

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062218\
 Data File : VR025411.D
 Acq On : 22 Jun 2018 13:21
 Operator : SY/MD
 Sample : J3514-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jun 22 22:39:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	521071	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	435764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147645	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	80153	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	2.64	69	64731	4.96	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.64	63	169186	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	6.60	46	252691	53.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.24%
24) Chloroform-d	7.21	84	348487	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	7.89	65	139784	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	7.86	84	752579	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	8.90	67	215936	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	9.97	98	643347	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	10.24	79	46331	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	10.59	63	215254	55.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	92813	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	143119	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

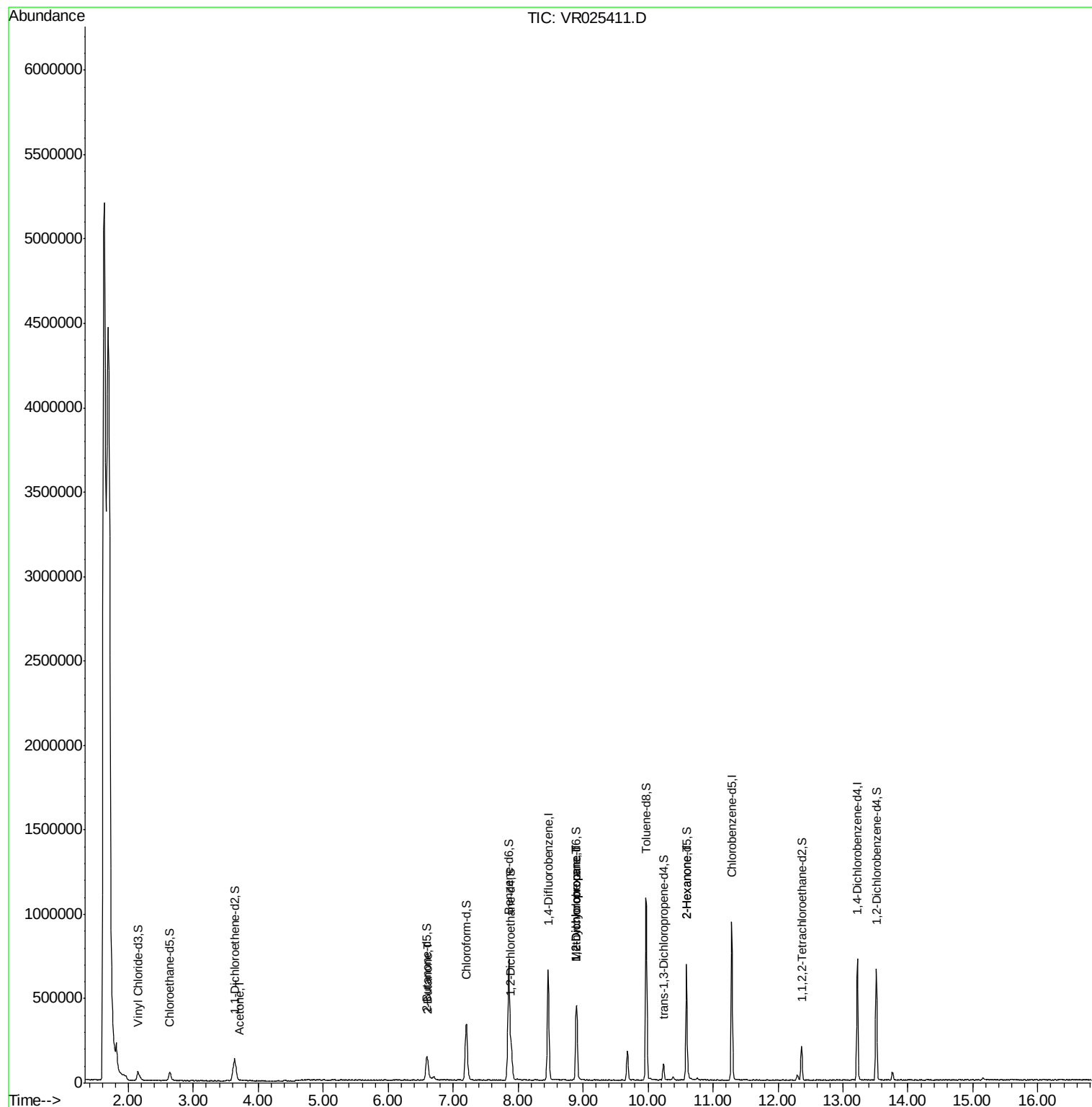
					Qvalue
13) Acetone	3.71	43	1612	0.750 ug/L	67
21) 2-Butanone	6.61	43	1960	0.386 ug/L	98
35) Methylcyclohexane	8.90	83	50344	0.771 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	22579	0.594 ug/L #	94
48) 2-Hexanone	10.59	43	27822	3.546 ug/L #	65

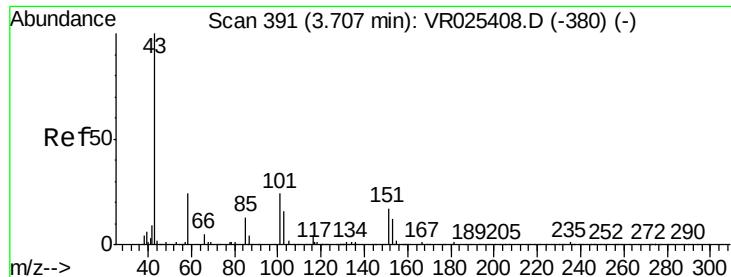
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.750 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

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ClientSampleId :

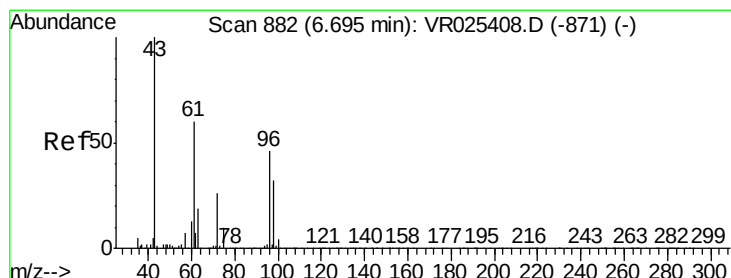
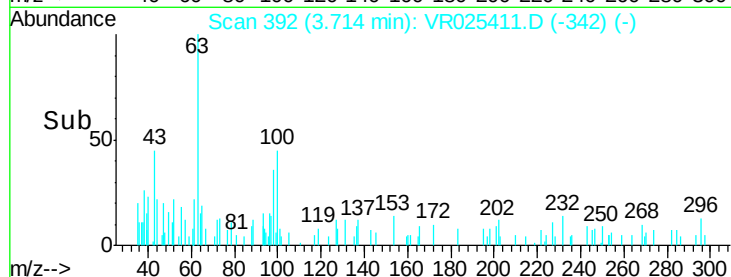
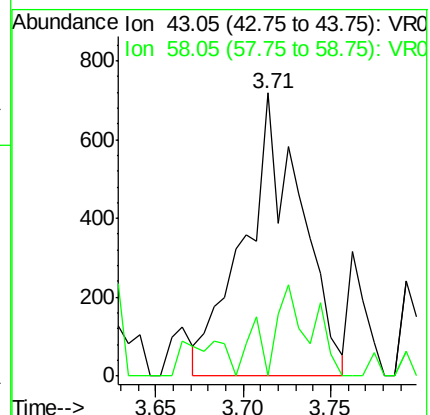
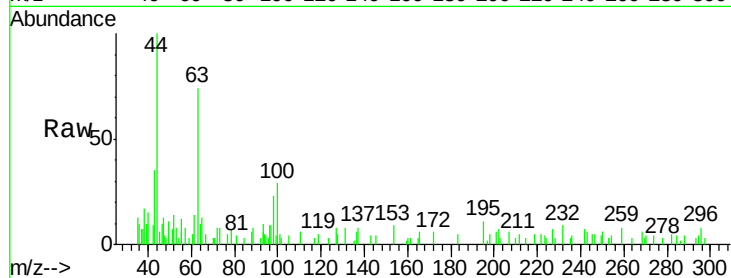
VHBLK01

Tgt Ion: 43 Resp: 1612

Ion Ratio Lower Upper

43 100

58 5.3 0.0 41.6



#21

2-Butanone

Concen: 0.386 ug/L

RT: 6.61 min Scan# 868

Delta R.T. -0.08 min

Lab File: VR025411.D

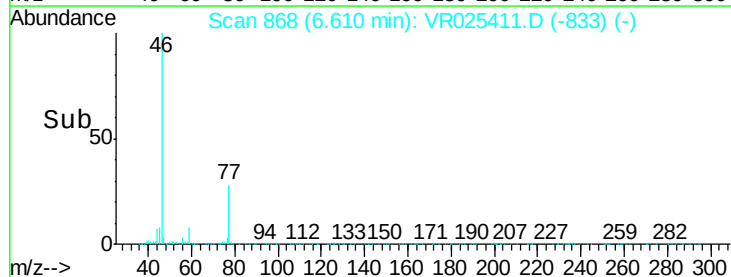
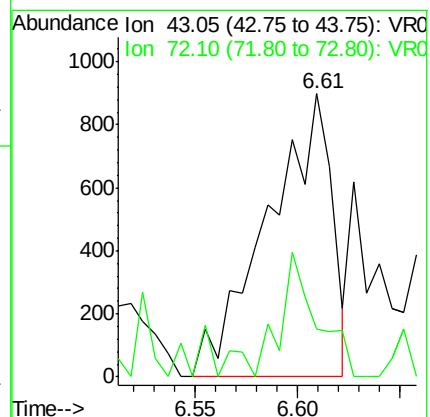
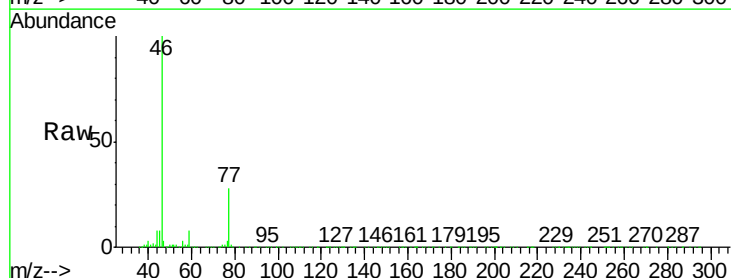
Acq: 22 Jun 2018 13:21

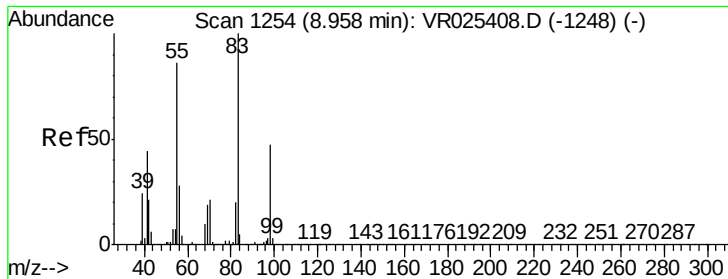
Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

43 100

72 25.1 13.0 38.9





#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025411.D

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Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

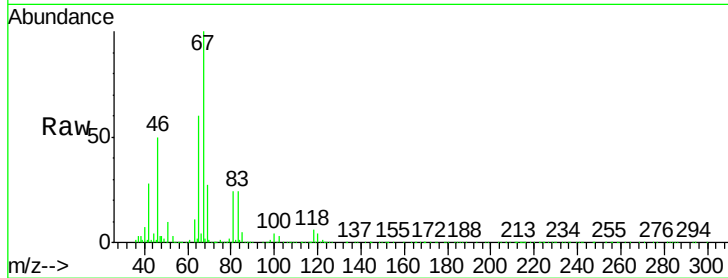
Tgt Ion: 83 Resp: 50344

Ion Ratio Lower Upper

83 100

55 1.2 66.1 99.1#

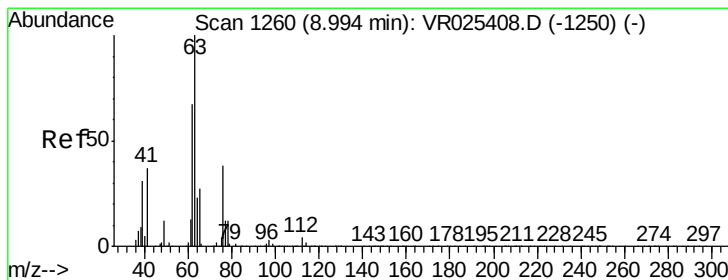
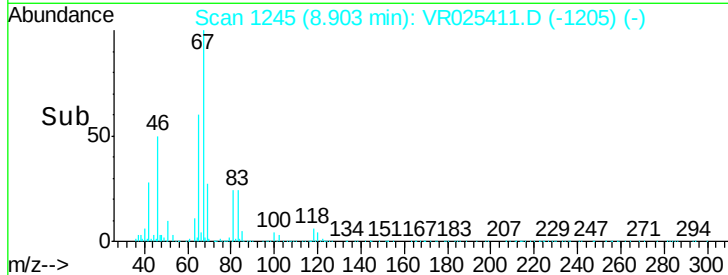
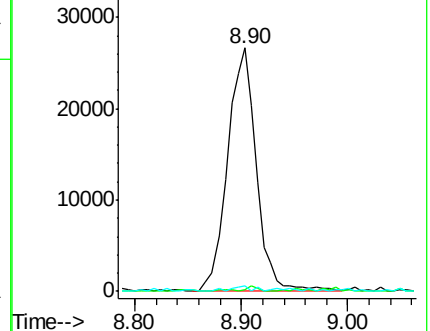
98 1.1 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025411.D

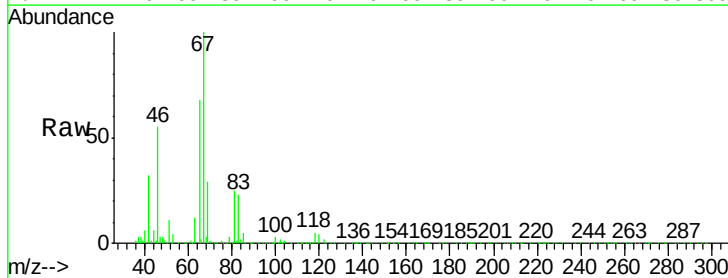
Acq: 22 Jun 2018 13:21

Tgt Ion: 63 Resp: 22579

Ion Ratio Lower Upper

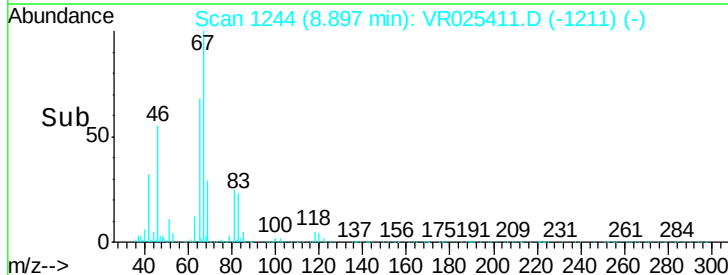
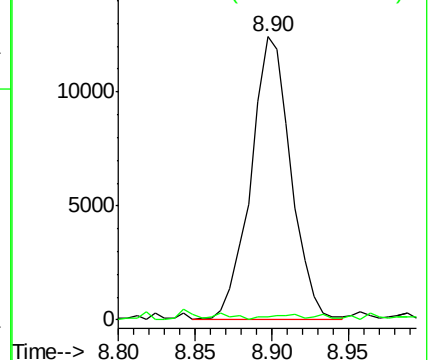
63 100

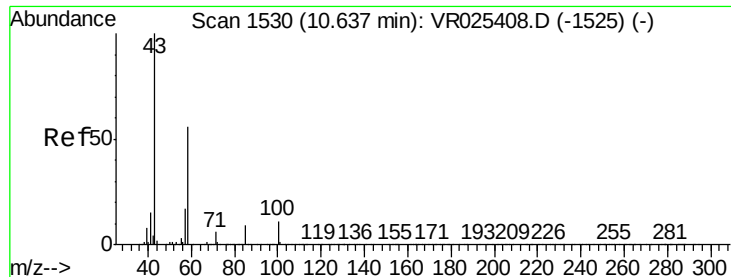
112 1.5 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.546 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025411.D

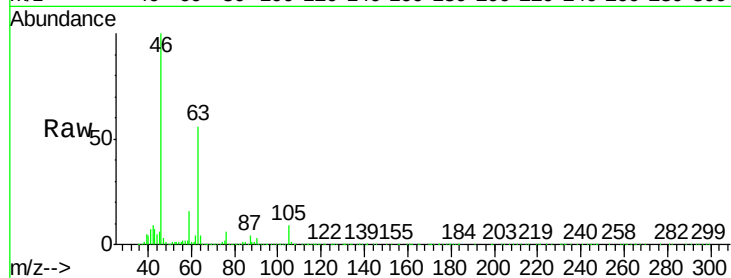
Acq: 22 Jun 2018 13:21

Instrument :

MSVOA_R

ClientSampleId :

VHBLK01



Tgt Ion:	43	Resp:	27822
Ion	Ratio	Lower	Upper
43	100		
58	24.8	43.1	64.7#
57	32.7	15.3	22.9#
100	4.3	7.9	11.9#

