

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056762.D
 Acq On : 12 Dec 2023 03:47
 Operator : MD/SY
 Sample : 05675-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB5

Quant Time: Dec 12 05:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

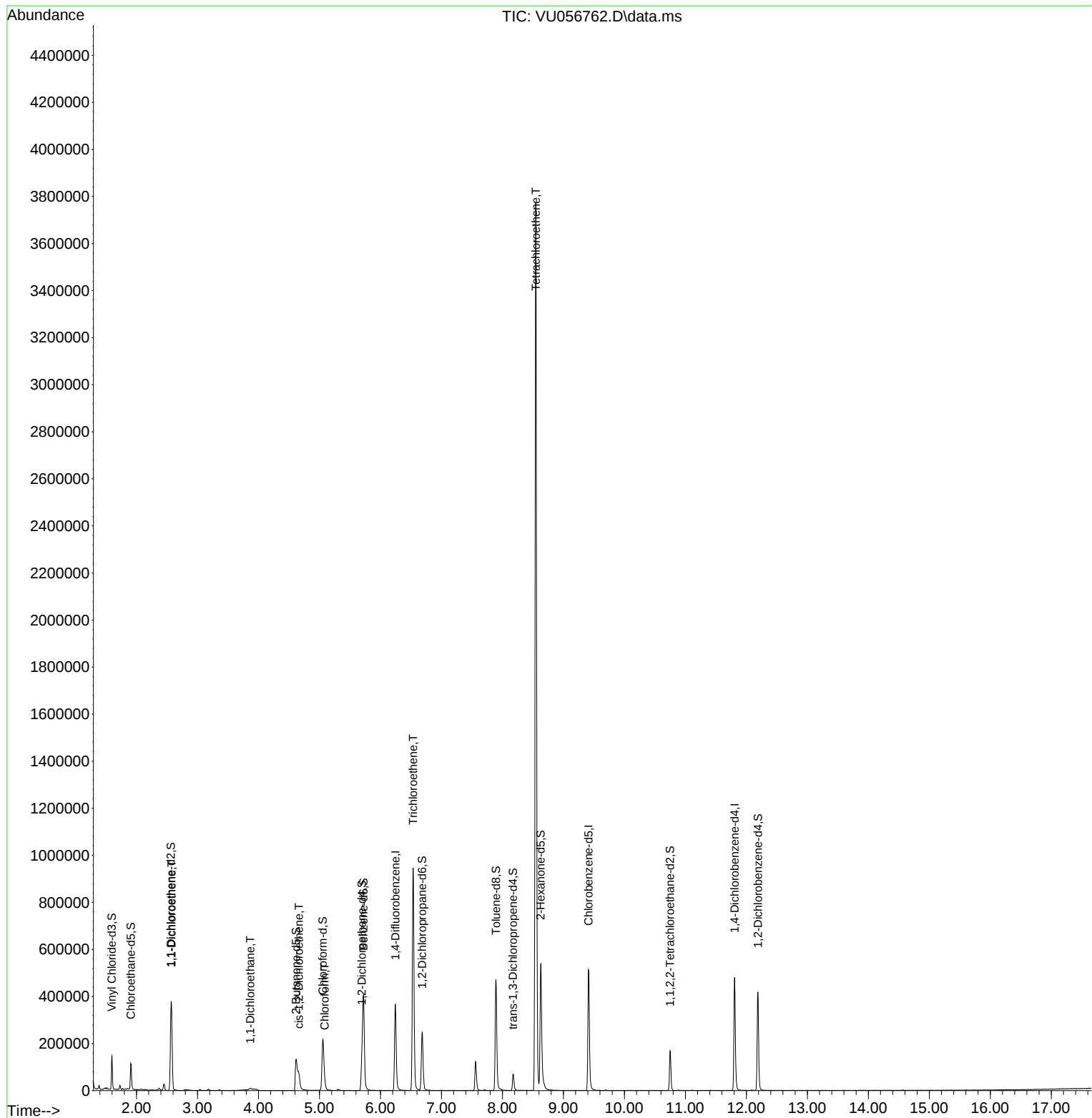
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	292620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	301884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99597	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.907	69	83123	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	46425	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	211695	42.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.480%
24) Chloroform-d	5.055	84	202893	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	99573	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.721	84	392928	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.682	67	123374	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	334033	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	44592	3.923	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.627	63	184929	43.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85779	4.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	110824	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	77019	3.242	ug/L	92
19) 1,1-Dichloroethane	3.865	63	7500	0.162	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	27581	1.053	ug/L	96
25) Chloroform	5.084	83	26721	0.551	ug/L	96
34) Trichloroethene	6.534	95	341403	11.731	ug/L	97
47) Tetrachloroethene	8.547	164	806910	39.617	ug/L	97

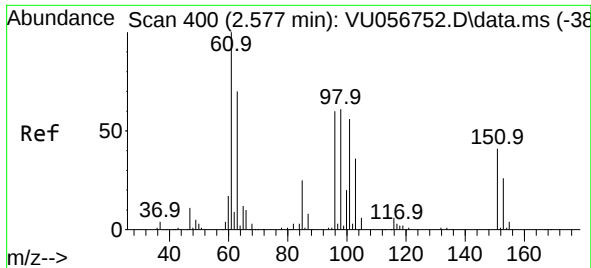
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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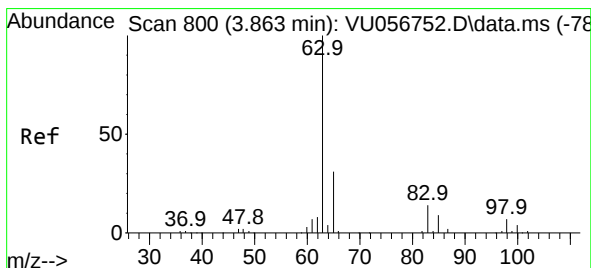
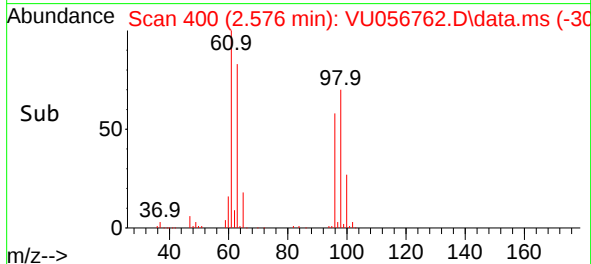
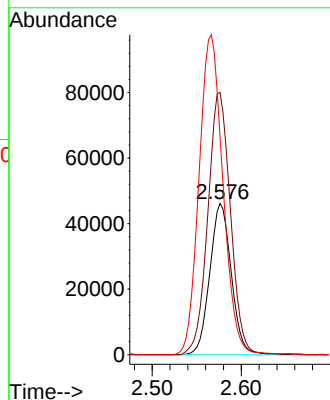
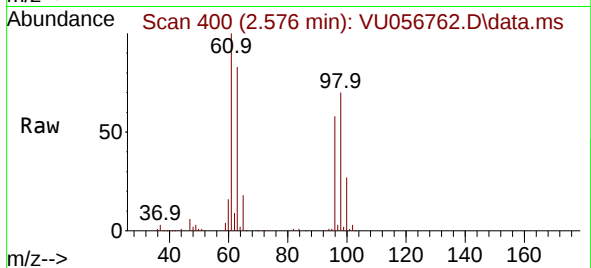




#12
1,1-Dichloroethene
Concen: 3.242 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056762.D
Acq: 12 Dec 2023 03:47

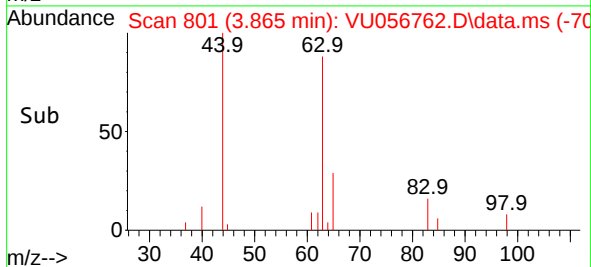
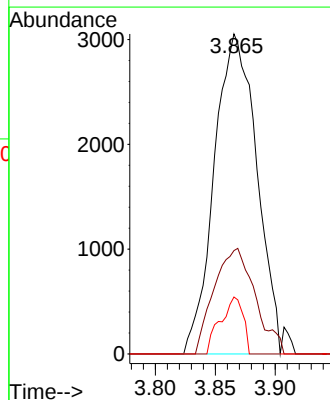
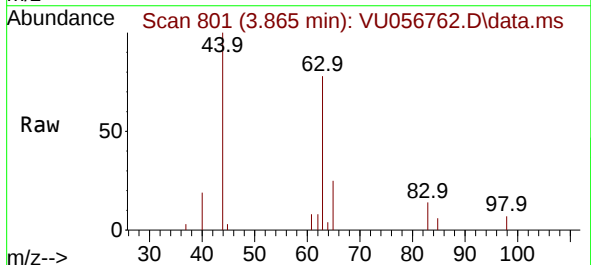
Instrument :
MSVOA_U
ClientSampleId :
H0AB5

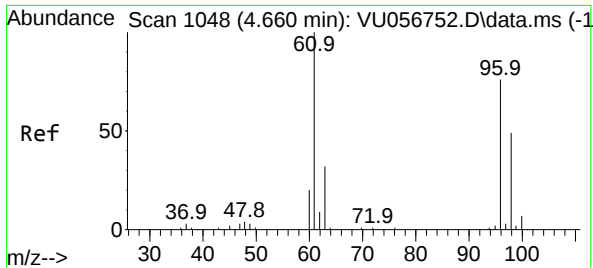
Tgt Ion: 96 Resp: 77019
Ion Ratio Lower Upper
96 100
61 173.3 119.0 221.0
63 143.9 88.7 164.7



#19
1,1-Dichloroethane
Concen: 0.162 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056762.D
Acq: 12 Dec 2023 03:47

Tgt Ion: 63 Resp: 7500
Ion Ratio Lower Upper
63 100
65 32.3 22.9 42.5
83 17.8 10.1 18.9

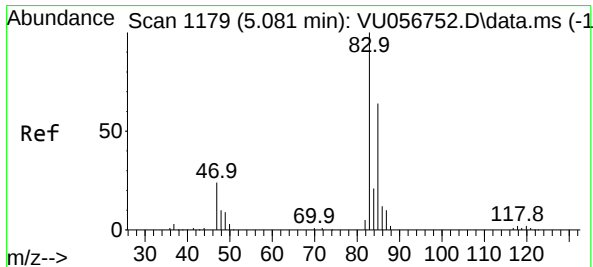
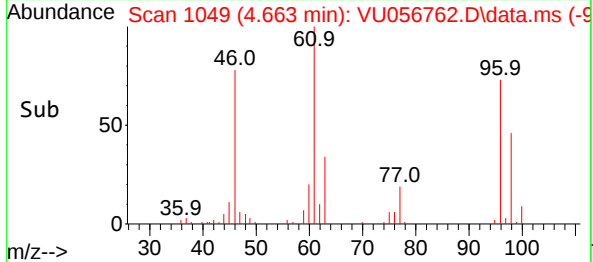
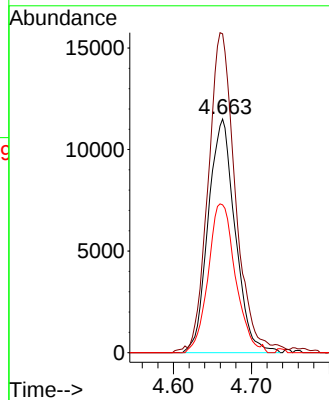
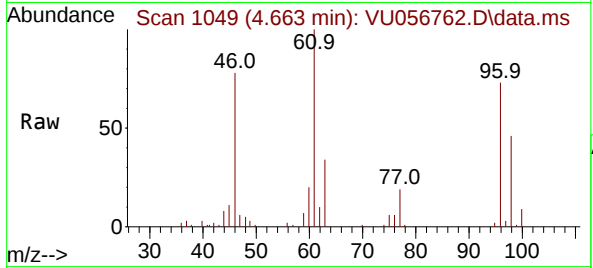




#22
 cis-1,2-Dichloroethene
 Concen: 1.053 ug/L
 RT: 4.663 min Scan# 1180
 Delta R.T. 0.003 min
 Lab File: VU056762.D
 Acq: 12 Dec 2023 03:47

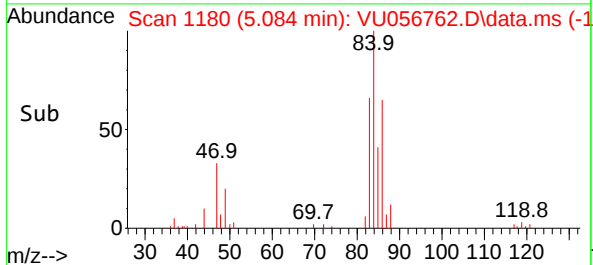
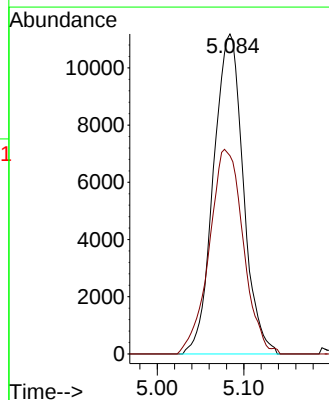
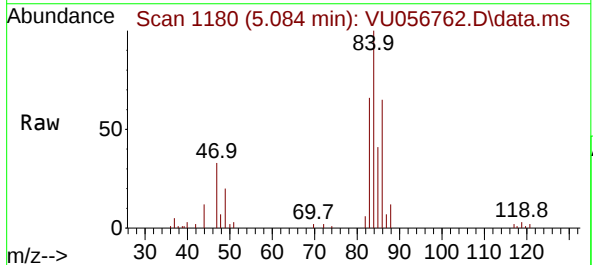
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 H0AB5

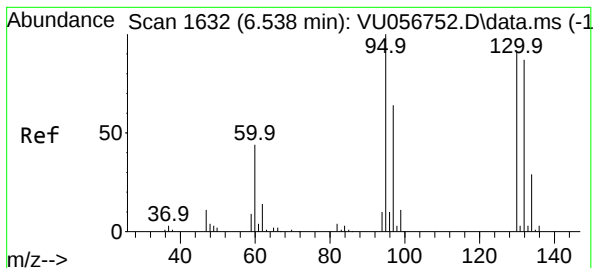
Tgt Ion: 96 Resp: 27581
 Ion Ratio Lower Upper
 96 100
 61 136.6 91.3 169.6
 98 63.3 44.2 82.0



#25
 Chloroform
 Concen: 0.551 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. 0.003 min
 Lab File: VU056762.D
 Acq: 12 Dec 2023 03:47

Tgt Ion: 83 Resp: 26721
 Ion Ratio Lower Upper
 83 100
 85 62.0 45.8 85.0





#34

Trichloroethene

Concen: 11.731 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

Instrument :

MSVOA_U

ClientSampleId :

H0AB5

Tgt Ion: 95 Resp: 341403

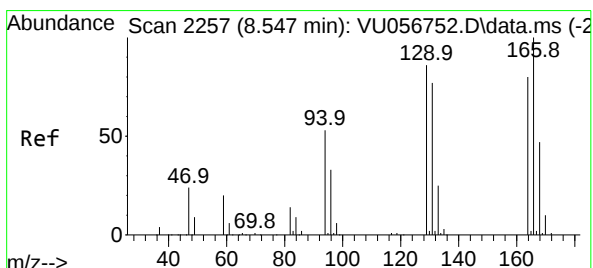
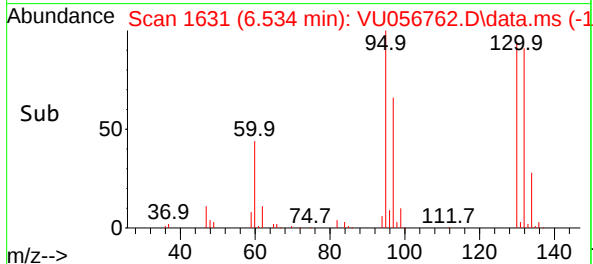
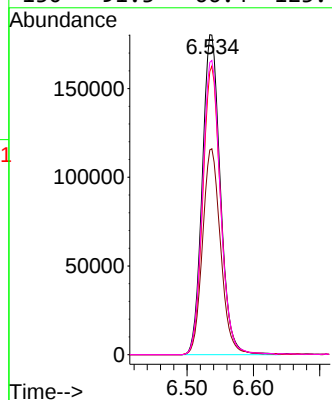
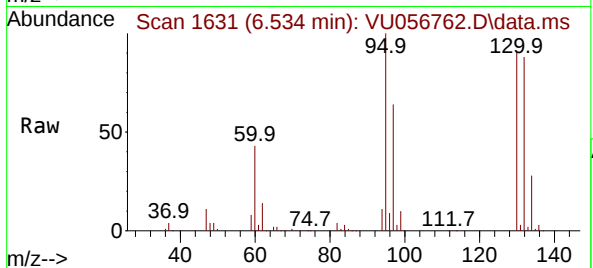
Ion Ratio Lower Upper

95 100

97 64.0 46.1 85.5

132 88.4 63.6 118.0

130 91.3 66.4 123.4



#47

Tetrachloroethene

Concen: 39.617 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

Tgt Ion:164 Resp: 806910

Ion Ratio Lower Upper

164 100

129 103.2 73.4 136.4

131 100.3 71.5 132.9

166 127.2 92.7 172.1

