

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051786.D
 Acq On : 08 Nov 2022 16:06
 Operator : JC/MD
 Sample : N5493-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC6

Quant Time: Nov 09 00:02:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

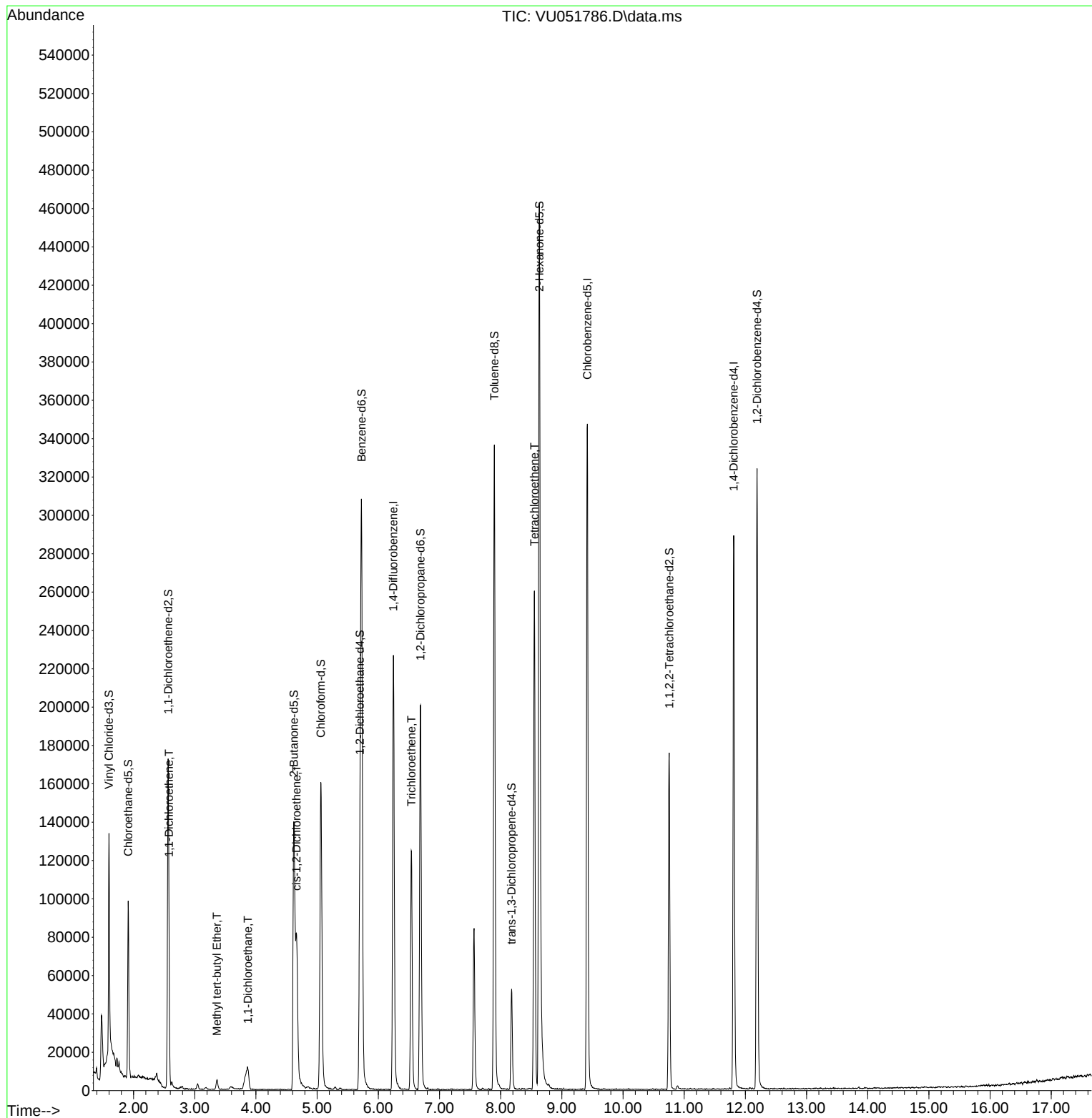
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	190115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75635	5.282	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.912	69	68920	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.565	65	32262	6.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	124.200%
20) 2-Butanone-d5	4.620	46	204640	39.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.920%
24) Chloroform-d	5.060	84	154946	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.700	65	80772	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.726	84	298809	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.690	67	99740	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.896	98	234571	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.179	79	30725	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.632	63	156203	38.176	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.360%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91342	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	89394	6.093	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.800%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	5810	0.352	ug/L	# 1
17) Methyl tert-butyl Ether	3.362	73	4338	0.114	ug/L	97
19) 1,1-Dichloroethane	3.867	63	12116	0.370	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	36317	1.850	ug/L	95
34) Trichloroethene	6.539	95	44036	2.295	ug/L	98
47) Tetrachloroethene	8.552	164	60197	4.097	ug/L	93

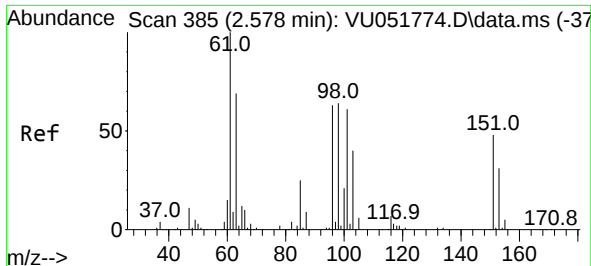
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.352 ug/L

RT: 2.578 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU051786.D

Acq: 08 Nov 2022 16:06

Instrument :

MSVOA_U

ClientSampleId :

H0AC6

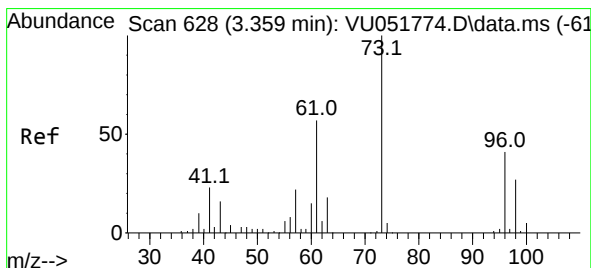
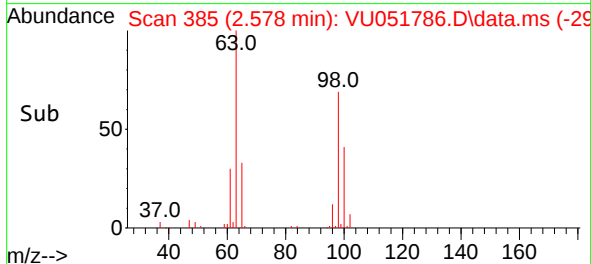
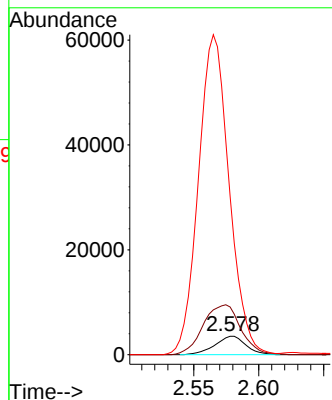
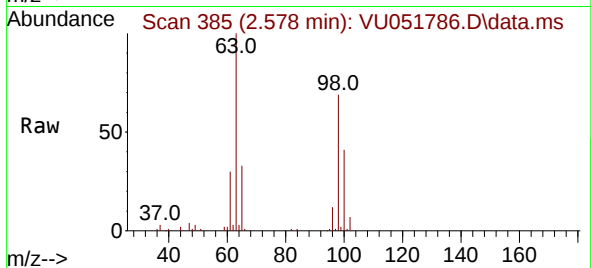
Tgt Ion: 96 Resp: 5810

Ion Ratio Lower Upper

96 100

61 258.4 108.8 202.0#

63 857.5 64.9 120.5#



#17

Methyl tert-butyl Ether

Concen: 0.114 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU051786.D

Acq: 08 Nov 2022 16:06

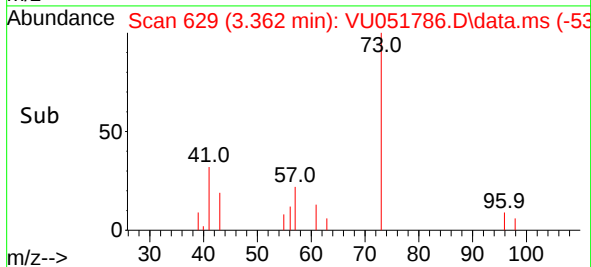
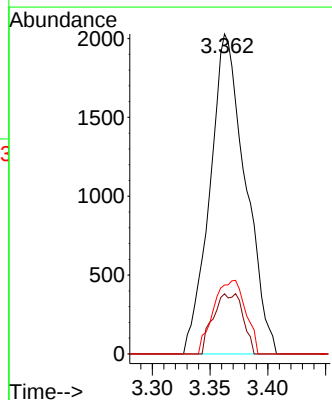
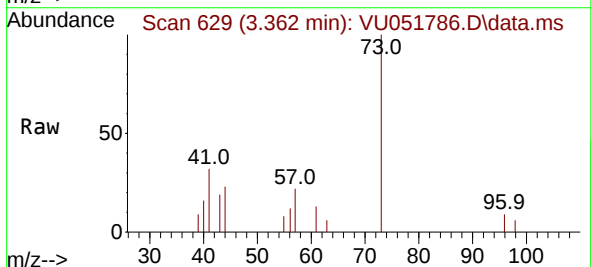
Tgt Ion: 73 Resp: 4338

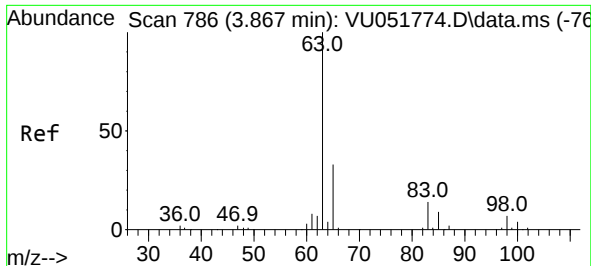
Ion Ratio Lower Upper

73 100

43 15.7 13.6 20.4

57 20.7 17.5 26.3

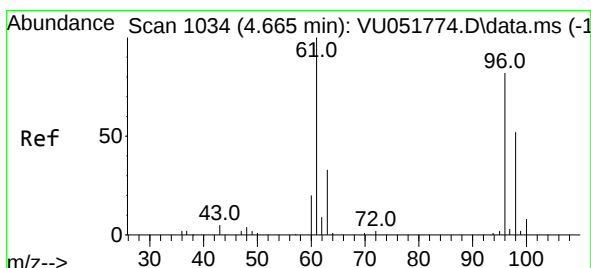
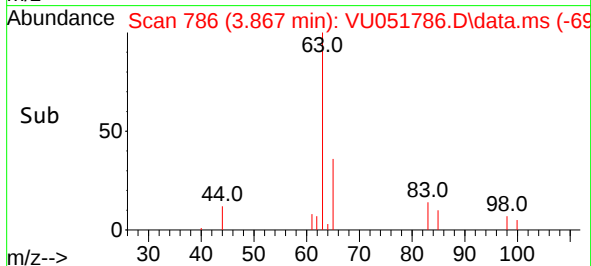
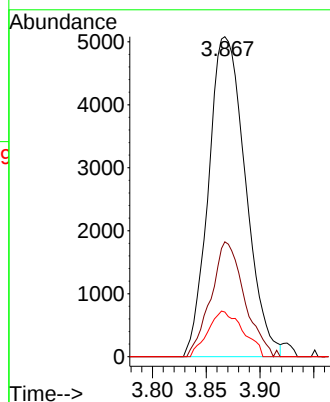
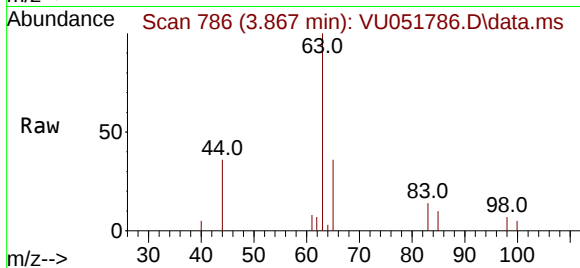




#19
1,1-Dichloroethane
Concen: 0.370 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051786.D
Acq: 08 Nov 2022 16:06

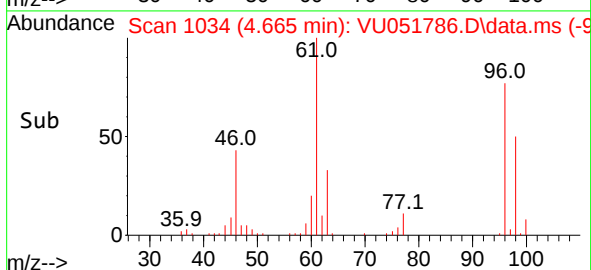
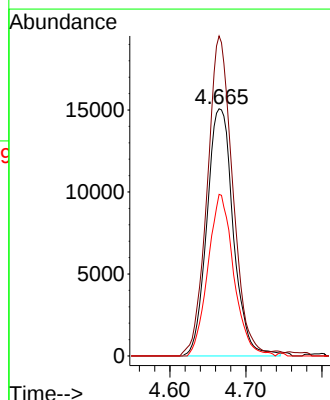
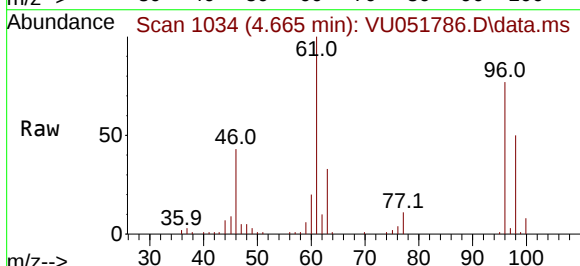
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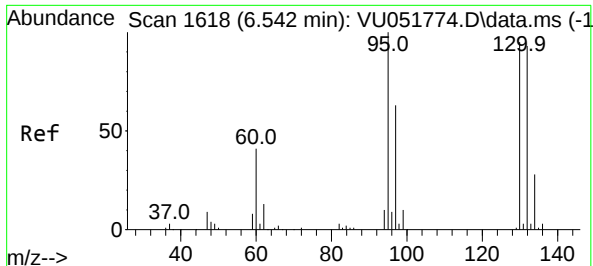
Tgt Ion:	63	Resp:	12116
Ion	Ratio	Lower	Upper
63	100		
65	35.9	22.7	42.1
83	14.0	9.2	17.0



#22
cis-1,2-Dichloroethene
Concen: 1.850 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051786.D
Acq: 08 Nov 2022 16:06

Tgt Ion:	96	Resp:	36317
Ion	Ratio	Lower	Upper
96	100		
61	129.5	86.4	160.4
98	65.4	44.2	82.2

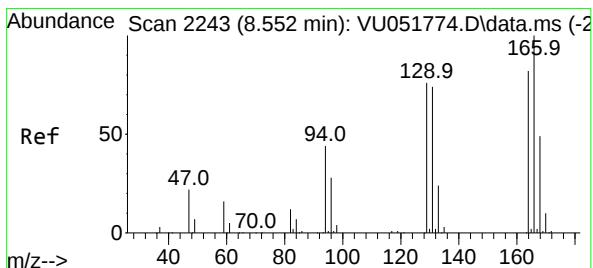
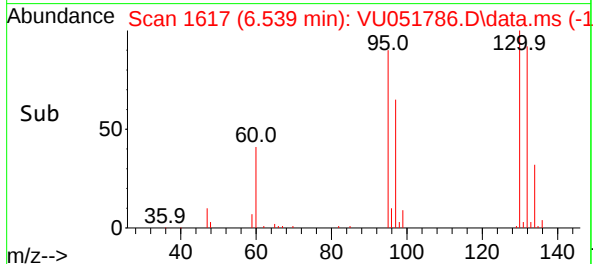
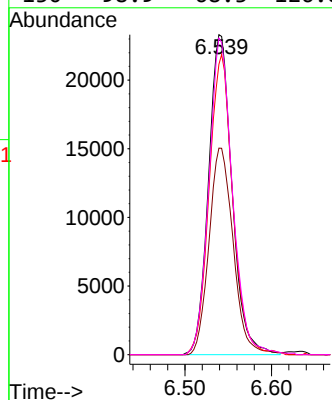
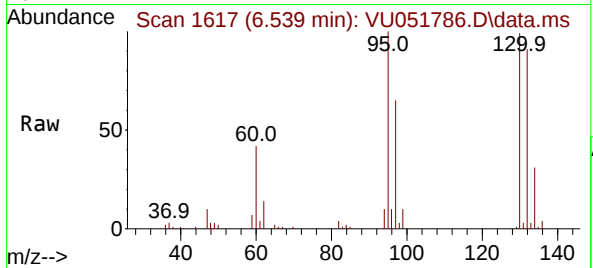




#34
Trichloroethene
Concen: 2.295 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051786.D
Acq: 08 Nov 2022 16:06

Instrument :
MSVOA_U
ClientSampleId :
H0AC6

Tgt Ion: 95 Resp: 44036
Ion Ratio Lower Upper
95 100
97 64.5 45.2 84.0
132 90.7 66.5 123.5
130 98.9 68.3 126.8



#47
Tetrachloroethene
Concen: 4.097 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051786.D
Acq: 08 Nov 2022 16:06

Tgt Ion: 164 Resp: 60197
Ion Ratio Lower Upper
164 100
129 97.1 64.0 118.8
131 93.0 60.7 112.7
166 132.5 86.8 161.2

