

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029571.D
 Acq On : 10 Dec 2022 11:20
 Operator : SY/MD
 Sample : N5929-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZB8

Quant Time: Dec 12 00:04:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

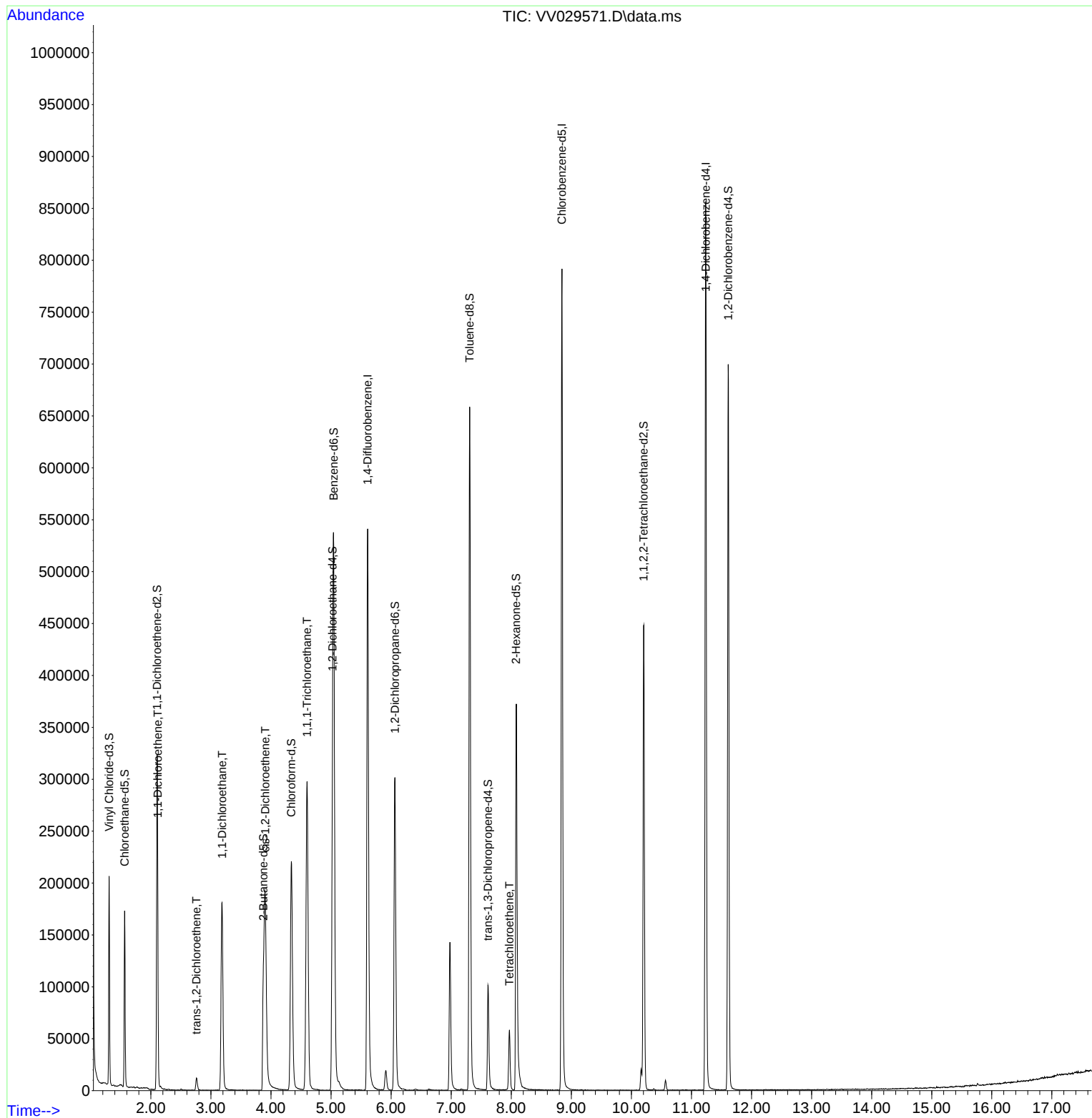
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	496672	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	460232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	236666	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127056	41.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.560%
7) Chloroethane-d5	1.564	69	106791	46.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.105	63	164515	34.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.360%
21) 2-Butanone-d5	3.873	46	167435	90.245	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.240%
24) Chloroform-d	4.339	84	240870	42.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.180%
26) 1,2-Dichloroethane-d4	5.024	65	144957	44.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.700%
32) Benzene-d6	5.043	84	518234	42.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.220%
36) 1,2-Dichloropropane-d6	6.063	67	159265	42.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.760%
41) Toluene-d8	7.307	98	466089	40.677	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.360%
43) trans-1,3-Dichloroprop...	7.612	79	62767	33.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.920%
47) 2-Hexanone-d5	8.082	63	142235	89.669	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.670%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	223390	42.084	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.160%
66) 1,2-Dichlorobenzene-d4	11.612	152	186713	41.444	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.880%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	5150	1.940	ug/L	# 1
17) trans-1,2-Dichloroethene	2.757	96	4243	1.387	ug/L	99
19) 1,1-Dichloroethane	3.185	63	190028	36.262	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	95796	28.479	ug/L	95
30) 1,1,1-Trichloroethane	4.600	97	251632	50.184	ug/L	99
46) Tetrachloroethene	7.969	164	13845	5.297	ug/L	98

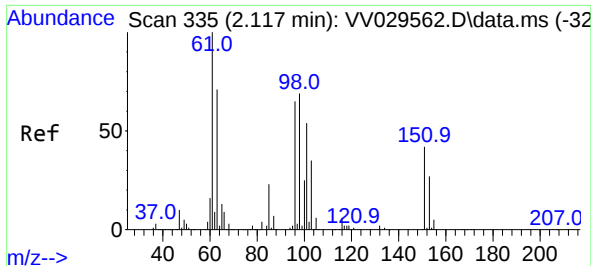
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 10 07:45:47 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.940 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029571.D

Acq: 10 Dec 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

EXZB8

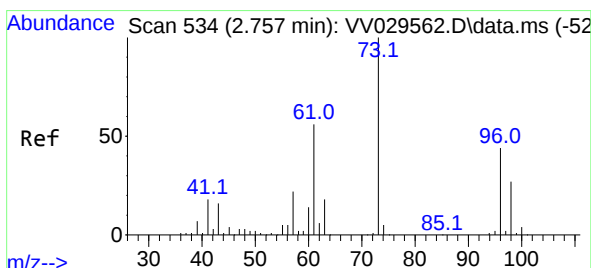
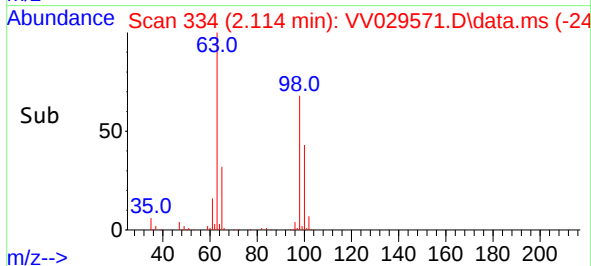
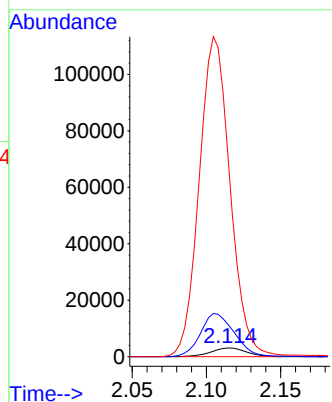
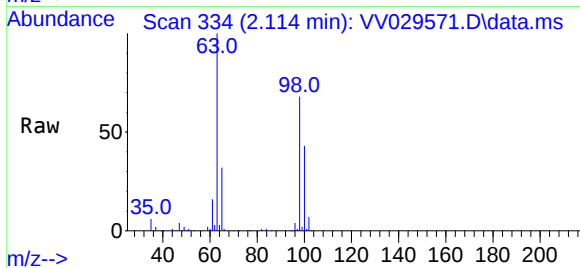
Tgt Ion: 96 Resp: 5150

Ion Ratio Lower Upper

96 100

61 374.3 103.3 191.9#

63 2339.2 77.3 143.7#



#17

trans-1,2-Dichloroethene

Concen: 1.387 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.000 min

Lab File: VV029571.D

Acq: 10 Dec 2022 11:20

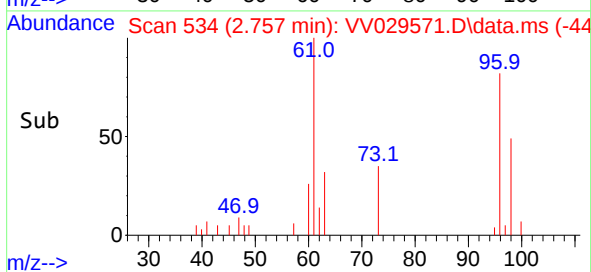
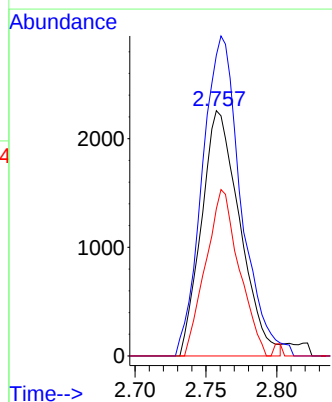
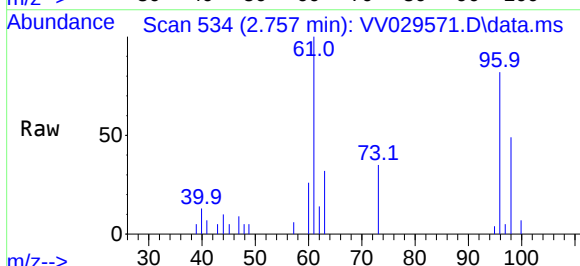
Tgt Ion: 96 Resp: 4243

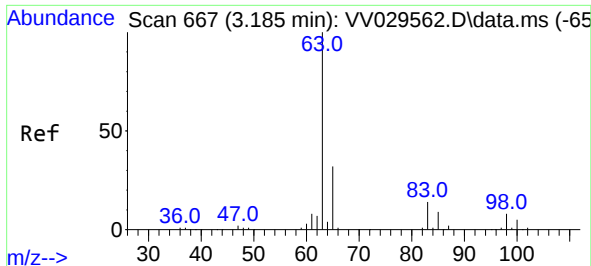
Ion Ratio Lower Upper

96 100

61 122.6 86.4 160.4

98 60.0 43.4 80.6





#19

1,1-Dichloroethane

Concen: 36.262 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029571.D

Acq: 10 Dec 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

EXZB8

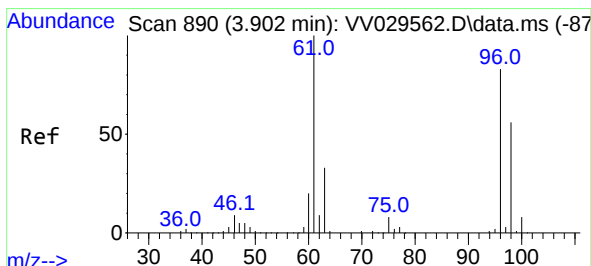
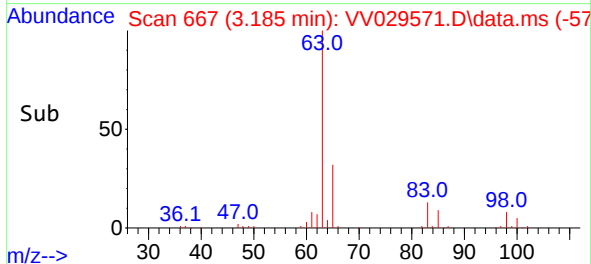
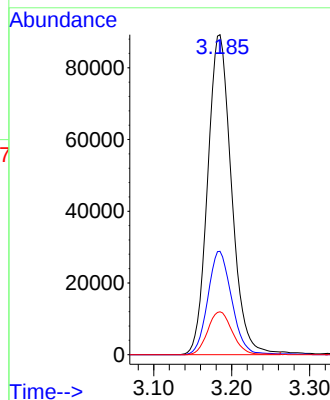
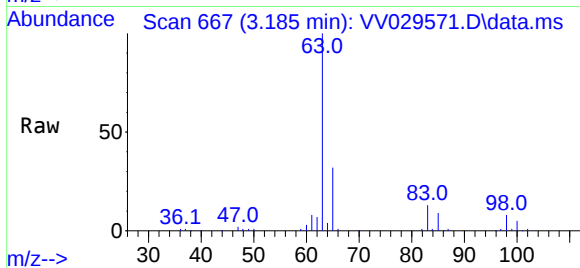
Tgt Ion: 63 Resp: 190028

Ion Ratio Lower Upper

63 100

65 32.3 22.5 41.7

83 13.4 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 28.479 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029571.D

Acq: 10 Dec 2022 11:20

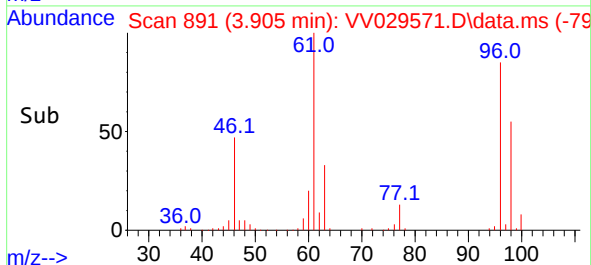
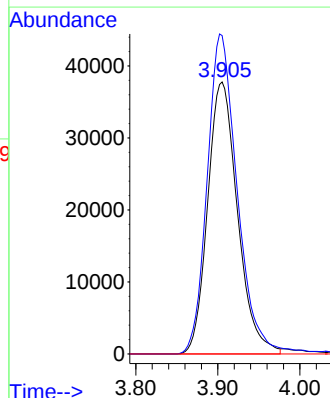
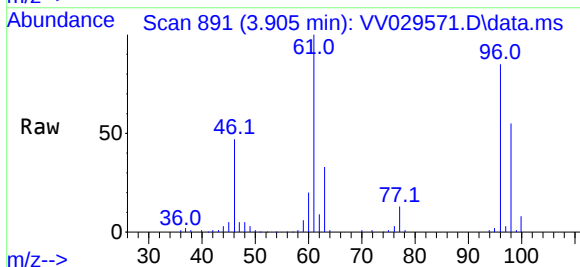
Tgt Ion: 96 Resp: 95796

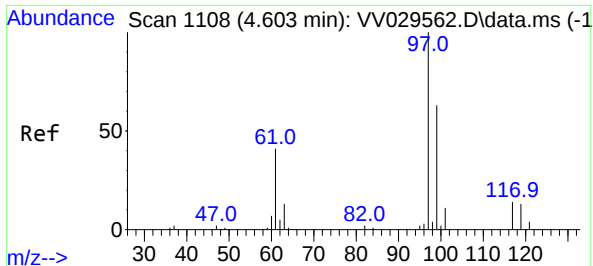
Ion Ratio Lower Upper

96 100

61 117.0 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 50.184 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029571.D

Acq: 10 Dec 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

EXZB8

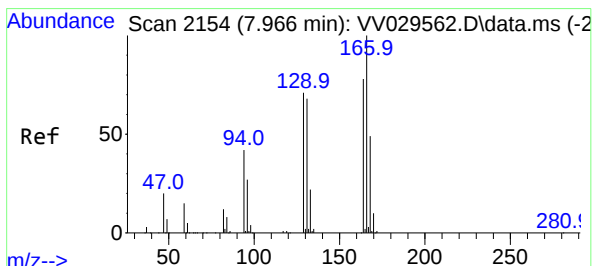
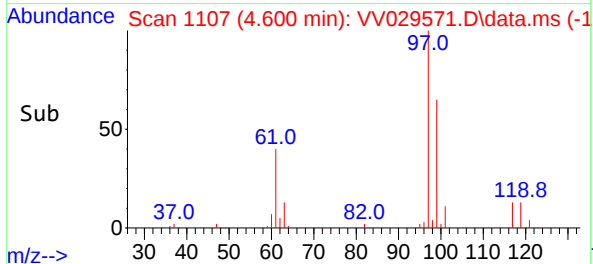
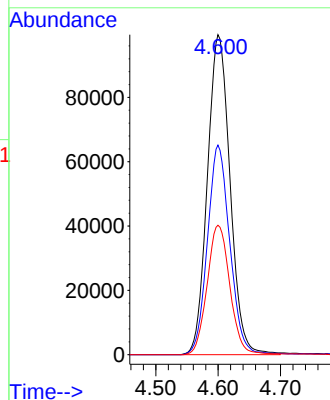
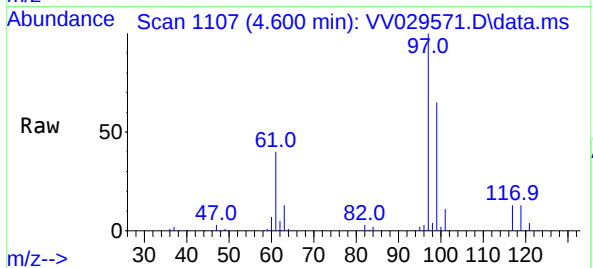
Tgt Ion: 97 Resp: 251632

Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 40.5 31.8 47.8



#46

Tetrachloroethene

Concen: 5.297 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029571.D

Acq: 10 Dec 2022 11:20

Tgt Ion:164 Resp: 13845

Ion Ratio Lower Upper

164 100

129 95.3 65.3 121.3

131 85.8 63.1 117.1

166 128.4 90.8 168.6

