

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017475.D
 Acq On : 24 Nov 2020 16:21
 Operator : SY/VA
 Sample : L4819-19RE
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:47:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	284468	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	268216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132142	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	81128	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.72%
7) Chloroethane-d5	2.90	69	67531	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
10) 1,1-Dichloroethene-d2	4.03	63	140536	16.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.48%
20) 2-Butanone-d5	7.36	46	213	0.27	ug/L	0.27
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.54%#
24) Chloroform-d	7.65	84	184309	22.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	8.31	65	96513	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.36%
29) Benzene-d6	8.28	84	363676	22.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.20%
33) 1,2-Dichloropropane-d6	9.28	67	104704	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
37) Toluene-d8	10.33	98	328773	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.56%
38) trans-1,3-Dichloropropene-	10.58	79	45106	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.48%
39) 2-Hexanone-d5	10.93	63	26042	46.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.20%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	76784	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	115687	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

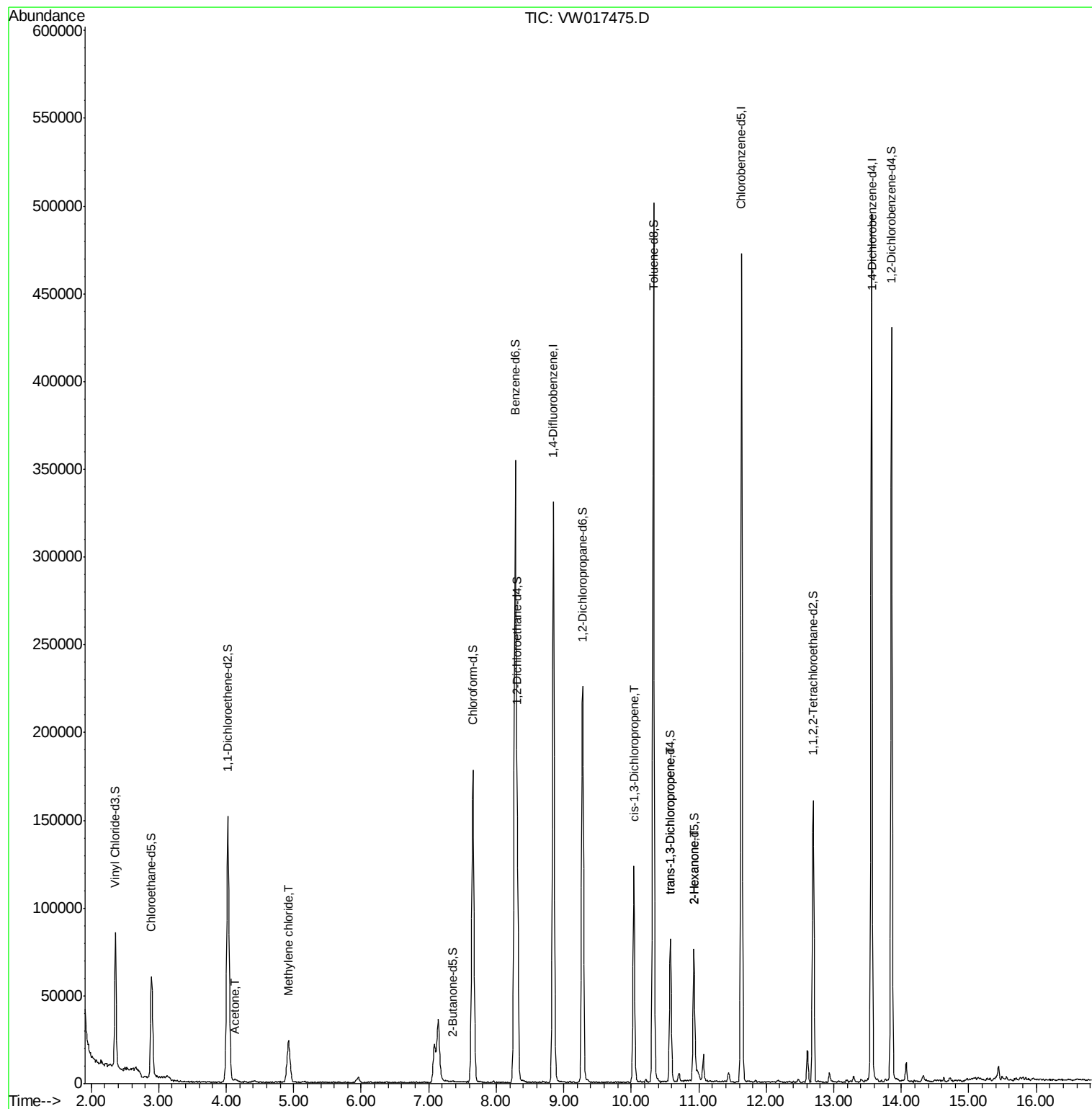
					Ovalue
13) Acetone	4.13	43	2534	3.337 ug/L	59
16) Methylene chloride	4.93	84	18940	4.435 ug/L	86
42) cis-1,3-Dichloropropene	10.04	75	3509	0.598 ug/L #	82
45) trans-1,3-Dichloropropene	10.58	75	2333	0.464 ug/L	87
49) 2-Hexanone	10.92	43	3191	2.592 ug/L #	33

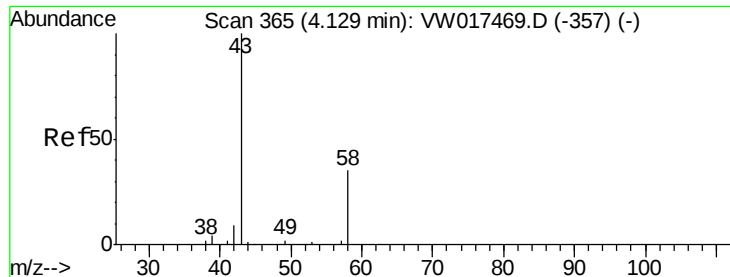
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.337 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017475.D

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Instrument :

MSVOA_W

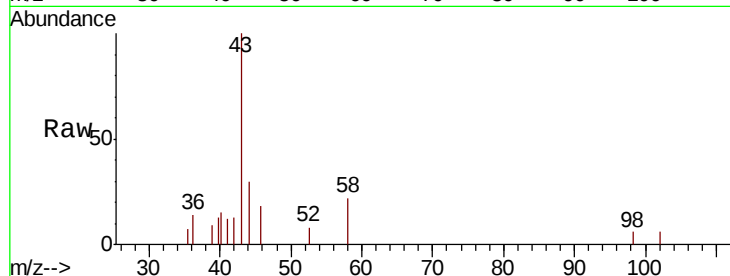
ClientSampled :

Tot Ion: 43 Resp: 2534

Ion Ratio Lower Upper

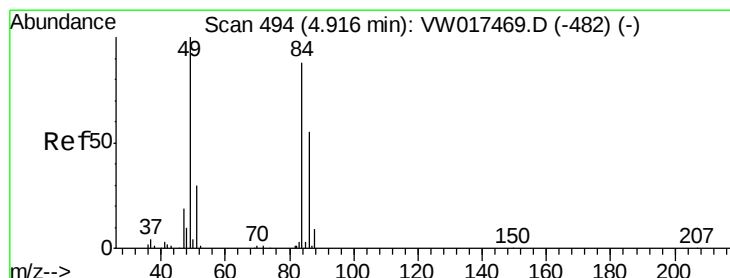
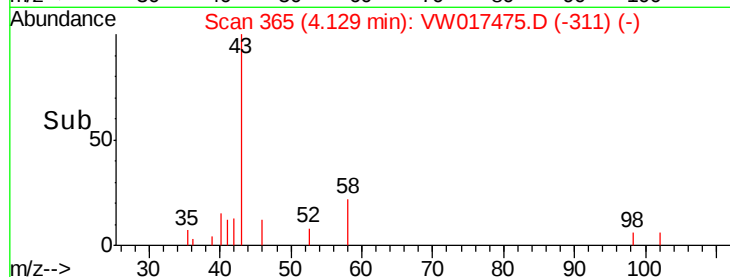
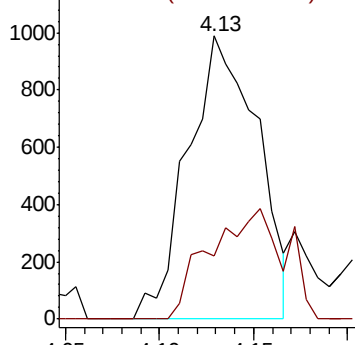
43 100

58 10.7 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.435 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017475.D

Acq: 24 Nov 2020 16:21

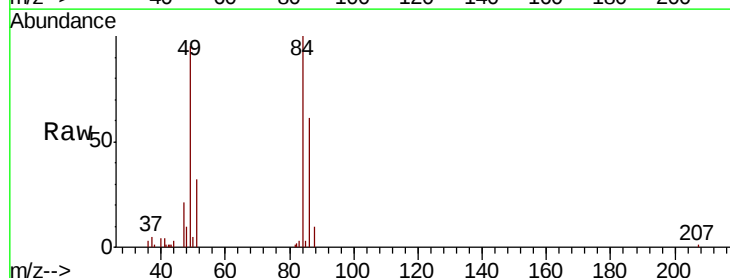
Tgt Ion: 84 Resp: 18940

Ion Ratio Lower Upper

84 100

49 94.9 81.2 150.8

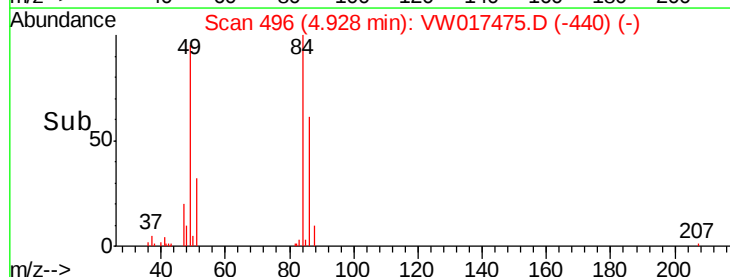
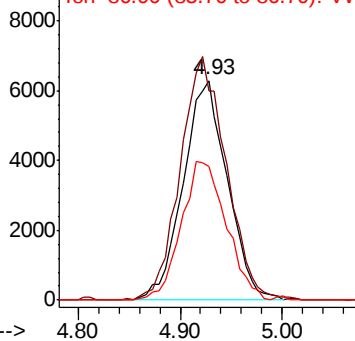
86 60.8 44.5 82.7

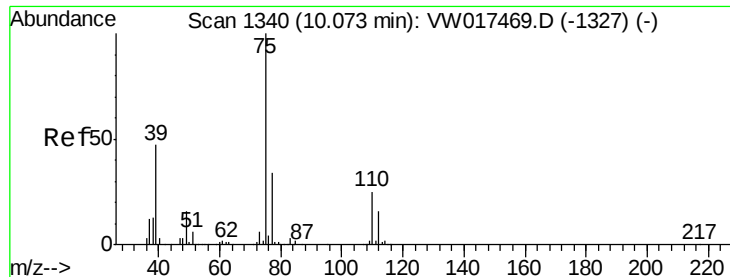


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.598 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

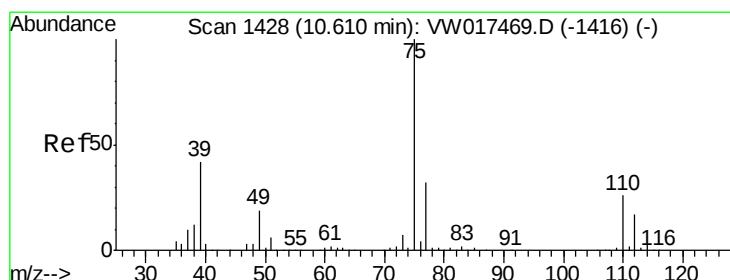
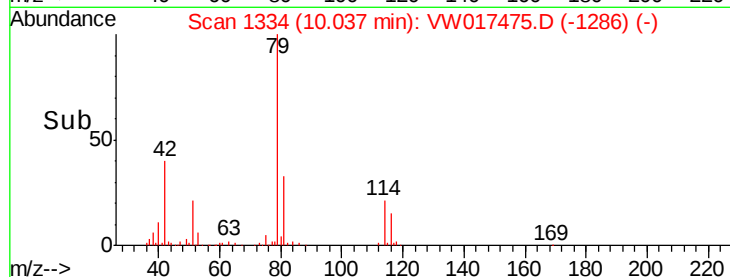
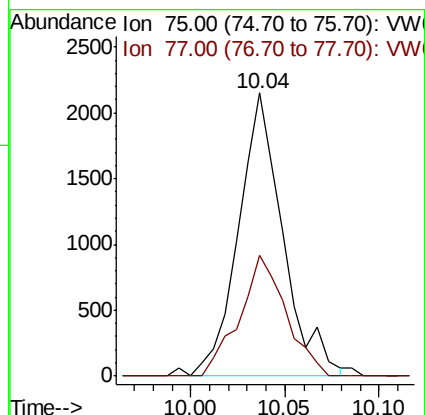
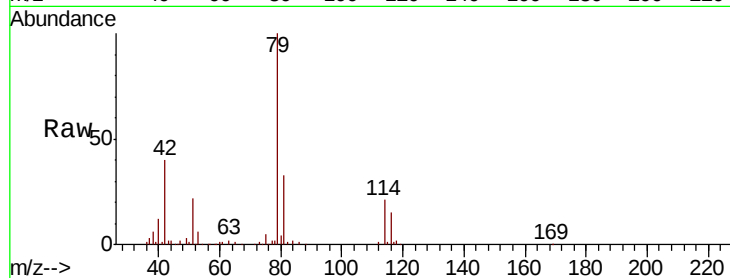
ClientSampled :

Tot Ion: 75 Resp: 3509

Ion Ratio Lower Upper

75 100

77 42.7 22.7 42.3#



#45

trans-1,3-Dichloropropene

Concen: 0.464 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017475.D

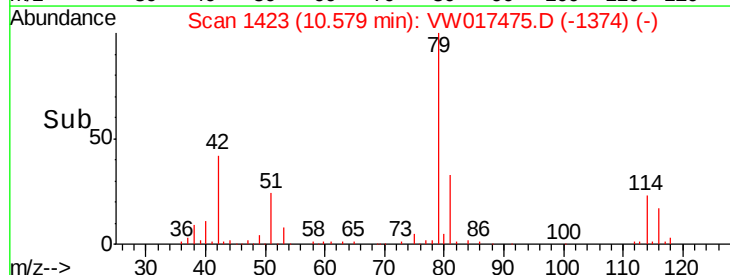
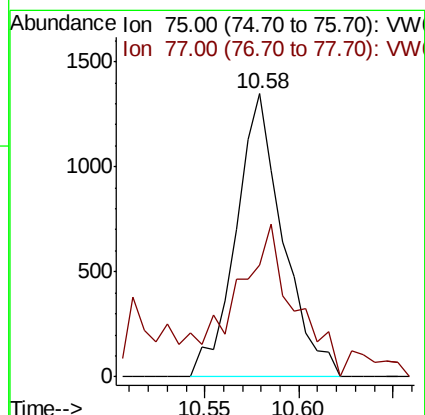
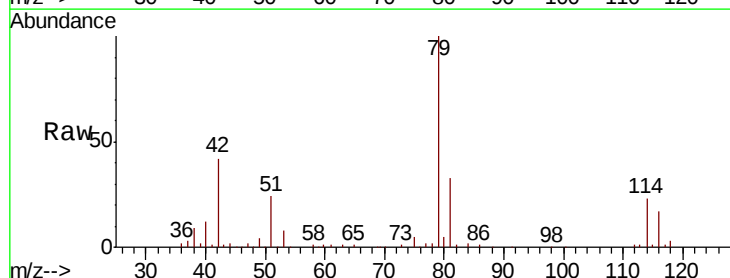
Acq: 24 Nov 2020 16:21

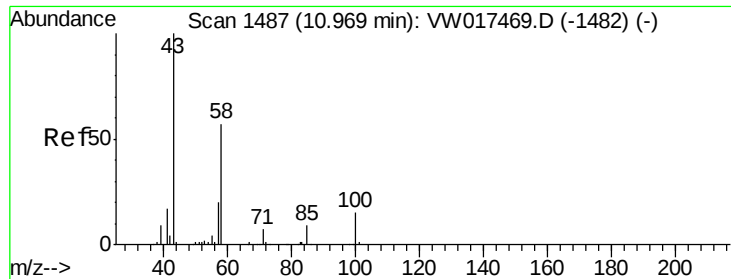
Tgt Ion: 75 Resp: 2333

Ion Ratio Lower Upper

75 100

77 39.6 22.6 42.0





#49

2-Hexanone

Concen: 2.592 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

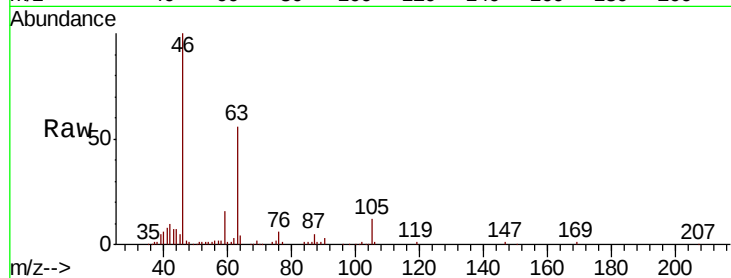
Lab File: VW017475.D

Acq: 24 Nov 2020 16:21

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	3191
Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.3	76.9#
57	0.0	15.0	22.6#
100	0.7	12.2	18.2#

