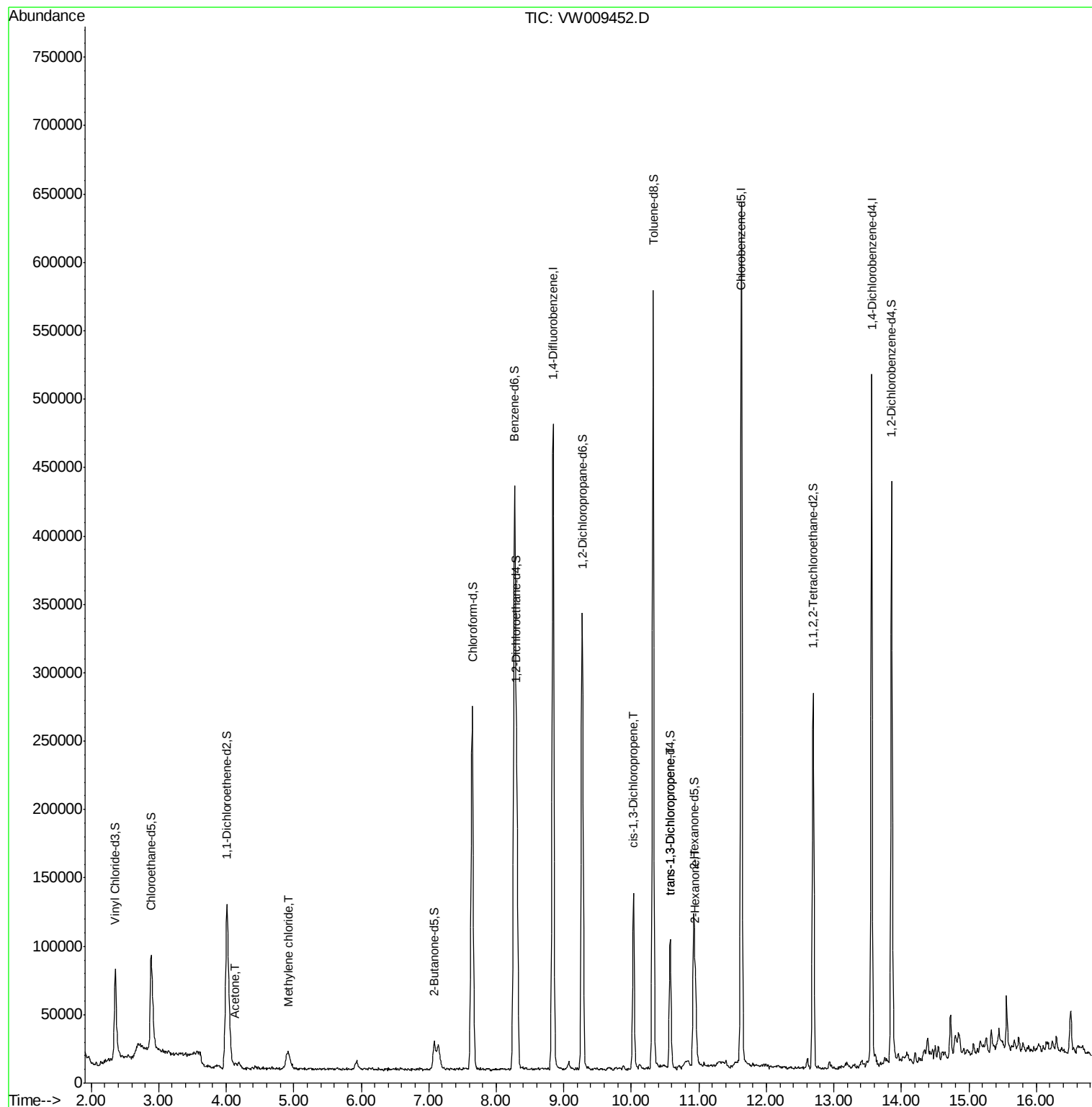
					Ovalue
13) Acetone	4.12	43	1445	0.963 ug/L	81
16) Methylene chloride	4.92	84	10672	1.976 ug/L	83
42) cis-1,3-Dichloropropene	10.03	75	3557	0.469 ug/L	89
45) trans-1,3-Dichloropropene	10.58	75	2567	0.389 ug/L	99
49) 2-Hexanone	10.95	43	34354	11.571 ug/L #	46

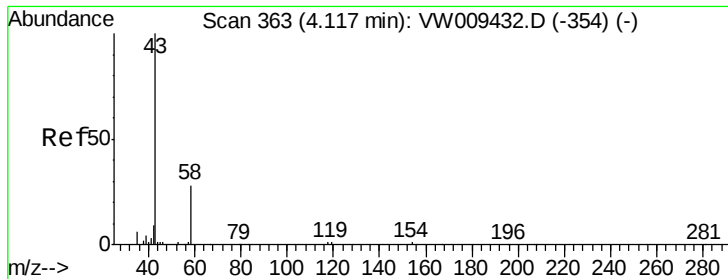
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration

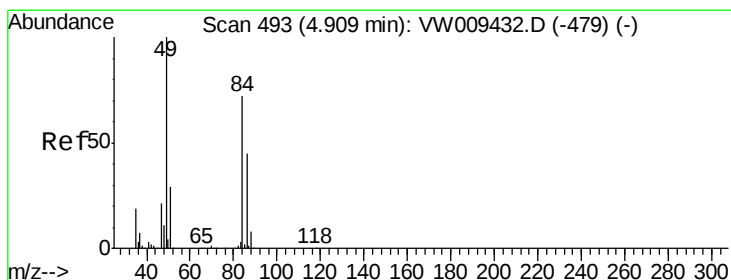
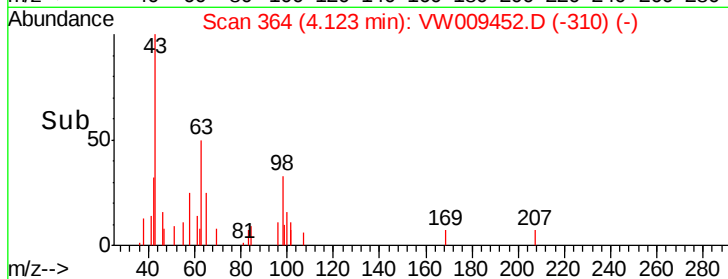
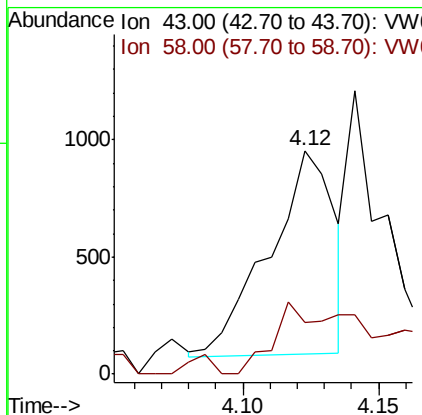
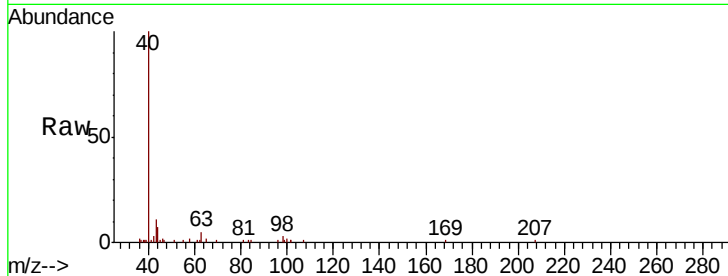




#13
Acetone
Concen: 0.963 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW009452.D
Acq: 26 Mar 2019 02:40

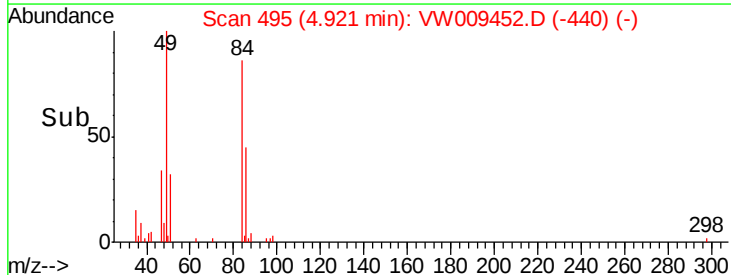
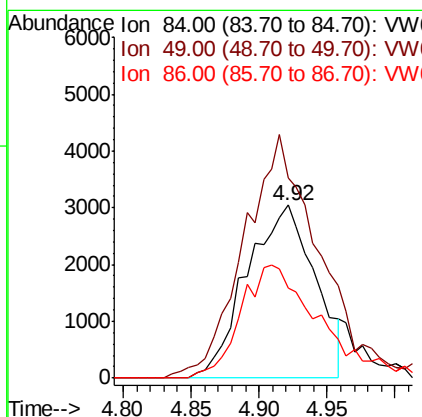
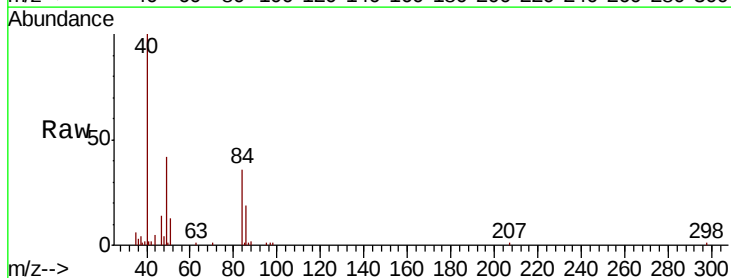
Instrument :
MSVOA_W
ClientSampled :

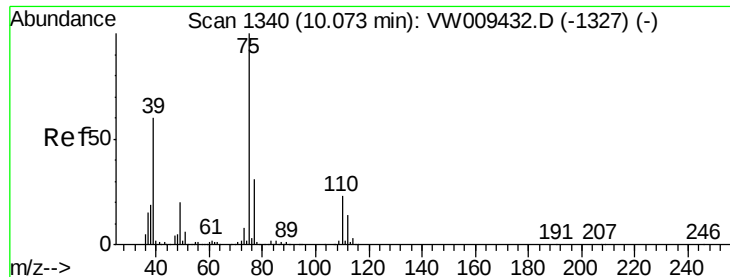
Tot Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
58 18.3 0.0 56.2



#16
Methylene chloride
Concen: 1.976 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009452.D
Acq: 26 Mar 2019 02:40

Tgt Ion: 84 Resp: 10672
Ion Ratio Lower Upper
84 100
49 116.0 96.0 178.2
86 51.9 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.469 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009452.D

Acq: 26 Mar 2019 02:40

Instrument :

MSVOA_W

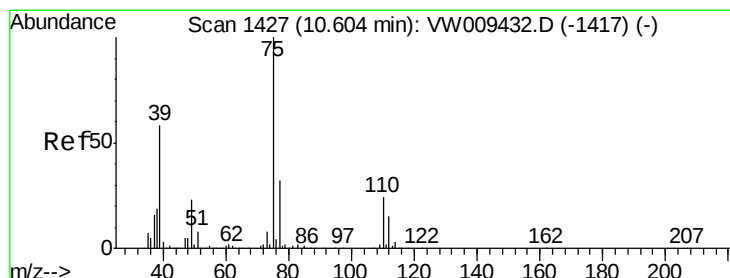
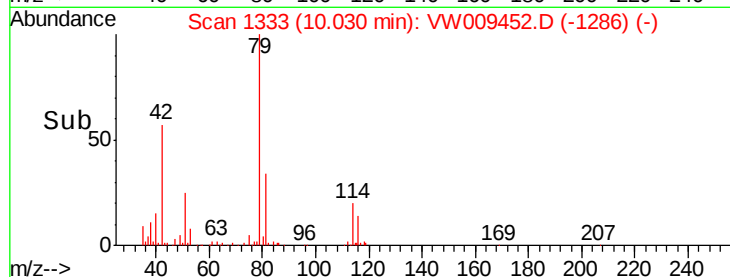
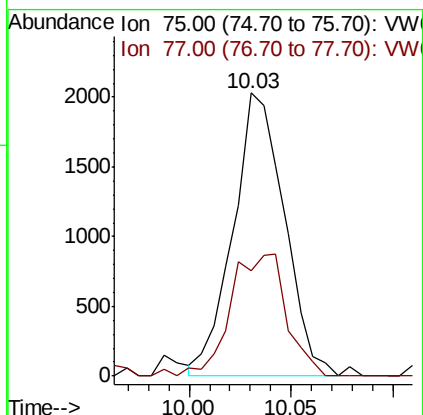
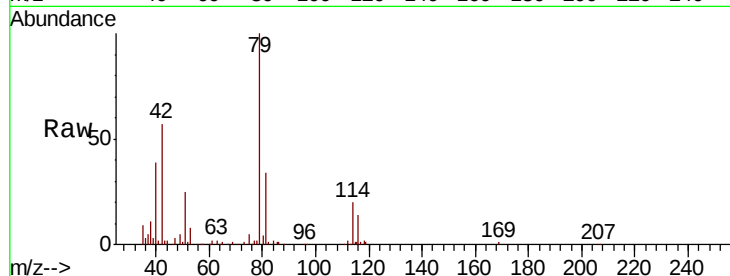
ClientSampleId :

Tot Ion: 75 Resp: 3557

Ion Ratio Lower Upper

75 100

77 37.2 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.389 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009452.D

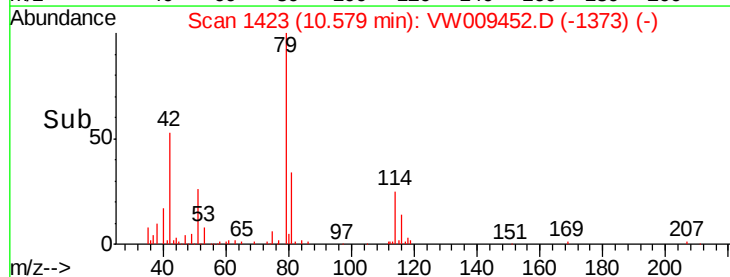
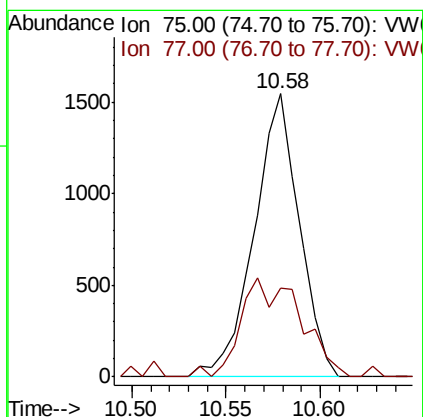
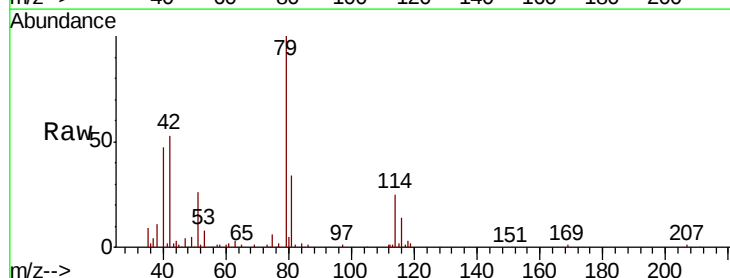
Acq: 26 Mar 2019 02:40

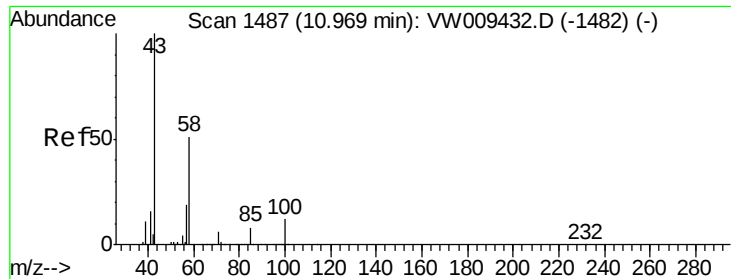
Tgt Ion: 75 Resp: 2567

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7





#49

2-Hexanone

Concen: 11.571 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

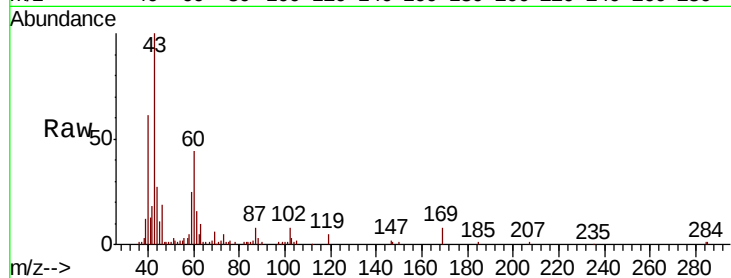
Lab File: VW009452.D

Acq: 26 Mar 2019 02:40

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	34354
Ion	Ratio	Lower	Upper
43	100		
58	4.9	39.2	58.8#
57	0.0	14.2	21.2#
100	0.8	8.9	13.3#

