

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025922.D
 Acq On : 2 Oct 2018 11:50
 Operator : SY/MD
 Sample : VR1002WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 03 02:54:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 02:53:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	495420	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	419847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	141788	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	175018	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	2.63	69	153014	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	3.63	63	317210	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	6.59	46	206398	47.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	7.20	84	289699	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	7.90	65	128144	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	7.85	84	588208	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	8.90	67	161603	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	9.97	98	542197	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	10.24	79	34467	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	10.59	63	151673	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62744	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	100915	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

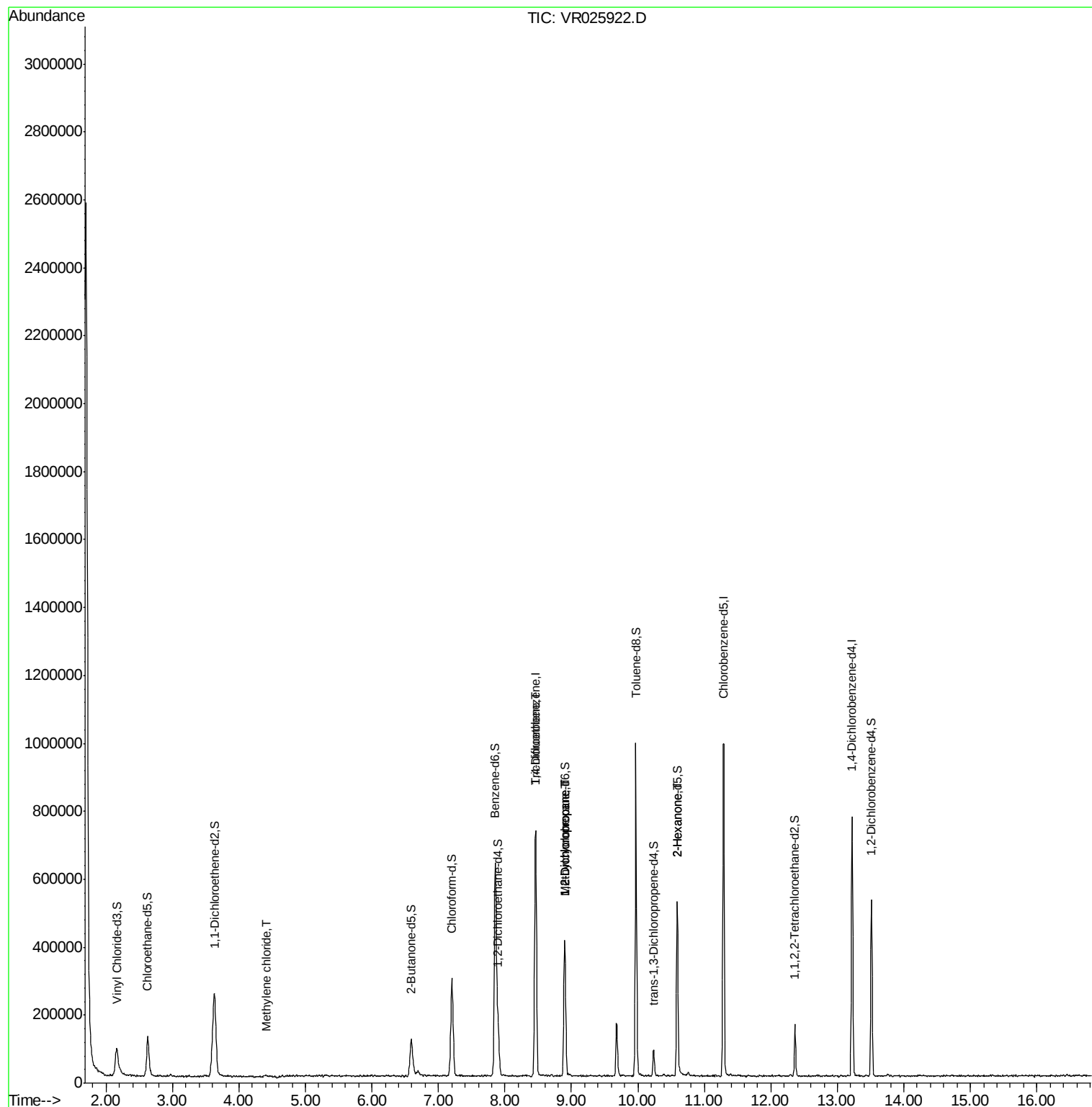
					Ovalue
16) Methylene chloride	4.42	84	3367	0.098 ug/L #	49
34) Trichloroethene	8.46	95	19033	0.513 ug/L #	15
35) Methylcyclohexane	8.90	83	39542	0.709 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	21481	0.711 ug/L #	95
48) 2-Hexanone	10.59	43	23410	3.366 ug/L #	72

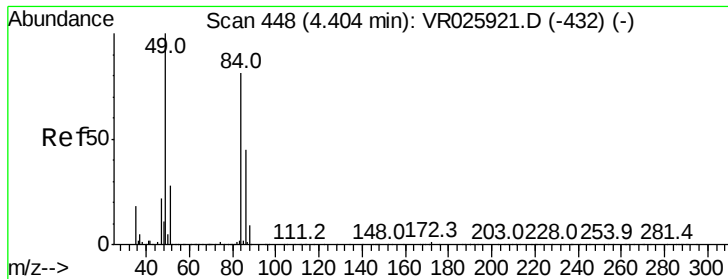
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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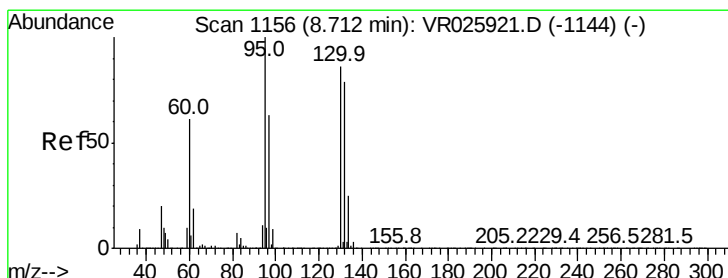
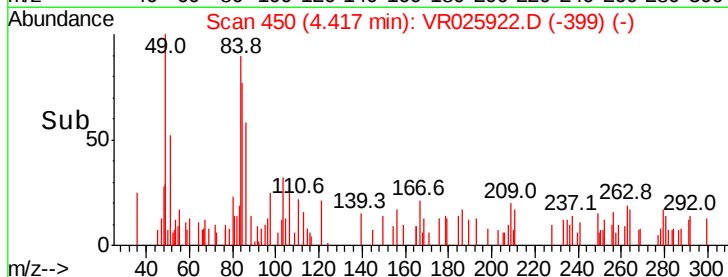
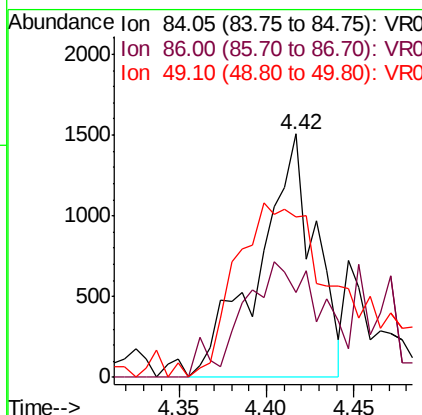
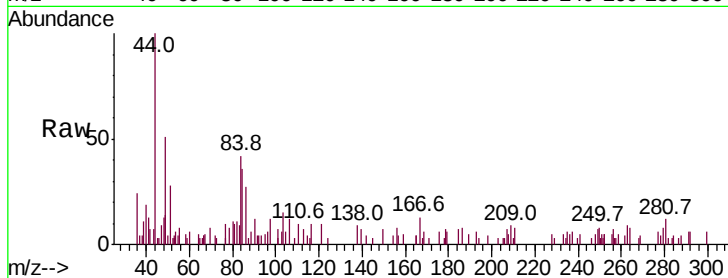




#16
Methvlene chloride
Concen: 0.098 ug/L
RT: 4.42 min Scan# 450
Delta R.T. 0.01 min
Lab File: VR025922.D
Acq: 2 Oct 2018 11:50

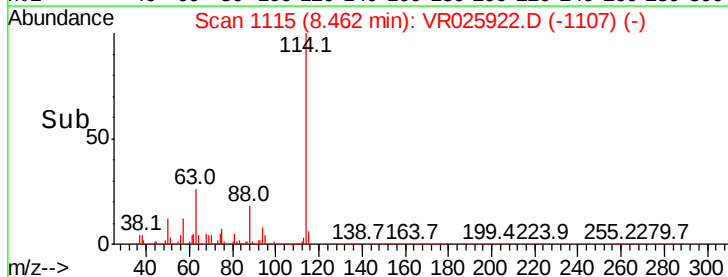
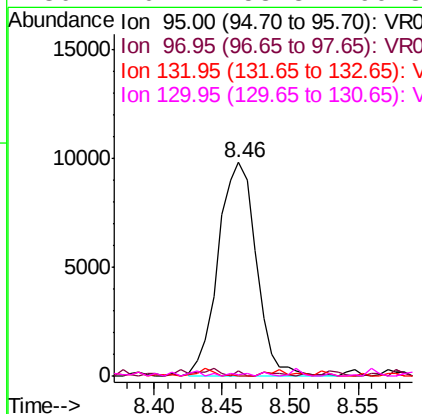
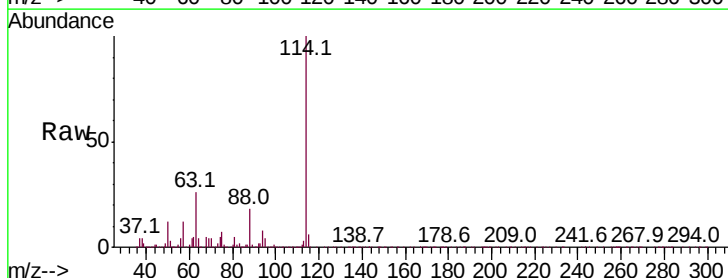
Instrument :
MSVOA_R
ClientSampled :

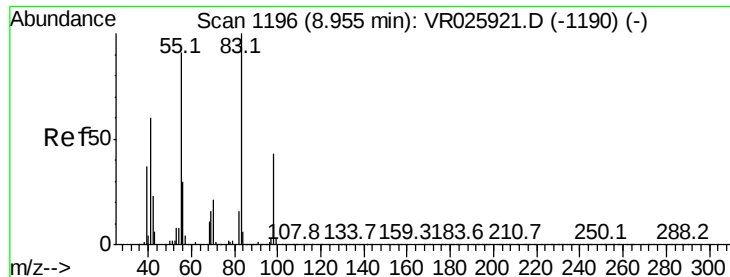
Tot Ion: 84 Resp: 3367
Ion Ratio Lower Upper
84 100
86 34.7 43.1 80.1#
49 65.9 95.5 177.3#



#34
Trichloroethene
Concen: 0.513 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR025922.D
Acq: 2 Oct 2018 11:50

Tgt Ion: 95 Resp: 19033
Ion Ratio Lower Upper
95 100
97 2.7 43.9 81.5#
132 0.0 53.3 98.9#
130 0.7 53.8 99.8#

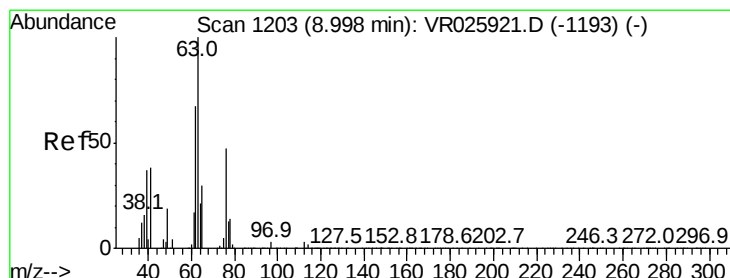
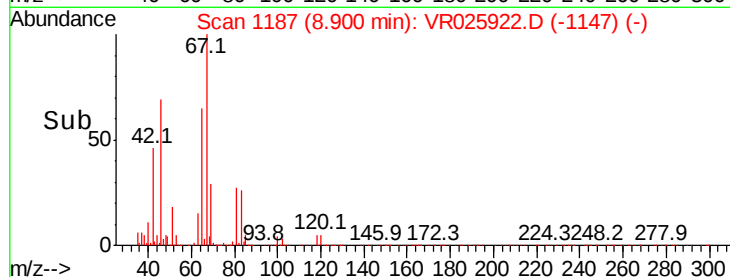
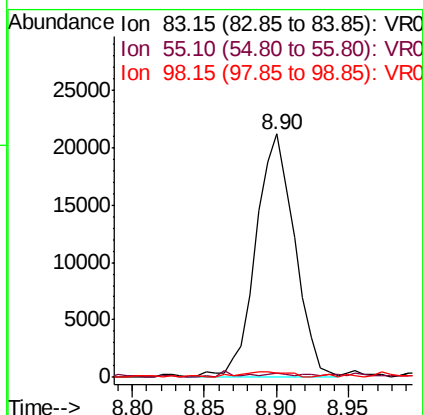
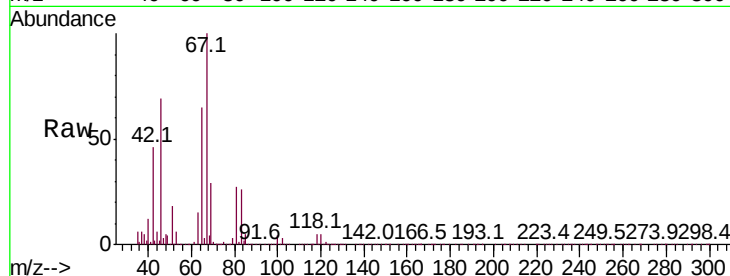




#35
Methvlcvclohexane
Concen: 0.709 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025922.D
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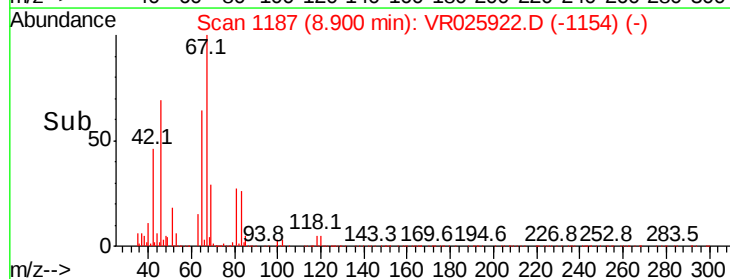
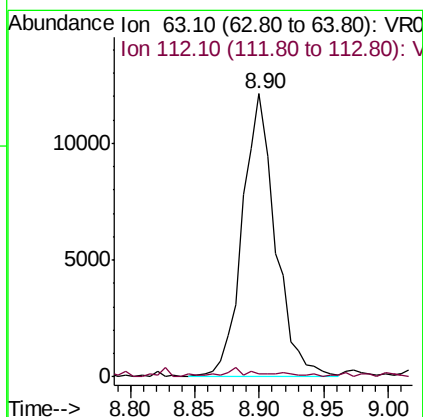
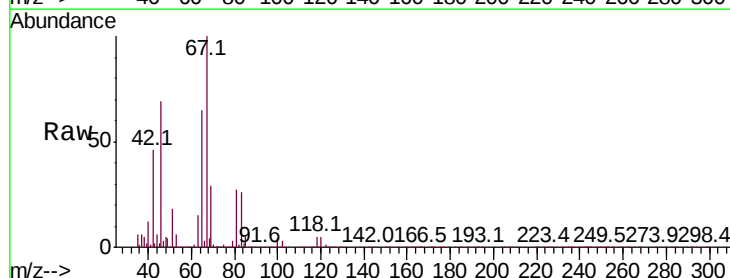
Instrument :
MSVOA_R
ClientSampled :

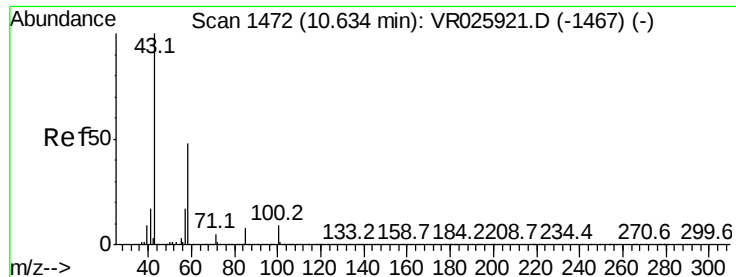
Tot Ion: 83 Resp: 39542
Ion Ratio Lower Upper
83 100
55 1.3 71.8 107.6#
98 2.8 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025922.D
Acq: 2 Oct 2018 11:50

Tgt Ion: 63 Resp: 21481
Ion Ratio Lower Upper
63 100
112 1.5 2.5 3.7#





#48

2-Hexanone

Concen: 3.366 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

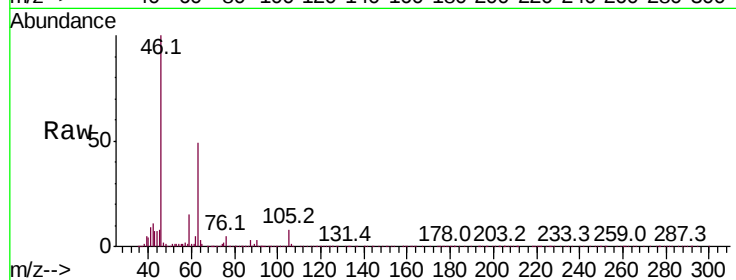
Lab File: VR025922.D

Acq: 2 Oct 2018 11:50

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion:	43	Resp:	23410
Ion	Ratio	Lower	Upper
43	100		
58	23.1	39.5	59.3#
57	20.8	14.6	21.8
100	2.8	6.7	10.1#

