

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033823.D
 Acq On : 23 Jan 2024 12:24
 Operator : SY/MD
 Sample : P1190-20DL 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:03:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

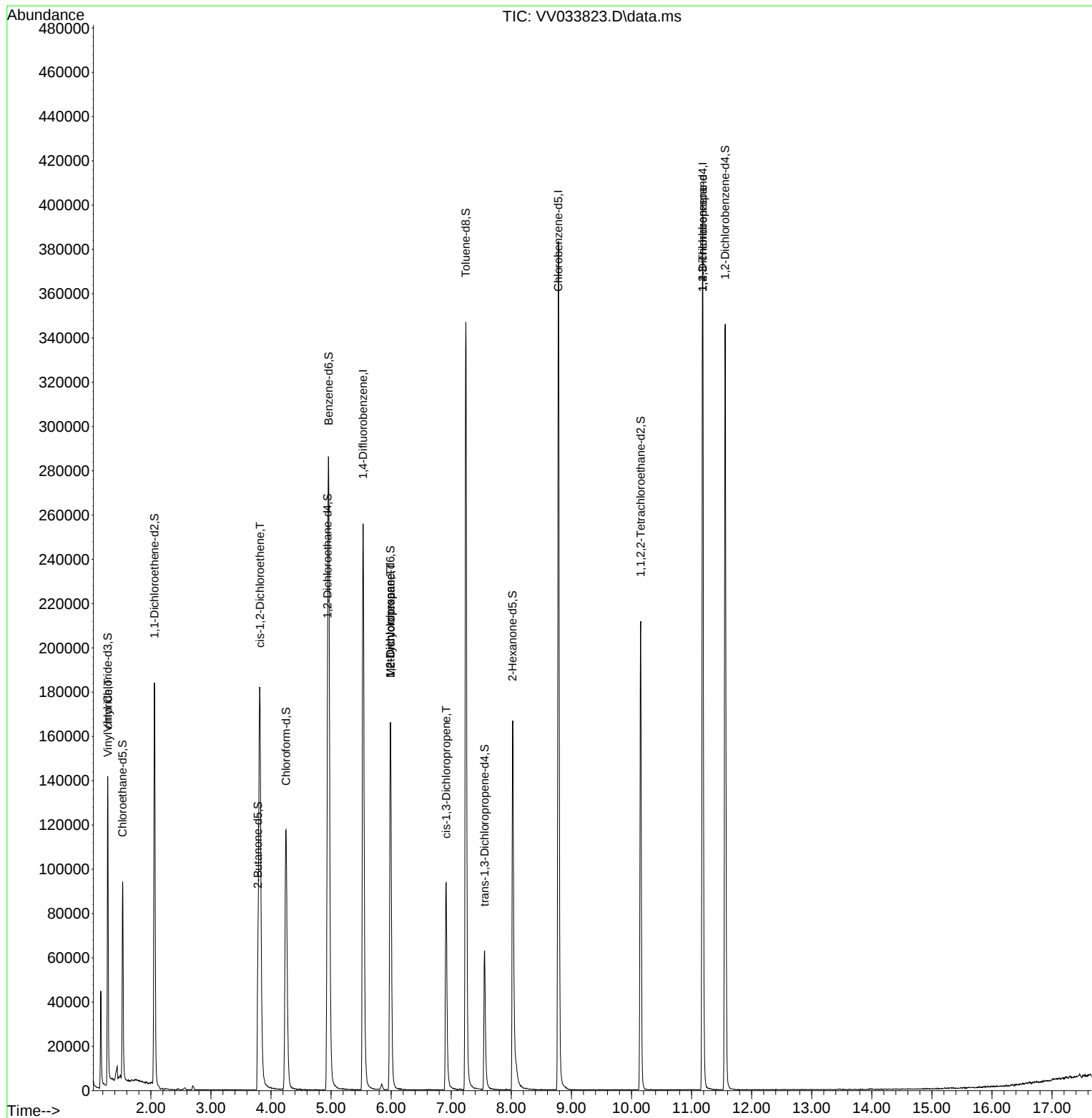
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	217850	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	202065	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100236	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	64684	38.634	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.260%	
7) Chloroethane-d5	1.529	69	57483	43.354	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	86.700%	
11) 1,1-Dichloroethene-d2	2.060	65	31110	43.175	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.340%	
21) 2-Butanone-d5	3.783	46	83653	72.843	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	72.840%	
24) Chloroform-d	4.249	84	125137	41.799	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	4.940	65	86170	44.547	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.100%	
32) Benzene-d6	4.960	84	251594	43.797	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	5.989	67	78139	41.323	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	82.640%	
41) Toluene-d8	7.243	98	229015	44.246	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.500%	
43) trans-1,3-Dichloroprop...	7.555	79	37562	40.193	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.380%	
47) 2-Hexanone-d5	8.021	63	57255	72.997	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	73.000%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	98077	40.628	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.260%	
66) 1,2-Dichlorobenzene-d4	11.561	152	87273	45.891	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.780%	
Target Compounds						
5) Vinyl chloride	1.285	62	28190	14.299	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	93165	57.317	ug/L	95
35) Methylcyclohexane	5.989	83	19089	7.006	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	9730	5.958	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	2783	1.020	ug/L #	68
61) 1,2,3-Trichloropropane	11.185	75	12282	6.904	ug/L #	67

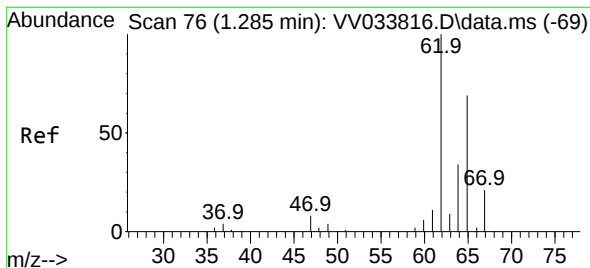
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 14.299 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033823.D

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Instrument :

MSVOA_V

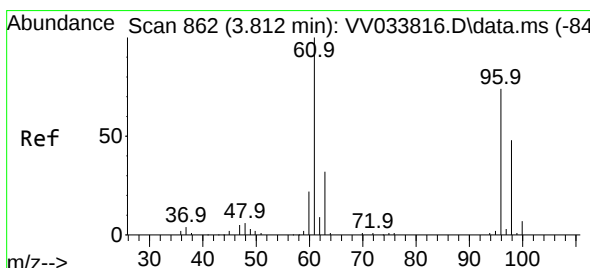
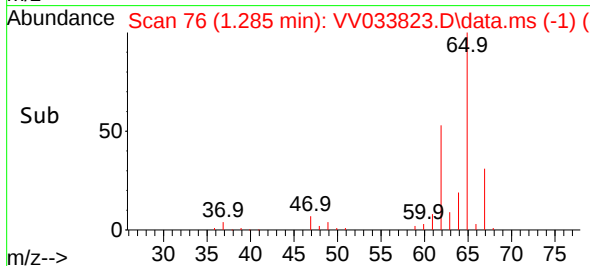
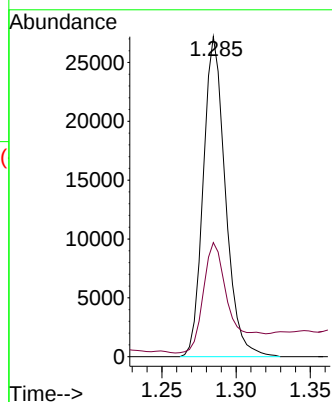
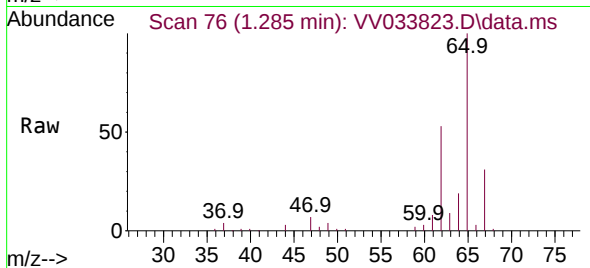
ClientSampleId :

Tgt Ion: 62 Resp: 28190

Ion Ratio Lower Upper

62 100

64 35.7 23.2 43.0



#20

cis-1,2-Dichloroethene

Concen: 57.317 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033823.D

Acq: 23 Jan 2024 12:24

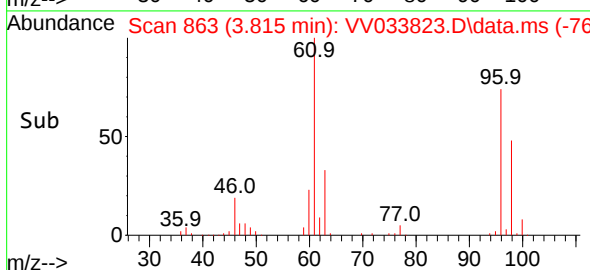
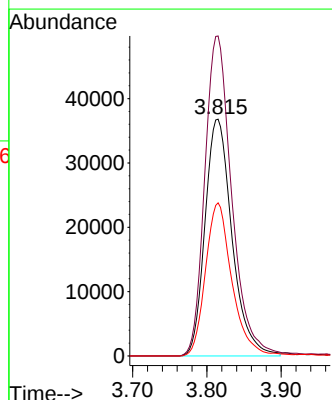
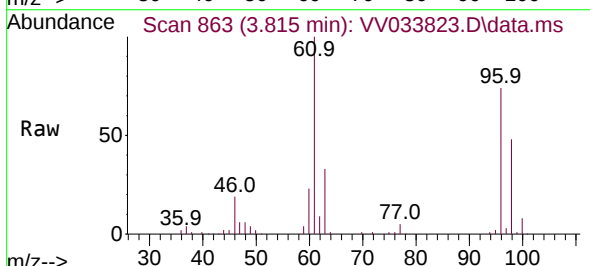
Tgt Ion: 96 Resp: 93165

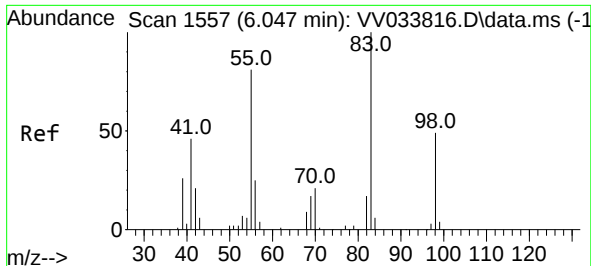
Ion Ratio Lower Upper

96 100

61 135.1 100.6 186.8

98 64.6 44.6 82.8

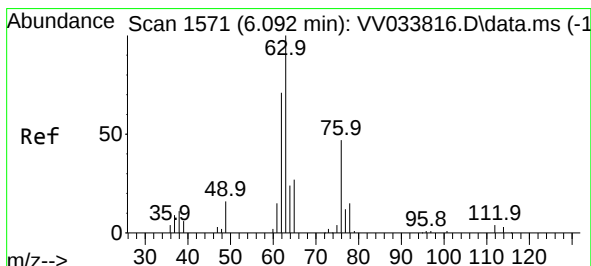
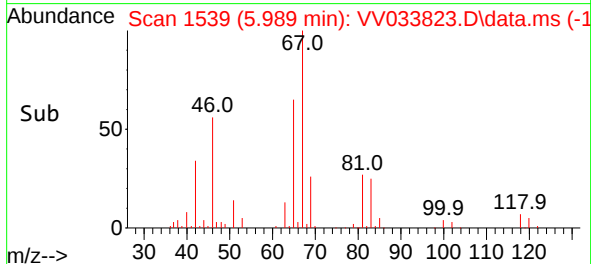
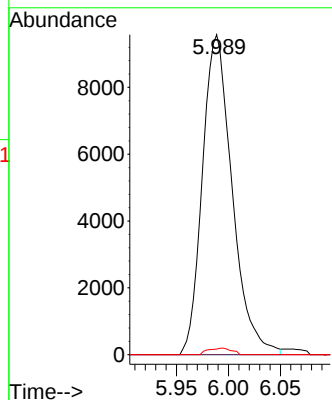
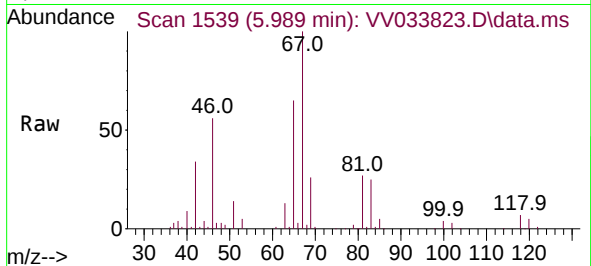




#35
Methylcyclohexane
Concen: 7.006 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033823.D
Acq: 23 Jan 2024 12:24

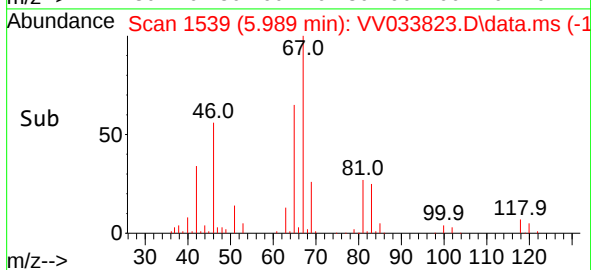
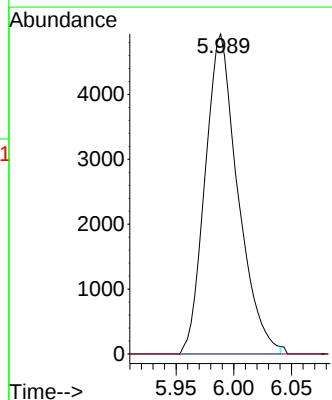
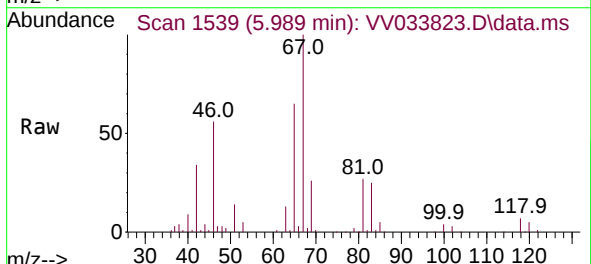
Instrument :
MSVOA_V
ClientSampleId :

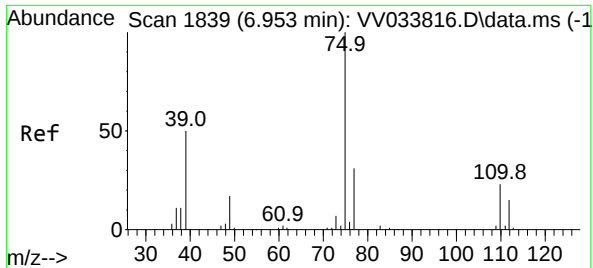
Tgt Ion: 83 Resp: 19089
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 1.6 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 5.958 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033823.D
Acq: 23 Jan 2024 12:24

Tgt Ion: 63 Resp: 9730
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.020 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033823.D

Acq: 23 Jan 2024 12:24

Instrument :

MSVOA_V

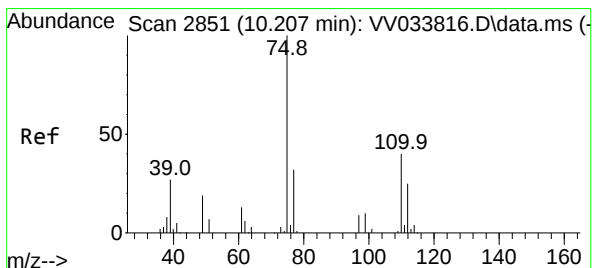
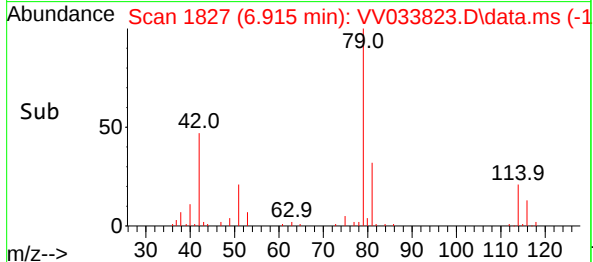
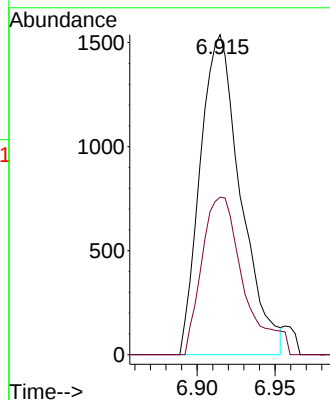
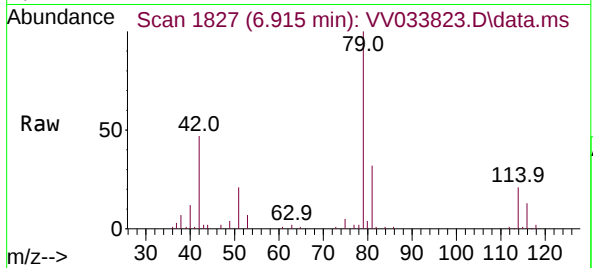
ClientSampleId :

Tgt Ion: 75 Resp: 2783

Ion Ratio Lower Upper

75 100

77 49.2 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 6.904 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033823.D

Acq: 23 Jan 2024 12:24

Tgt Ion: 75 Resp: 12282

Ion Ratio Lower Upper

75 100

77 34.6 25.3 37.9

110 3.0 29.5 44.3#

