

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049160.D
 Acq On : 15 Jun 2022 11:15
 Operator : SY/MD
 Sample : N3288-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ96

Quant Time: Jun 16 04:47:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

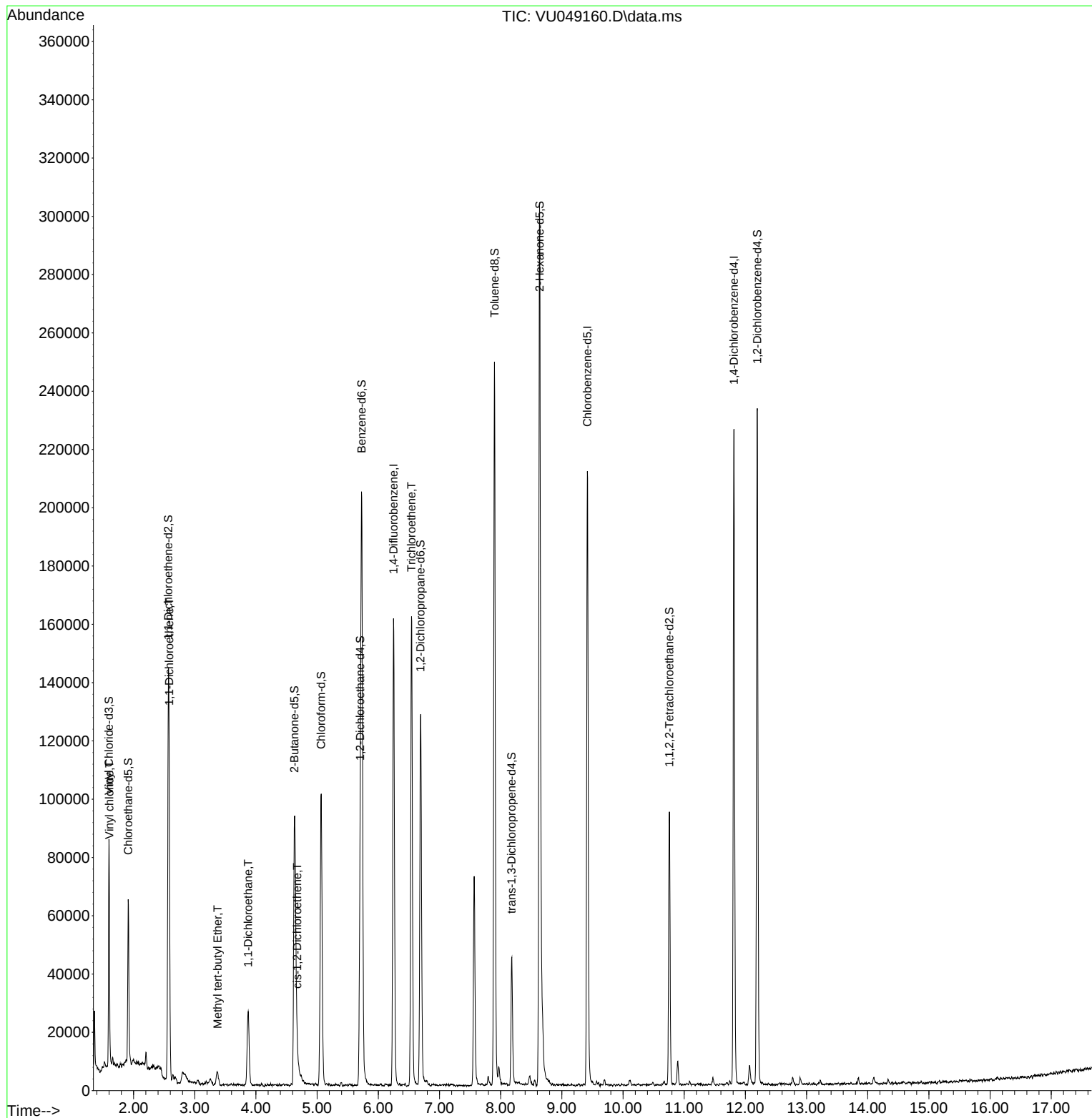
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	123964	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	116877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51095	4.717	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.912	69	38980	5.316	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.568	65	21238	4.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.400%	
20) 2-Butanone-d5	4.629	46	159821	55.260	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.520%	
24) Chloroform-d	5.067	84	89310	5.255	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
26) 1,2-Dichloroethane-d4	5.703	65	49985	5.362	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.200%	
32) Benzene-d6	5.729	84	183144	5.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	6.690	67	62676	5.245	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.899	98	163419	5.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
43) trans-1,3-Dichloroprop...	8.179	79	26217	4.938	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.800%	
46) 2-Hexanone-d5	8.636	63	104301	48.702	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.400%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48529	5.072	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	58217	5.278	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
5) Vinyl chloride	1.604	62	2535	0.243	ug/L #	53
12) 1,1-Dichloroethene	2.581	96	19973	2.865	ug/L #	71
17) Methyl tert-butyl Ether	3.372	73	4304	0.204	ug/L #	84
19) 1,1-Dichloroethane	3.874	63	29956	1.967	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	1530	0.177	ug/L	93
34) Trichloroethene	6.542	95	55808	6.278	ug/L	96

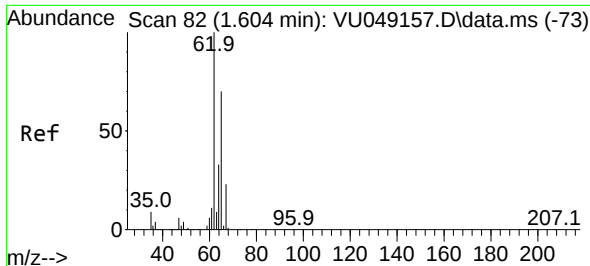
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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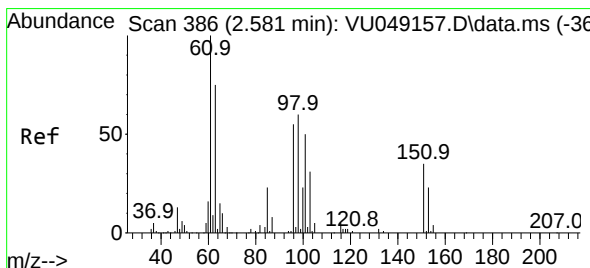
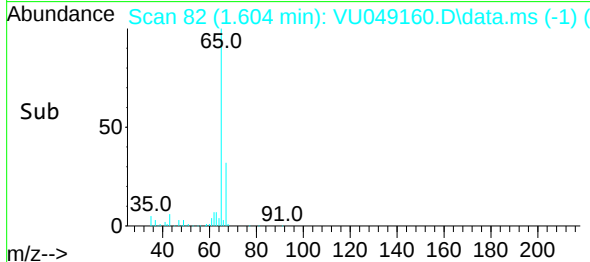
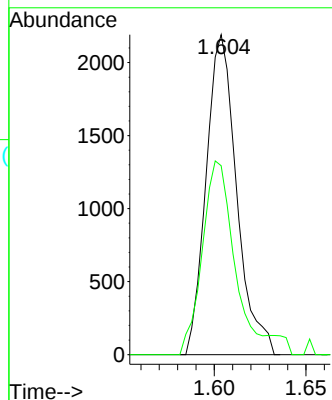
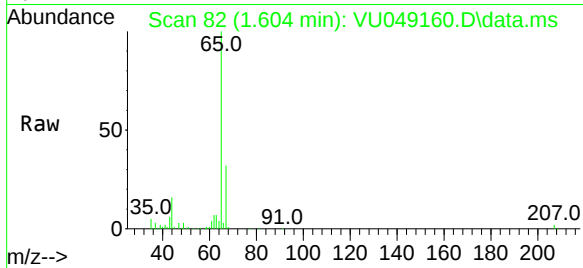




#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049160.D
 Acq: 15 Jun 2022 11:15

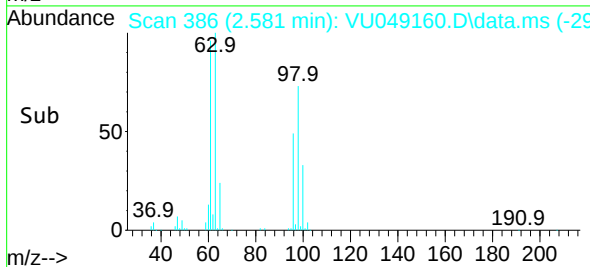
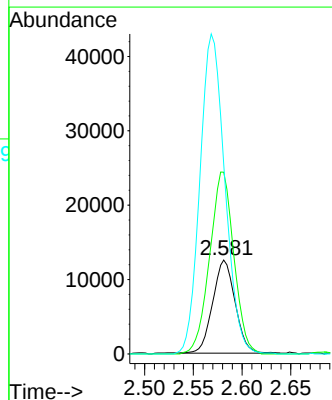
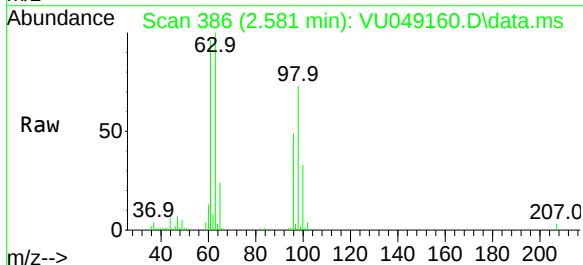
Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ96

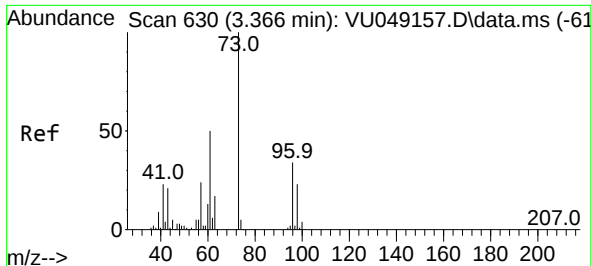
Tgt Ion: 62 Resp: 2535
 Ion Ratio Lower Upper
 62 100
 64 59.1 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 2.865 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049160.D
 Acq: 15 Jun 2022 11:15

Tgt Ion: 96 Resp: 19973
 Ion Ratio Lower Upper
 96 100
 61 193.6 127.2 236.2
 63 202.1 94.7 175.9#





#17

Methyl tert-butyl Ether

Concen: 0.204 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.007 min

Lab File: VU049160.D

Acq: 15 Jun 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

BGJ96

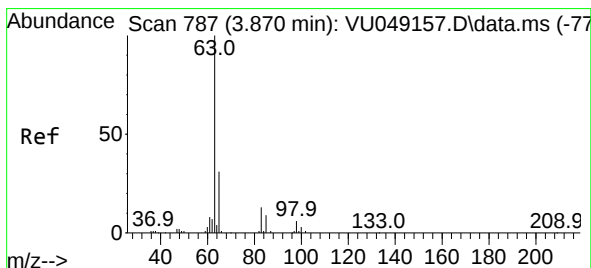
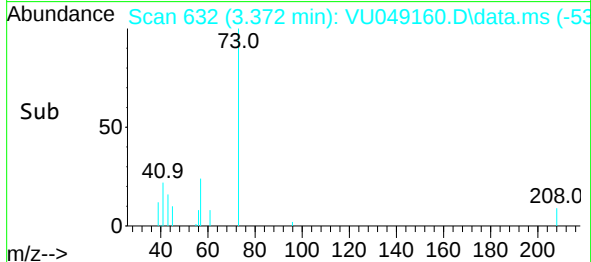
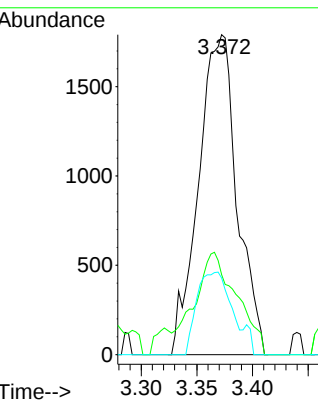
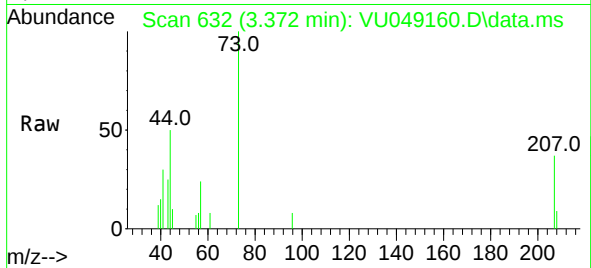
Tgt Ion: 73 Resp: 4304

Ion Ratio Lower Upper

73 100

43 35.3 16.5 24.7#

57 24.2 18.6 27.8



#19

1,1-Dichloroethane

Concen: 1.967 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU049160.D

Acq: 15 Jun 2022 11:15

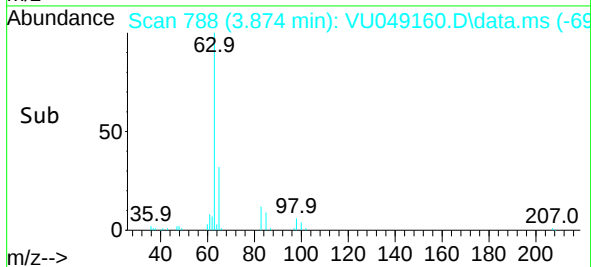
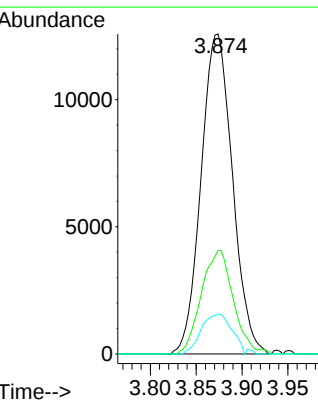
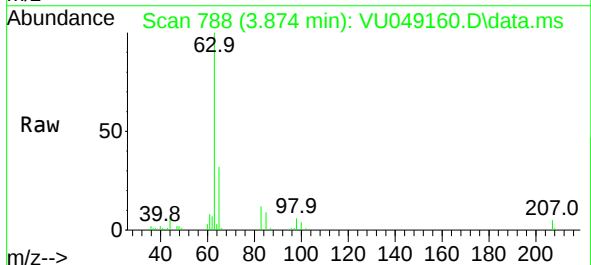
Tgt Ion: 63 Resp: 29956

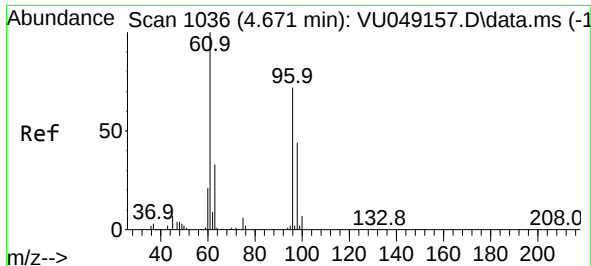
Ion Ratio Lower Upper

63 100

65 32.4 24.0 44.6

83 12.3 9.1 16.9

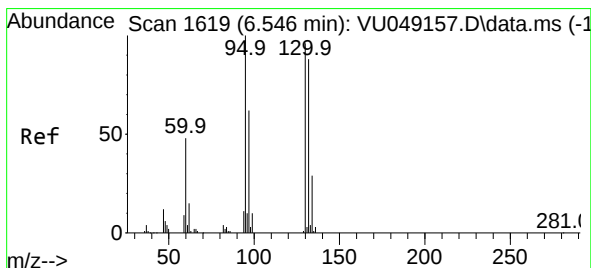
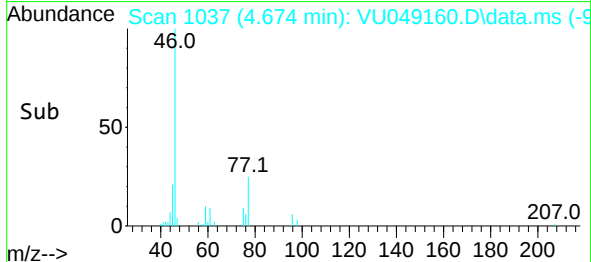
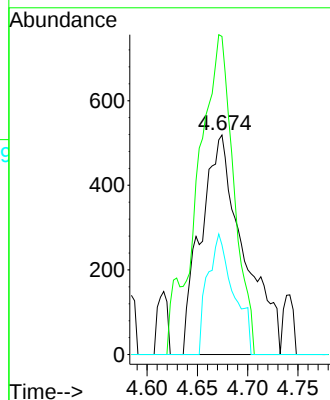
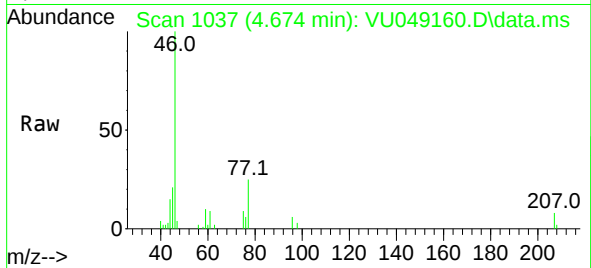




#22
 cis-1,2-Dichloroethene
 Concen: 0.177 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU049160.D
 Acq: 15 Jun 2022 11:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ96

Tgt Ion: 96 Resp: 1530
 Ion Ratio Lower Upper
 96 100
 61 144.9 99.5 184.9
 98 49.9 44.8 83.2



#34
 Trichloroethene
 Concen: 6.278 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU049160.D
 Acq: 15 Jun 2022 11:15

Tgt Ion: 95 Resp: 55808
 Ion Ratio Lower Upper
 95 100
 97 61.7 45.3 84.1
 132 91.9 61.5 114.3
 130 96.5 65.6 121.8

