

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031042.D
 Acq On : 11 Apr 2019 04:37
 Operator : JC/SP
 Sample : K2339-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC73

Quant Time: Apr 11 08:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498514	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	224172	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	180849	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.58%
11) 1,1-Dichloroethene-d2	2.27	63	314296	38.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.26%
21) 2-Butanone-d5	4.17	46	390919	108.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.24%
24) Chloroform-d	4.64	84	362798	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
26) 1,2-Dichloroethane-d4	5.30	65	251104	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.74%
32) Benzene-d6	5.33	84	760358	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
36) 1,2-Dichloropropane-d6	6.32	67	257165	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.12%
41) Toluene-d8	7.56	98	664578	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%
43) trans-1,3-Dichloropropene-	7.85	79	108926	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	8.31	63	226770	99.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	351561	52.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	242074	56.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.64%

Target Compounds

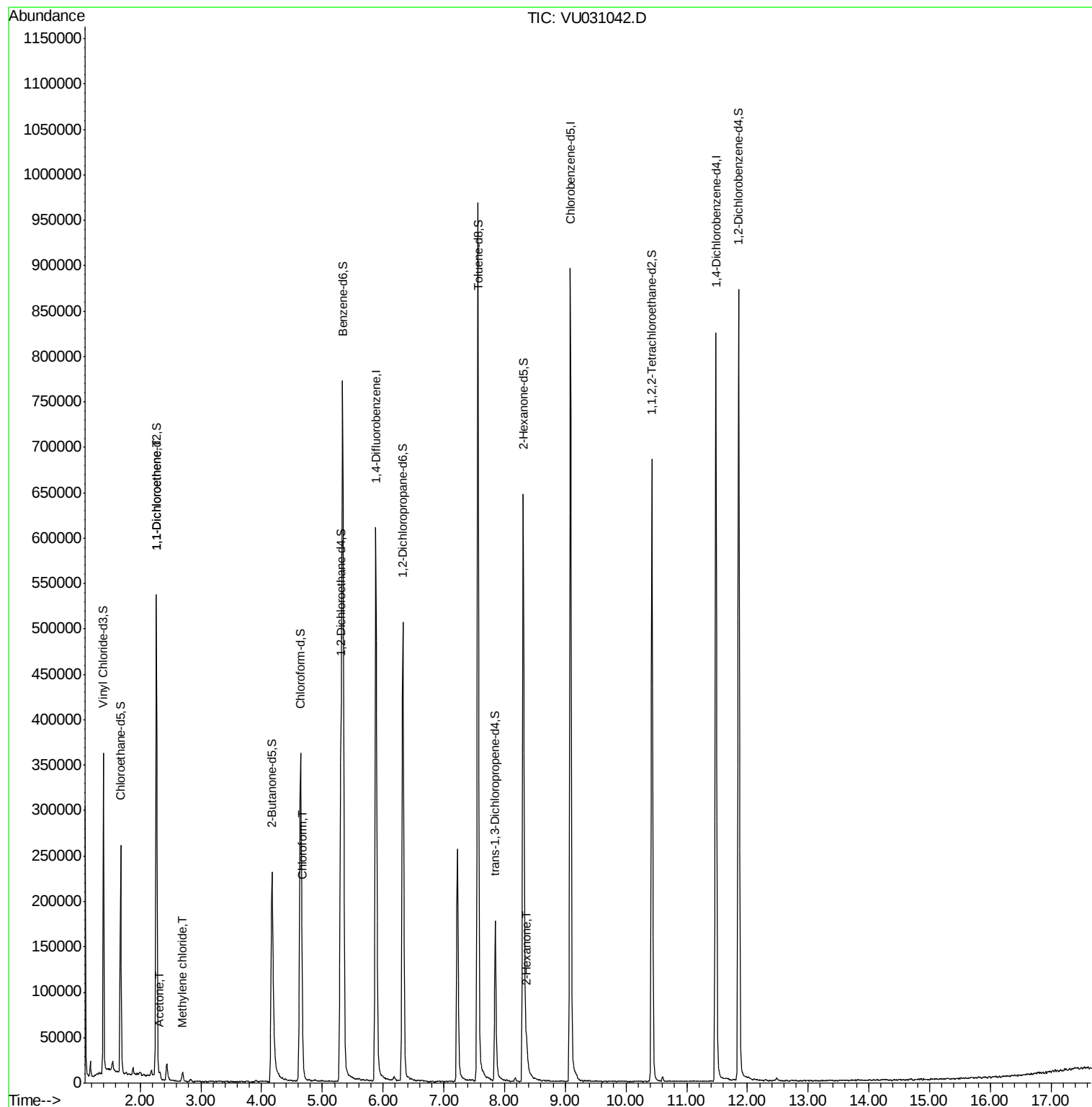
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	2297	0.651	ug/L #	1
13) Acetone	2.32	43	5080	1.375	ug/L	97
16) Methylene chloride	2.70	84	4242	0.990	ug/L	97
25) Chloroform	4.67	83	19792	2.547	ug/L	96
48) 2-Hexanone	8.36	43	13353	2.304	ug/L #	56

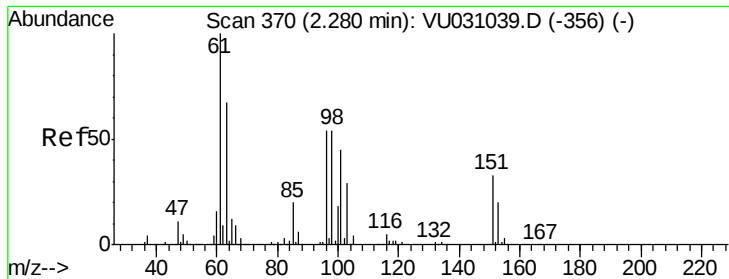
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 08:09:01 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.651 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031042.D

Acq: 11 Apr 2019 04:37

Instrument :

MSVOA_U

ClientSampleId :

BFC73

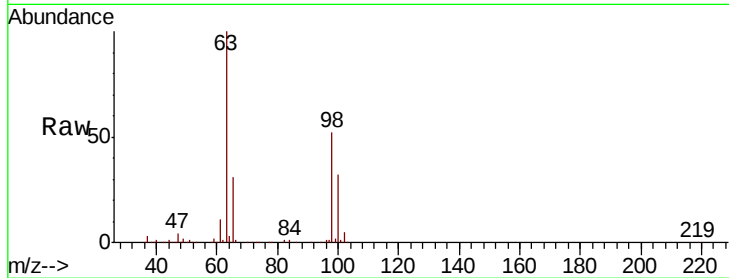
Tot Ion: 96 Resp: 2297

Ion Ratio Lower Upper

96 100

61 1483.9 132.0 245.2#

63 12963.5 90.9 168.9#

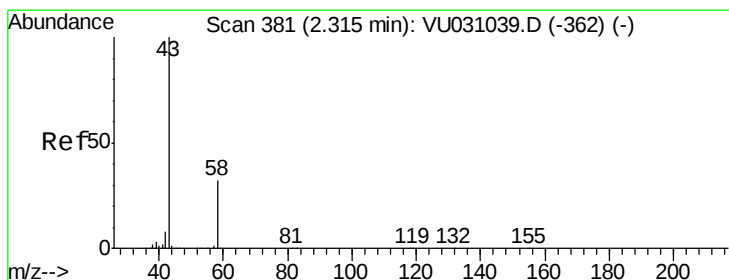
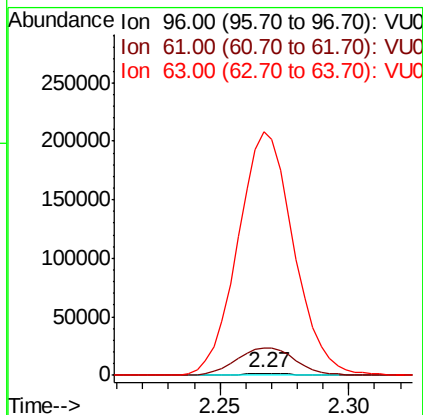
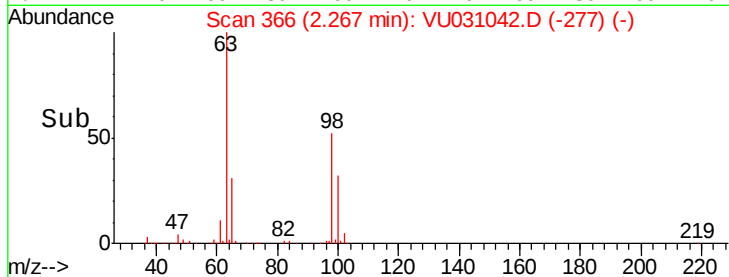


Abundance Ion 96.00 (95.70 to 96.70): VU031039.D (-356) (-)

Ion 61.00 (60.70 to 61.70): VU031039.D (-356) (-)

Ion 63.00 (62.70 to 63.70): VU031039.D (-356) (-)

Time-->



#13

Acetone

Concen: 1.375 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031042.D

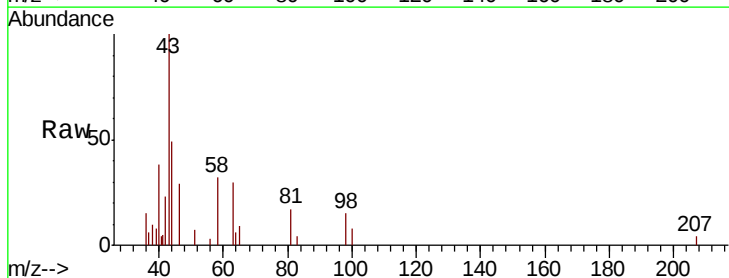
Acq: 11 Apr 2019 04:37

Tgt Ion: 43 Resp: 5080

Ion Ratio Lower Upper

43 100

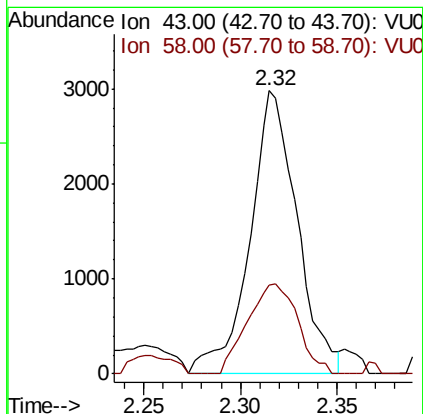
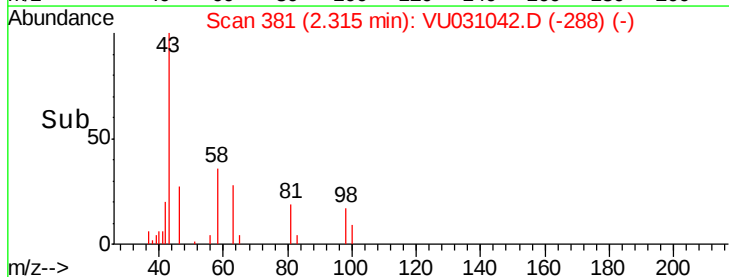
58 33.9 0.0 64.0

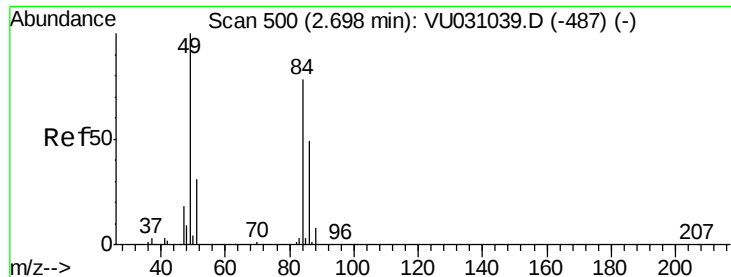


Abundance Ion 43.00 (42.70 to 43.70): VU031039.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031039.D (-362) (-)

Time-->

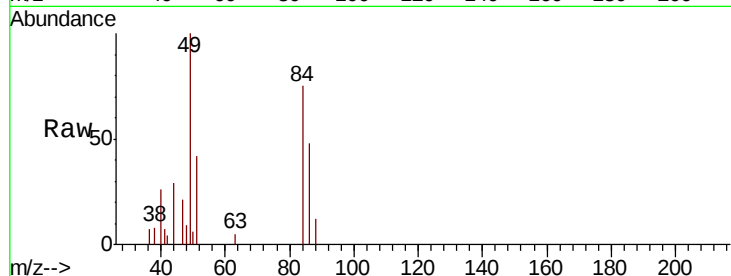




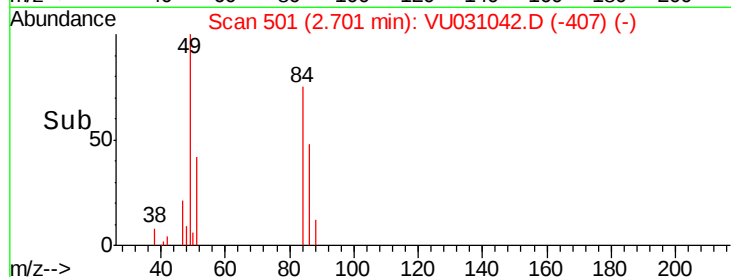
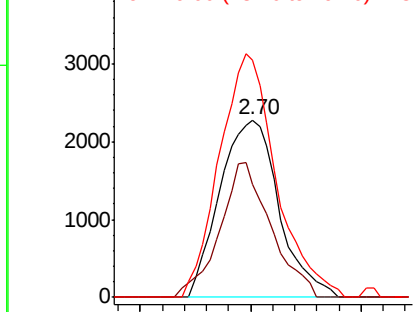
#16
Methvlene chloride
Concen: 0.990 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU031042.D
Acq: 11 Apr 2019 04:37

Instrument :
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Tot Ion: 84 Resp: 4242
Ion Ratio Lower Upper
84 100
86 63.9 45.1 83.7
49 133.4 96.5 179.1

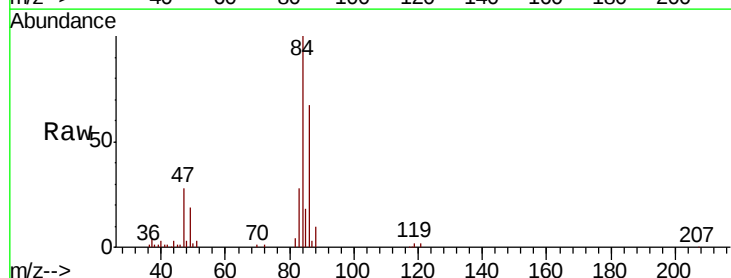
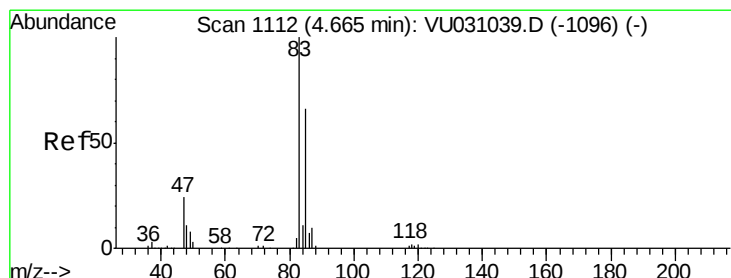


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

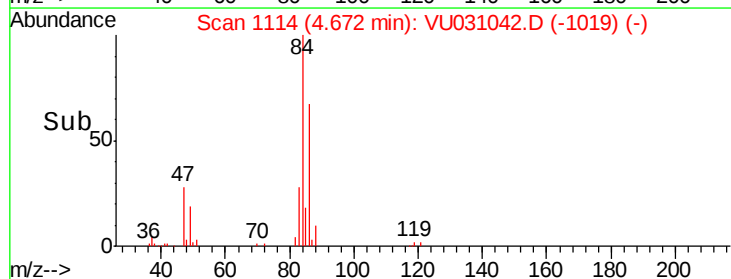
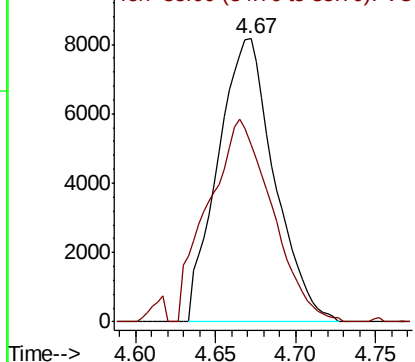


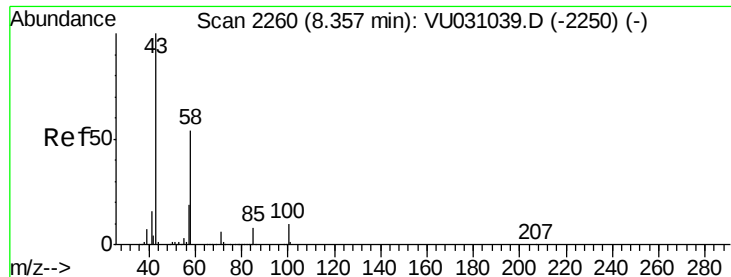
#25
Chloroform
Concen: 2.547 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031042.D
Acq: 11 Apr 2019 04:37

Tgt Ion: 83 Resp: 19792
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





#48

2-Hexanone

Concen: 2.304 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031042.D

Acq: 11 Apr 2019 04:37

Instrument :

MSVOA_U

ClientSampleId :

BFC73

Tot Ion: 43 Resp: 13353

Ion Ratio Lower Upper

43 100

58 12.0 41.9 62.9#

57 8.4 14.3 21.5#

100 4.8 7.1 10.7#

