

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025834.D
 Acq On : 03 Aug 2018 21:31
 Operator : MD/SY
 Sample : J4340-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F74

Quant Time: Aug 06 08:48:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	317549	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292802	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77349	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.34%
7) Chloroethane-d5	1.68	69	66915	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.27	63	126833	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	4.18	46	138911	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.65	84	177159	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.31	65	123469	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.35	84	345216	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
36) 1,2-Dichloropropane-d6	6.34	67	110922	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.68%
41) Toluene-d8	7.57	98	315376	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.85	79	52960	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.70%
47) 2-Hexanone-d5	8.31	63	98931	97.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	151431	44.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	120653	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%

Target Compounds

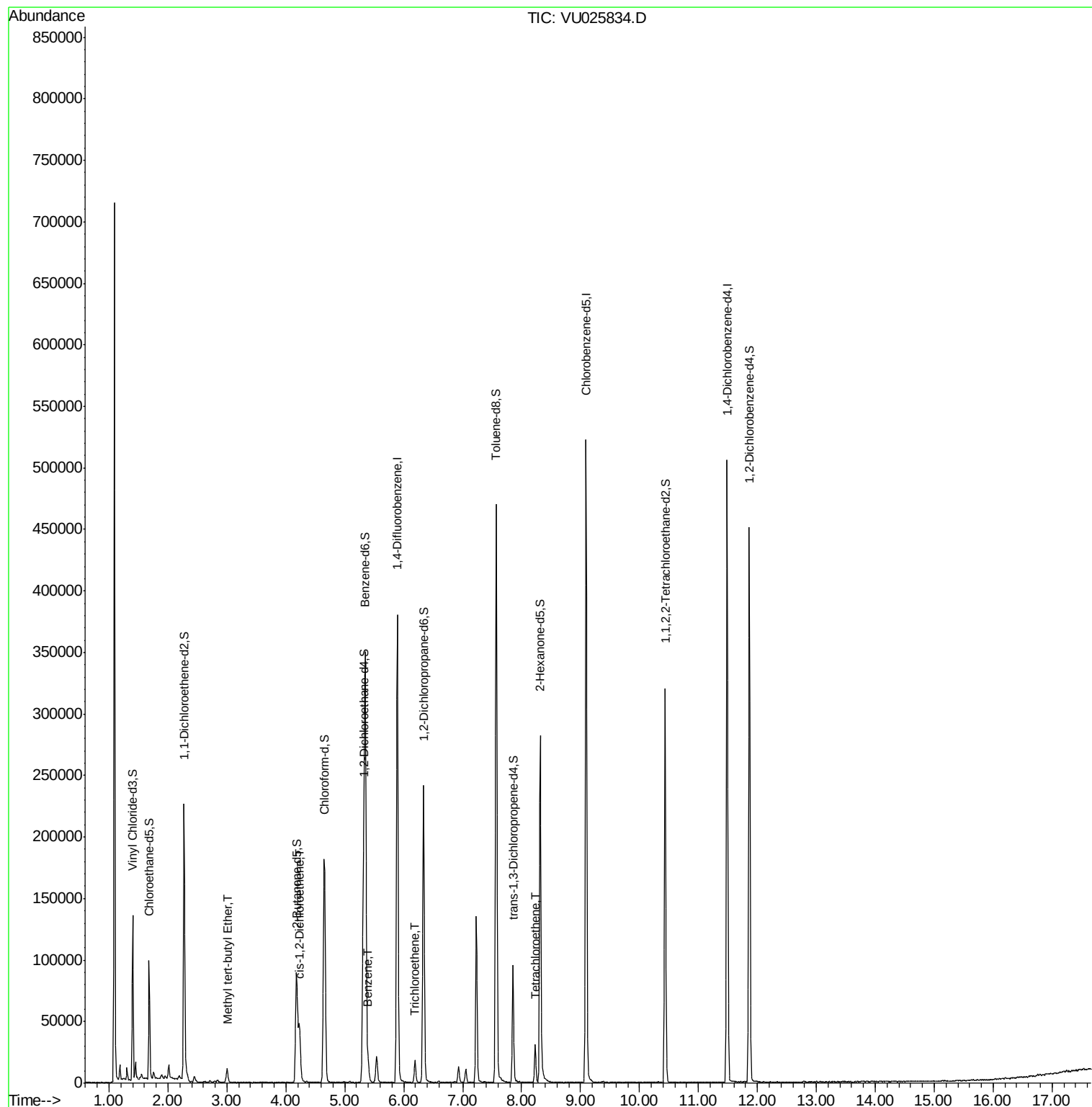
					Ovalue
18) Methyl tert-butyl Ether	3.01	73	10877	1.62 ug/L	# 82
20) cis-1,2-Dichloroethene	4.23	96	21016	9.02 ug/L	98
33) Benzene	5.39	78	15813	1.88 ug/L	100
34) Trichloroethene	6.19	95	6102	2.73 ug/L	95
46) Tetrachloroethene	8.23	164	7438	3.84 ug/L	95

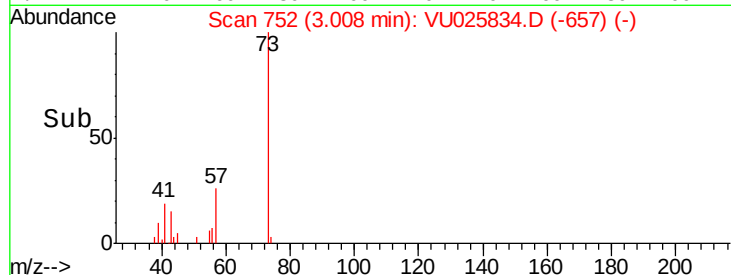
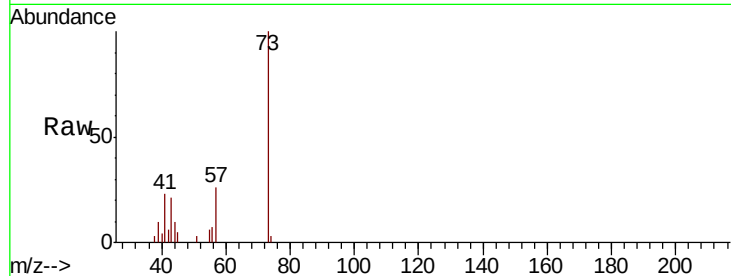
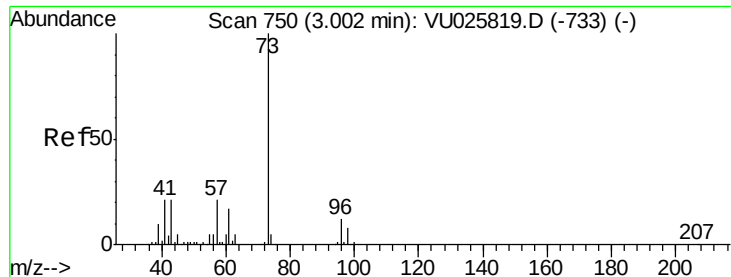
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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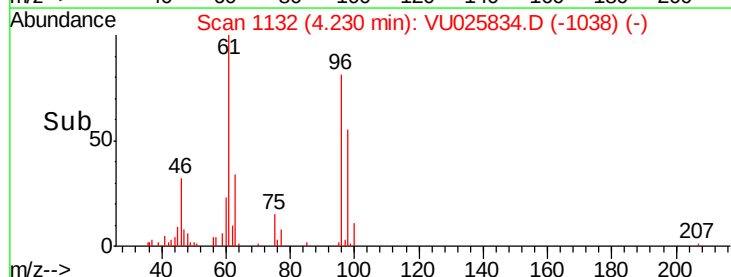
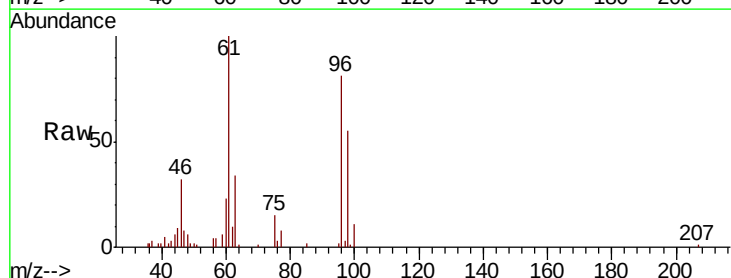
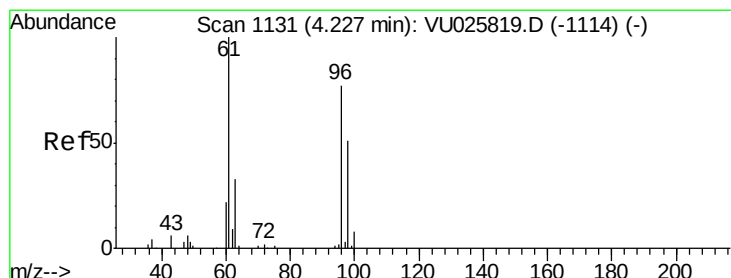
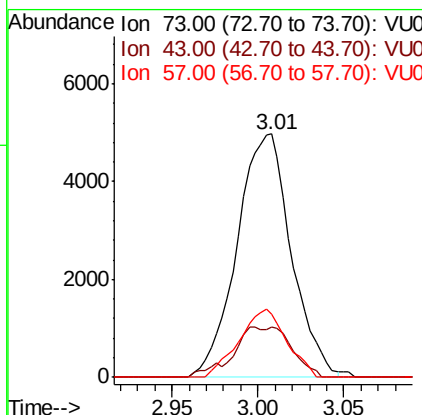




#18
Methyl tert-butyl Ether
Concen: 1.62 ug/L
RT: 3.01 min Scan# 752
Delta R.T. 0.01 min
Lab File: VU025834.D
Acq: 03 Aug 2018 21:31

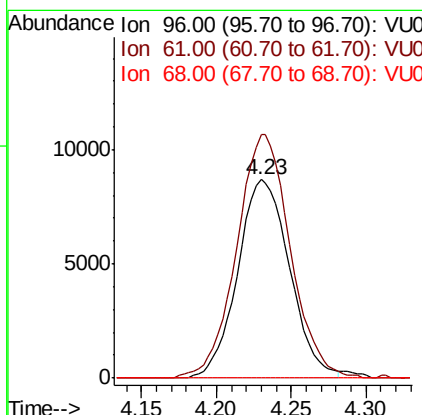
Instrument :
MSVOA_U
ClientSampleId :
E5F74

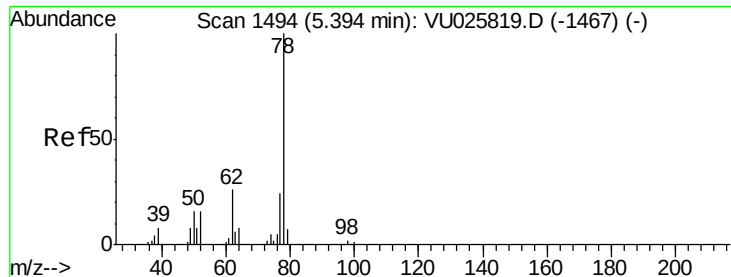
Tot Ion	73	Resp	10877
Ion Ratio	Lower	Upper	
73	100		
43	6.5	16.2	24.2#
57	24.5	17.1	25.7



#20
cis-1,2-Dichloroethene
Concen: 9.02 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025834.D
Acq: 03 Aug 2018 21:31

Tgt Ion	96	Resp	21016
Ion Ratio	Lower	Upper	
96	100		
61	122.8	87.4	162.2
68	0.0	0.0	0.0





#33

Benzene

Concen: 1.88 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU025834.D

Acq: 03 Aug 2018 21:31

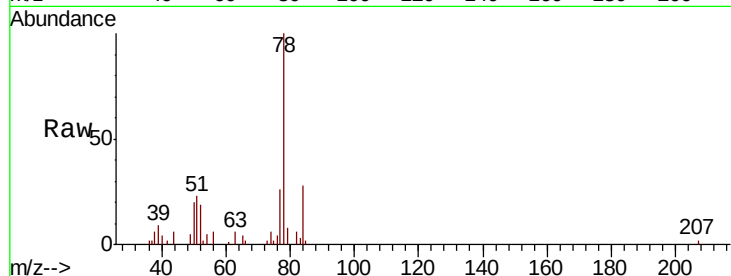
Instrument :

MSVOA_U

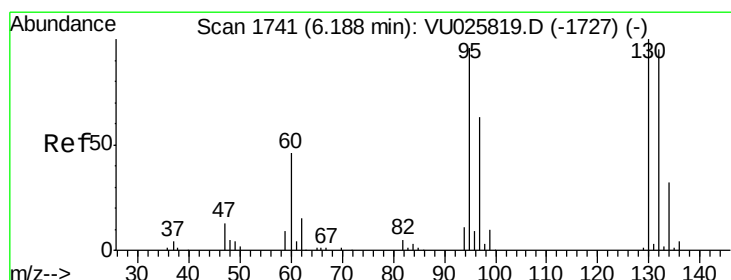
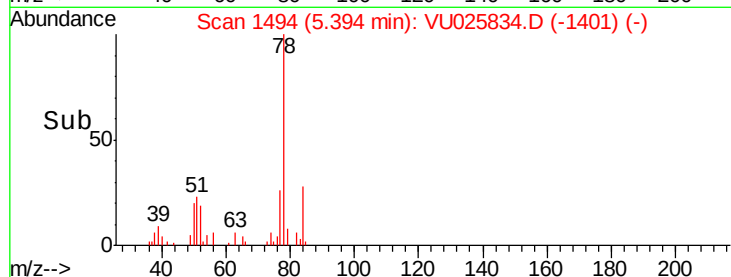
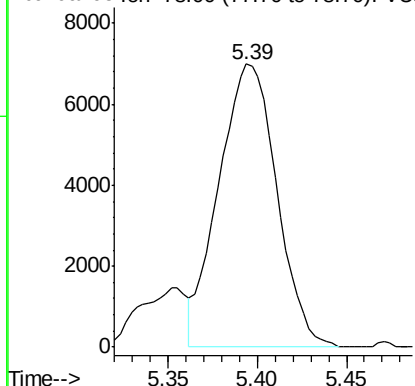
ClientSampled :

E5F74

Tgt Ion: 78 Resp: 15813



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 2.73 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025834.D

Acq: 03 Aug 2018 21:31

Tgt Ion: 95 Resp: 6102

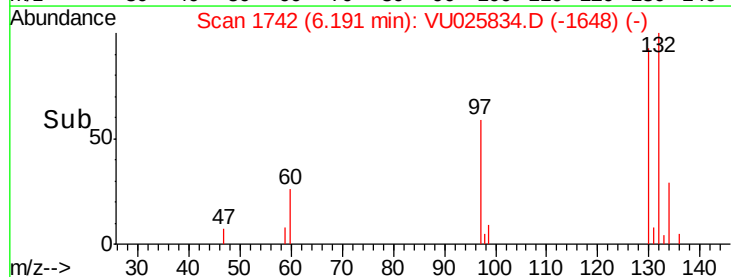
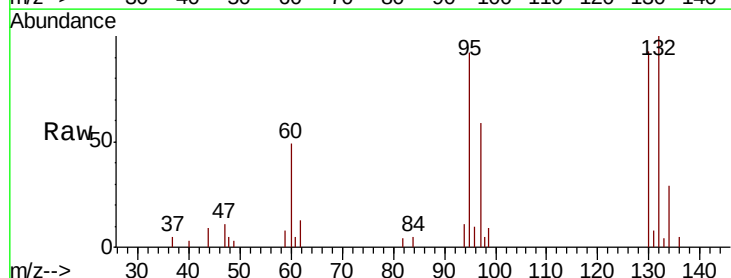
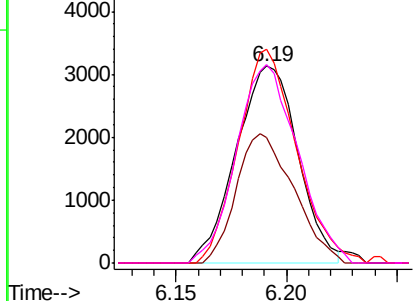
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.9	85.3
132	108.6	72.2	134.2
130	100.8	74.9	139.1

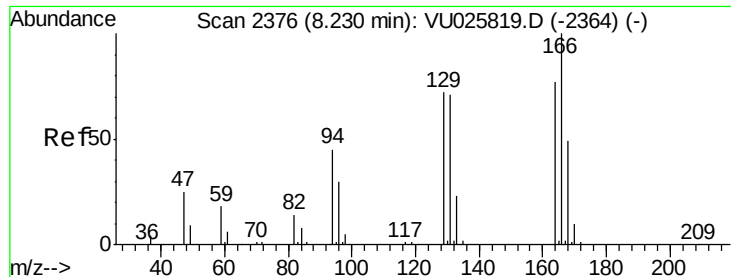
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 3.84 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025834.D

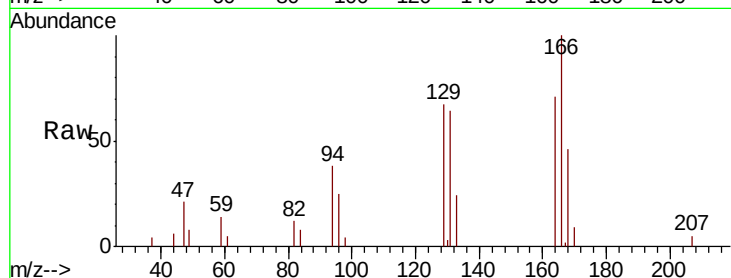
Acq: 03 Aug 2018 21:31

Instrument :

MSVOA_U

ClientSampleId :

E5F74



Tot Ion:164 Resp: 7438

Ion Ratio Lower Upper

164 100

129 94.7 65.1 120.9

131 90.6 62.8 116.6

166 140.9 89.7 166.7

