

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057324.D
 Acq On : 28 Dec 2023 10:23
 Operator : MD/SY
 Sample : 06021-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z0

Quant Time: Dec 28 20:48:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

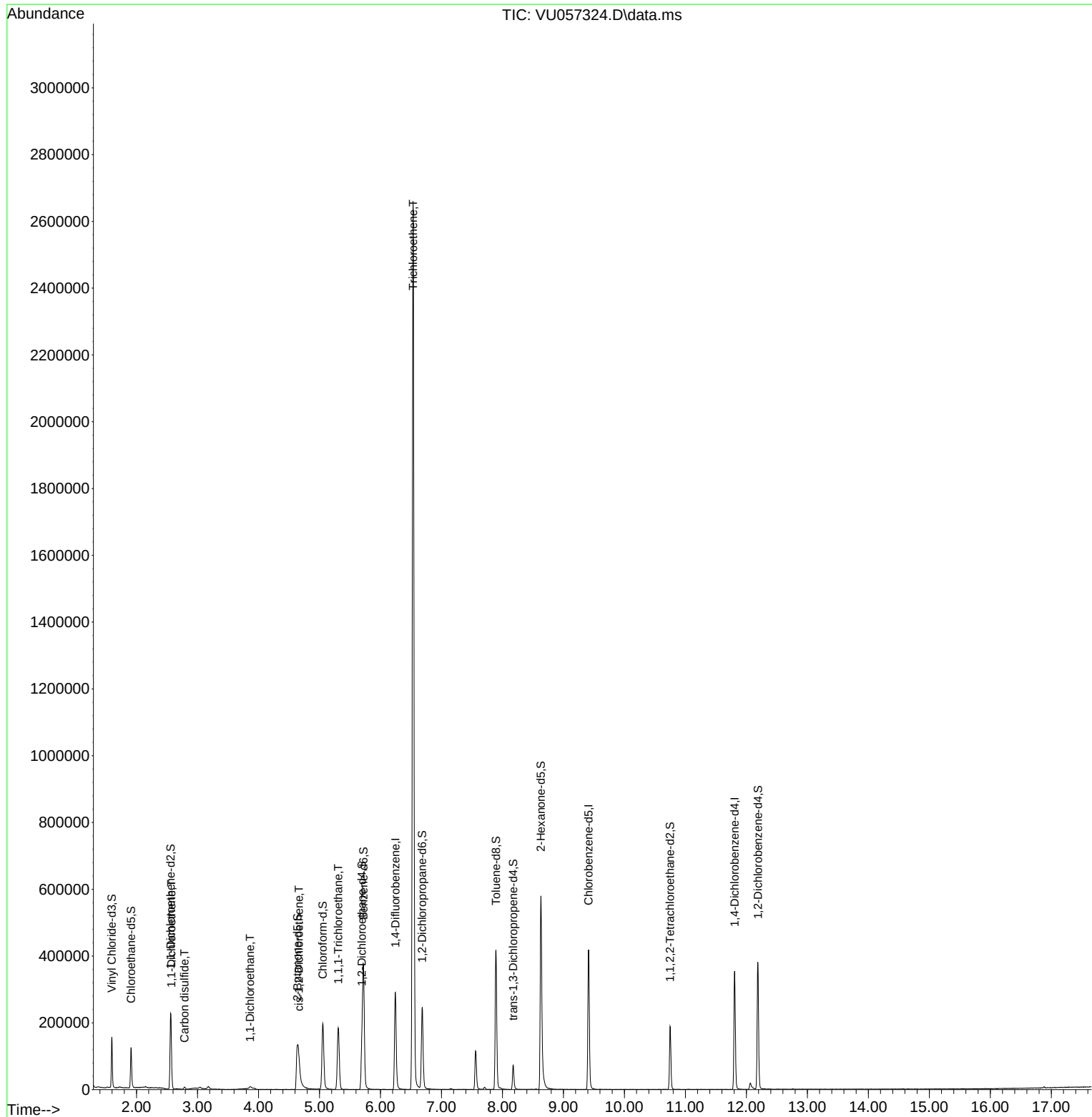
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	106061	5.264	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.200%		
7) Chloroethane-d5	1.911	69	91865	5.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.600%		
11) 1,1-Dichloroethene-d2	2.560	65	43875	5.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.400%		
20) 2-Butanone-d5	4.637	46	257037	56.330	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 112.660%		
24) Chloroform-d	5.055	84	189567	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.695	65	103097	5.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
32) Benzene-d6	5.721	84	351796	5.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	6.685	67	119727	5.560	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.200%		
41) Toluene-d8	7.894	98	286355	4.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.600%		
43) trans-1,3-Dichloroprop...	8.177	79	41846	4.844	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.800%		
46) 2-Hexanone-d5	8.630	63	195251	49.899	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.800%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	94653	5.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	97276	5.713	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.200%		
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	4574	0.299	ug/L	Qvalue # 1
14) Carbon disulfide	2.788	76	9257	0.212	ug/L	100
19) 1,1-Dichloroethane	3.862	63	6660	0.209	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	16519	0.940	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	138120	4.524	ug/L	99
34) Trichloroethene	6.534	95	958161	51.780	ug/L	97

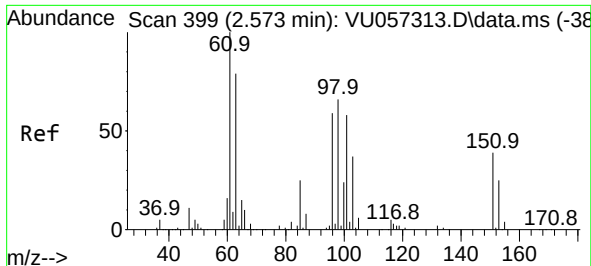
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 05:49:04 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.299 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057324.D

Acq: 28 Dec 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

BH7Z0

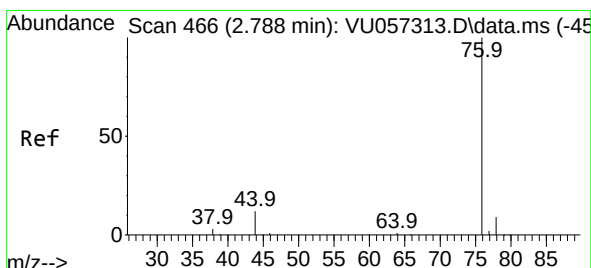
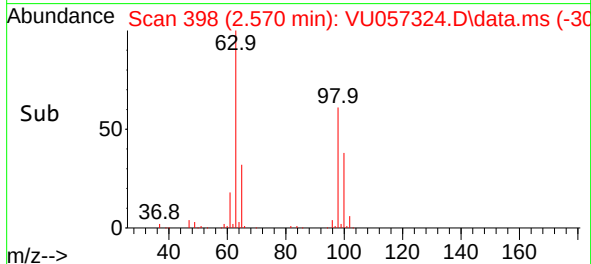
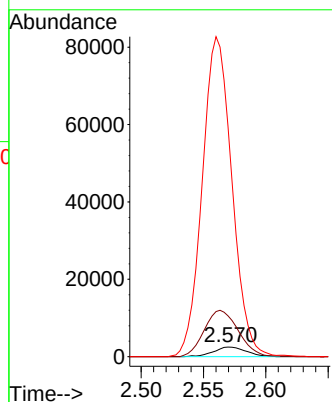
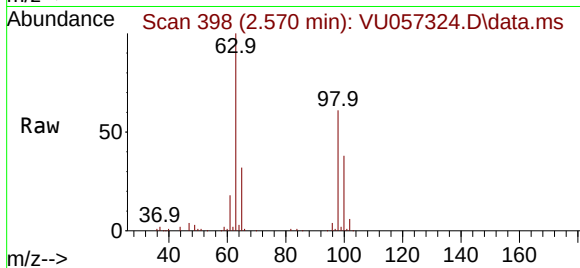
Tgt Ion: 96 Resp: 4574

Ion Ratio Lower Upper

96 100

61 425.8 122.2 226.9#

63 2399.7 99.2 184.2#



#14

Carbon disulfide

Concen: 0.212 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057324.D

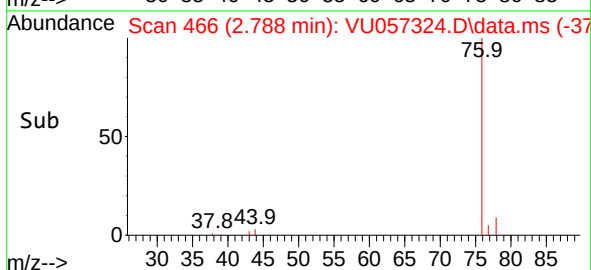
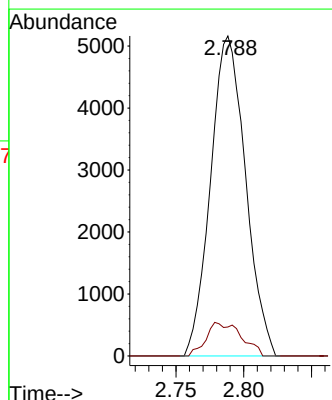
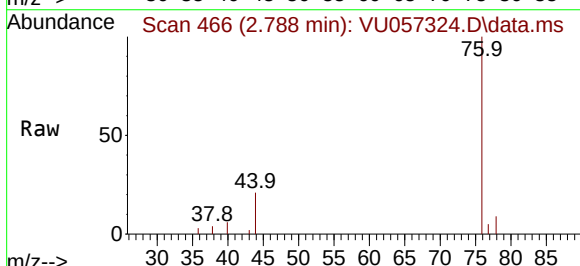
Acq: 28 Dec 2023 10:23

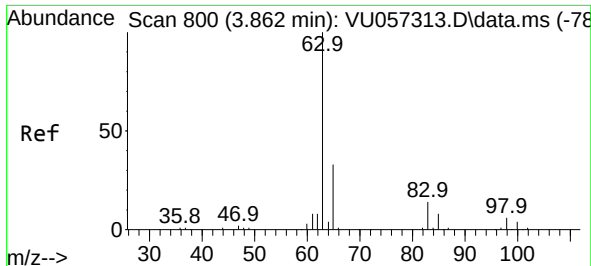
Tgt Ion: 76 Resp: 9257

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#19

1,1-Dichloroethane

Concen: 0.209 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057324.D

Acq: 28 Dec 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

BH7Z0

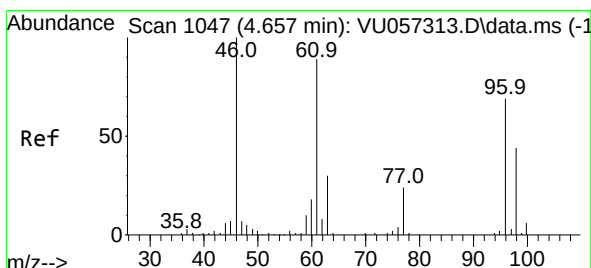
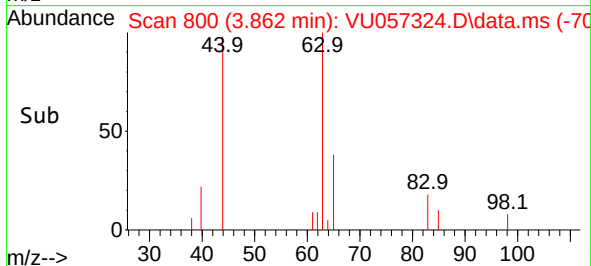
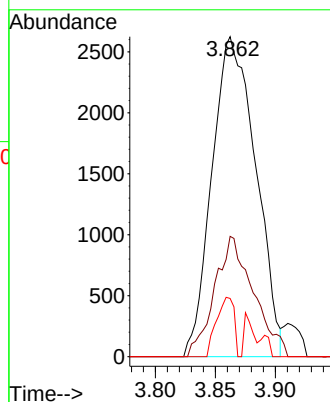
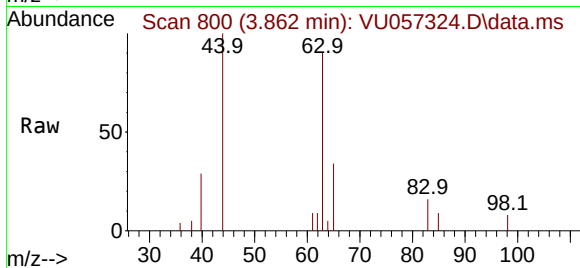
Tgt Ion: 63 Resp: 6660

Ion Ratio Lower Upper

63 100

65 37.6 23.6 43.8

83 18.2 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 0.940 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU057324.D

Acq: 28 Dec 2023 10:23

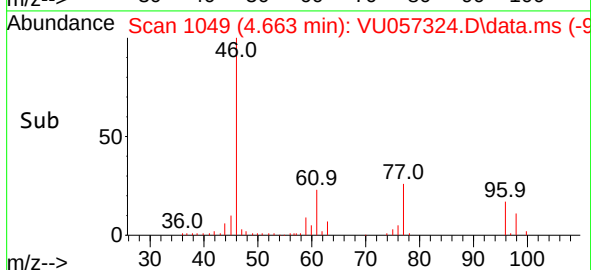
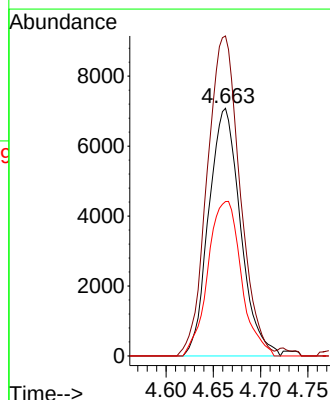
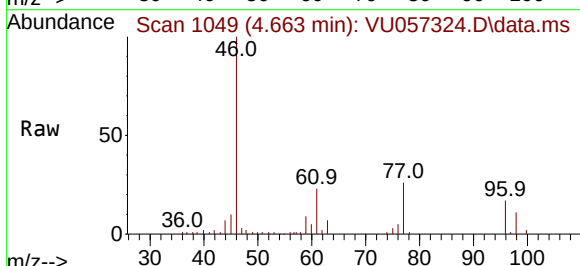
Tgt Ion: 96 Resp: 16519

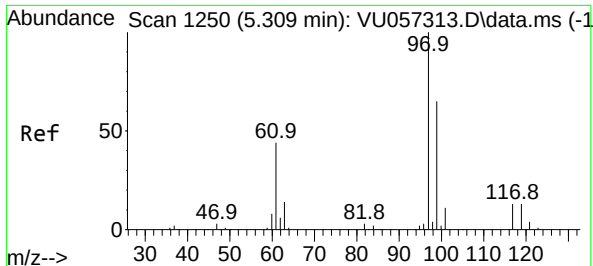
Ion Ratio Lower Upper

96 100

61 129.2 91.1 169.3

98 62.3 42.6 79.0





#29

1,1,1-Trichloroethane

Concen: 4.524 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057324.D

Acq: 28 Dec 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

BH7Z0

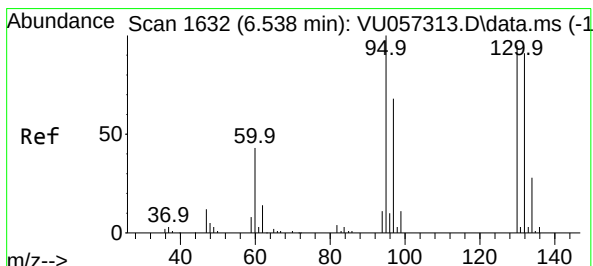
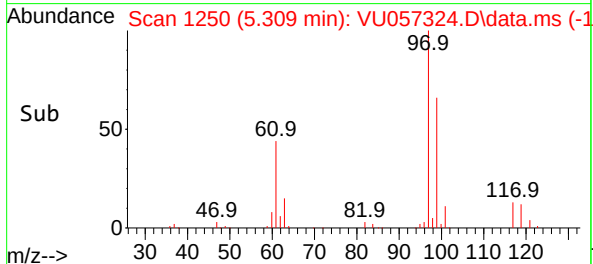
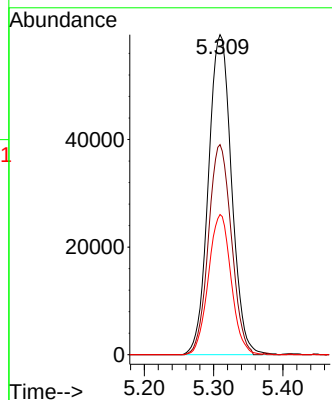
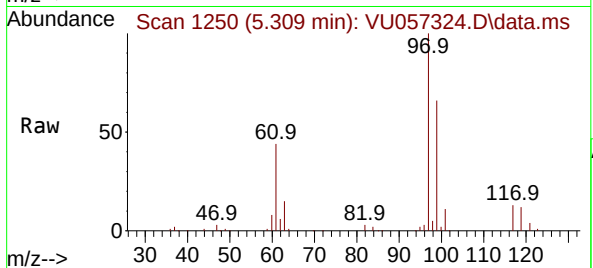
Tgt Ion: 97 Resp: 138120

Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 43.0 34.1 51.1



#34

Trichloroethene

Concen: 51.780 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU057324.D

Acq: 28 Dec 2023 10:23

Tgt Ion: 95 Resp: 958161

Ion Ratio Lower Upper

95 100

97 63.0 45.3 84.1

132 88.4 63.1 117.3

130 91.5 67.7 125.7

