

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023016.D
 Acq On : 23 Oct 2021 17:47
 Operator : SY/MD
 Sample : M4277-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB7

Quant Time: Oct 25 01:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

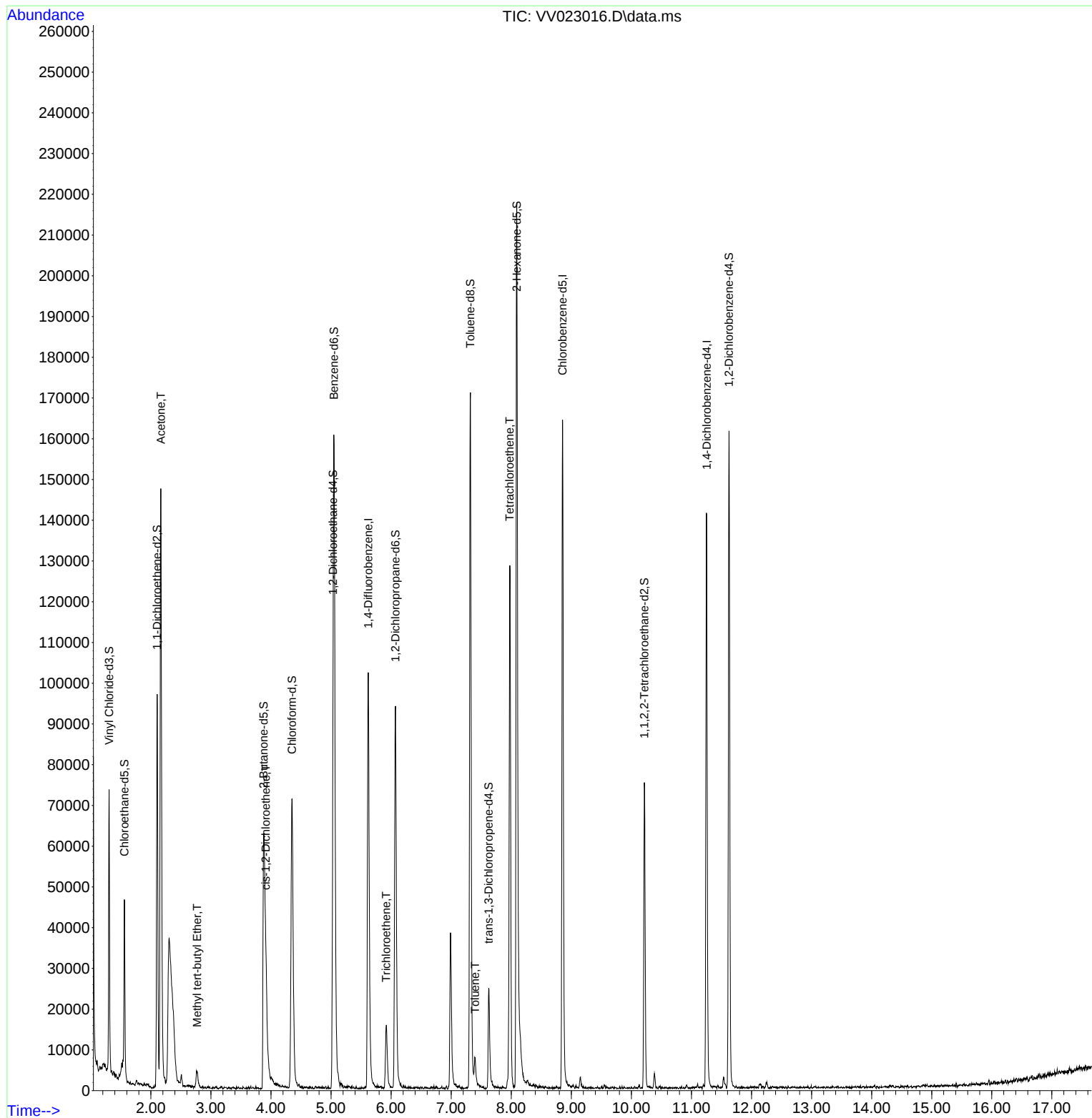
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	95094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	37382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43197	5.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.561	69	23379	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.105	63	48826	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.879	46	101768	78.015	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	156.020%#
24) Chloroform-d	4.349	84	76117	5.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
26) 1,2-Dichloroethane-d4	5.034	65	37543	6.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	5.050	84	144971	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.072	67	46937	5.492	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.320	98	115635	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	14972	5.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.091	63	69683	62.854	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35961	6.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.800%#
66) 1,2-Dichlorobenzene-d4	11.625	152	41849	6.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.400%#
Target Compounds						Qvalue
13) Acetone	2.166	43	161023	251.600	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	3201	0.281	ug/L #	83
22) cis-1,2-Dichloroethene	3.912	96	9500	1.647	ug/L #	95
34) Trichloroethene	5.918	95	5187	0.807	ug/L	94
42) Toluene	7.400	91	5693	0.220	ug/L	94
47) Tetrachloroethene	7.976	164	29487	5.429	ug/L	97

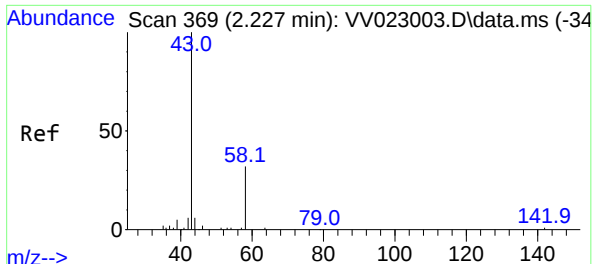
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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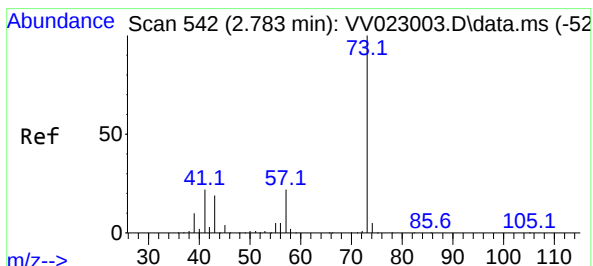
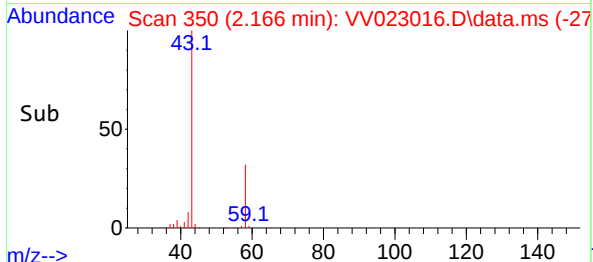
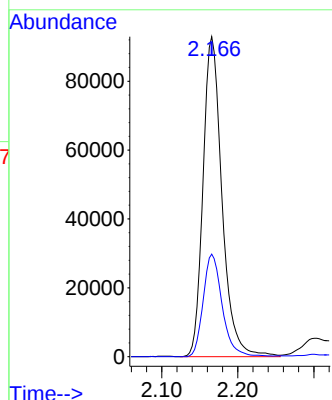
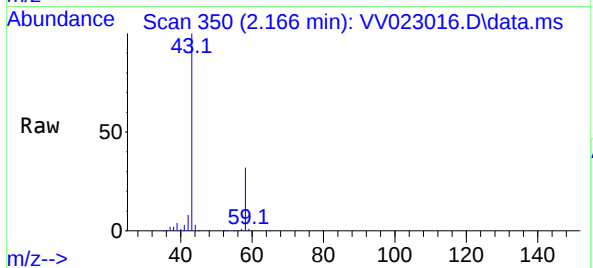




#13
Acetone
Concen: 251.600 ug/L
RT: 2.166 min Scan# 31
Delta R.T. -0.061 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

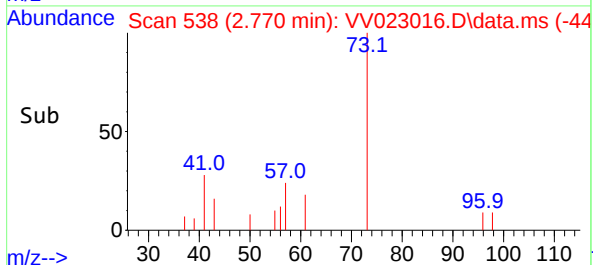
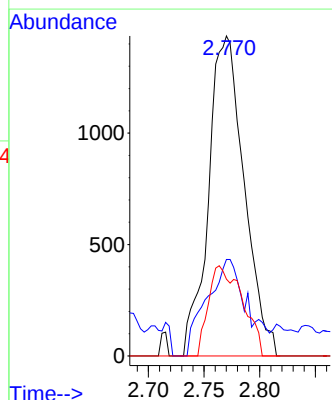
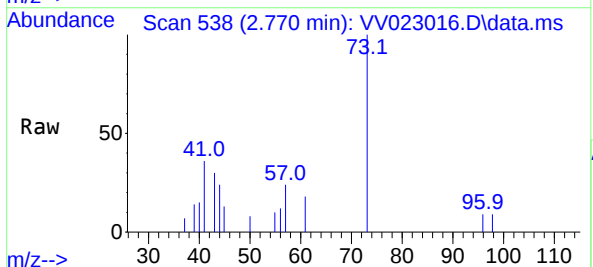
Instrument :
MSVOA_V
ClientSampleId :
BFGB7

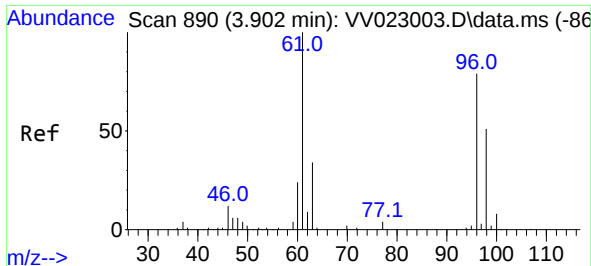
Tgt Ion: 43 Resp: 161023
Ion Ratio Lower Upper
43 100
58 32.1 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 0.281 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.013 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

Tgt Ion: 73 Resp: 3201
Ion Ratio Lower Upper
73 100
43 31.2 17.4 26.0#
57 26.9 16.5 24.7#

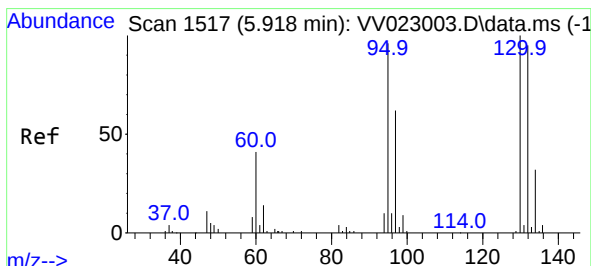
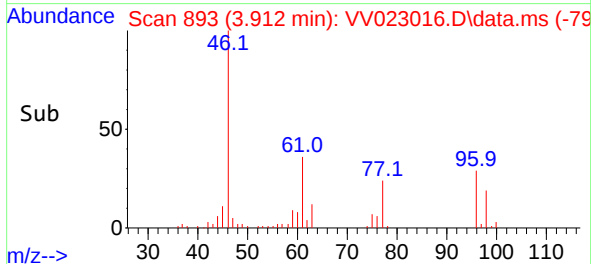
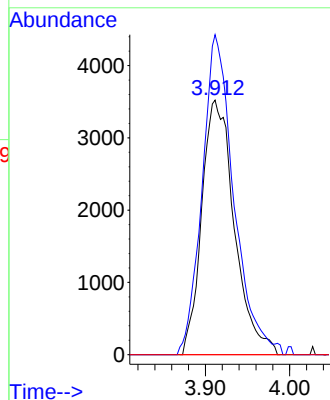
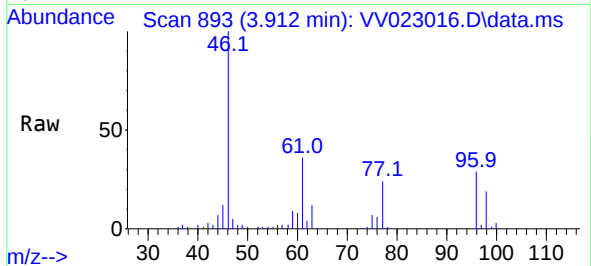




#22
 cis-1,2-Dichloroethene
 Concen: 1.647 ug/L
 RT: 3.912 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV023016.D
 Acq: 23 Oct 2021 17:47

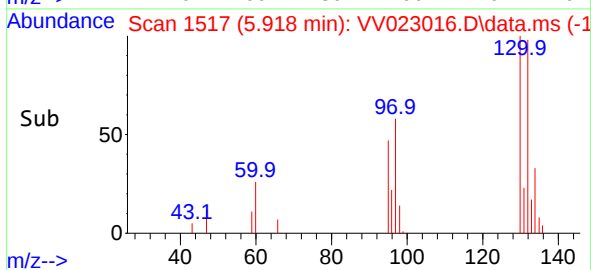
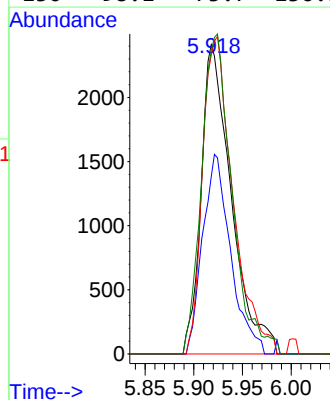
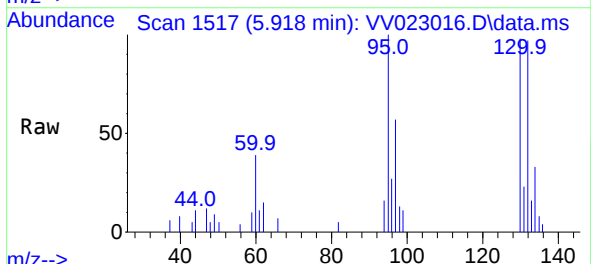
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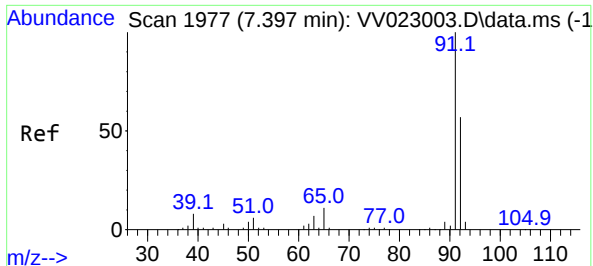
Tgt Ion: 96 Resp: 9500
 Ion Ratio Lower Upper
 96 100
 61 125.7 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 0.807 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VV023016.D
 Acq: 23 Oct 2021 17:47

Tgt Ion: 95 Resp: 5187
 Ion Ratio Lower Upper
 95 100
 97 57.3 45.0 83.6
 132 96.6 69.7 129.4
 130 98.1 73.7 136.9





#42

Toluene

Concen: 0.220 ug/L

RT: 7.400 min Scan# 1977

Delta R.T. 0.003 min

Lab File: VV023016.D

Acq: 23 Oct 2021 17:47

Instrument :

MSVOA_V

ClientSampleId :

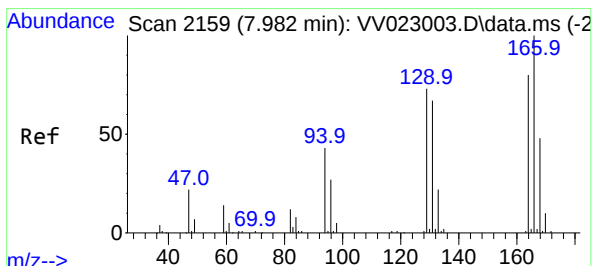
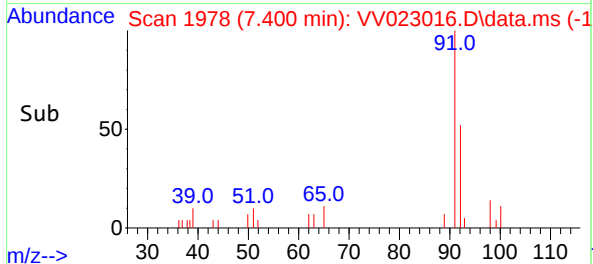
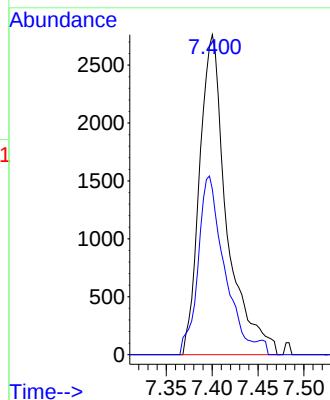
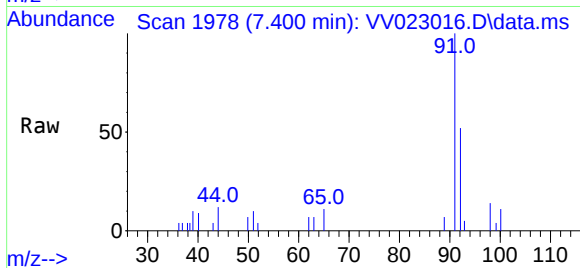
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Tgt Ion: 91 Resp: 5693

Ion Ratio Lower Upper

91 100

92 51.6 39.3 72.9



#47

Tetrachloroethene

Concen: 5.429 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.006 min

Lab File: VV023016.D

Acq: 23 Oct 2021 17:47

Tgt Ion: 164 Resp: 29487

Ion Ratio Lower Upper

164 100

129 95.8 64.0 119.0

131 88.1 63.4 117.8

166 129.8 89.3 165.9

