

Data File : VW009649.D
Acq On : 02 Apr 2019 11:49
Operator : SY/VA
Sample : K2119-02
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF599

Quant Time: Apr 03 04:11:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 04:08:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	462720	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436195	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190649	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130866	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
7) Chloroethane-d5	2.89	69	124250	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.80%
10) 1,1-Dichloroethene-d2	4.01	63	210263	17.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.36%
20) 2-Butanone-d5	7.08	46	84323	36.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.74%
24) Chloroform-d	7.64	84	294014	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.30	65	173110	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.04%
29) Benzene-d6	8.27	84	521629	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	9.27	67	165784	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.80%
37) Toluene-d8	10.32	98	456368	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.08%
38) trans-1,3-Dichloropropene-	10.57	79	71315	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.60%
39) 2-Hexanone-d5	10.92	63	55178	31.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139732	19.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	171073	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

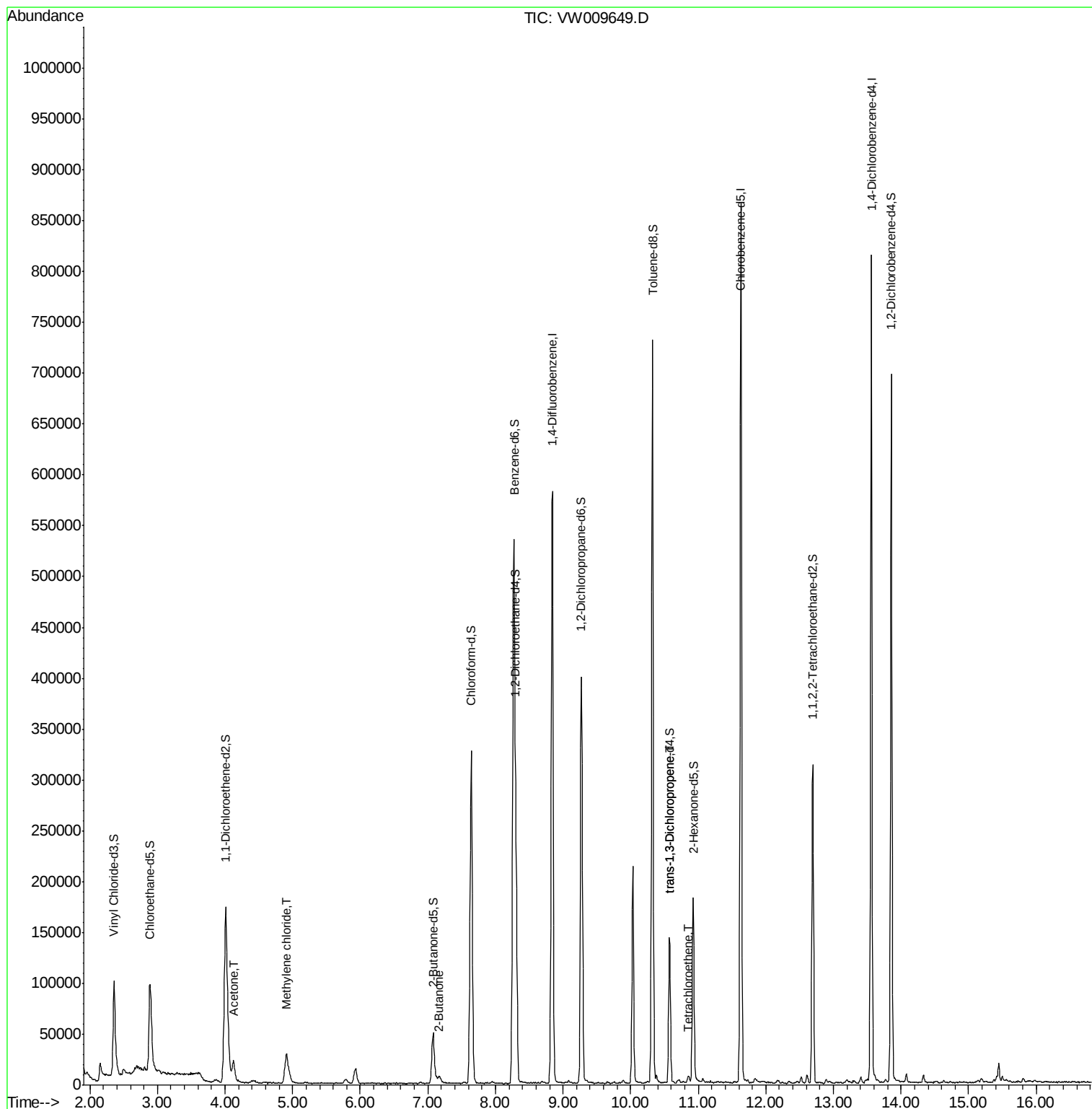
					Qvalue
13) Acetone	4.12	43	34472	18.382 ug/L	95
16) Methylene chloride	4.90	84	24244	3.593 ug/L	94
21) 2-Butanone	7.17	43	8860	3.422 ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	3996	0.460 ug/L	89
47) Tetrachloroethene	10.85	164	1314	0.244 ug/L #	63

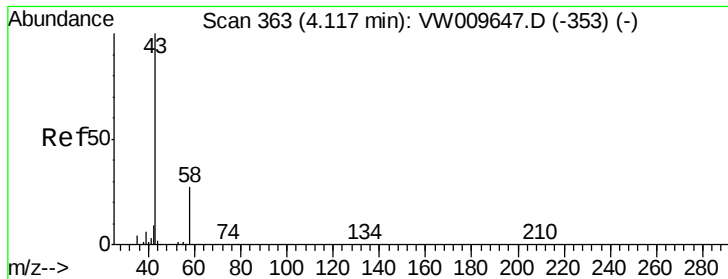
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.382 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

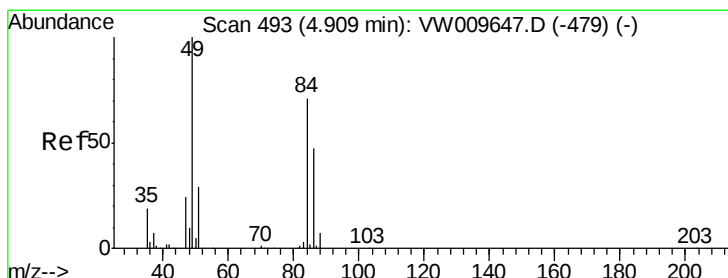
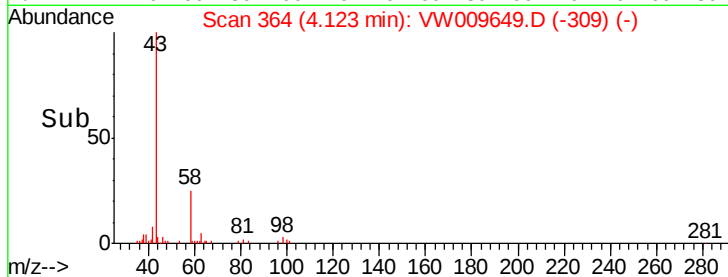
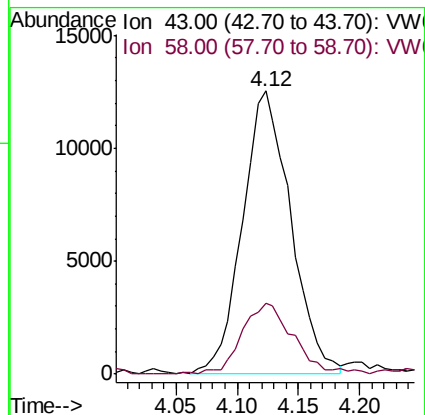
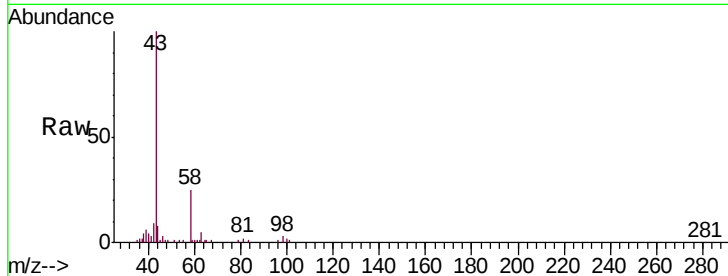
BF599

Tgt Ion: 43 Resp: 34472

Ion Ratio Lower Upper

43 100

58 25.4 0.0 56.2



#16

Methylene chloride

Concen: 3.593 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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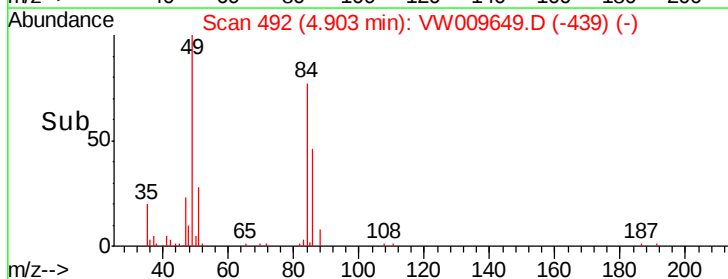
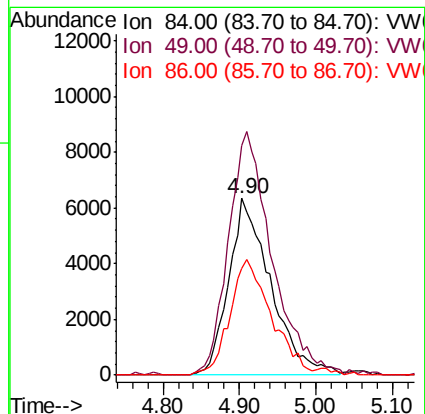
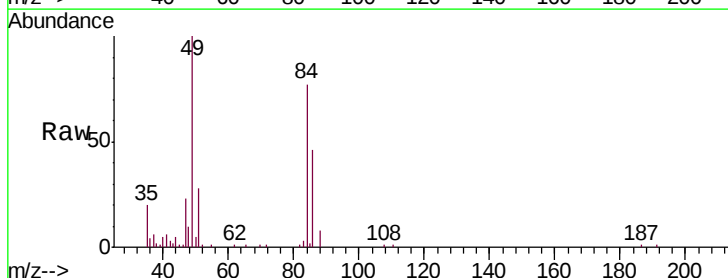
Tgt Ion: 84 Resp: 24244

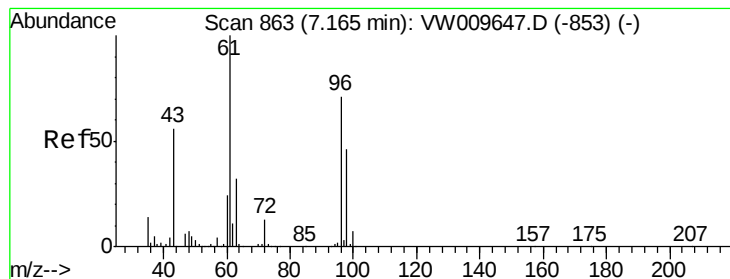
Ion Ratio Lower Upper

84 100

49 129.6 96.0 178.2

86 59.9 44.4 82.5





#21

2-Butanone

Concen: 3.422 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

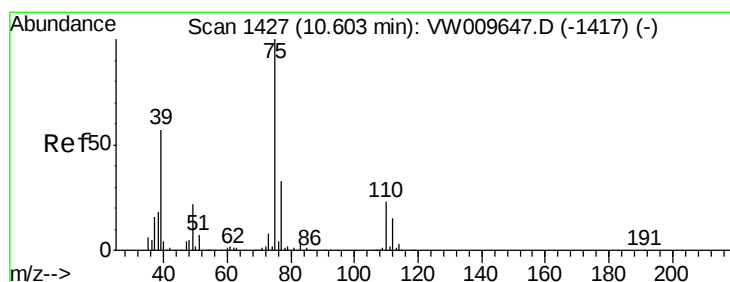
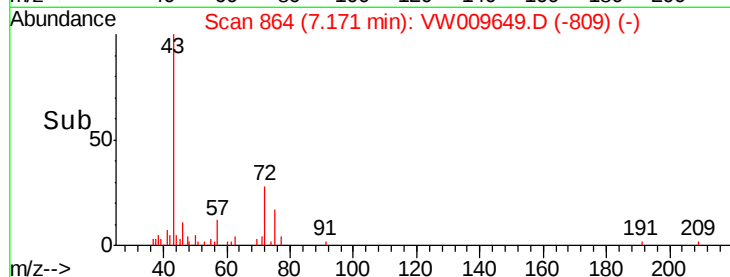
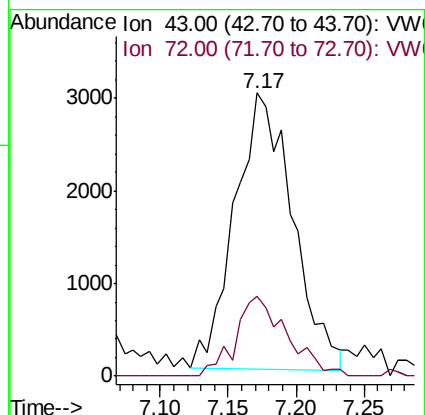
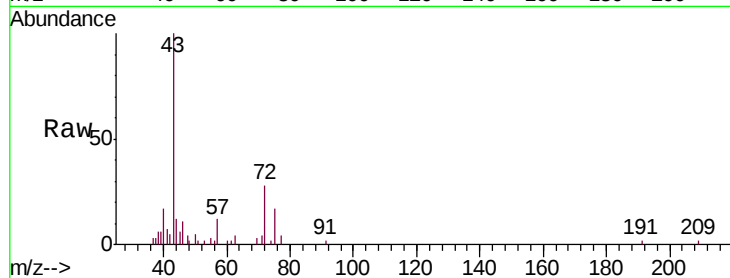
BF599

Tgt Ion: 43 Resp: 8860

Ion Ratio Lower Upper

43 100

72 22.0 13.1 39.1



#45

trans-1,3-Dichloropropene

Concen: 0.460 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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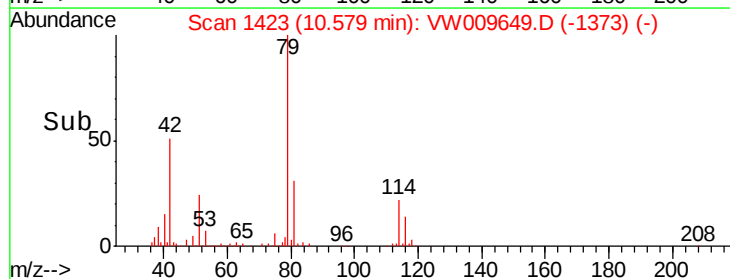
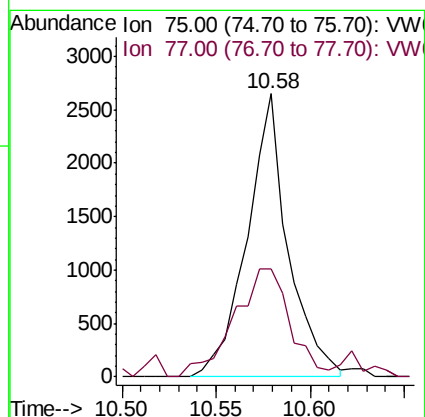
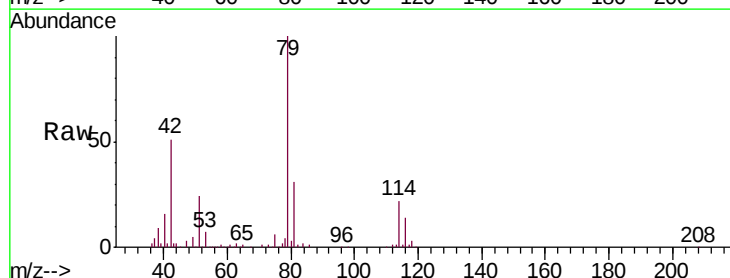
Acq: 02 Apr 2019 11:49

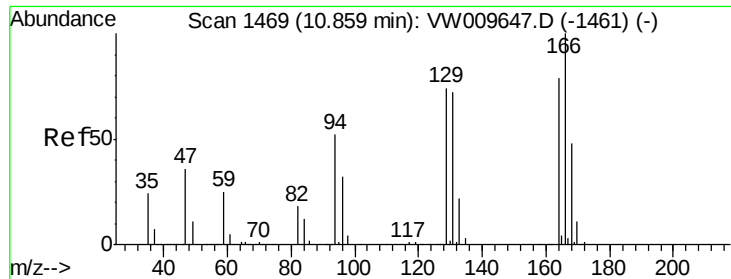
Tgt Ion: 75 Resp: 3996

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.7





#47

Tetrachloroethene

Concen: 0.244 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.01 min

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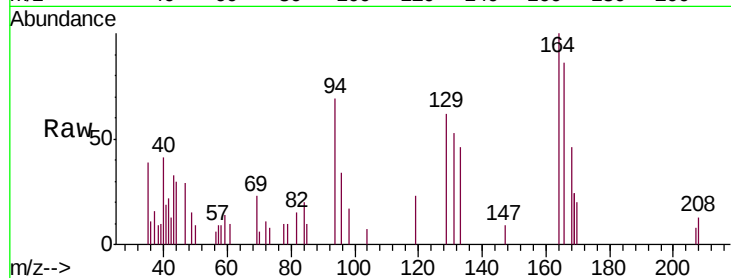
Acq: 02 Apr 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

BF599



Tgt Ion:	164	Resp:	1314
Ion	Ratio	Lower	Upper
164	100		
129	61.7	66.5	123.5#
131	53.5	62.6	116.3#
166	86.1	91.6	170.0#

