

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031540.D
 Acq On : 15 Jun 2023 18:42
 Operator : SY/MD
 Sample : 03249-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT8

Quant Time: Jun 16 02:51:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

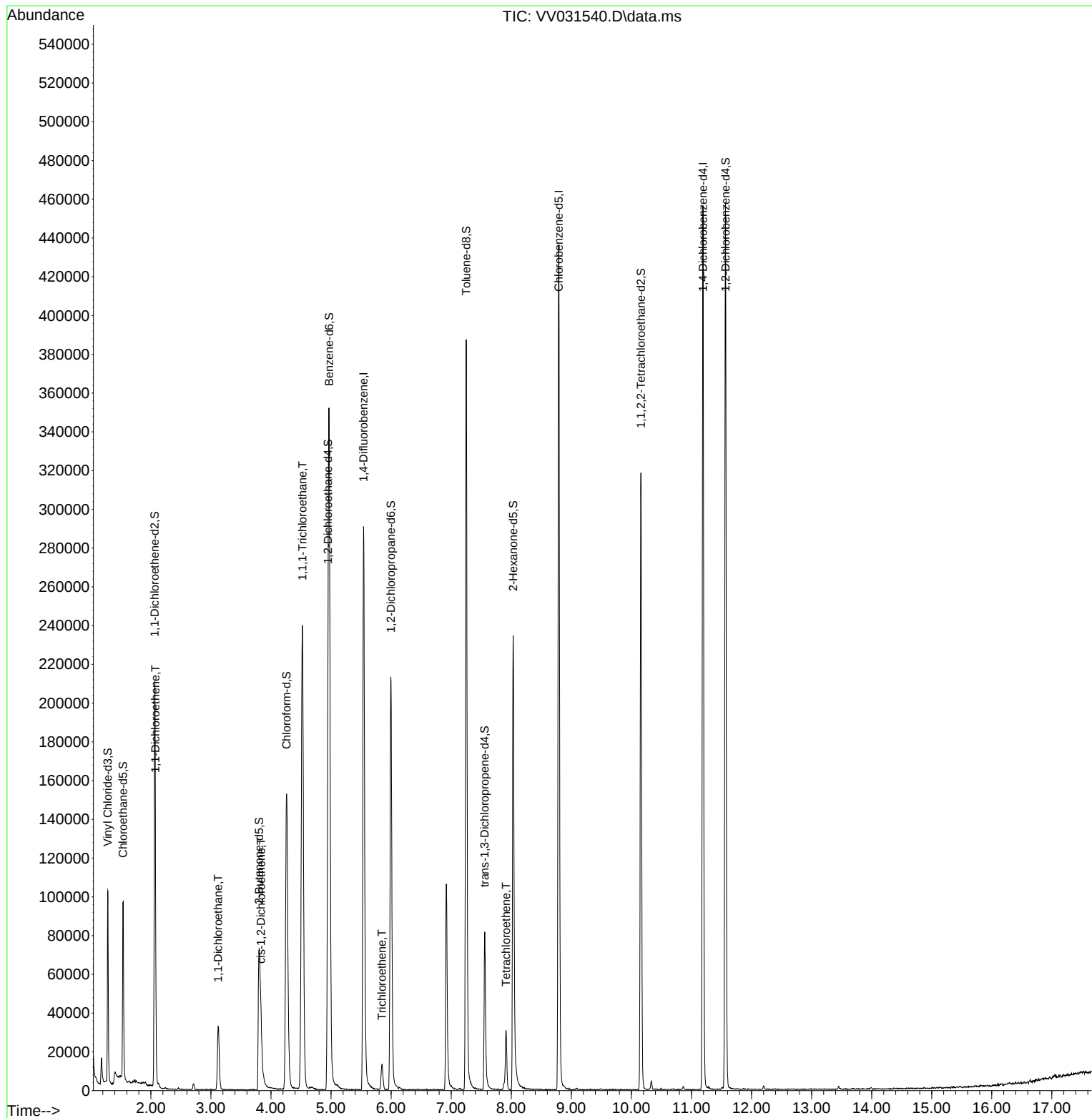
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237613	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	230678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116417	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	65191	41.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.440%
7) Chloroethane-d5	1.536	69	61788	44.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.560%
11) 1,1-Dichloroethene-d2	2.066	65	34830	42.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.480%
21) 2-Butanone-d5	3.802	46	117079	91.432	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.430%
24) Chloroform-d	4.259	84	168394	42.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	4.950	65	113737	45.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
32) Benzene-d6	4.970	84	300193	46.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
36) 1,2-Dichloropropane-d6	5.995	67	107526	46.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	7.249	98	260369	43.698	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.558	79	49362	43.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.000%
47) 2-Hexanone-d5	8.034	63	87109	95.867	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.870%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	152666	43.950	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.900%
66) 1,2-Dichlorobenzene-d4	11.567	152	113062	50.949	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.900%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	7484	4.257	ug/L	# 1
19) 1,1-Dichloroethane	3.121	63	36059	9.104	ug/L	99
20) cis-1,2-Dichloroethene	3.835	96	11962	6.031	ug/L	89
30) 1,1,1-Trichloroethane	4.523	97	208380	56.342	ug/L	99
34) Trichloroethene	5.847	95	5080	2.475	ug/L	83
46) Tetrachloroethene	7.915	164	6765	4.200	ug/L	97

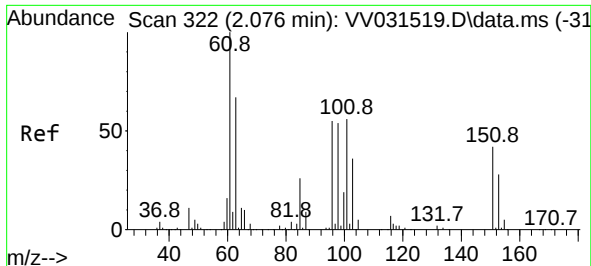
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.257 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031540.D

Acq: 15 Jun 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

EXYT8

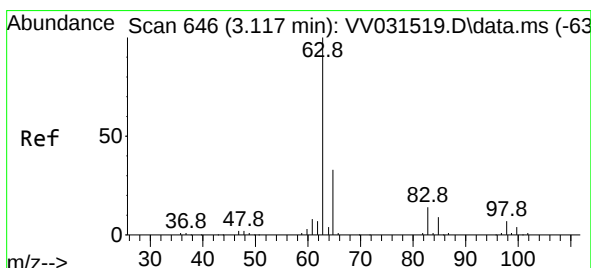
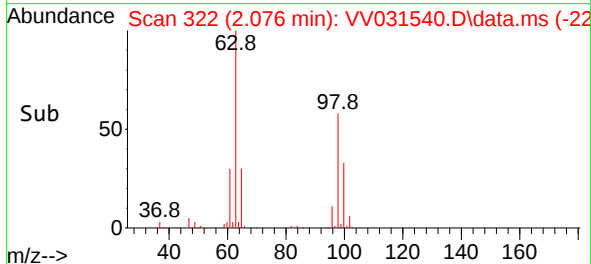
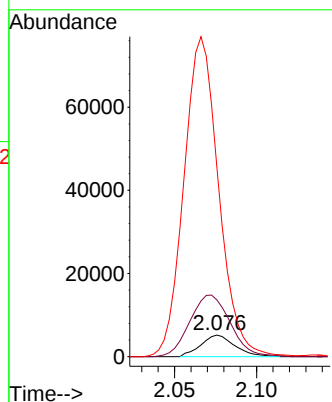
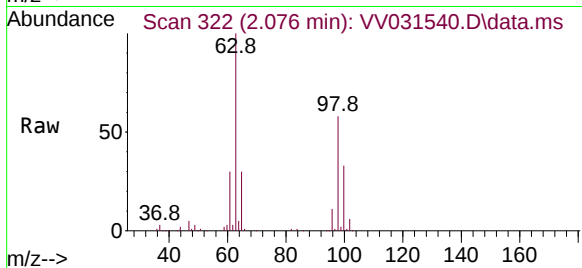
Tgt Ion: 96 Resp: 7484

Ion Ratio Lower Upper

96 100

61 237.0 128.9 239.5

63 791.7 95.3 177.1#



#19

1,1-Dichloroethane

Concen: 9.104 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031540.D

Acq: 15 Jun 2023 18:42

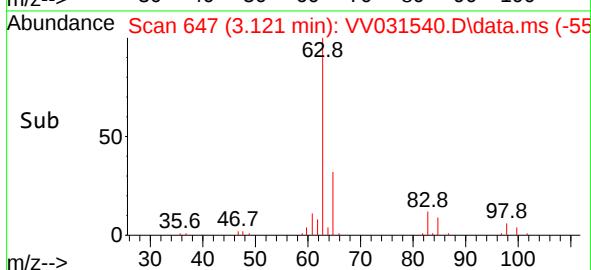
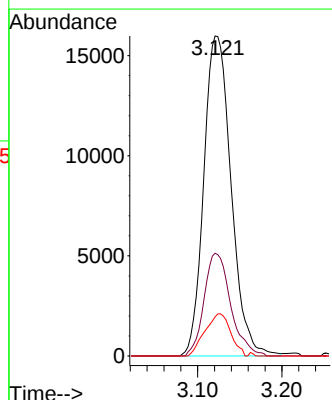
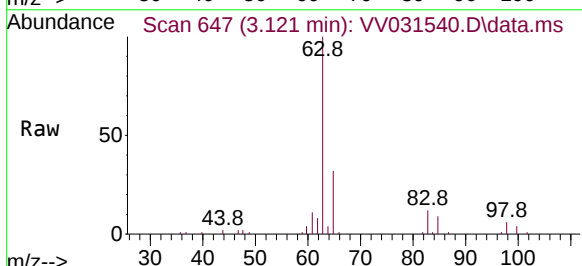
Tgt Ion: 63 Resp: 36059

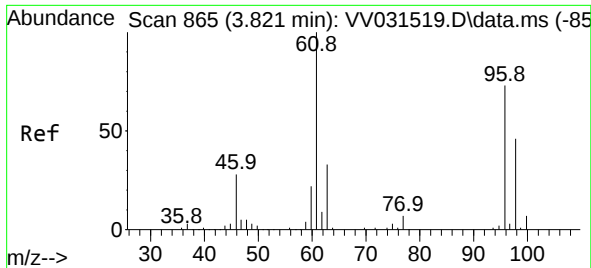
Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.7

83 13.1 10.0 18.6

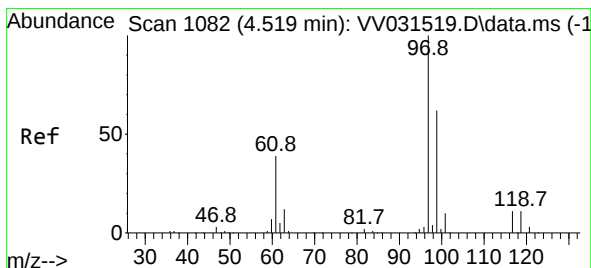
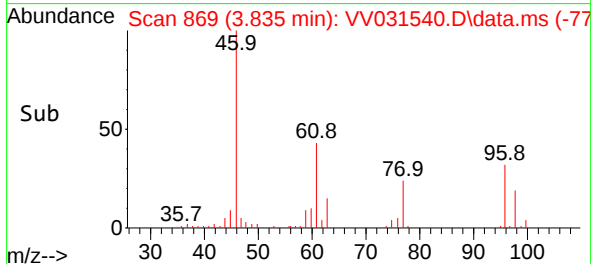
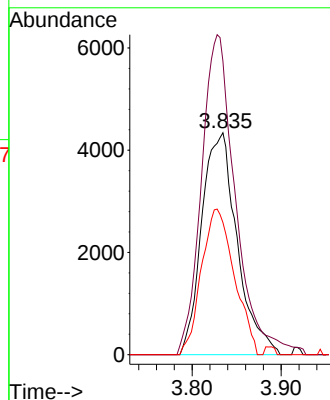
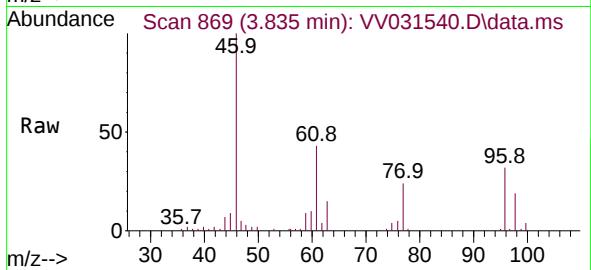




#20
 cis-1,2-Dichloroethene
 Concen: 6.031 ug/L
 RT: 3.835 min Scan# 869
 Delta R.T. 0.013 min
 Lab File: VV031540.D
 Acq: 15 Jun 2023 18:42

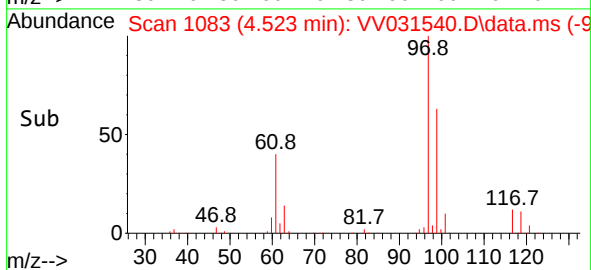
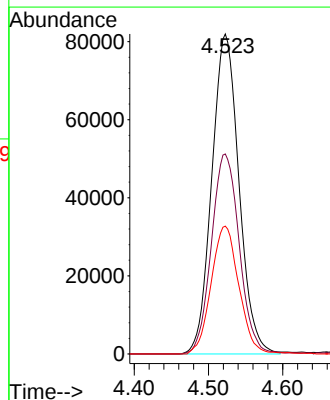
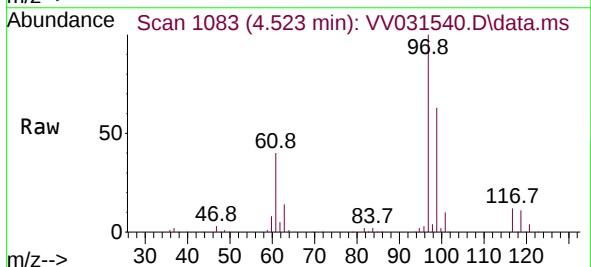
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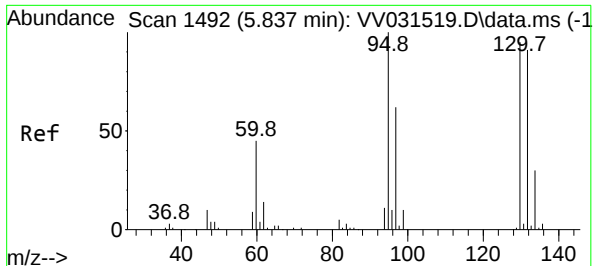
Tgt Ion: 96 Resp: 11962
 Ion Ratio Lower Upper
 96 100
 61 127.3 98.6 183.0
 98 57.3 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 56.342 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV031540.D
 Acq: 15 Jun 2023 18:42

Tgt Ion: 97 Resp: 208380
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.8 77.6
 61 40.6 33.0 49.6





#34

Trichloroethene

Concen: 2.475 ug/L

RT: 5.847 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV031540.D

Acq: 15 Jun 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

EXYT8

Tgt Ion: 95 Resp: 5080

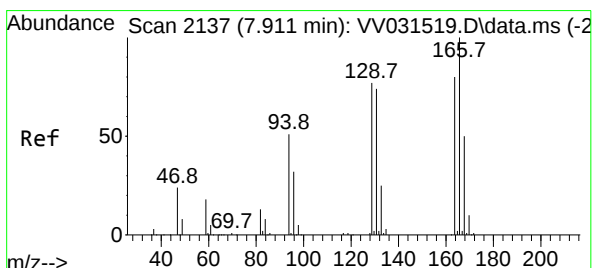
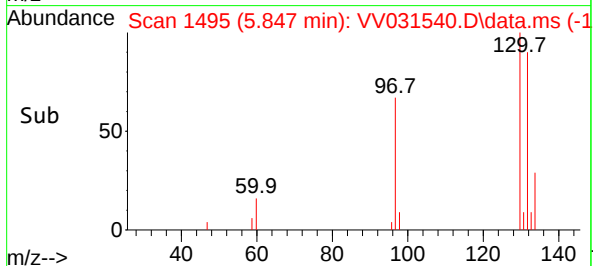
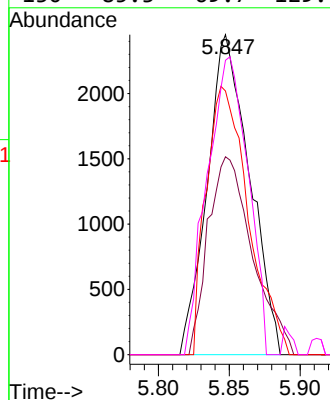
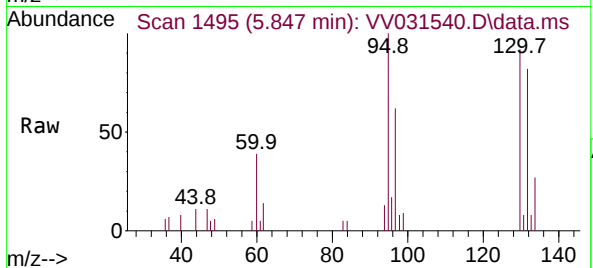
Ion Ratio Lower Upper

95 100

97 52.8 46.8 86.8

132 77.0 66.4 123.2

130 85.3 69.7 129.4



#46

Tetrachloroethene

Concen: 4.200 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031540.D

Acq: 15 Jun 2023 18:42

Tgt Ion:164 Resp: 6765

Ion Ratio Lower Upper

164 100

129 95.6 68.4 127.0

131 92.1 67.6 125.6

166 134.6 91.3 169.5

