

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031548.D
 Acq On : 15 Jun 2023 23:05
 Operator : SY/MD
 Sample : 03254-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW3

Quant Time: Jun 16 06:18:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

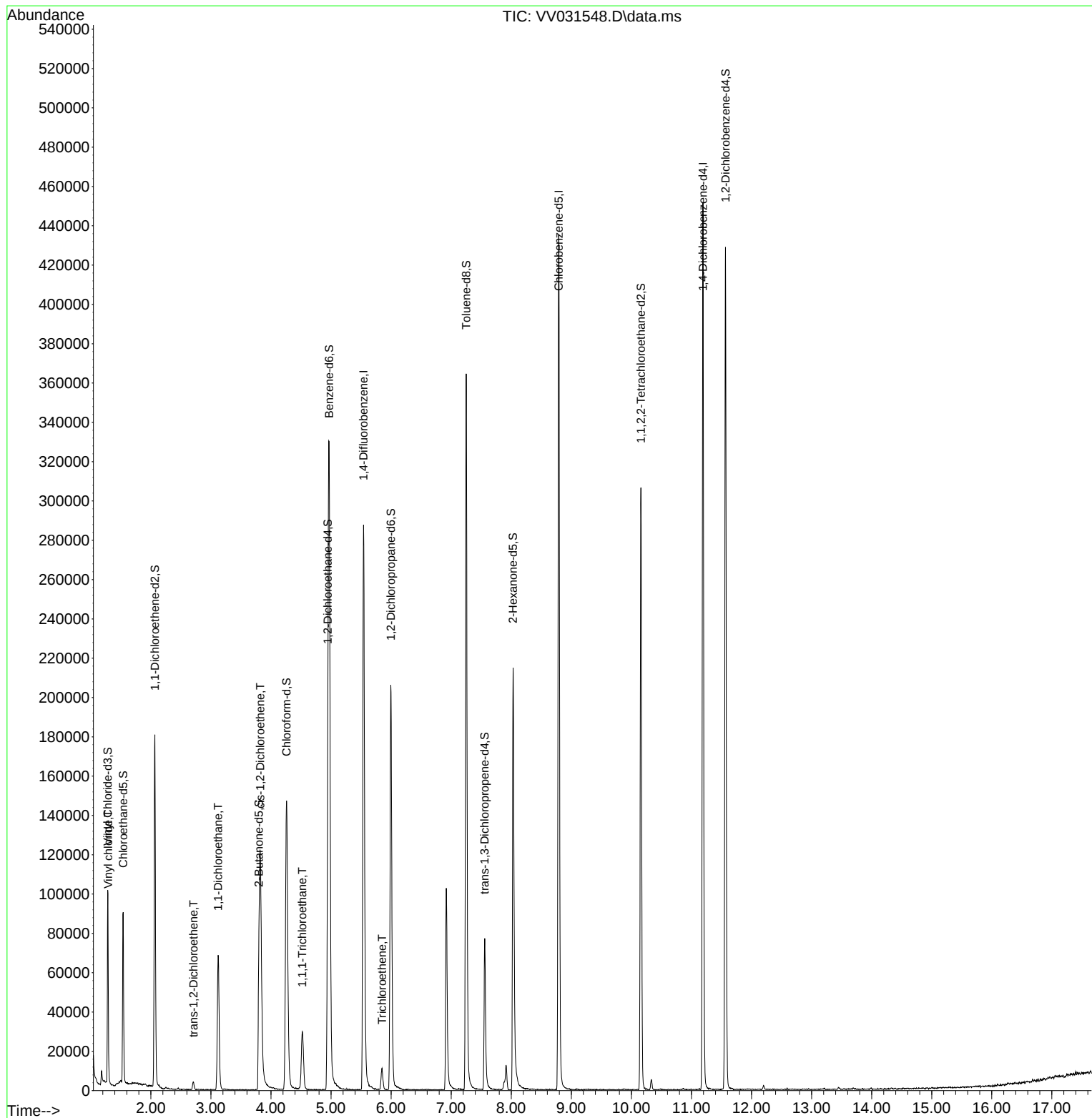
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235829	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	231289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	113965	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59876	38.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.300%		
7) Chloroethane-d5	1.539	69	56861	41.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.040%		
11) 1,1-Dichloroethene-d2	2.066	65	31656	39.135	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.260%		
21) 2-Butanone-d5	3.799	46	107833	84.849	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.850%		
24) Chloroform-d	4.259	84	163251	41.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.060%		
26) 1,2-Dichloroethane-d4	4.947	65	106733	43.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.800%		
32) Benzene-d6	4.969	84	286608	44.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
36) 1,2-Dichloropropane-d6	5.995	67	101698	44.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.140%		
41) Toluene-d8	7.249	98	244366	40.904	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.800%		
43) trans-1,3-Dichloroprop...	7.558	79	46963	41.750	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.500%		
47) 2-Hexanone-d5	8.030	63	77604	85.180	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.180%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	145843	41.874	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.740%		
66) 1,2-Dichlorobenzene-d4	11.567	152	106227	48.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	6448	2.756	ug/L	89
17) trans-1,2-Dichloroethene	2.709	96	1702	0.934	ug/L #	70
19) 1,1-Dichloroethane	3.121	63	72529	18.450	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	47681	24.223	ug/L	94
30) 1,1,1-Trichloroethane	4.519	97	25865	6.975	ug/L	98
34) Trichloroethene	5.850	95	3988	1.938	ug/L	82

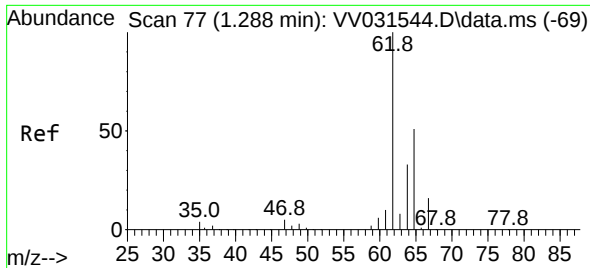
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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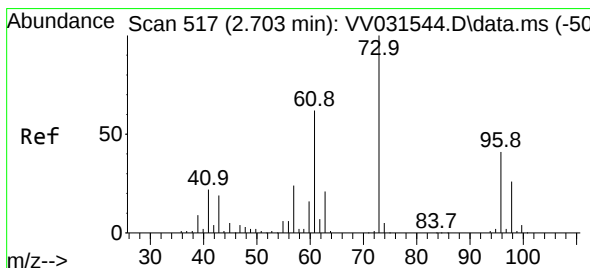
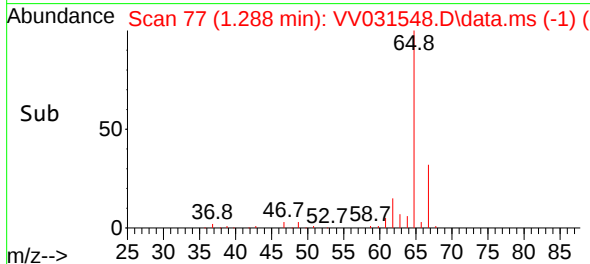
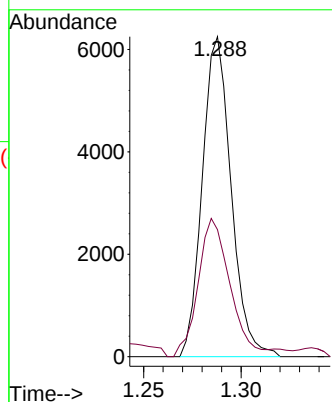
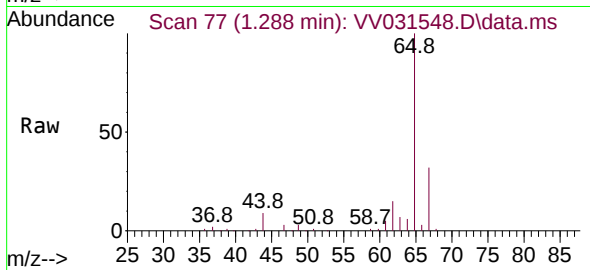




#5
 Vinyl chloride
 Concen: 2.756 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV031548.D
 Acq: 15 Jun 2023 23:05

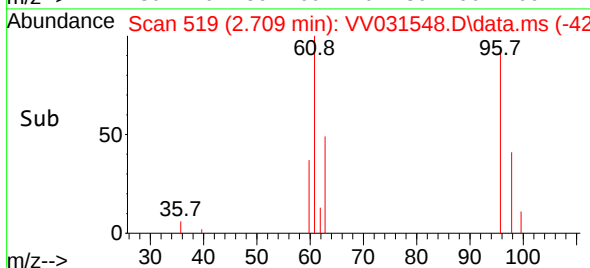
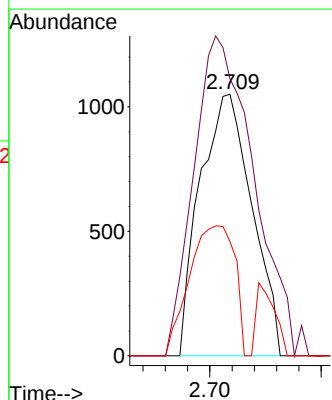
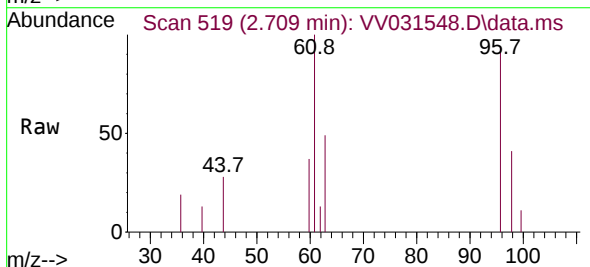
Instrument :
 MSVOA_V
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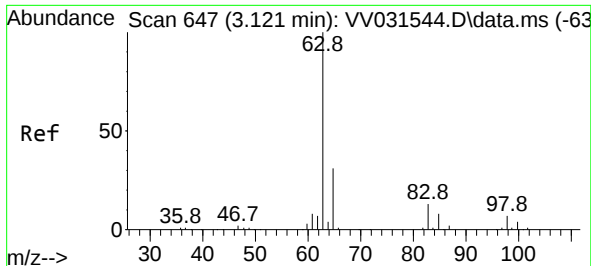
Tgt Ion: 62 Resp: 6448
 Ion Ratio Lower Upper
 62 100
 64 39.7 23.4 43.4



#17
 trans-1,2-Dichloroethene
 Concen: 0.934 ug/L
 RT: 2.709 min Scan# 519
 Delta R.T. 0.006 min
 Lab File: VV031548.D
 Acq: 15 Jun 2023 23:05

Tgt Ion: 96 Resp: 1702
 Ion Ratio Lower Upper
 96 100
 61 105.9 102.5 190.3
 98 43.7 44.1 81.9#

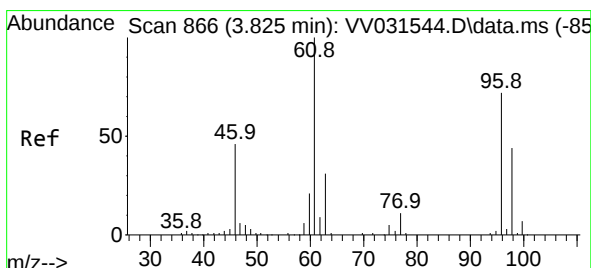
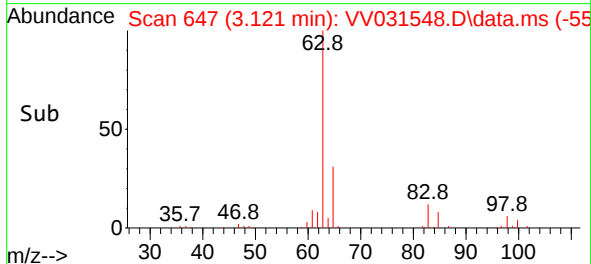
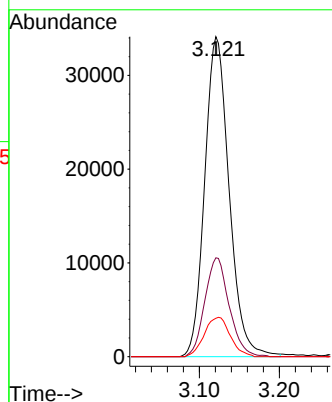
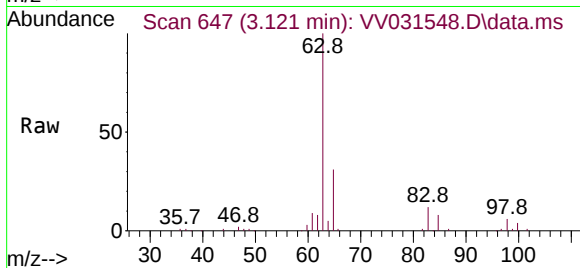




#19
1,1-Dichloroethane
Concen: 18.450 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV031548.D
Acq: 15 Jun 2023 23:05

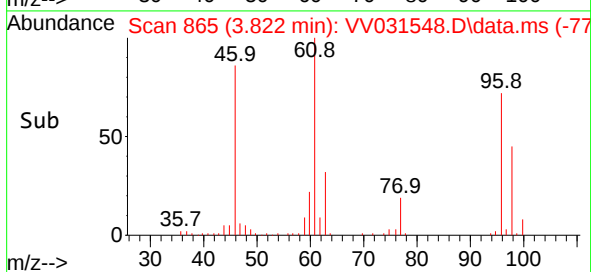
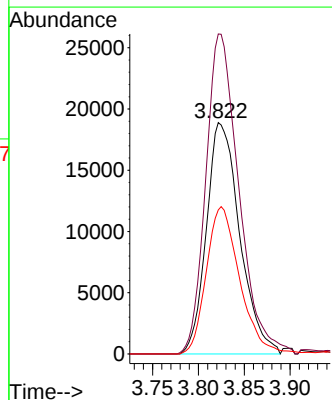
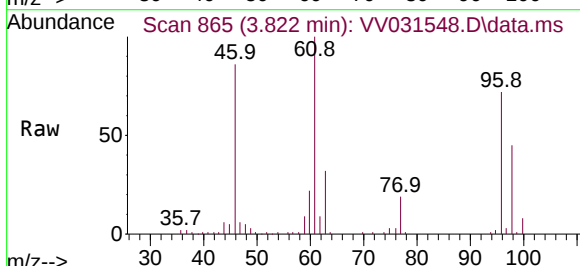
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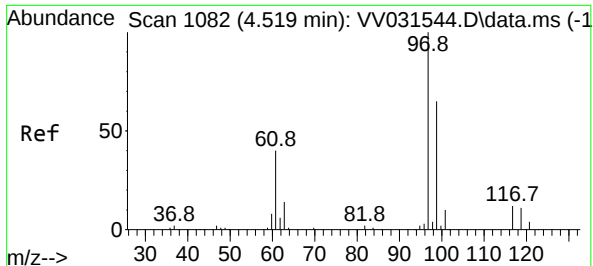
Tgt Ion: 63 Resp: 72529
Ion Ratio Lower Upper
63 100
65 31.5 22.5 41.7
83 12.5 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 24.223 ug/L
RT: 3.822 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV031548.D
Acq: 15 Jun 2023 23:05

Tgt Ion: 96 Resp: 47681
Ion Ratio Lower Upper
96 100
61 133.0 98.6 183.0
98 61.4 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 6.975 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV031548.D

Acq: 15 Jun 2023 23:05

Instrument :

MSVOA_V

ClientSampleId :

EXYW3

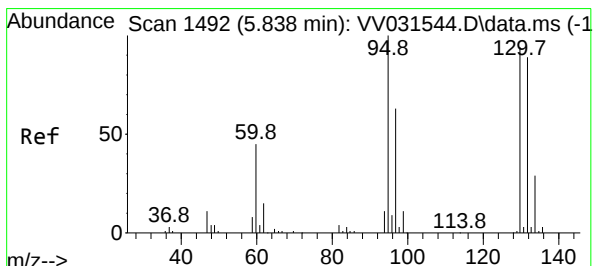
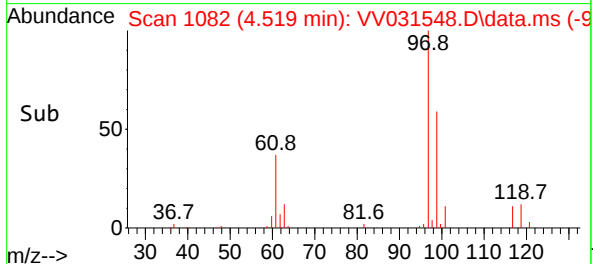
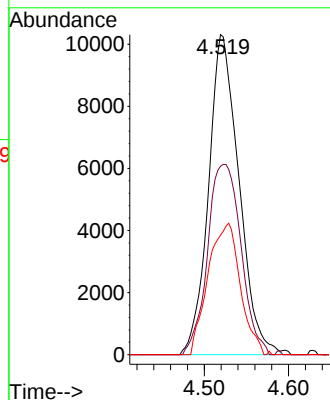
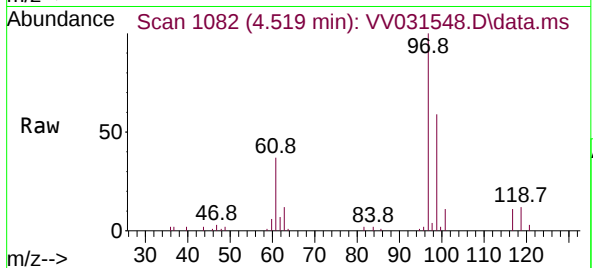
Tgt Ion: 97 Resp: 25865

Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.6

61 43.4 33.0 49.6



#34

Trichloroethene

Concen: 1.938 ug/L

RT: 5.850 min Scan# 1496

Delta R.T. 0.013 min

Lab File: VV031548.D

Acq: 15 Jun 2023 23:05

Tgt Ion: 95 Resp: 3988

Ion Ratio Lower Upper

95 100

97 72.8 46.8 86.8

132 118.0 66.4 123.2

130 79.0 69.7 129.4

