

Data File : VW014370.D
Acq On : 16 Dec 2019 15:48
Operator : SY/VA
Sample : K6277-10RE
Misc : 3.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C70RE

Quant Time: Dec 17 07:30:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	818618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	573311	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	135447	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	244805	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
7) Chloroethane-d5	2.89	69	211774	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
10) 1,1-Dichloroethene-d2	4.01	63	326081	14.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.56%
20) 2-Butanone-d5	7.07	46	187623	58.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.16%
24) Chloroform-d	7.64	84	535785	25.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.84%
26) 1,2-Dichloroethane-d4	8.41	65	273	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1075076	32.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.00%
33) 1,2-Dichloropropane-d6	9.27	67	370100	35.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.20%#
37) Toluene-d8	10.32	98	824577	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.56%
38) trans-1,3-Dichloropropene-	10.57	79	80699	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.44%
39) 2-Hexanone-d5	10.92	63	128235	62.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	269933	32.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	172758	33.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.52%#

Target Compounds

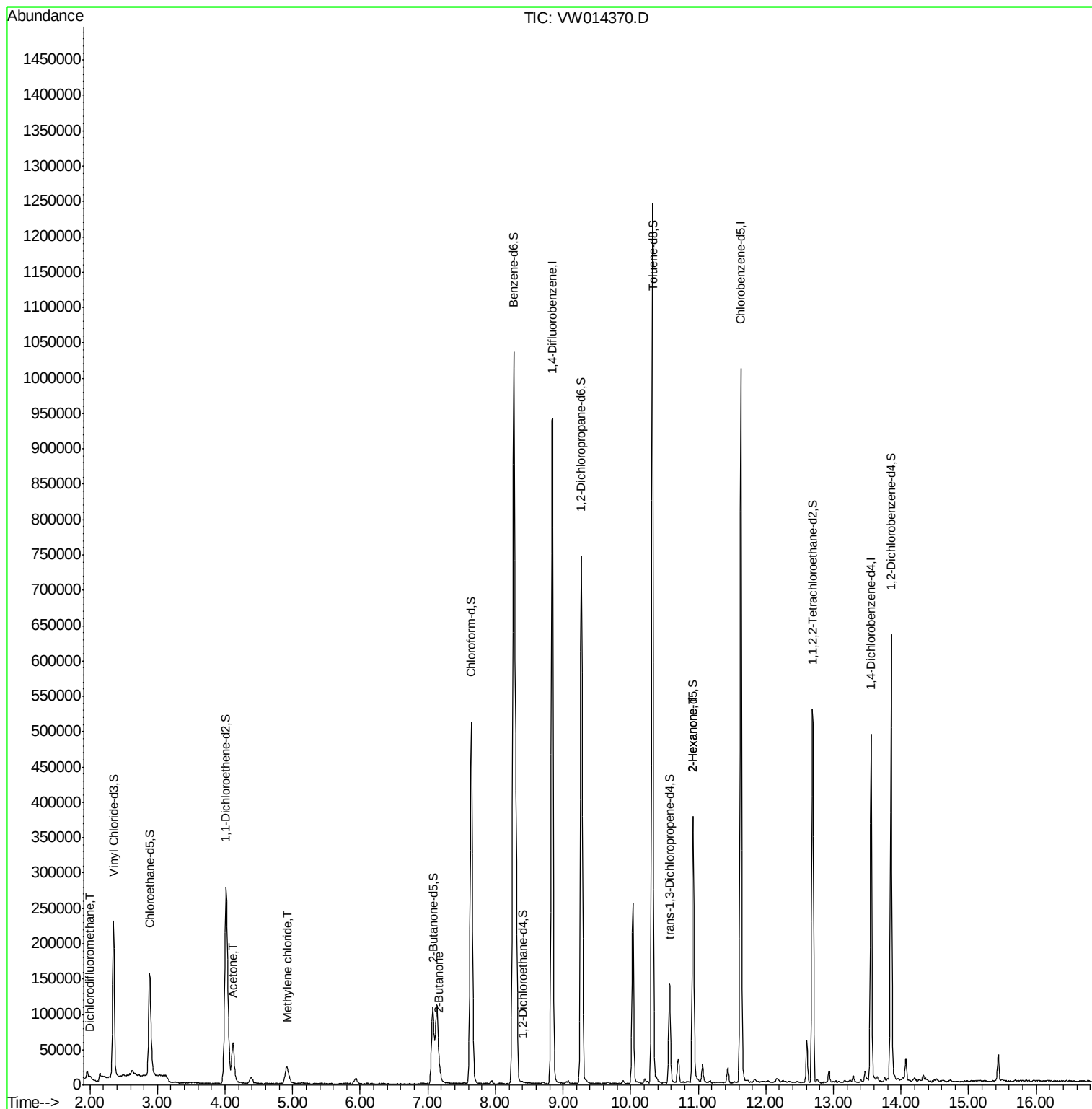
					Qvalue
2) Dichlorodifluoromethane	2.01	85	4028	0.517 ug/L	91
13) Acetone	4.12	43	99983	32.102 ug/L	100
16) Methylene chloride	4.92	84	21580	1.720 ug/L	99
21) 2-Butanone	7.17	43	22927	5.483 ug/L	87
49) 2-Hexanone	10.93	43	16240	3.709 ug/L	# 67

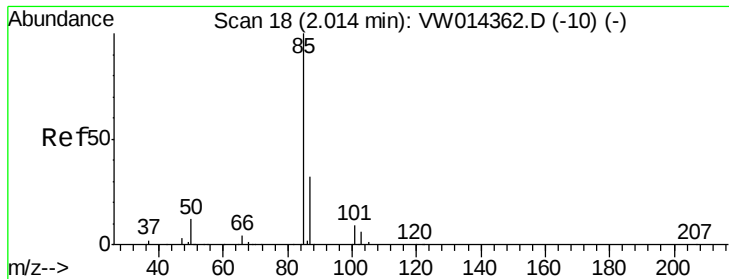
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.517 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

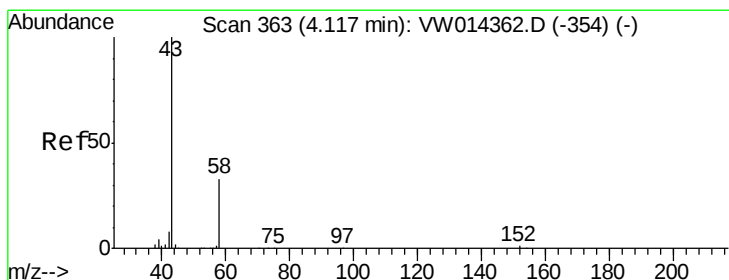
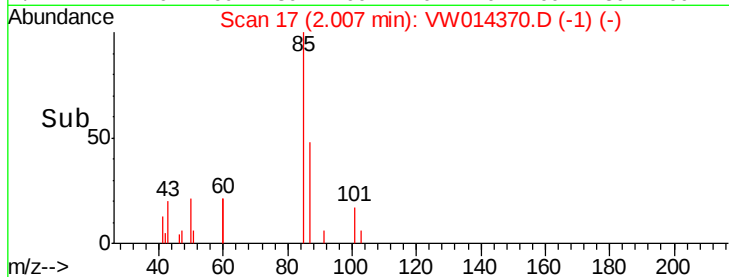
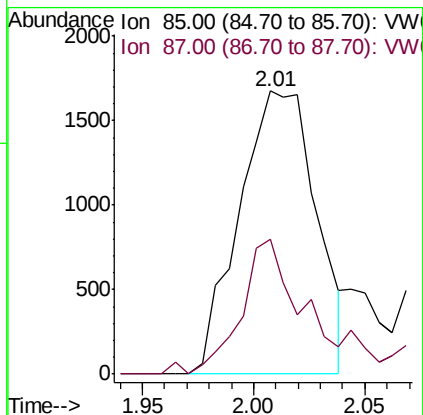
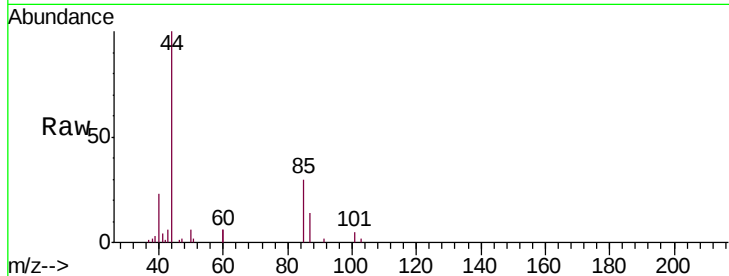
C0C70RE

Tgt Ion: 85 Resp: 4028

Ion Ratio Lower Upper

85 100

87 36.6 22.1 41.1



#13

Acetone

Concen: 32.102 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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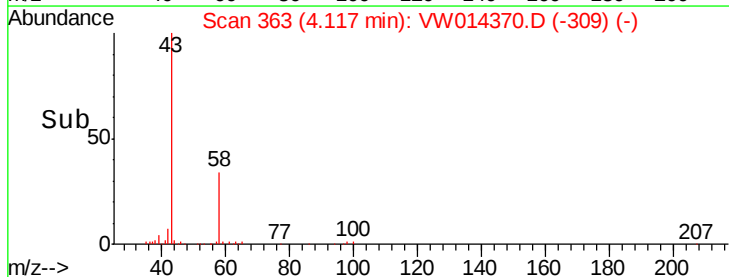
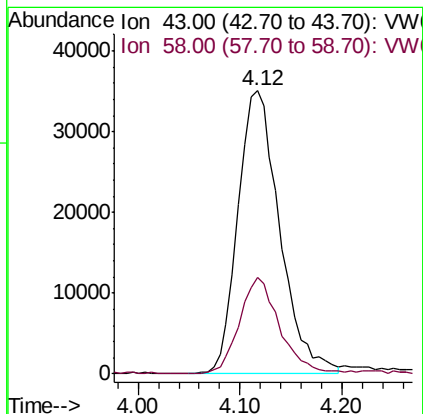
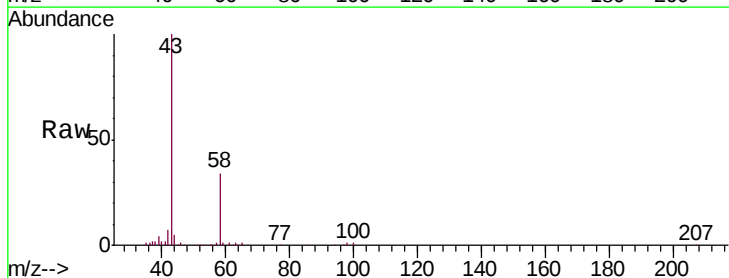
Acq: 16 Dec 2019 15:48

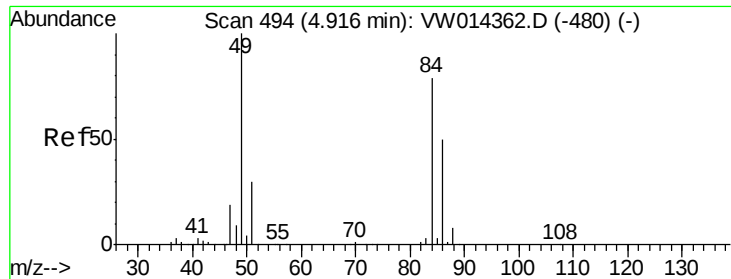
Tgt Ion: 43 Resp: 99983

Ion Ratio Lower Upper

43 100

58 32.8 0.0 65.4

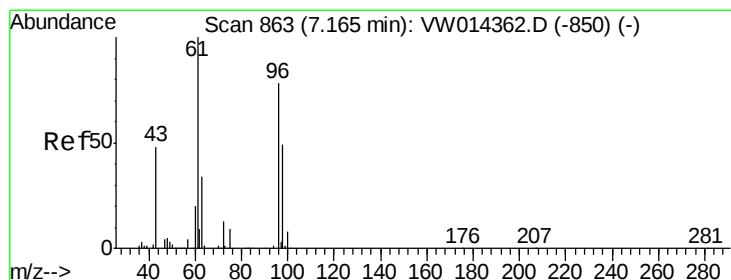
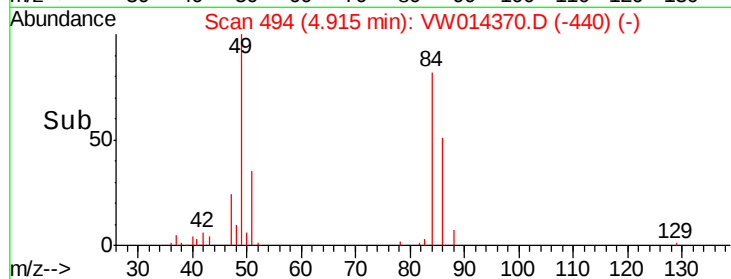
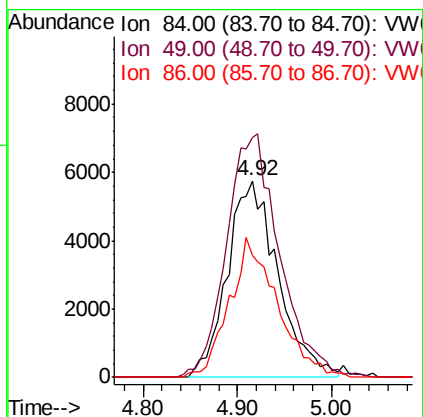
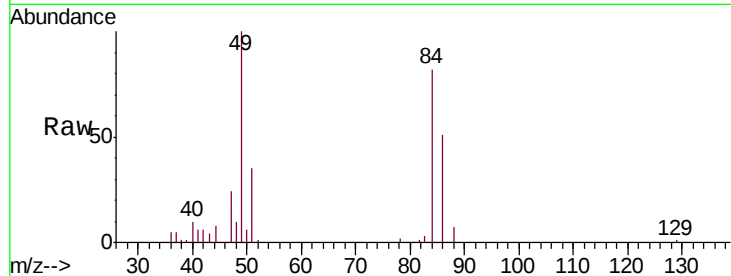




#16
Methylene chloride
Concen: 1.720 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
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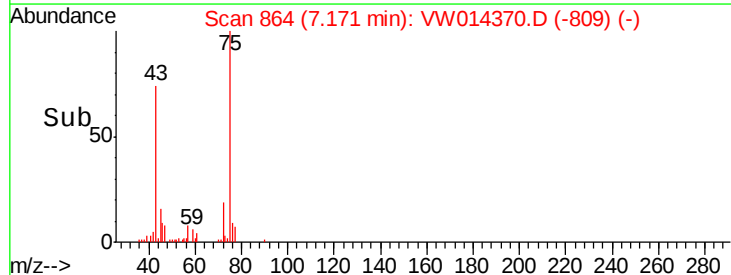
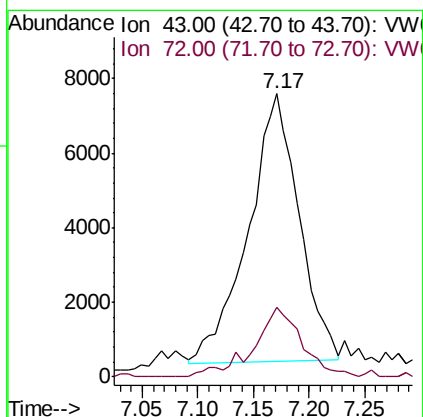
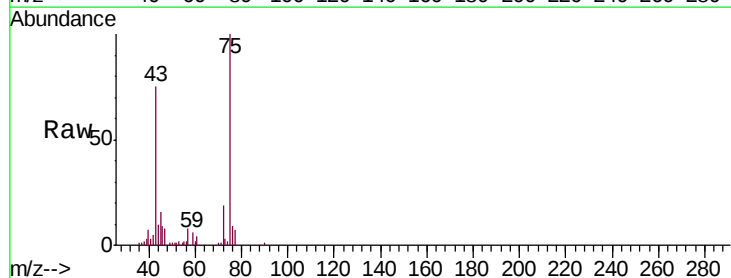
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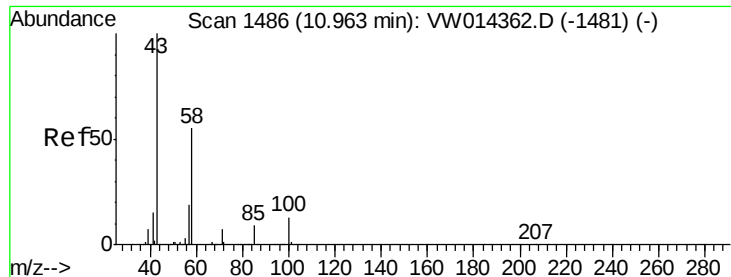
Tgt Ion: 84 Resp: 21580
Ion Ratio Lower Upper
84 100
49 122.3 84.2 156.4
86 62.0 43.7 81.1



#21
2-Butanone
Concen: 5.483 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014370.D
Acq: 16 Dec 2019 15:48

Tgt Ion: 43 Resp: 22927
Ion Ratio Lower Upper
43 100
72 21.0 14.1 42.2





#49

2-Hexanone

Concen: 3.709 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014370.D

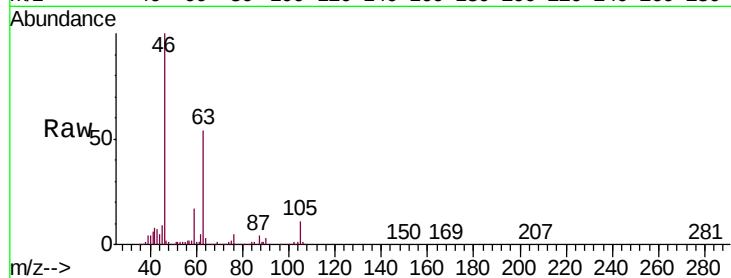
Acq: 16 Dec 2019 15:48

Instrument :

MSVOA_W

ClientSampleId :

C0C70RE



Tgt Ion:	43	Resp:	16240
Ion	Ratio	Lower	Upper
43	100		
58	28.6	44.4	66.6#
57	31.4	16.5	24.7#
100	2.1	11.1	16.7#

