

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018955.D
 Acq On : 16 Oct 2020 22:23
 Operator : SY/MD
 Sample : L4426-11ME
 Misc : 5.42G/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y6ME

Quant Time: Oct 17 06:05:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	319500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	149035	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	114622	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.90%
7) Chloroethane-d5	1.57	69	88162	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.34%
11) 1,1-Dichloroethene-d2	2.10	63	179208	36.40	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.80%
21) 2-Butanone-d5	3.92	46	128776	70.84	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.84%
24) Chloroform-d	4.37	84	203392	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
26) 1,2-Dichloroethane-d4	5.05	65	150674	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.07	84	409008	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.09	67	134222	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.02%
41) Toluene-d8	7.34	98	372668	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%
43) trans-1,3-Dichloropropene-	7.64	79	62827	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.14	63	91078	82.21	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135185	38.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	145265	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

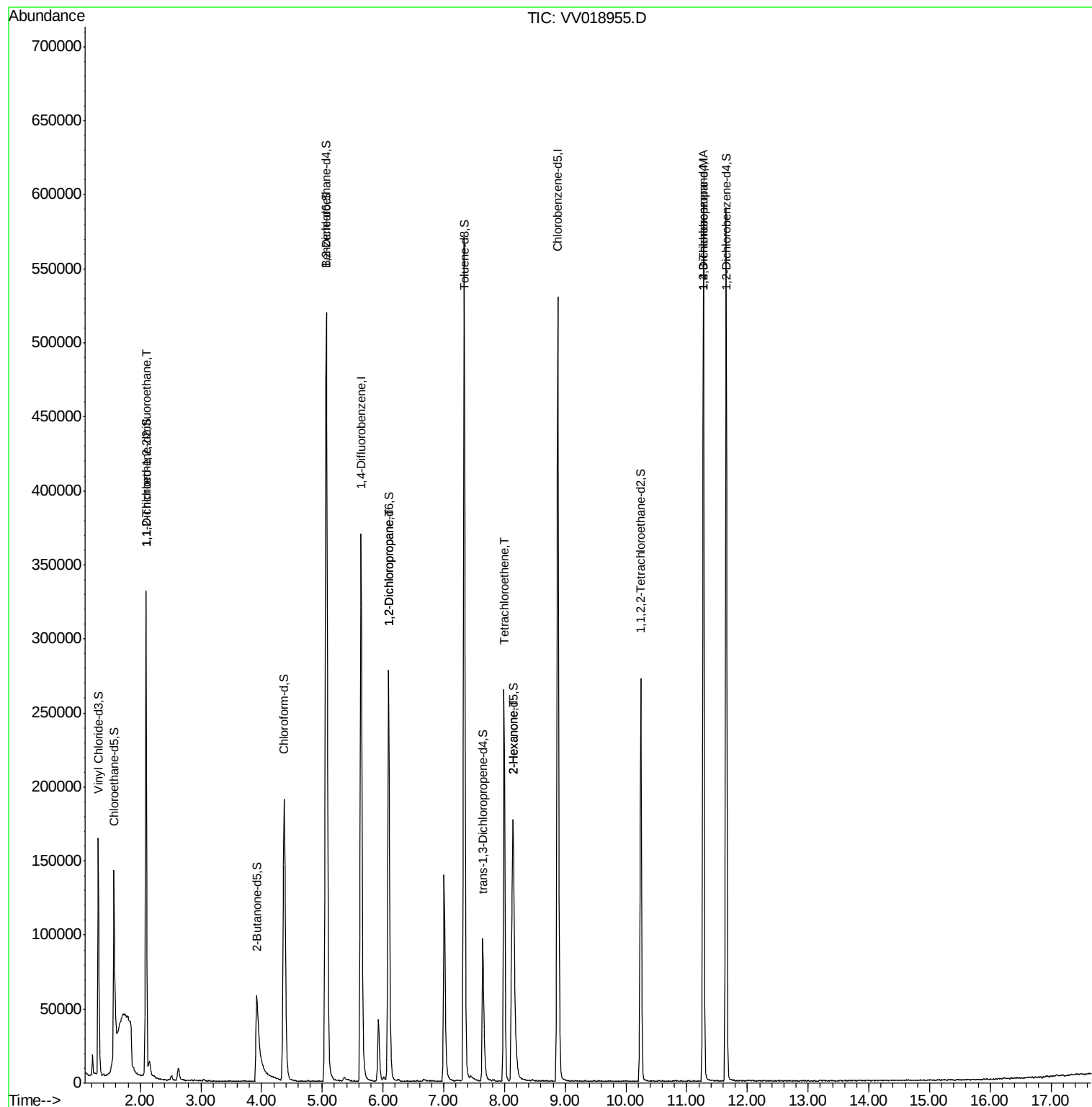
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1593	0.775 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	15754	6.009 ug/L #	88
46) Tetrachloroethene	8.00	164	59177	29.730 ug/L	98
48) 2-Hexanone	8.14	43	13028	4.544 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	18161	5.722 ug/L #	87

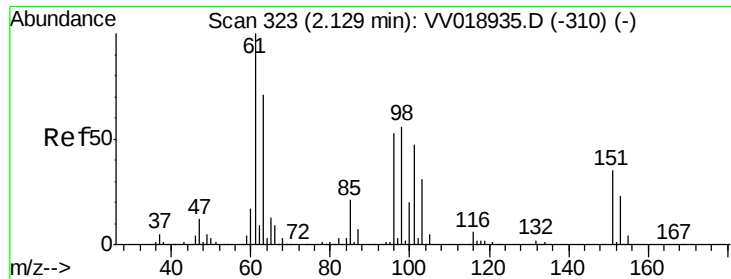
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.775 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.03 min

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Acq: 16 Oct 2020 22:23

Instrument :

MSVOA_V

ClientSampleId :

BG3Y6ME

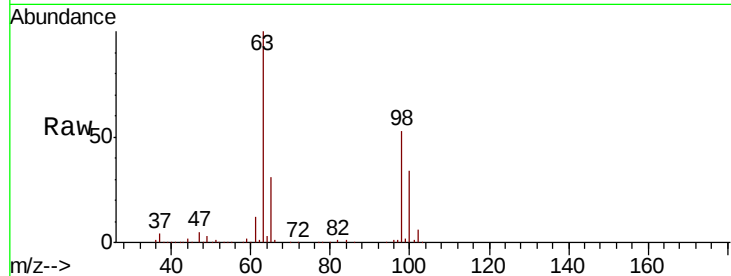
Tot Ion:101 Resp: 1593

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

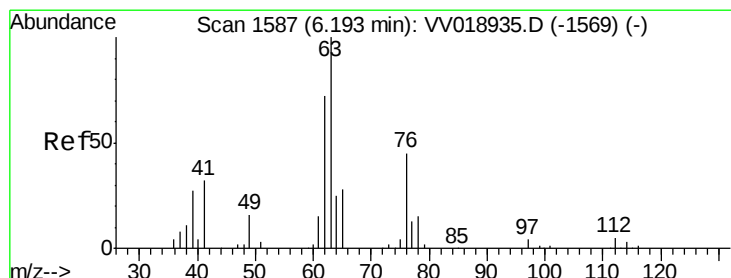
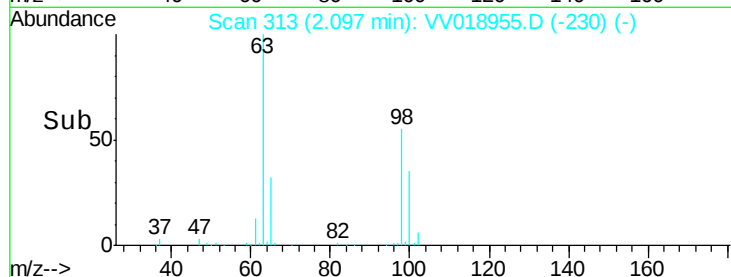
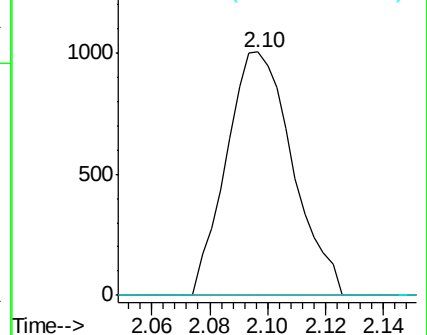
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 6.009 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV018955.D

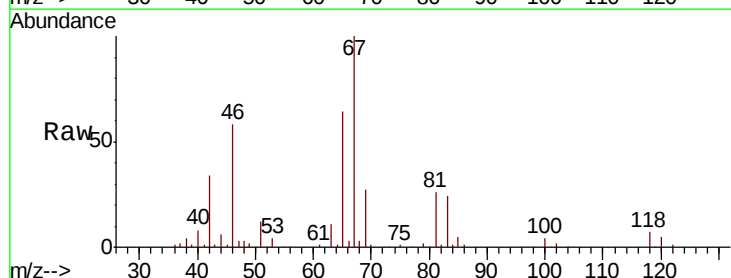
Acq: 16 Oct 2020 22:23

Tgt Ion: 63 Resp: 15754

Ion Ratio Lower Upper

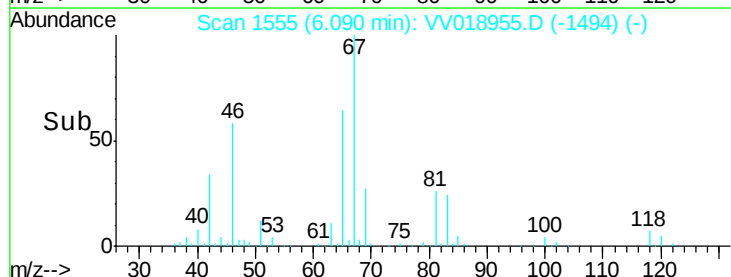
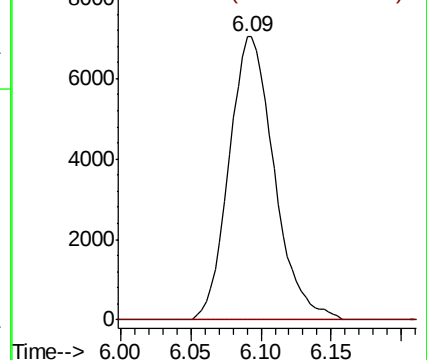
63 100

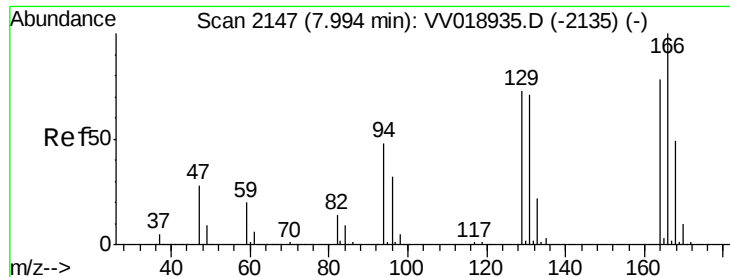
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 29.730 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018955.D

Acq: 16 Oct 2020 22:23

Instrument :

MSVOA_V

ClientSampleId :

BG3Y6ME

Tot Ion:164 Resp: 59177

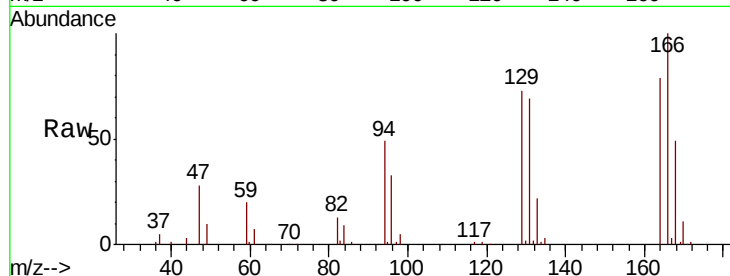
Ion Ratio Lower Upper

164 100

129 92.4 65.0 120.8

131 87.8 62.9 116.7

166 127.0 91.1 169.3

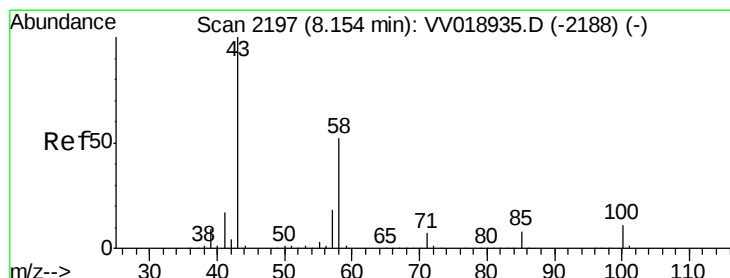
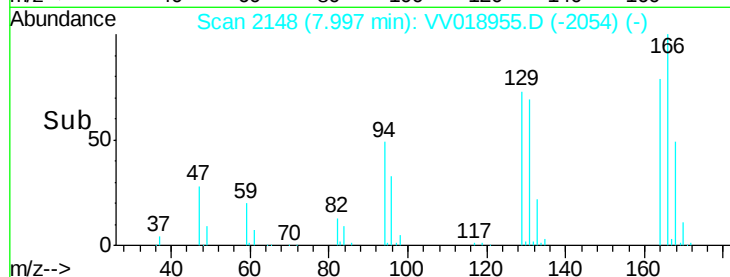
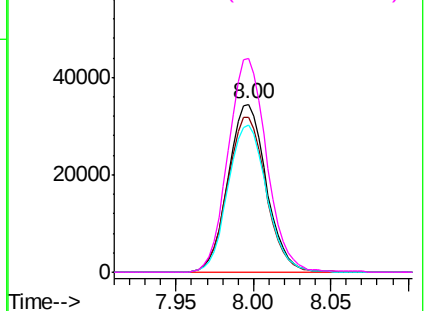


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.544 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VV018955.D

Acq: 16 Oct 2020 22:23

Tgt Ion: 43 Resp: 13028

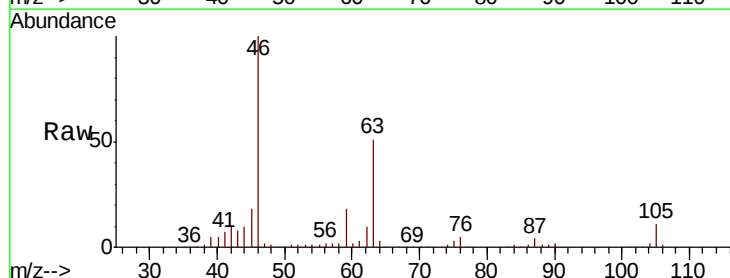
Ion Ratio Lower Upper

43 100

58 22.2 42.5 63.7#

57 14.8 14.5 21.7

100 0.3 9.0 13.4#

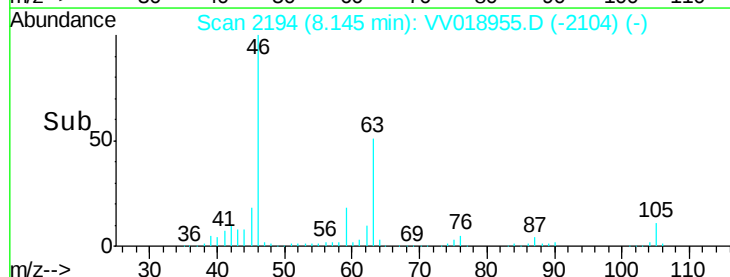
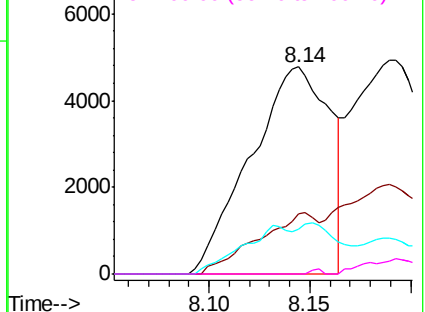


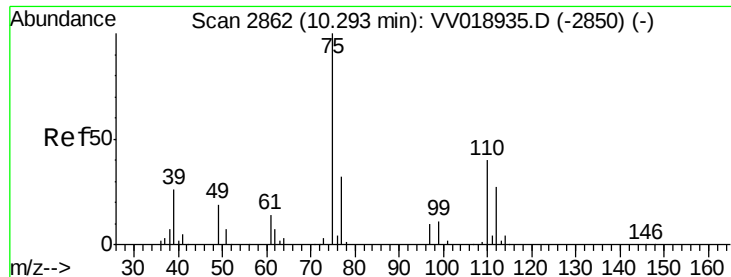
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 5.722 ug/L
 RT: 11.27 min Scan# 3167
 Delta R.T. 0.98 min
 Lab File: VV018955.D
 Acq: 16 Oct 2020 22:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y6ME

Tot Ion: 75 Resp: 18161
 Ion Ratio Lower Upper
 75 100
 77 38.8 25.4 38.2#

