

Data File : VU031633.D
Acq On : 30 Apr 2019 14:55
Operator : JC/SP
Sample : K2606-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: May 01 01:42:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	619326	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	598522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	306269	59.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.18%
7) Chloroethane-d5	1.68	69	224982	56.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.34%
11) 1,1-Dichloroethene-d2	2.27	63	454900	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.14%
21) 2-Butanone-d5	4.19	46	480153	102.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	4.64	84	494871	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
26) 1,2-Dichloroethane-d4	5.31	65	348708	56.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.46%
32) Benzene-d6	5.34	84	971578	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.72%
36) 1,2-Dichloropropane-d6	6.32	67	341704	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.70%
41) Toluene-d8	7.56	98	786751	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%
43) trans-1,3-Dichloropropene-	7.85	79	132266	47.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.30%
47) 2-Hexanone-d5	8.31	63	264139	94.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	422626	48.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	223902	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%

Target Compounds

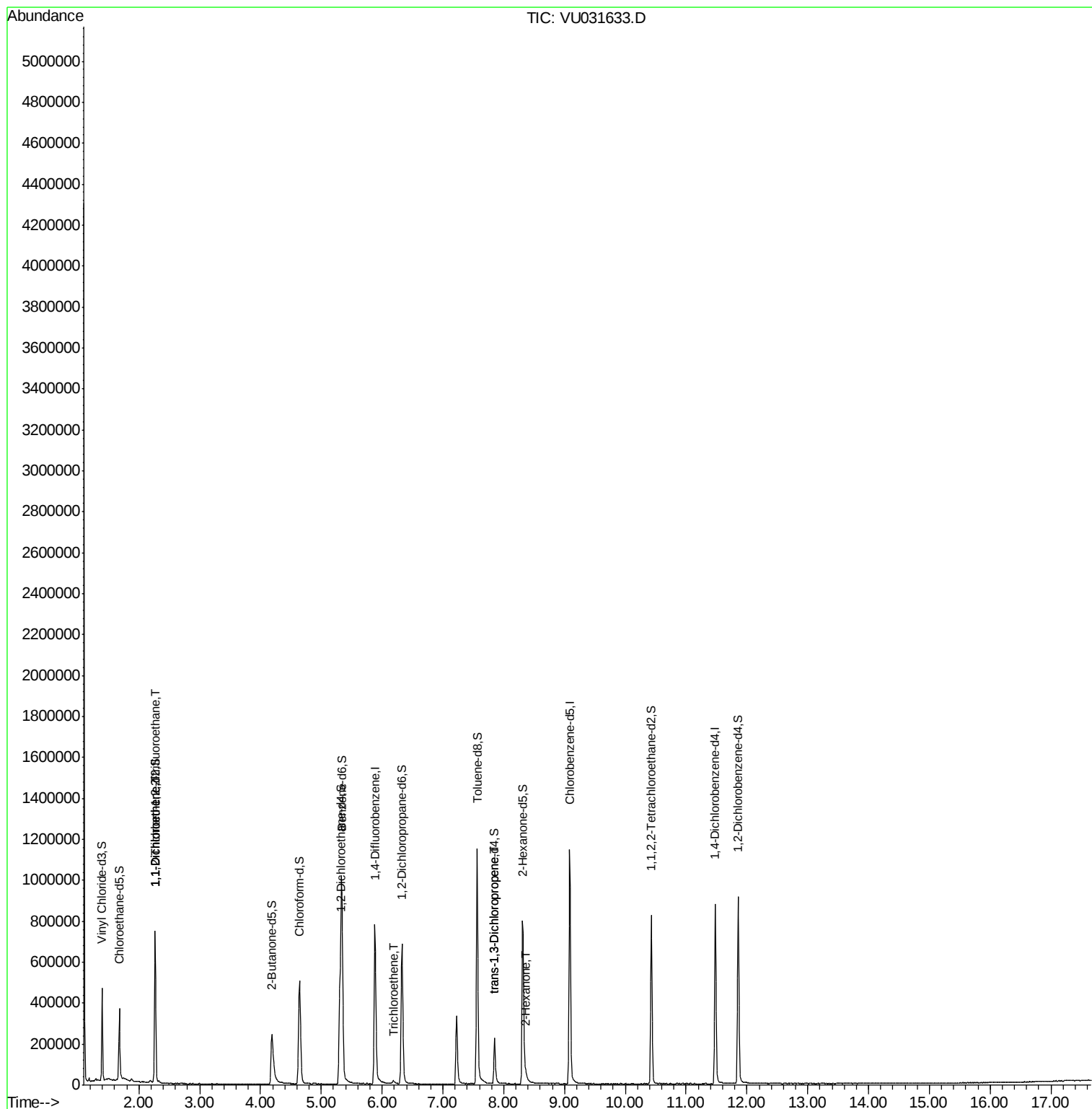
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3308	0.666 ug/L #	24	
12) 1,1-Dichloroethene	2.27	96	2782	0.576 ug/L #	1	
34) Trichloroethene	6.19	95	4245	0.796 ug/L	85	
44) trans-1,3-Dichloropropene	7.85	75	5312	0.709 ug/L #	65	
48) 2-Hexanone	8.37	43	11641	1.498 ug/L #	66	

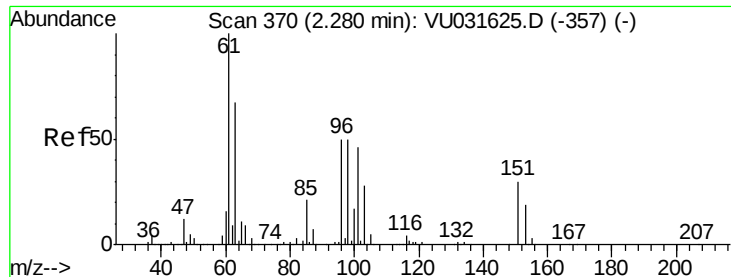
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.666 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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ClientSampleId :

VHBLK02

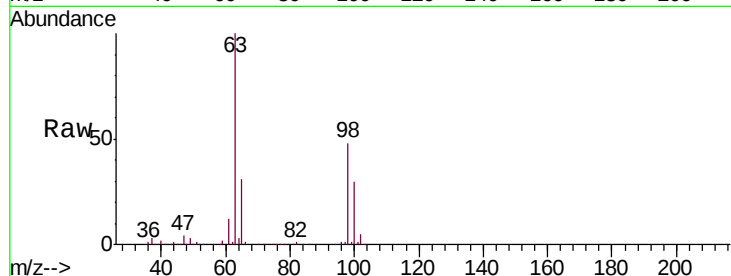
Tgt Ion: 101 Resp: 3308

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

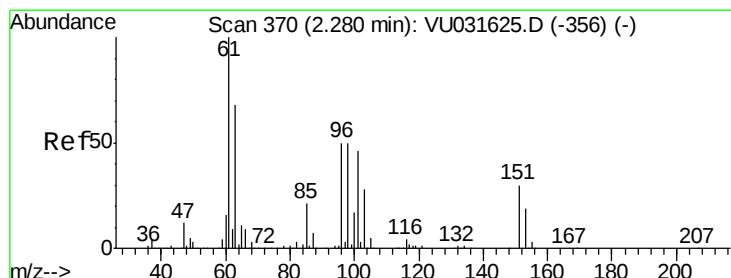
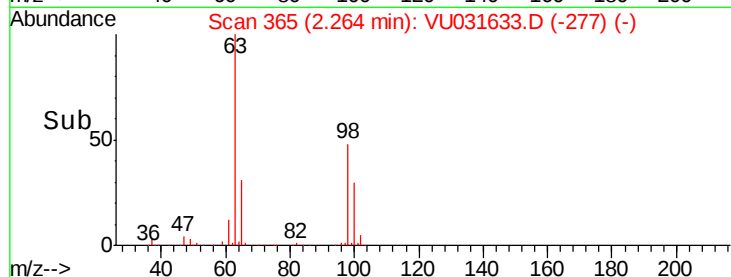
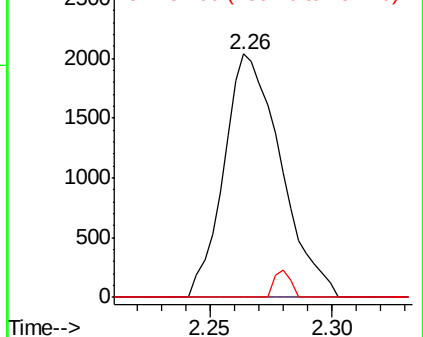
151 3.3 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.576 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031633.D

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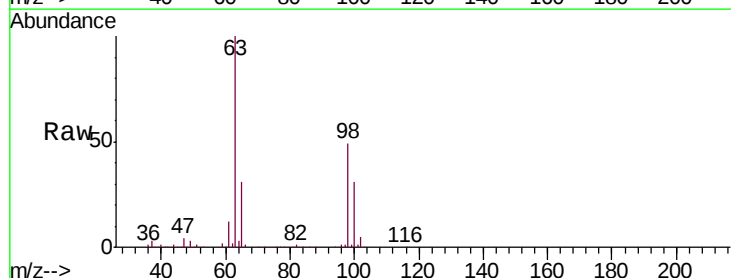
Tgt Ion: 96 Resp: 2782

Ion Ratio Lower Upper

96 100

61 1681.9 135.0 250.6#

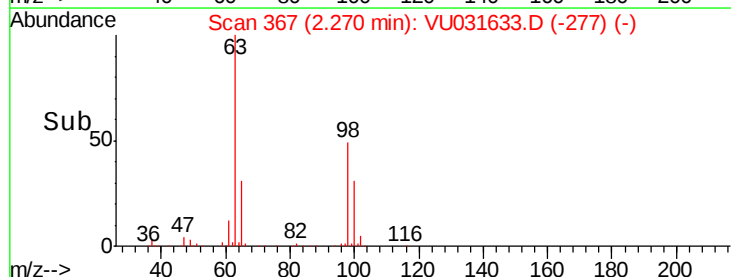
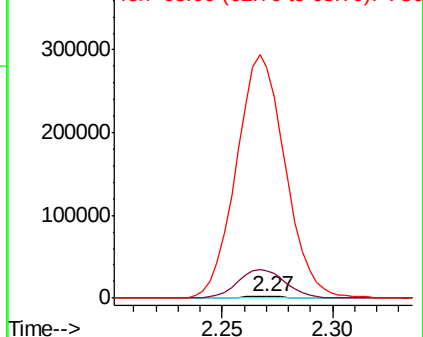
63 14300.1 103.5 192.3#

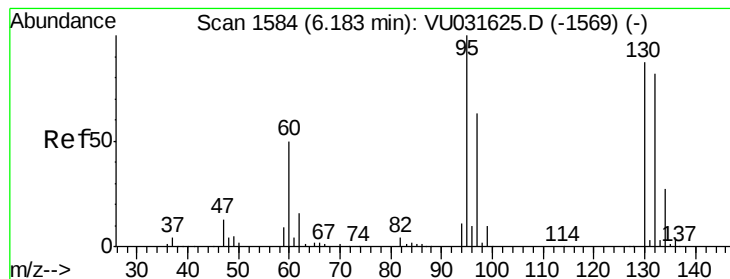


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 0.796 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 95 Resp: 4245

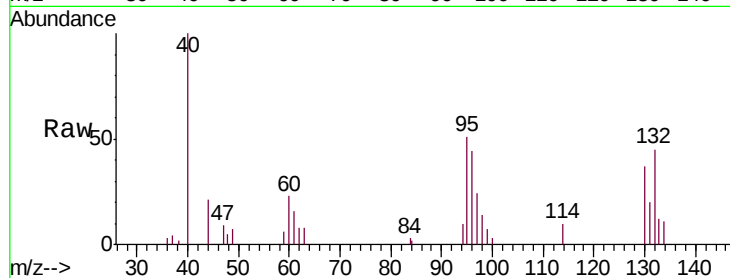
Ion Ratio Lower Upper

95 100

97 46.4 44.8 83.2

132 88.8 63.1 117.1

130 73.0 66.5 123.5

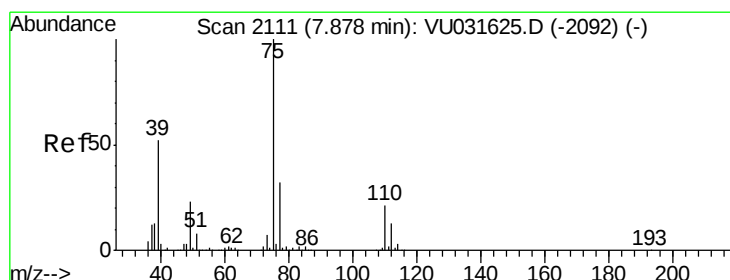
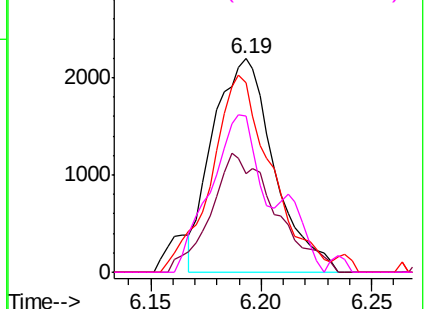
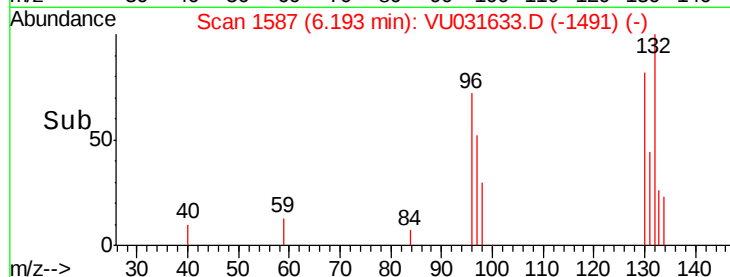


Abundance Ion 95.00 (94.70 to 95.70): VU031633.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031633.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031633.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031633.D (-1491) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.709 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031633.D

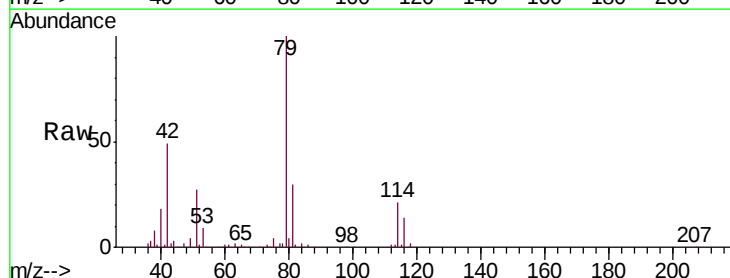
Acq: 30 Apr 2019 14:55

Tgt Ion: 75 Resp: 5312

Ion Ratio Lower Upper

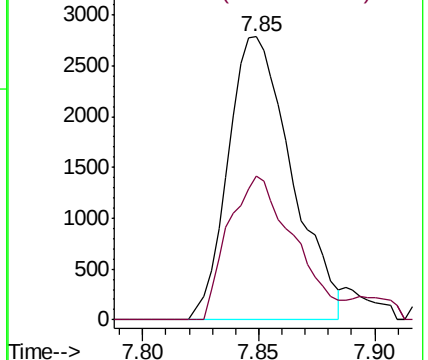
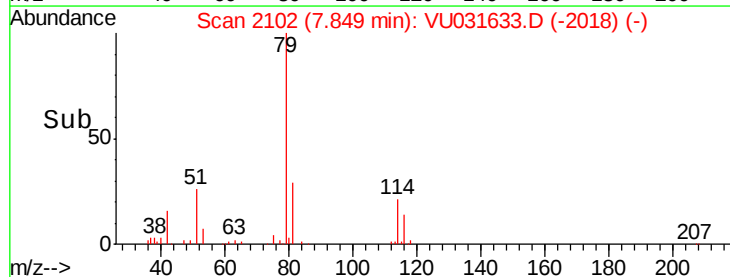
75 100

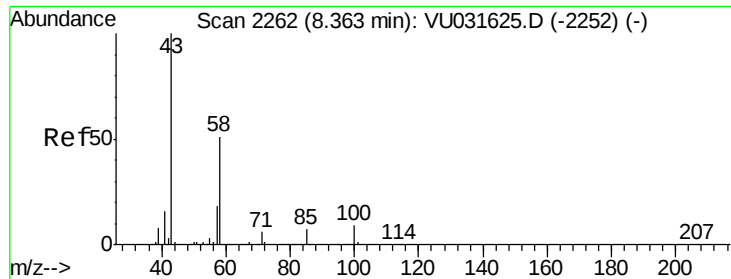
77 50.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031633.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU031633.D (-2018) (-)





#48
 2-Hexanone
 Concen: 1.498 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031633.D
 Acq: 30 Apr 2019 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 43 Resp: 11641
 Ion Ratio Lower Upper
 43 100
 58 26.5 42.1 63.1#
 57 35.2 14.6 22.0#
 100 13.5 7.2 10.8#

