

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050199.D
 Acq On : 09 Aug 2022 23:34
 Operator : SY/MD
 Sample : N4076-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU5

Quant Time: Aug 10 06:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

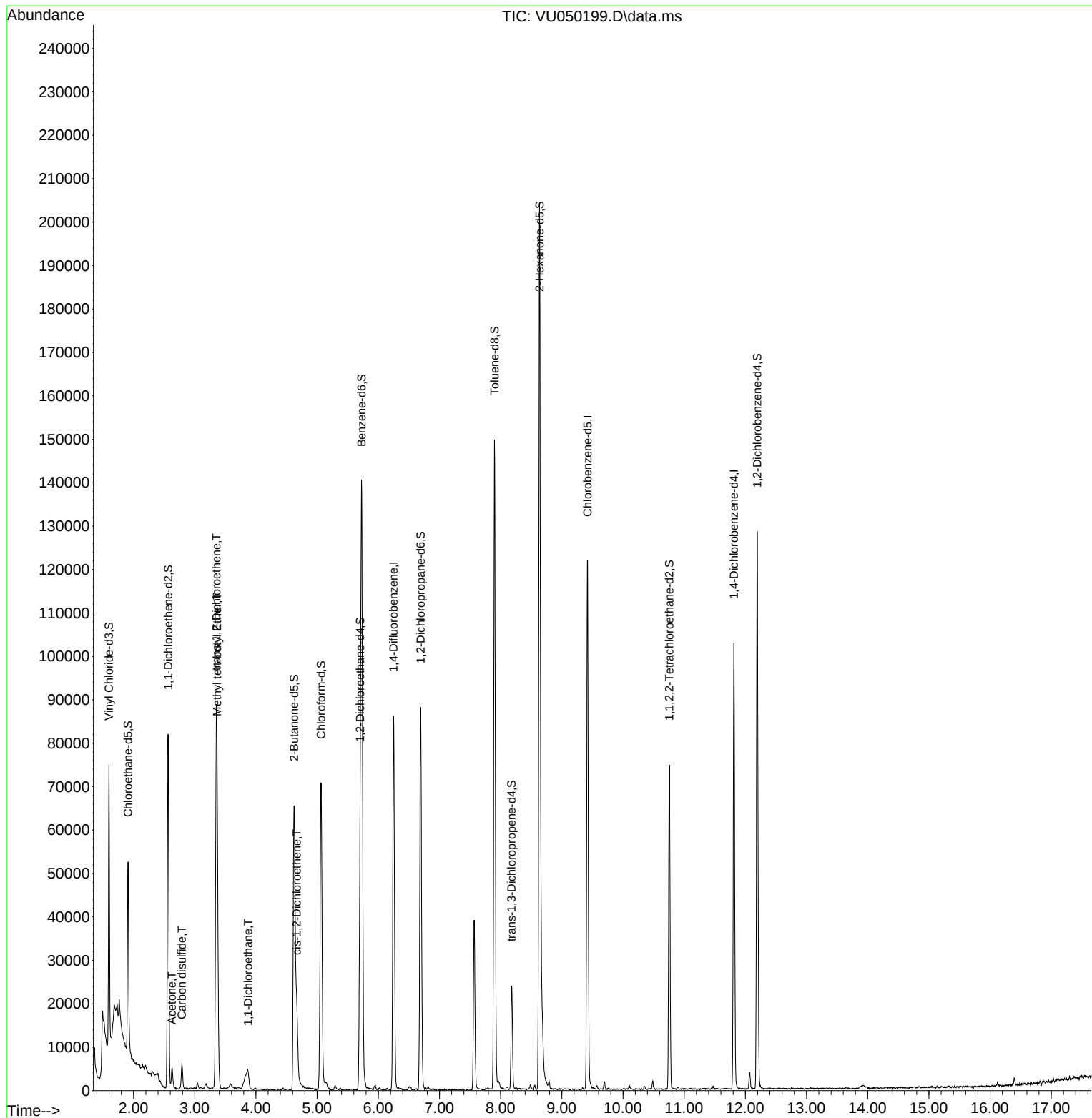
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	70584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	72342	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45235	7.701	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	154.000%#	
7) Chloroethane-d5	1.909	69	33386	7.045	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	140.800%#	
11) 1,1-Dichloroethene-d2	2.565	65	15809	6.886	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	137.800%#	
20) 2-Butanone-d5	4.623	46	94157	65.732	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.460%#	
24) Chloroform-d	5.063	84	67998	6.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	124.400%	
26) 1,2-Dichloroethane-d4	5.703	65	35177	6.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	125.400%	
32) Benzene-d6	5.729	84	133306	5.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	118.000%	
36) 1,2-Dichloropropane-d6	6.694	67	45051	6.060	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	121.200%	
41) Toluene-d8	7.899	98	106342	5.334	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
43) trans-1,3-Dichloroprop...	8.179	79	14734	5.531	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	110.600%	
46) 2-Hexanone-d5	8.636	63	64764	68.555	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	137.120%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39805	6.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	122.000%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	35173	6.327	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	126.600%#	
Target Compounds						Qvalue
13) Acetone	2.626	43	5250	6.581	ug/L	94
14) Carbon disulfide	2.790	76	7457	0.428	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	42427	3.332	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	25032	4.582	ug/L	92
19) 1,1-Dichloroethane	3.871	63	1653	0.160	ug/L #	88
22) cis-1,2-Dichloroethene	4.668	96	7664	1.264	ug/L	92

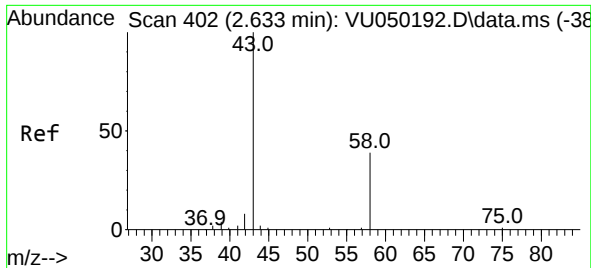
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.581 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.006 min

Lab File: VU050199.D

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Instrument :

MSVOA_U

ClientSampleId :

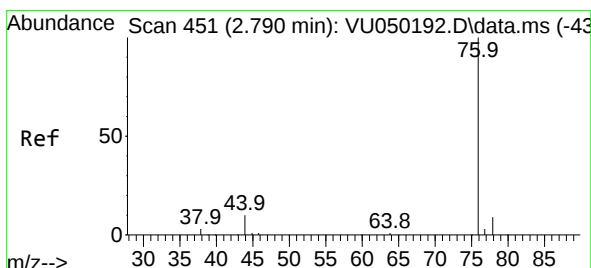
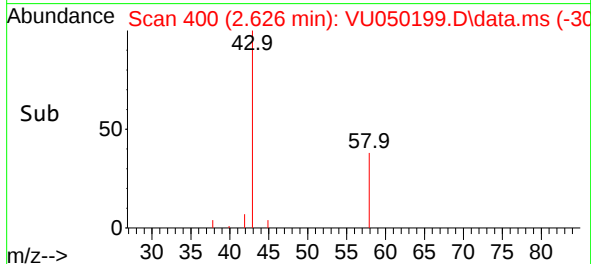
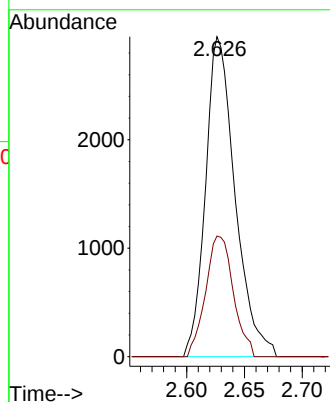
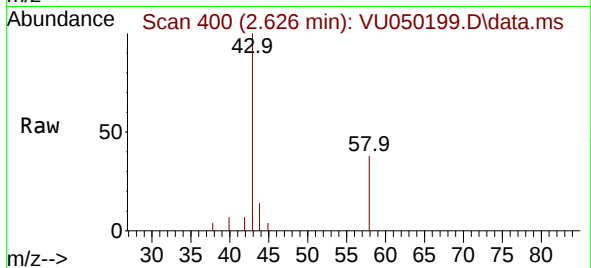
DBUU5

Tgt Ion: 43 Resp: 5250

Ion Ratio Lower Upper

43 100

58 35.4 0.0 64.0



#14

Carbon disulfide

Concen: 0.428 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050199.D

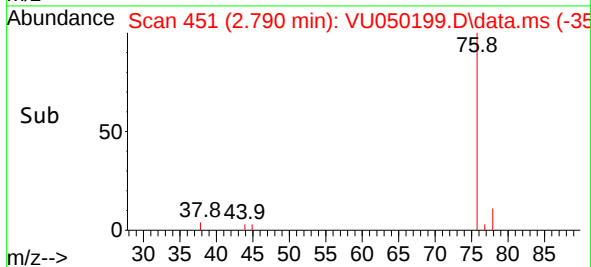
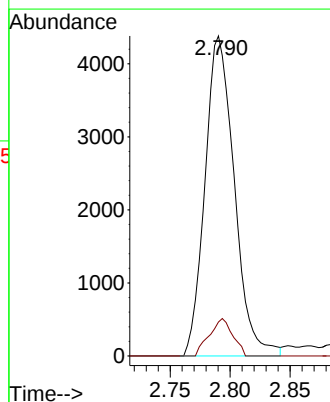
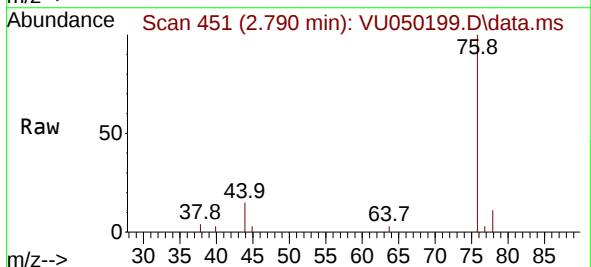
Acq: 09 Aug 2022 23:34

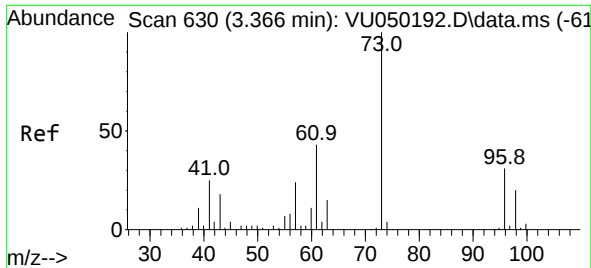
Tgt Ion: 76 Resp: 7457

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0

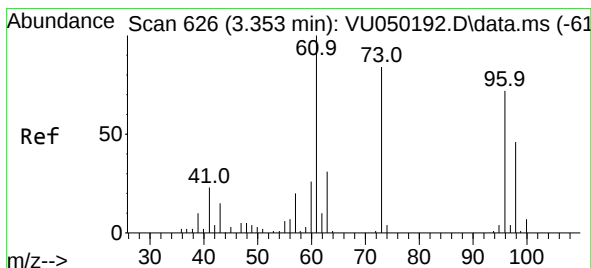
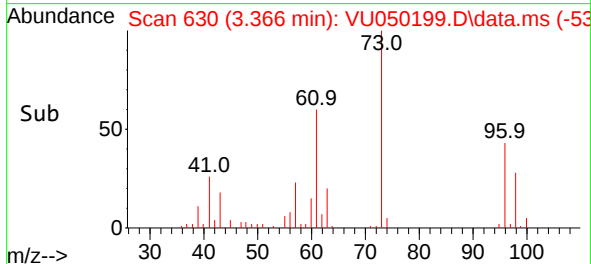
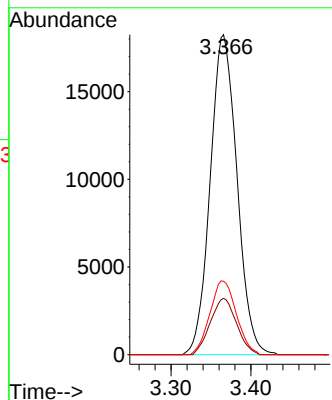
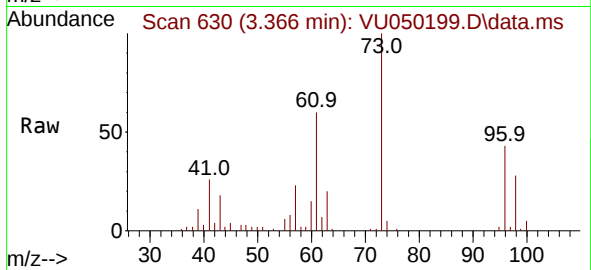




#17
Methyl tert-butyl Ether
Concen: 3.332 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050199.D
Acq: 09 Aug 2022 23:34

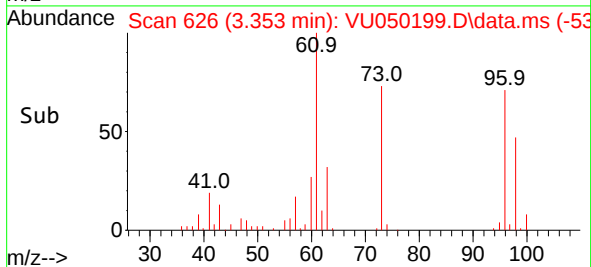
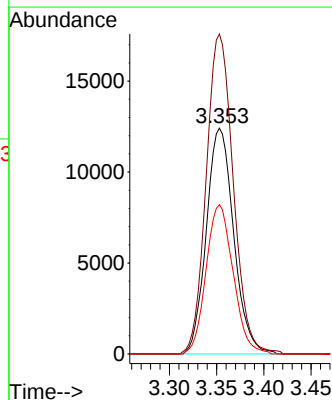
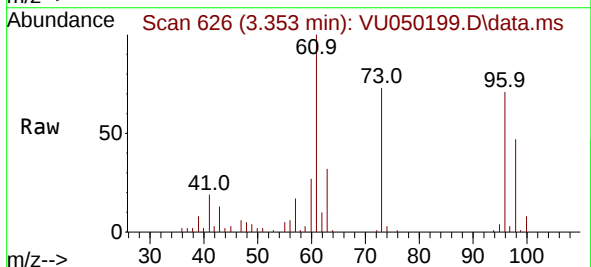
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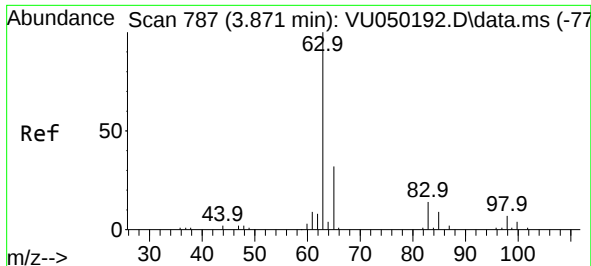
Tgt Ion: 73	Resp: 42427
Ion Ratio	Lower Upper
73 100	
43 17.2	13.5 20.3
57 22.8	17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.582 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU050199.D
Acq: 09 Aug 2022 23:34

Tgt Ion: 96	Resp: 25032
Ion Ratio	Lower Upper
96 100	
61 141.8	92.3 171.5
98 66.2	43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU050199.D

Acq: 09 Aug 2022 23:34

Instrument :

MSVOA_U

ClientSampleId :

DBUU5

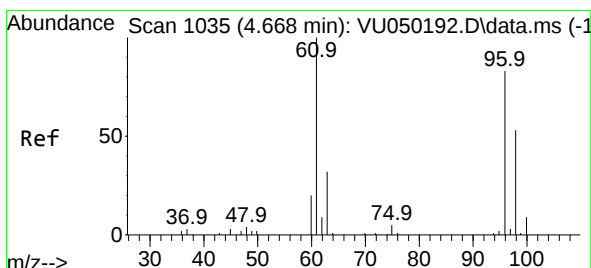
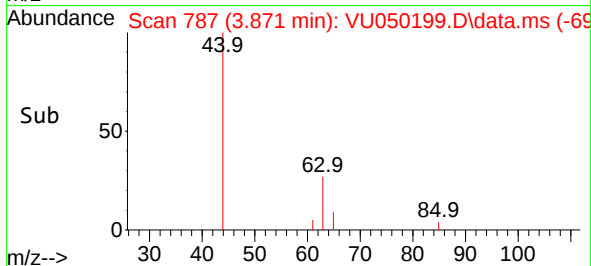
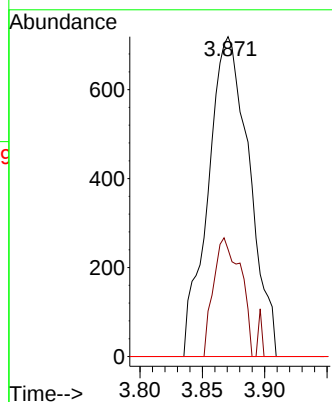
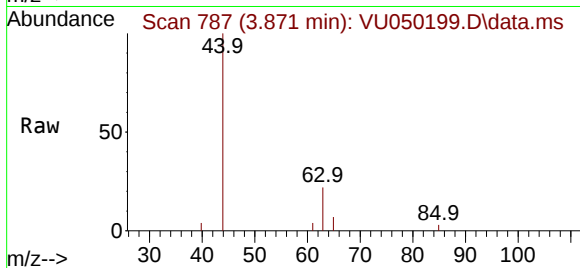
Tgt Ion: 63 Resp: 1653

Ion Ratio Lower Upper

63 100

65 33.5 22.7 42.3

83 0.0 9.8 18.2#



#22

cis-1,2-Dichloroethene

Concen: 1.264 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050199.D

Acq: 09 Aug 2022 23:34

Tgt Ion: 96 Resp: 7664

Ion Ratio Lower Upper

96 100

61 116.7 89.0 165.4

98 68.3 45.2 84.0

