

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025698.D
 Acq On : 10 Dec 2021 13:54
 Operator : JC/MD
 Sample : M5004-11
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGKX0

Quant Time: Dec 10 23:33:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 23:31:21 2021
 Response via : Initial Calibration

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

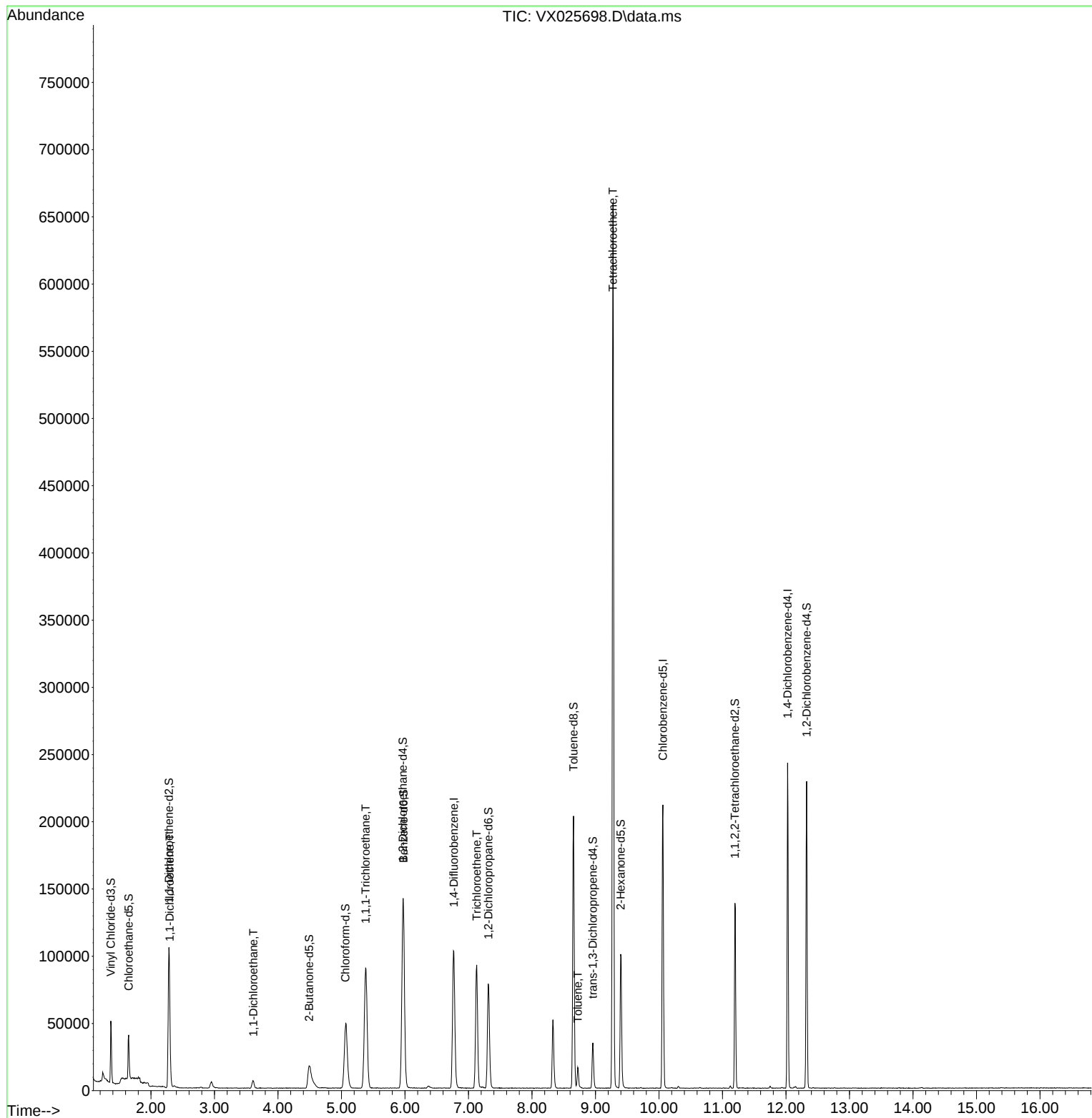
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	116594	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	104276	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	49293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	32601	40.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.940%
7) Chloroethane-d5	1.648	69	20613	31.388	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.780%#
11) 1,1-Dichloroethene-d2	2.282	63	56724	44.710	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.420%
21) 2-Butanone-d5	4.489	46	47493	80.182	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.180%
24) Chloroform-d	5.062	84	61912	44.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
26) 1,2-Dichloroethane-d4	5.964	65	43035	49.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
32) Benzene-d6	5.977	84	138136	49.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.960%
36) 1,2-Dichloropropane-d6	7.312	67	40674	47.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	8.653	98	125205	47.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.958	79	17965	41.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.520%
47) 2-Hexanone-d5	9.397	63	33496	75.204	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.200%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	53643	44.359	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	12.323	152	46142	47.726	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.294	96	11570	18.480	ug/L #	41
19) 1,1-Dichloroethane	3.611	63	6663	5.520	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	89913	78.110	ug/L	99
34) Trichloroethene	7.129	95	34028	46.442	ug/L	99
42) Toluene	8.720	91	10431	3.395	ug/L	98
46) Tetrachloroethene	9.275	164	123787	199.211	ug/L	98

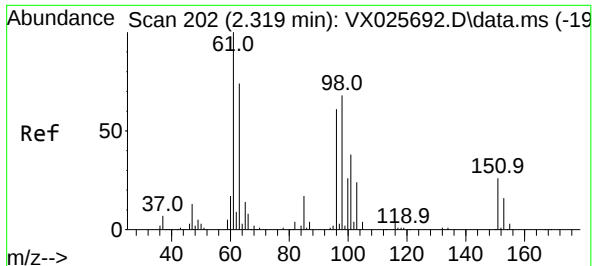
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 10 23:31:21 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 18.480 ug/L

RT: 2.294 min Scan# 198

Delta R.T. -0.024 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

ClientSampleId :

BGKX0

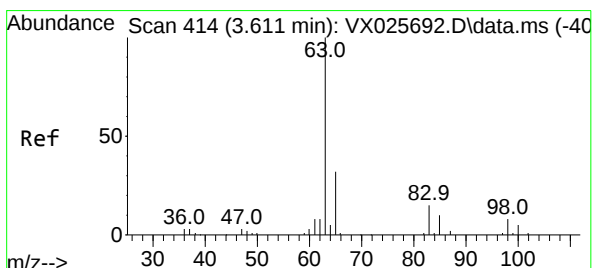
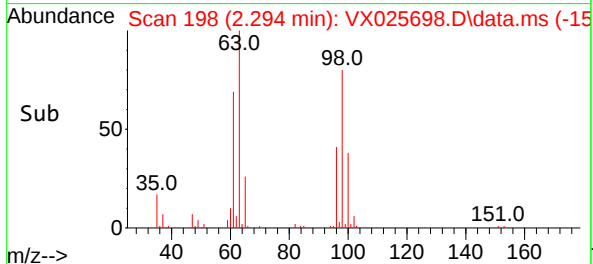
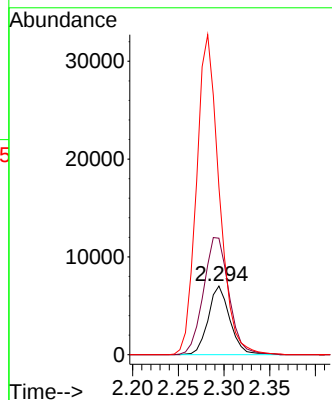
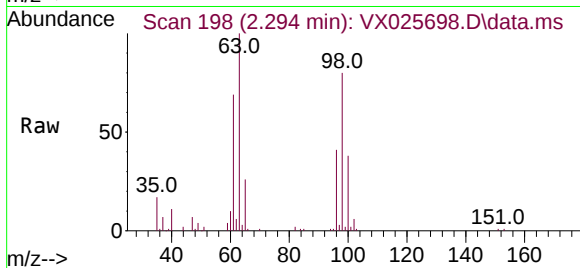
Tgt Ion: 96 Resp: 11570

Ion Ratio Lower Upper

96 100

61 169.5 108.7 201.9

63 244.1 76.3 141.7#



#19

1,1-Dichloroethane

Concen: 5.520 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

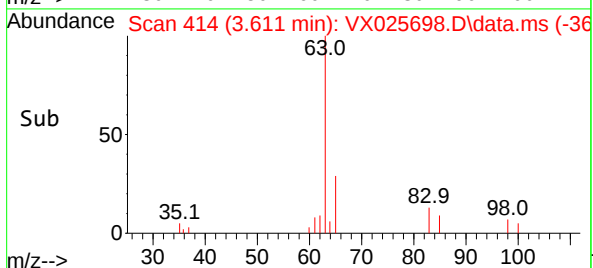
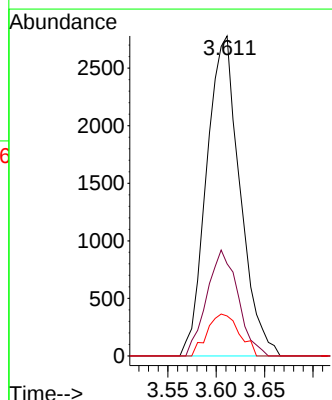
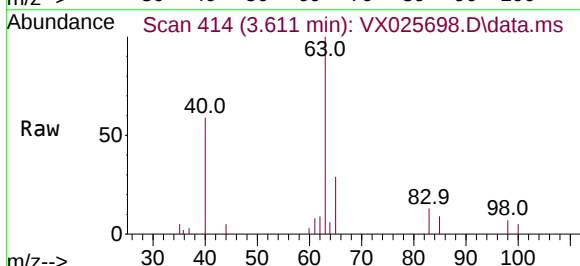
Tgt Ion: 63 Resp: 6663

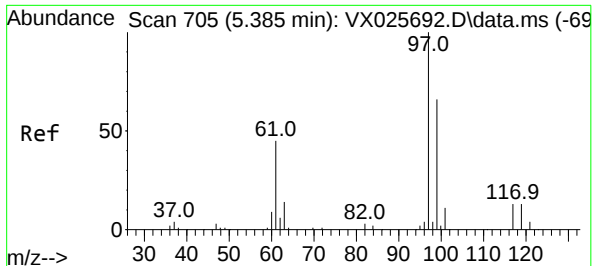
Ion Ratio Lower Upper

63 100

65 28.8 22.2 41.2

83 12.5 10.2 19.0





#30

1,1,1-Trichloroethane

Concen: 78.110 ug/L

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

ClientSampleId :

BGKX0

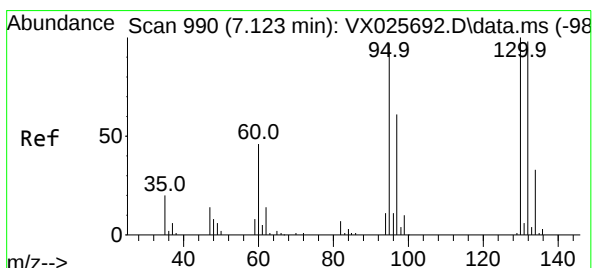
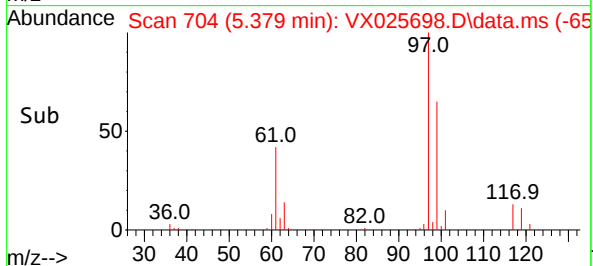
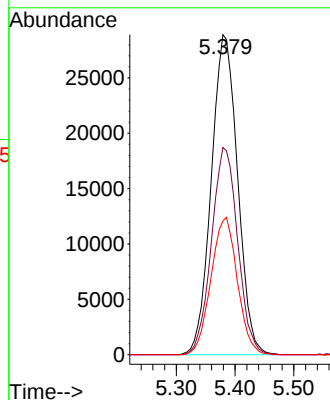
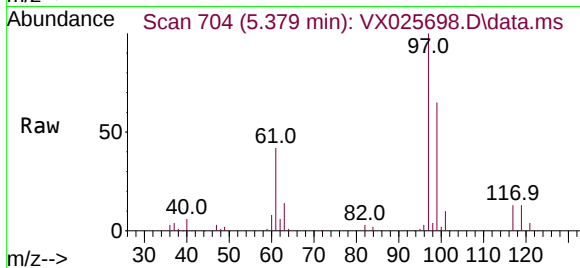
Tgt Ion: 97 Resp: 89913

Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 43.0 33.1 49.7



#34

Trichloroethene

Concen: 46.442 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Tgt Ion: 95 Resp: 34028

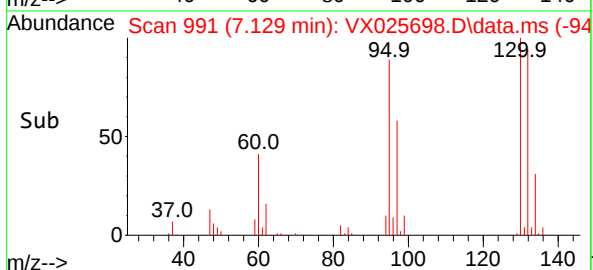
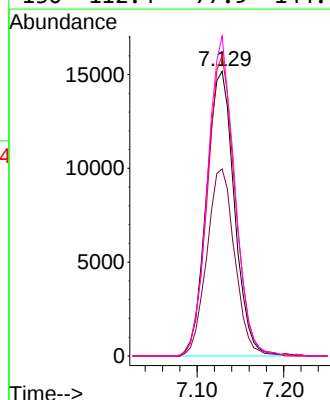
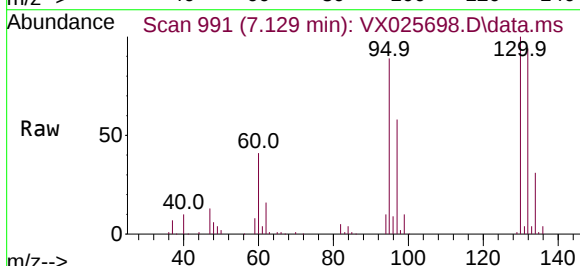
Ion Ratio Lower Upper

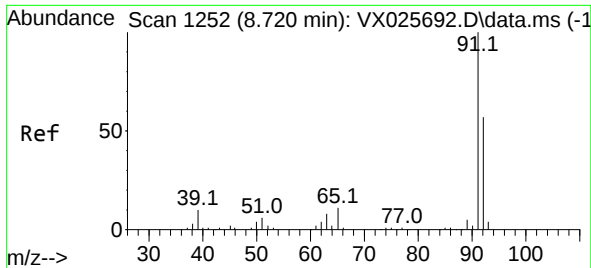
95 100

97 65.7 46.0 85.4

132 105.6 75.0 139.2

130 112.4 77.9 144.7





#42

Toluene

Concen: 3.395 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

ClientSampleId :

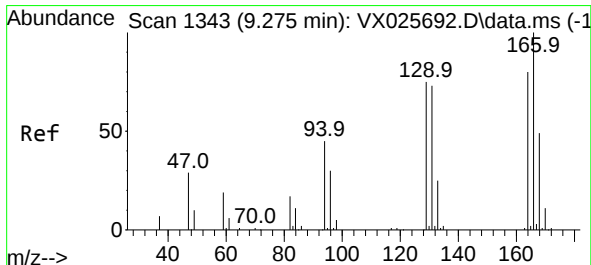
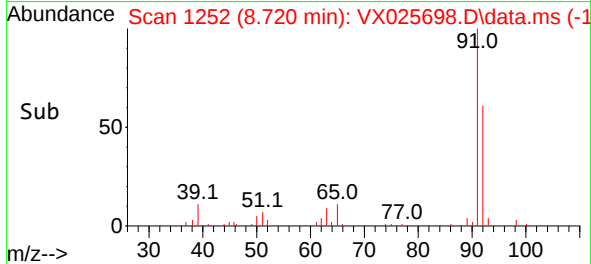
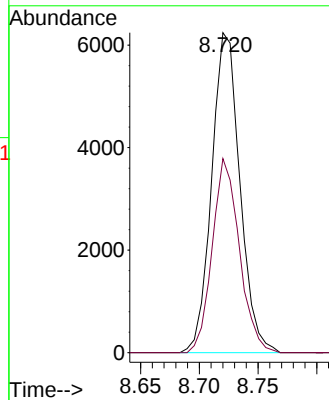
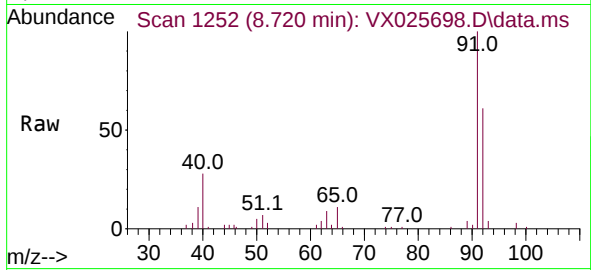
BGKX0

Tgt Ion: 91 Resp: 10431

Ion Ratio Lower Upper

91 100

92 60.7 41.2 76.6



#46

Tetrachloroethene

Concen: 199.211 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Tgt Ion: 164 Resp: 123787

Ion Ratio Lower Upper

164 100

129 92.6 64.7 120.1

131 90.3 63.2 117.4

166 122.4 90.1 167.3

