

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055006.D
 Acq On : 30 Aug 2023 19:22
 Operator : MD/SY
 Sample : 04230-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH493

Quant Time: Aug 31 02:39:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

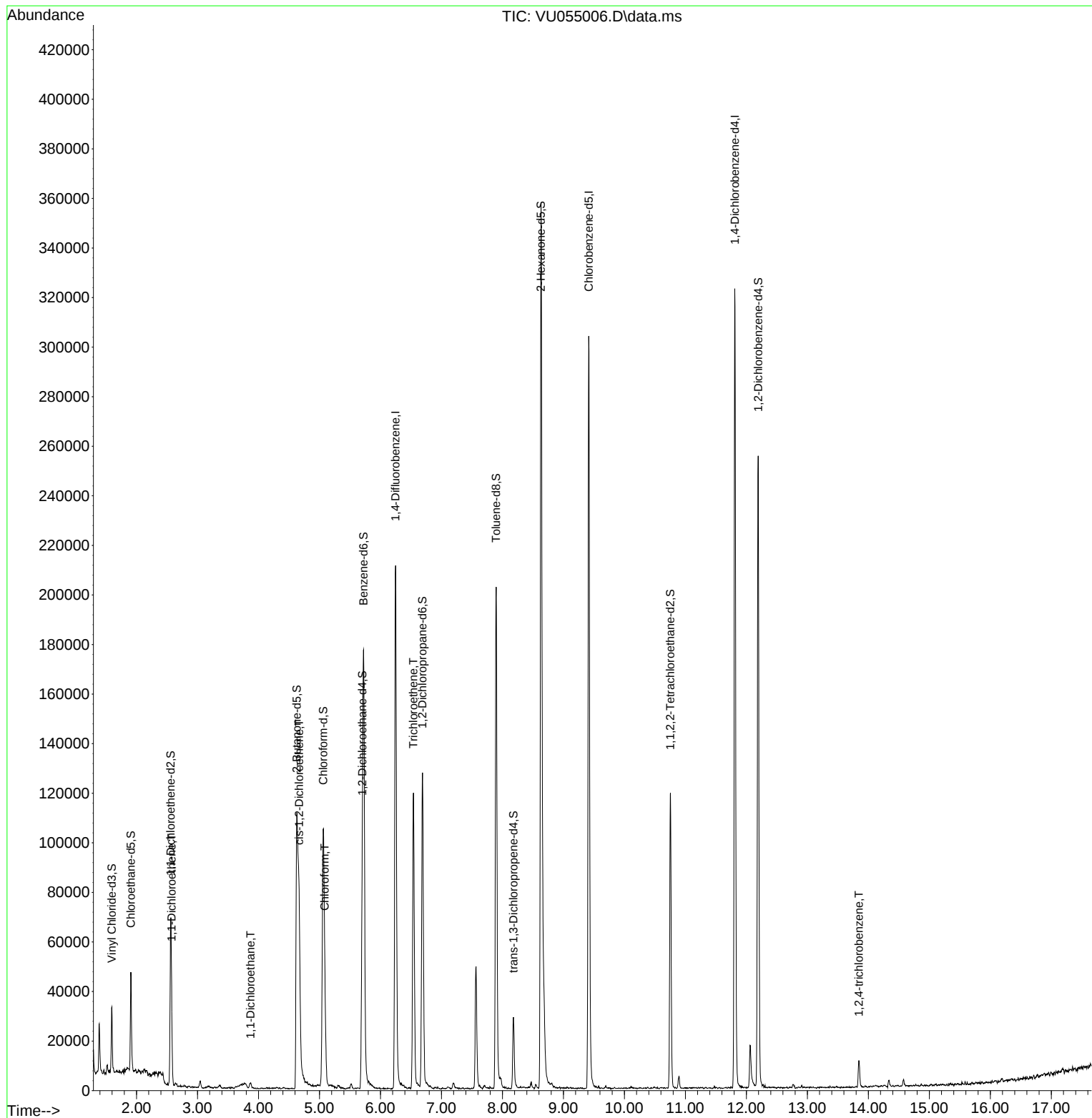
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	81191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18134	3.427	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.600%	
7) Chloroethane-d5	1.907	69	27260	3.988	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.560	65	12760	4.267	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	4.627	46	176565	61.817	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.640%	
24) Chloroform-d	5.062	84	91194	4.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.701	65	53029	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.724	84	158829	4.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.688	67	61447	4.734	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.897	98	139441	3.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	8.180	79	17620	4.125	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.631	63	116091	57.258	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.520%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57702	5.184	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63657	4.910	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	5195	0.686	ug/L #	27
19) 1,1-Dichloroethane	3.869	63	2785	0.160	ug/L	87
22) cis-1,2-Dichloroethene	4.666	96	24984	2.533	ug/L	90
25) Chloroform	5.087	83	28616	1.503	ug/L	94
34) Trichloroethene	6.541	95	40194	3.744	ug/L	95
70) 1,2,4-trichlorobenzene	13.846	180	3815	0.360	ug/L	96

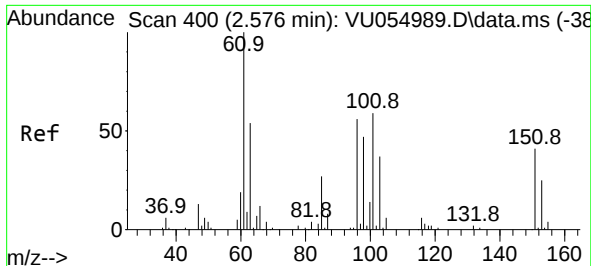
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.686 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

BH493

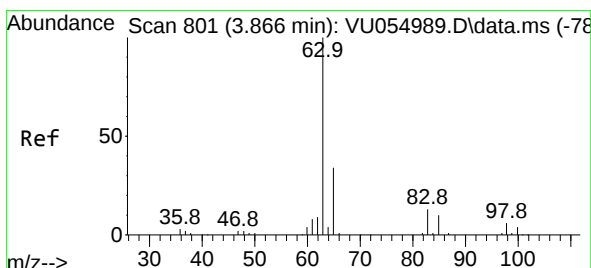
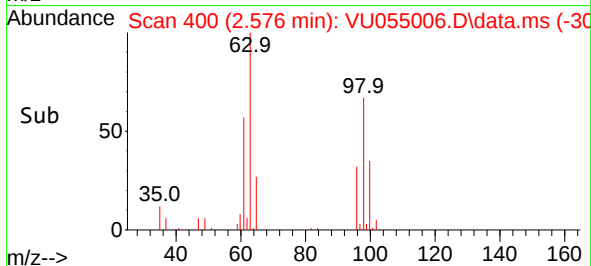
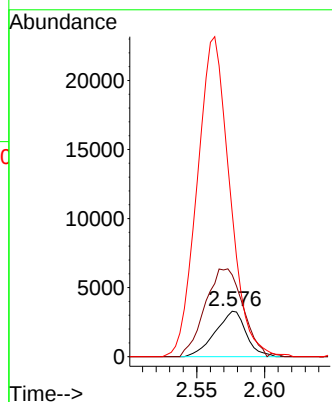
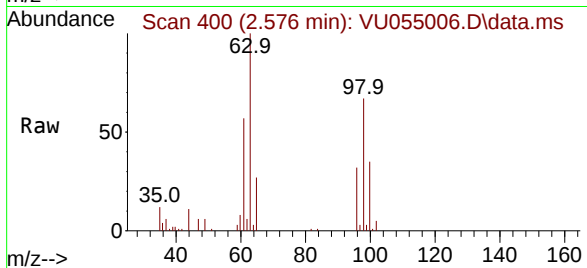
Tgt Ion: 96 Resp: 5195

Ion Ratio Lower Upper

96 100

61 180.0 132.4 245.8

63 317.0 82.5 153.1#



#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.003 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

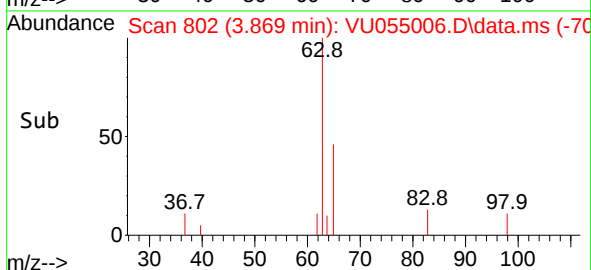
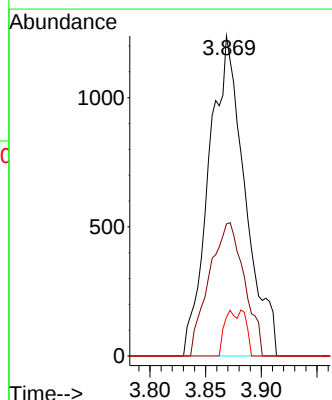
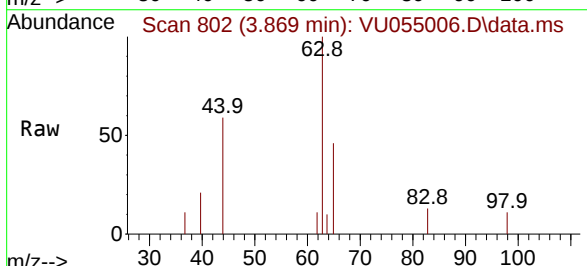
Tgt Ion: 63 Resp: 2785

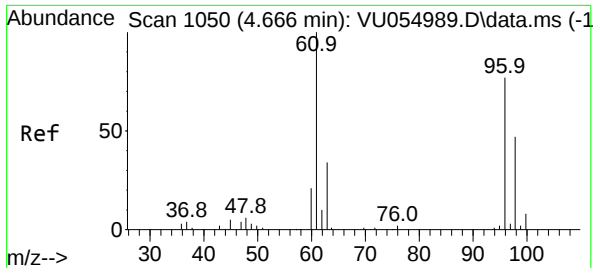
Ion Ratio Lower Upper

63 100

65 41.2 22.5 41.7

83 12.1 9.5 17.7

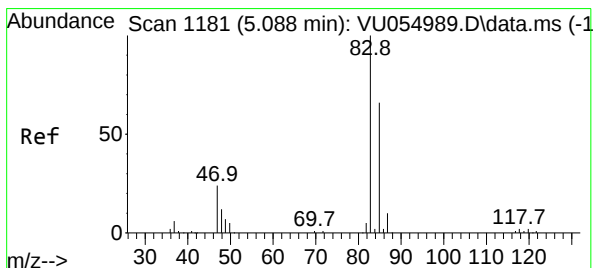
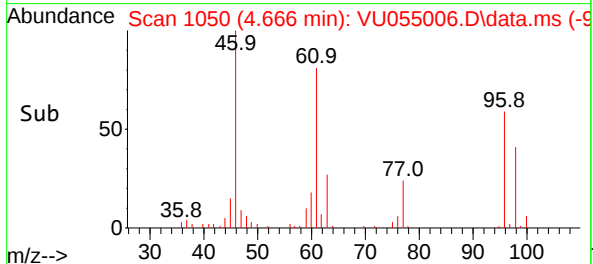
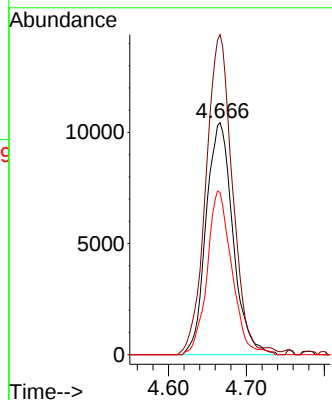
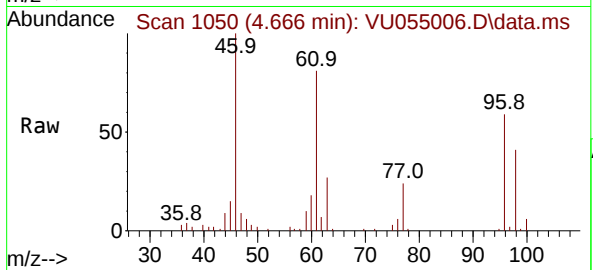




#22
 cis-1,2-Dichloroethene
 Concen: 2.533 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VU055006.D
 Acq: 30 Aug 2023 19:22

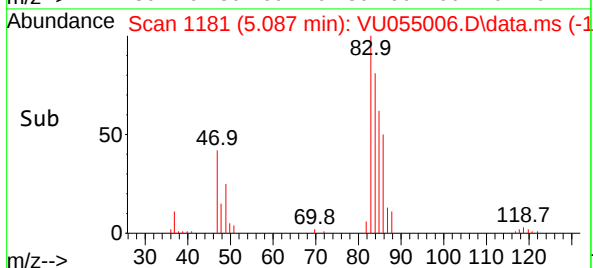
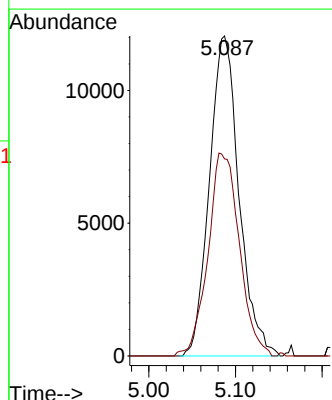
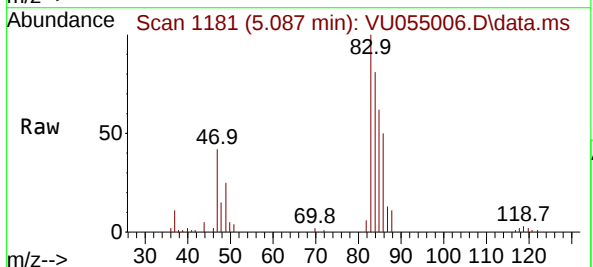
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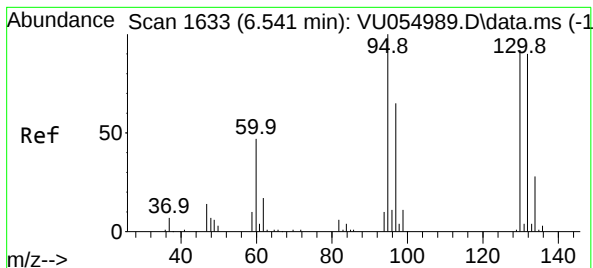
Tgt Ion:	96	Resp:	24984
Ion	Ratio	Lower	Upper
96	100		
61	137.9	88.4	164.2
98	69.9	44.0	81.6



#25
 Chloroform
 Concen: 1.503 ug/L
 RT: 5.087 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VU055006.D
 Acq: 30 Aug 2023 19:22

Tgt Ion:	83	Resp:	28616
Ion	Ratio	Lower	Upper
83	100		
85	61.6	46.7	86.7





#34

Trichloroethene

Concen: 3.744 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

BH493

Tgt Ion: 95 Resp: 40194

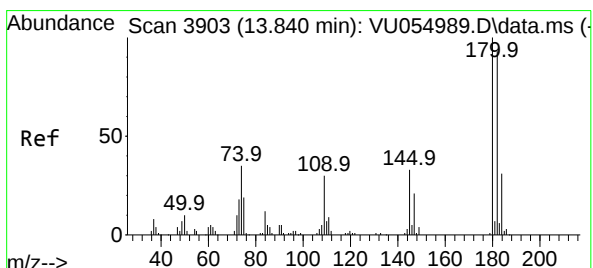
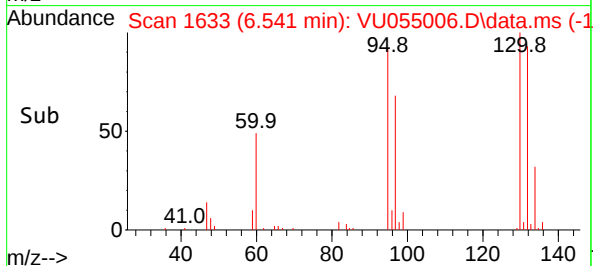
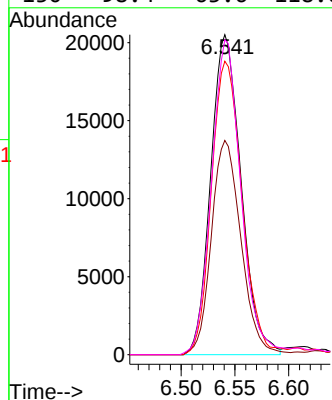
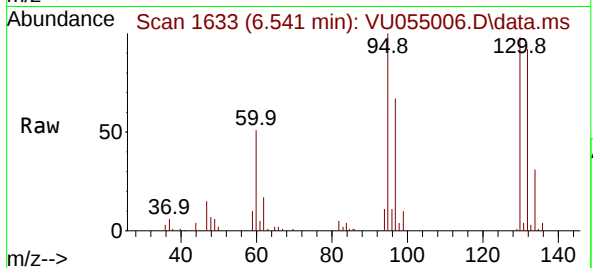
Ion Ratio Lower Upper

95 100

97 67.0 44.1 81.9

132 91.7 63.6 118.2

130 98.4 63.6 118.0



#70

1,2,4-trichlorobenzene

Concen: 0.360 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.006 min

Lab File: VU055006.D

Acq: 30 Aug 2023 19:22

Tgt Ion:180 Resp: 3815

Ion Ratio Lower Upper

180 100

182 96.3 74.9 112.3

145 28.7 25.8 38.8

