

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031623\
 Data File : VV030221.D
 Acq On : 16 Mar 2023 13:55
 Operator : SY/MD
 Sample : 01884-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 17 05:48:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

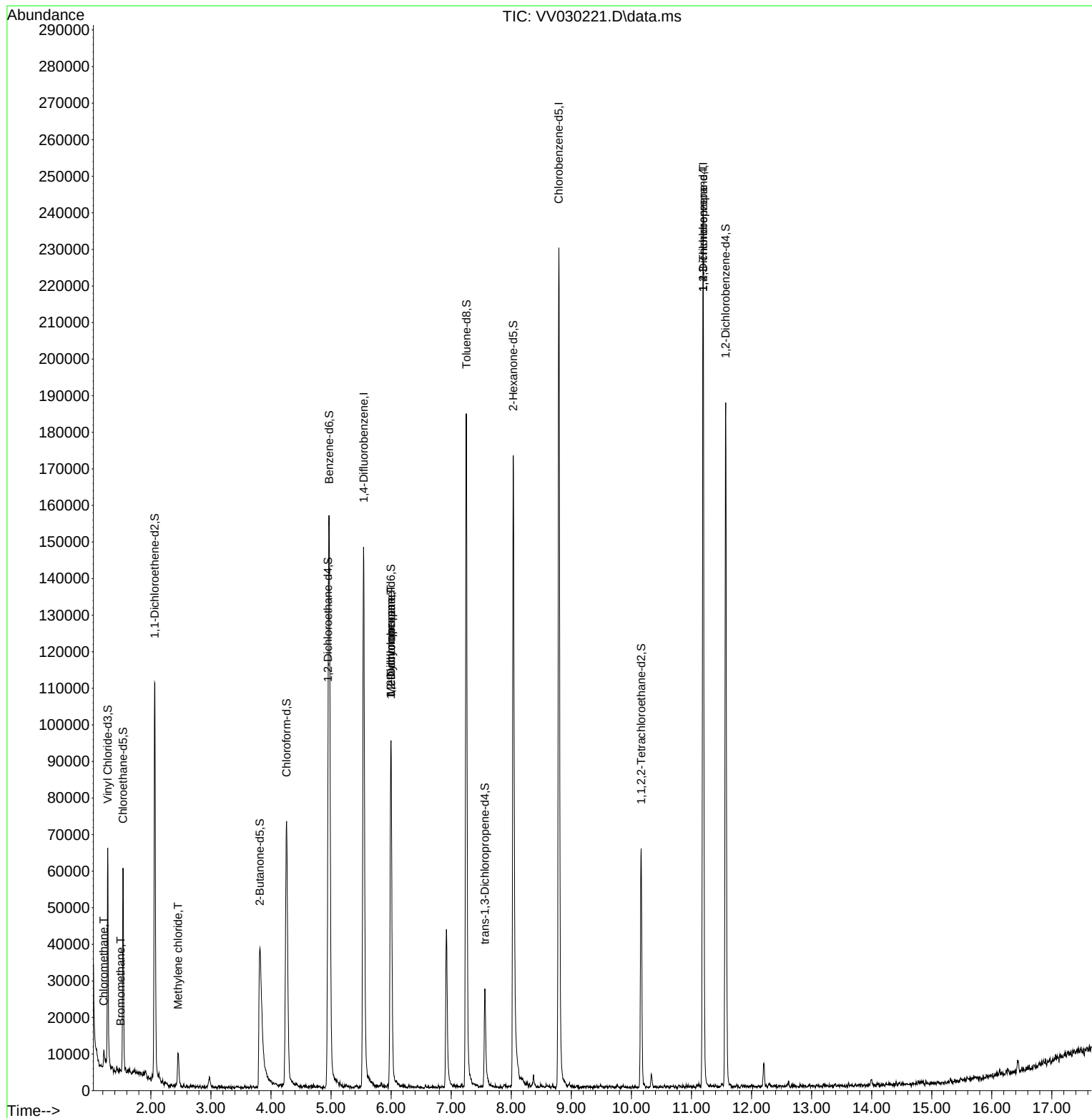
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125704	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	38633	4.750	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.535	69	34229	4.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.063	63	59629	3.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	3.812	46	82235	54.838	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.680%	
24) Chloroform-d	4.259	84	77514	4.665	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	4.950	65	37884	5.585	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.800%	
32) Benzene-d6	4.969	84	140439	4.229	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	5.998	67	44030	4.407	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.252	98	124220	3.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	7.561	79	16195	4.738	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5	8.034	63	63316	44.775	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.540%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30987	4.360	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	46364	4.374	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.400%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2396	0.149	ug/L	96
6) Bromomethane	1.494	94	357	0.186	ug/L #	62
16) Methylene chloride	2.455	84	3806	0.369	ug/L	93
35) Methylcyclohexane	5.998	83	11273	0.789	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	5499	0.641	ug/L #	90
61) 1,2,3-Trichloropropane	11.194	75	7435	1.773	ug/L #	65

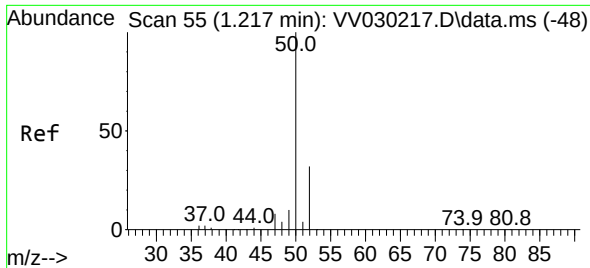
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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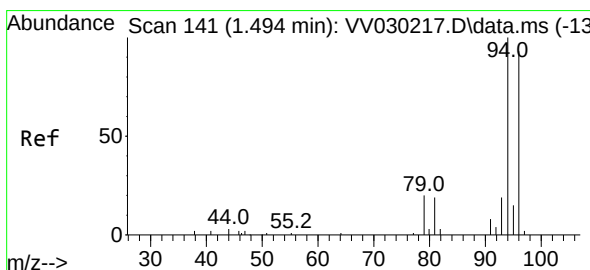
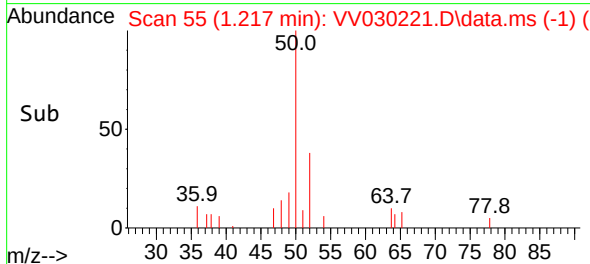
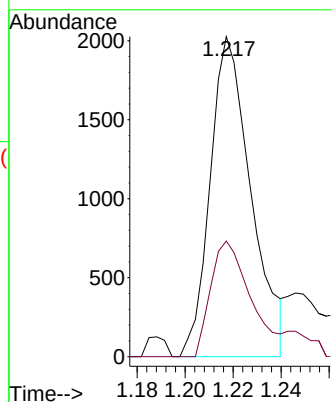
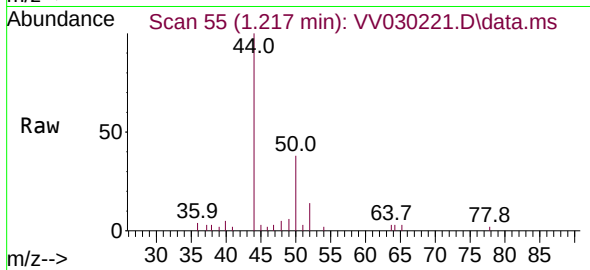




#3
Chloromethane
Concen: 0.149 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030221.D
Acq: 16 Mar 2023 13:55

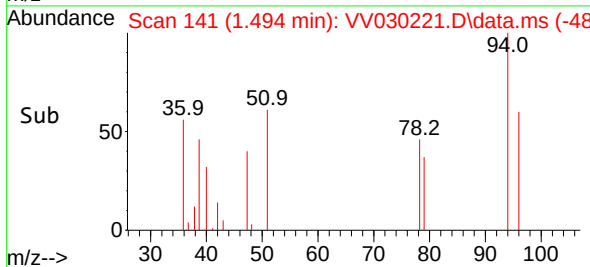
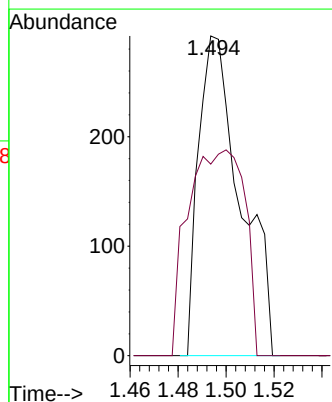
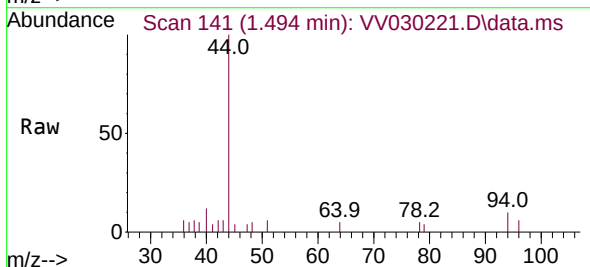
Instrument :
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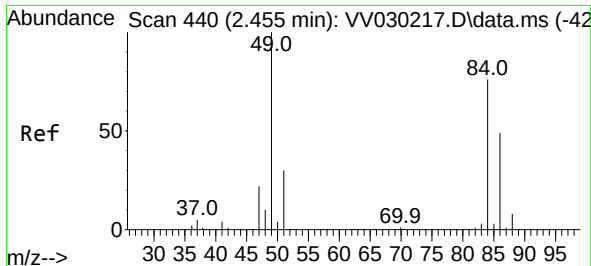
Tgt Ion: 50 Resp: 2396
Ion Ratio Lower Upper
50 100
52 36.1 23.6 43.8



#6
Bromomethane
Concen: 0.186 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV030221.D
Acq: 16 Mar 2023 13:55

Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 59.9 68.4 127.0#

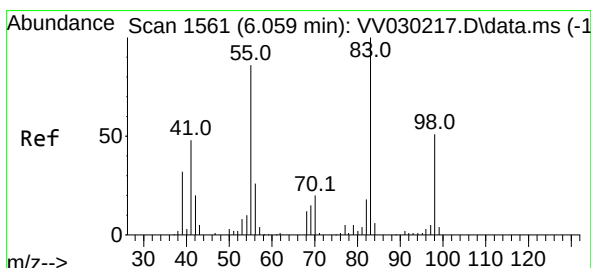
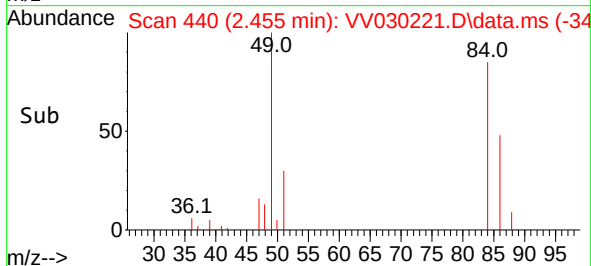
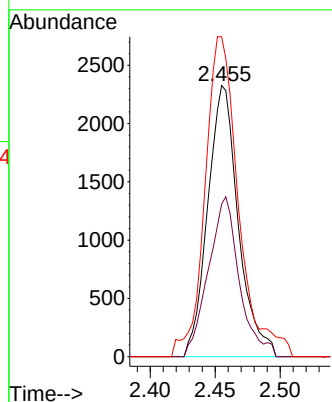
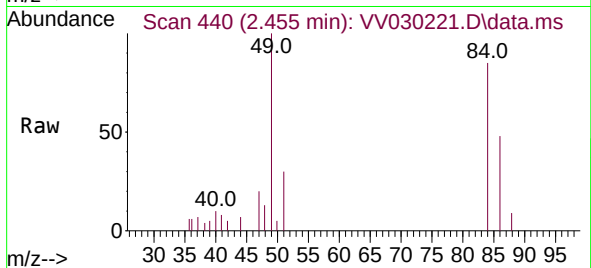




#16
Methylene chloride
Concen: 0.369 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030221.D
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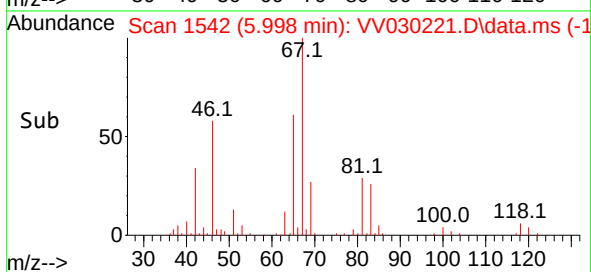
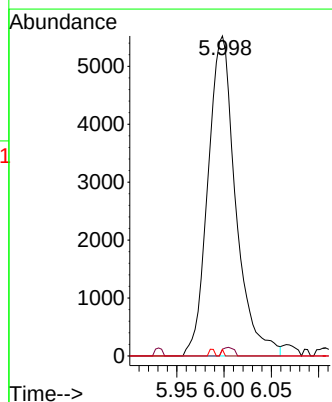
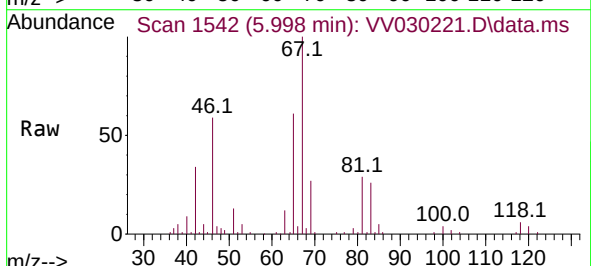
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MSVOA_V
ClientSampleId :
VHBLK001

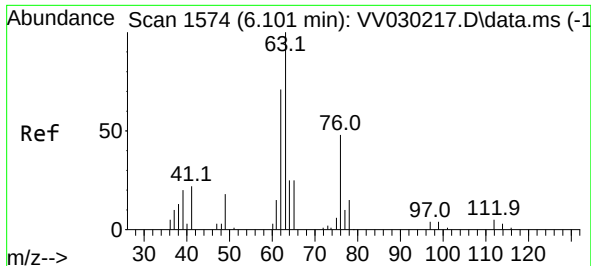
Tgt Ion: 84 Resp: 3806
Ion Ratio Lower Upper
84 100
86 56.3 44.7 83.1
49 117.9 78.8 146.3



#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030221.D
Acq: 16 Mar 2023 13:55

Tgt Ion: 83 Resp: 11273
Ion Ratio Lower Upper
83 100
55 1.1 57.6 86.4#
98 0.2 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV030221.D

Acq: 16 Mar 2023 13:55

Instrument :

MSVOA_V

ClientSampleId :

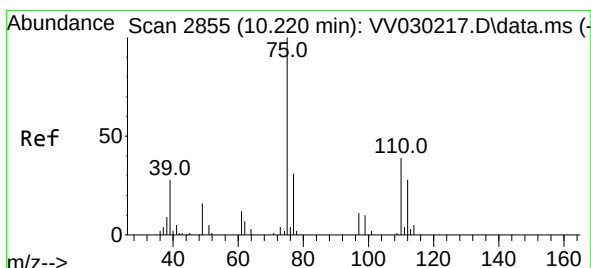
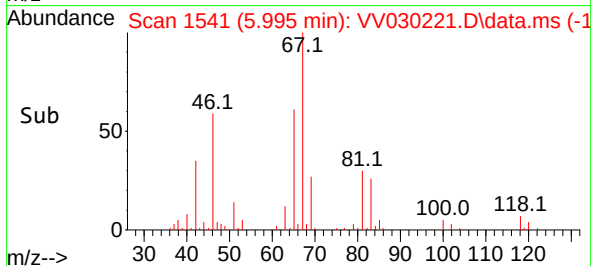
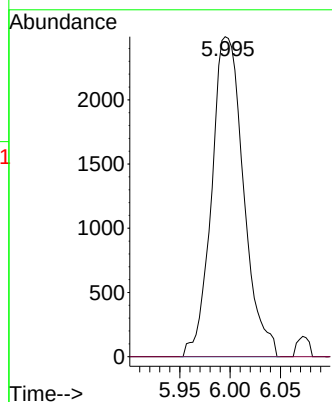
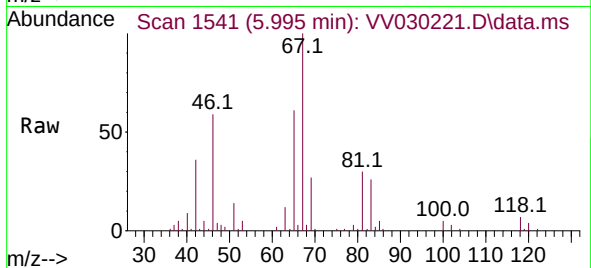
VHBLK001

Tgt Ion: 63 Resp: 5499

Ion Ratio Lower Upper

63 100

112 1.3 3.8 5.6#



#61

1,2,3-Trichloropropane

Concen: 1.773 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.974 min

Lab File: VV030221.D

Acq: 16 Mar 2023 13:55

Tgt Ion: 75 Resp: 7435

Ion Ratio Lower Upper

75 100

77 36.8 26.5 39.7

110 3.4 31.8 47.6#

