

Data File : VW014227.D
Acq On : 05 Dec 2019 21:27
Operator : SY/VA
Sample : K6149-11
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBS4

Quant Time: Dec 06 06:54:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1034045	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	956996	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	411214	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	404532	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.32%
7) Chloroethane-d5	2.89	69	281012	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
10) 1,1-Dichloroethene-d2	4.21	63	315	0.01	ug/L	0.19
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	250084	61.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.58%
24) Chloroform-d	7.65	84	616534	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.30	65	351705	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.27	84	1346755	24.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.04%
33) 1,2-Dichloropropane-d6	9.27	67	410905	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.32	98	1204062	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	171969	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
39) 2-Hexanone-d5	10.92	63	198855	57.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373743	26.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	409529	26.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.24%

Target Compounds

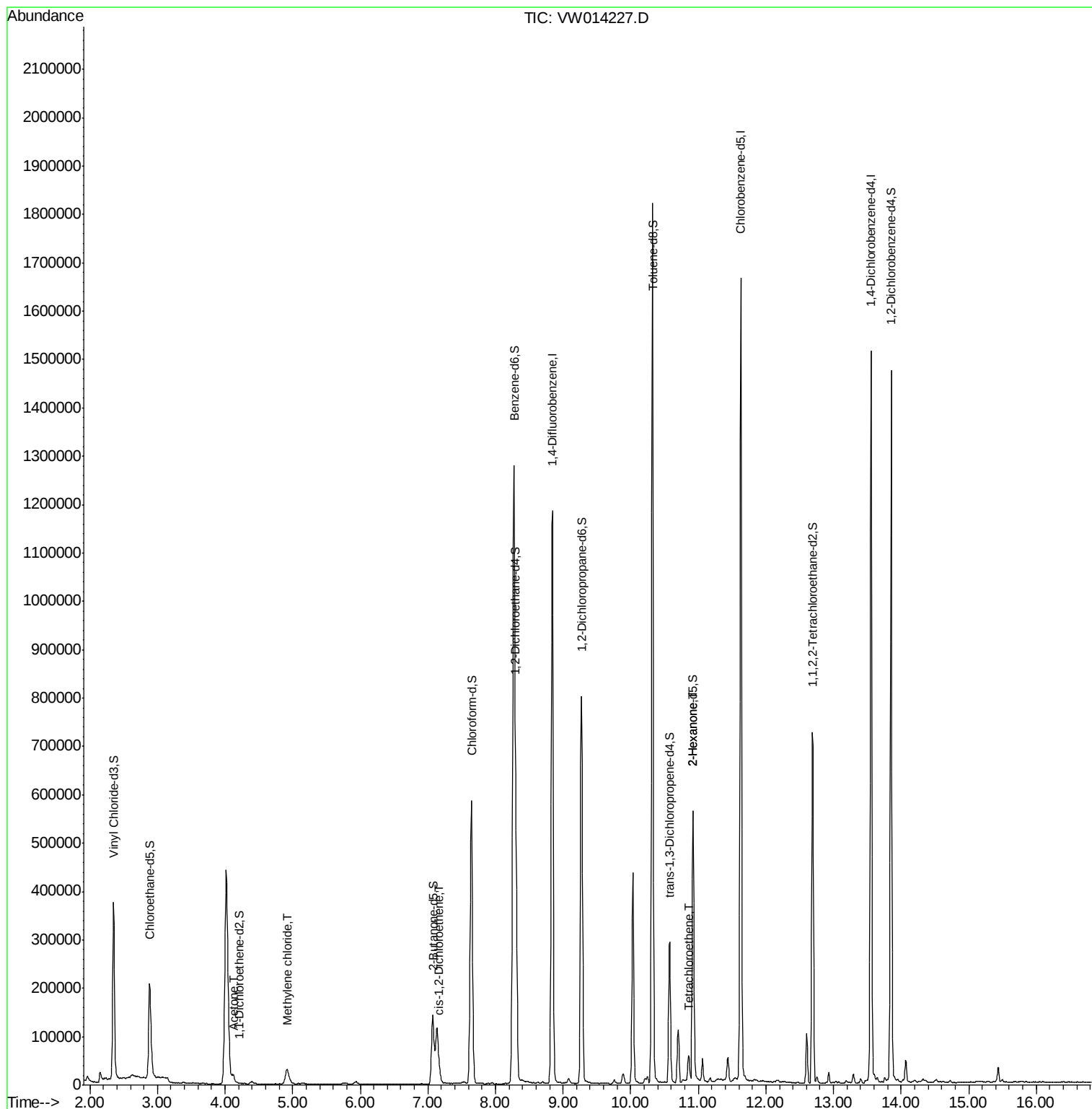
					Qvalue
13) Acetone	4.12	43	26668	6.779 ug/L	81
16) Methylene chloride	4.93	84	28605	1.805 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	4816	0.306 ug/L	92
47) Tetrachloroethene	10.86	164	13614	1.054 ug/L	95
49) 2-Hexanone	10.92	43	23592	3.228 ug/L #	64

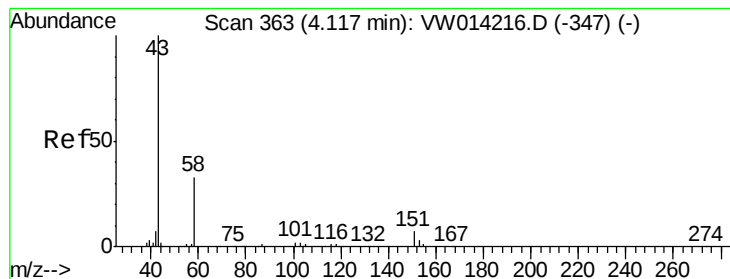
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.779 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 05 Dec 2019 21:27

Instrument :

MSVOA_W

ClientSampled :

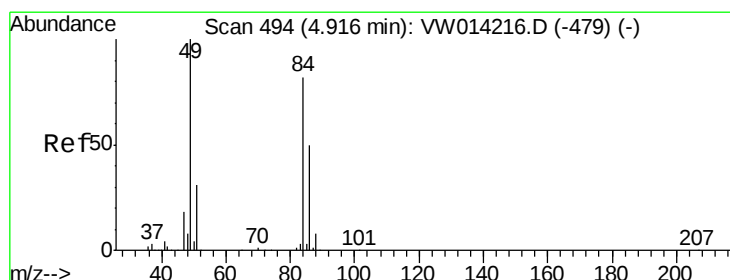
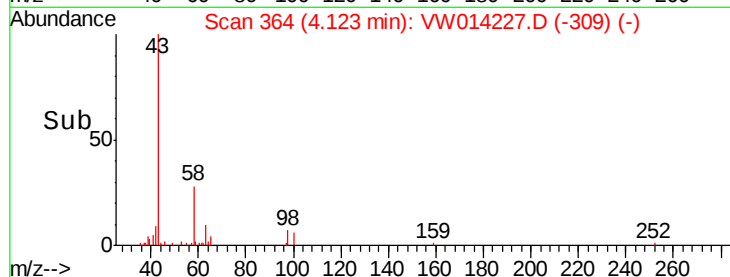
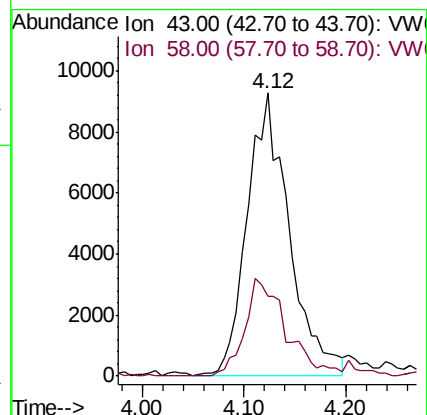
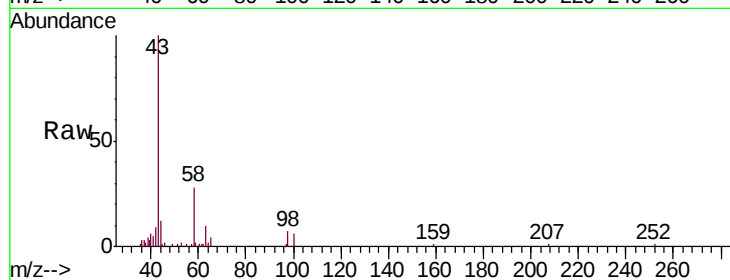
DBBS4

Tgt Ion: 43 Resp: 26668

Ion Ratio Lower Upper

43 100

58 22.2 0.0 65.4



#16

Methylene chloride

Concen: 1.805 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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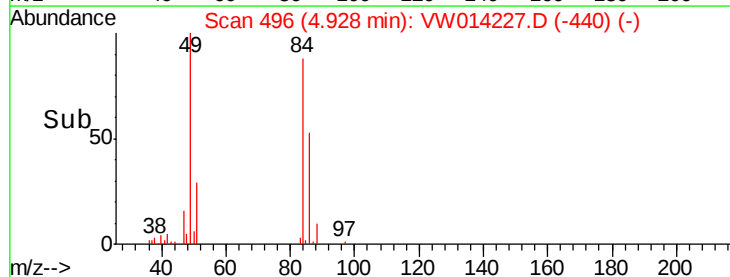
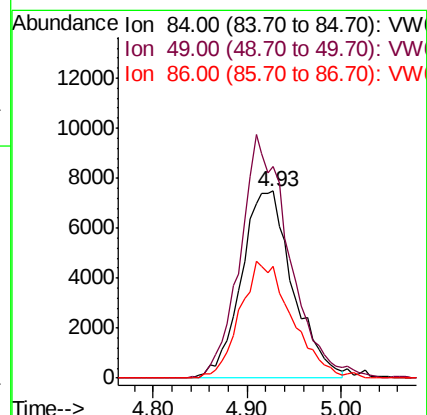
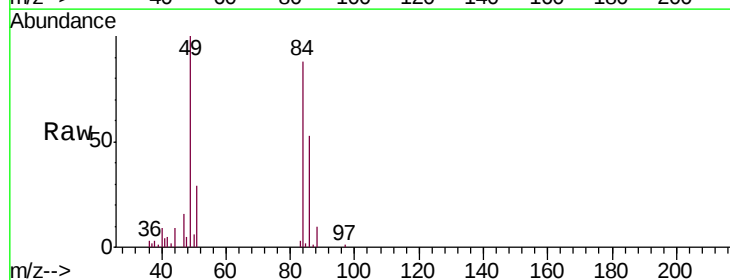
Tgt Ion: 84 Resp: 28605

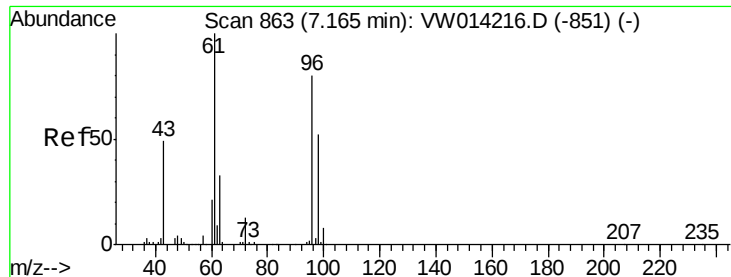
Ion Ratio Lower Upper

84 100

49 113.1 84.2 156.4

86 60.1 43.7 81.1



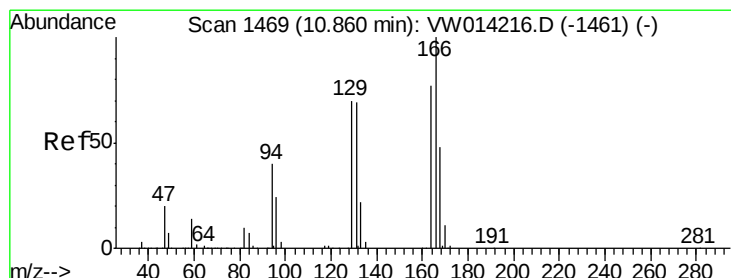
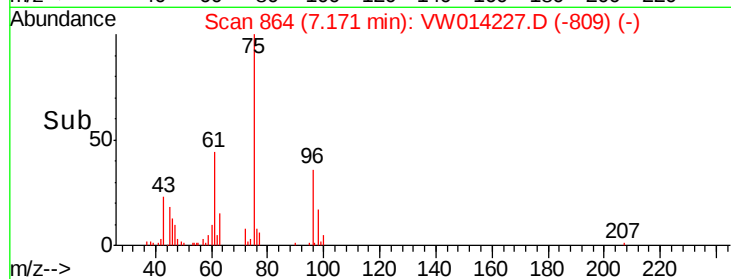
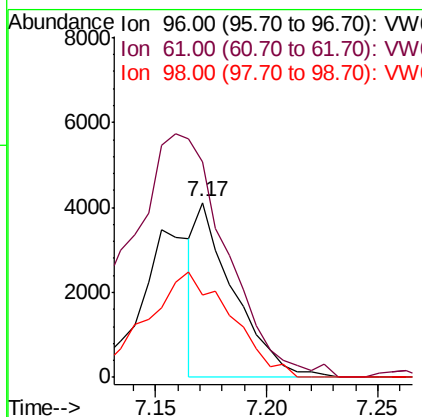
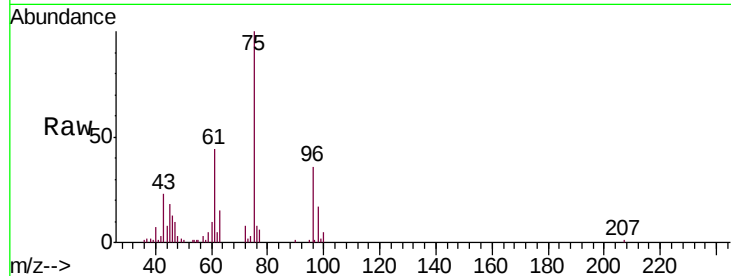


#22

cis-1,2-Dichloroethene
Concen: 0.306 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
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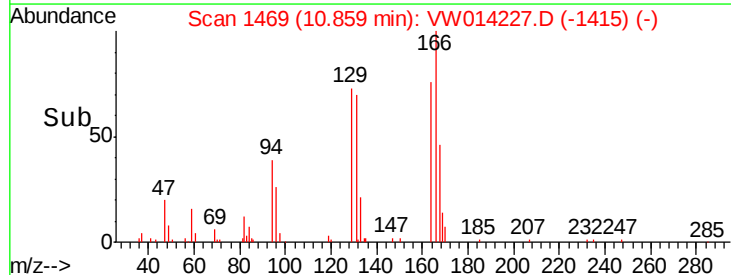
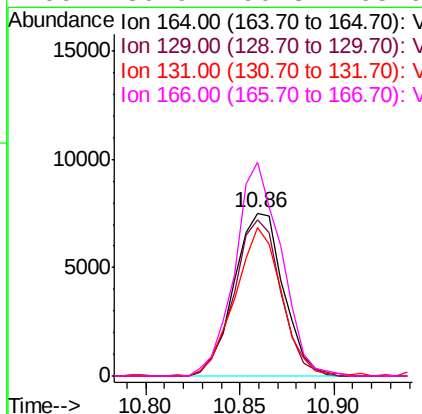
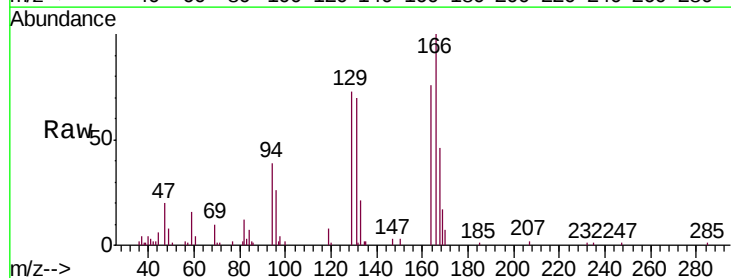
Tgt Ion: 96 Resp: 4816
Ion Ratio Lower Upper
96 100
61 123.0 86.9 161.5
98 47.2 45.5 84.5

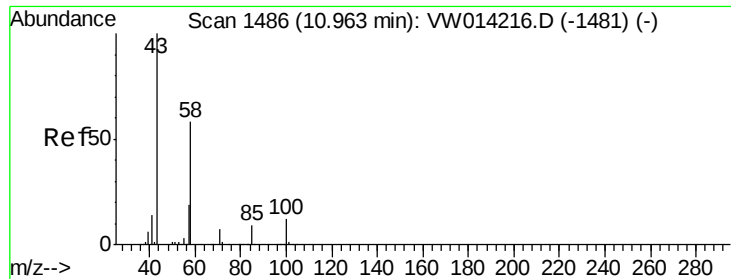


#47

Tetrachloroethene
Concen: 1.054 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014227.D
Acq: 05 Dec 2019 21:27

Tgt Ion: 164 Resp: 13614
Ion Ratio Lower Upper
164 100
129 95.5 60.6 112.6
131 91.0 59.1 109.7
166 130.9 90.8 168.6





#49

2-Hexanone

Concen: 3.228 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014227.D

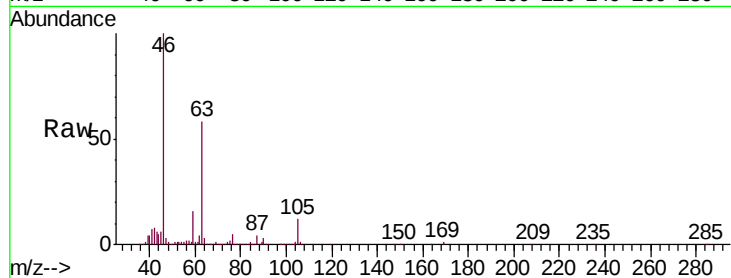
Acq: 05 Dec 2019 21:27

Instrument :

MSVOA_W

ClientSampleId :

DBBS4



Tgt Ion:	43	Resp:	23592
Ion	Ratio	Lower	Upper
43	100		
58	24.2	44.4	66.6#
57	30.1	16.5	24.7#
100	2.2	11.1	16.7#

