

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051929.D
 Acq On : 19 Nov 2022 03:06
 Operator : JC/MD
 Sample : N5684-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J8

Quant Time: Nov 19 04:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

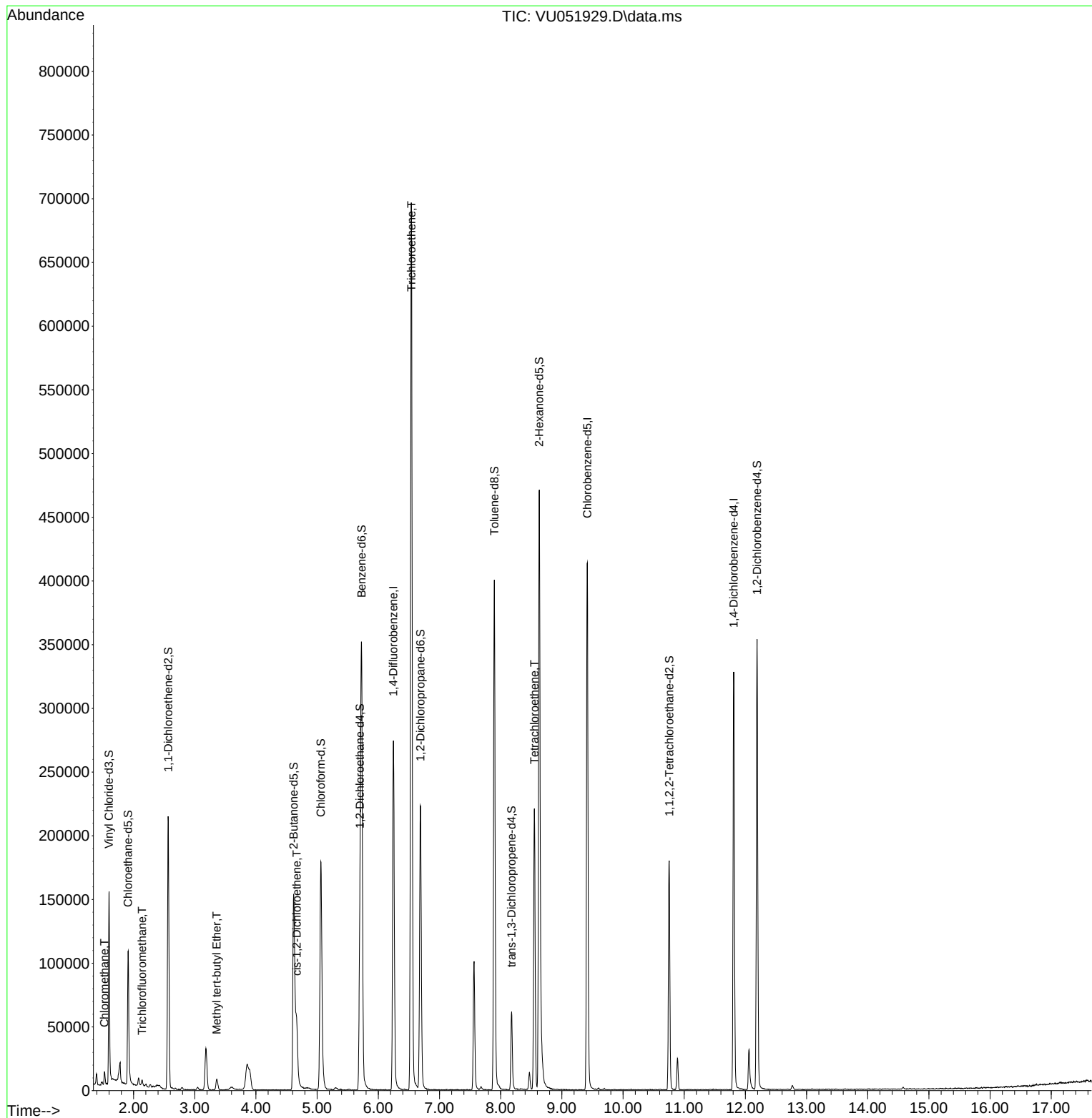
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	233278	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	241628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	91294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111648	4.920	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.909	69	91080	5.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.565	65	39628	4.872	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.400%	
20) 2-Butanone-d5	4.617	46	207214	50.380	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.760%	
24) Chloroform-d	5.060	84	165396	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.700	65	86734	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.726	84	351589	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.687	67	113516	5.113	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.896	98	281785	4.342	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.179	79	35537	4.393	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.629	63	158962	46.366	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.740%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94012	4.884	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	96743	5.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.600%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	7928	0.300	ug/L	94
9) Trichlorofluoromethane	2.138	101	3003	0.108	ug/L	92
17) Methyl tert-butyl Ether	3.359	73	7990	0.211	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	23208	1.219	ug/L	94
34) Trichloroethene	6.539	95	249799	12.736	ug/L	99
47) Tetrachloroethene	8.552	164	51472	3.424	ug/L	98

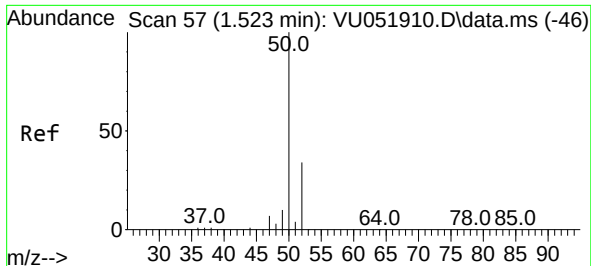
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 18 22:29:23 2022
Response via : Initial Calibration

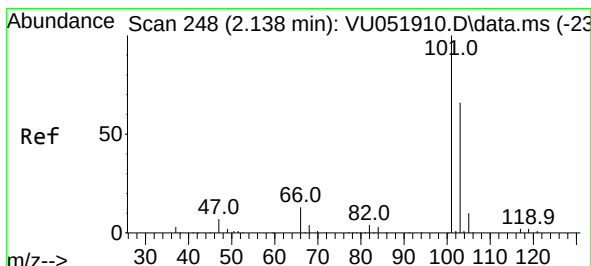
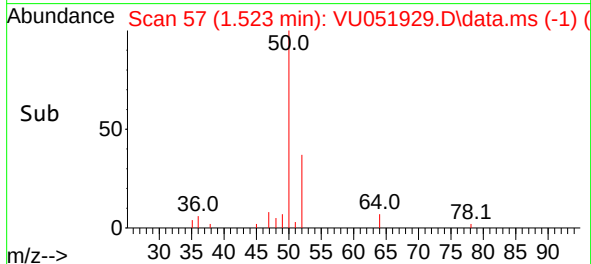
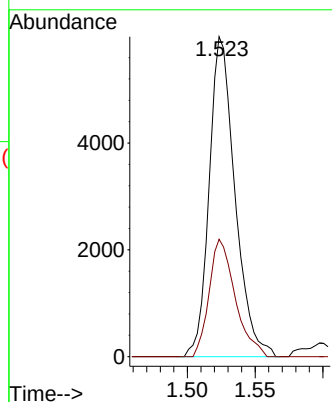
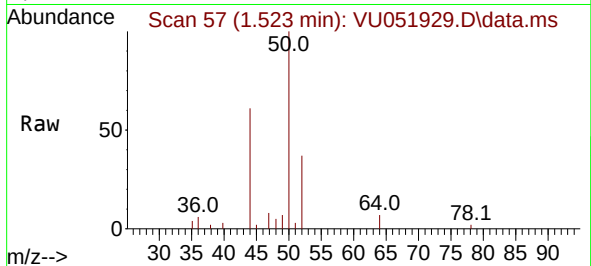




#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051929.D
Acq: 19 Nov 2022 03:06

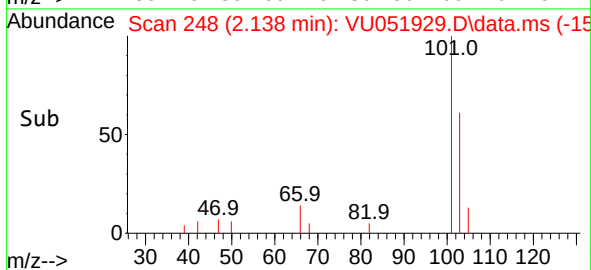
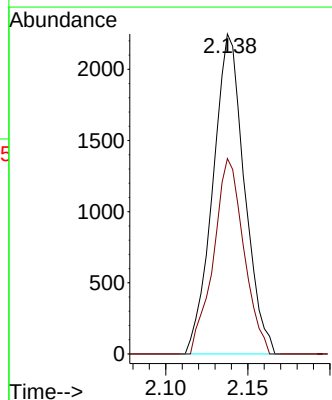
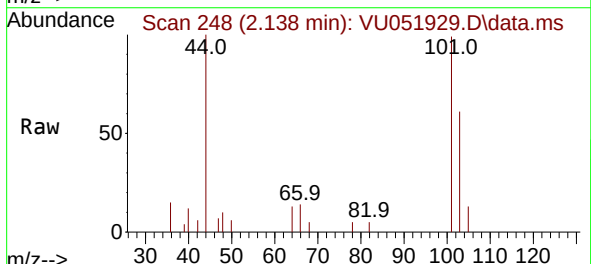
Instrument :
MSVOA_U
ClientSampleId :
BH1J8

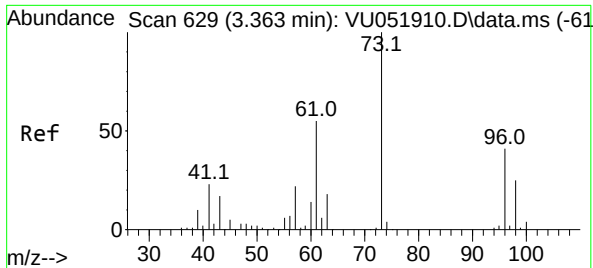
Tgt Ion: 50 Resp: 7928
Ion Ratio Lower Upper
50 100
52 36.7 23.4 43.4



#9
Trichlorofluoromethane
Concen: 0.108 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051929.D
Acq: 19 Nov 2022 03:06

Tgt Ion: 101 Resp: 3003
Ion Ratio Lower Upper
101 100
103 58.4 51.6 77.4





#17

Methyl tert-butyl Ether

Concen: 0.211 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051929.D

Acq: 19 Nov 2022 03:06

Instrument :

MSVOA_U

ClientSampleId :

BH1J8

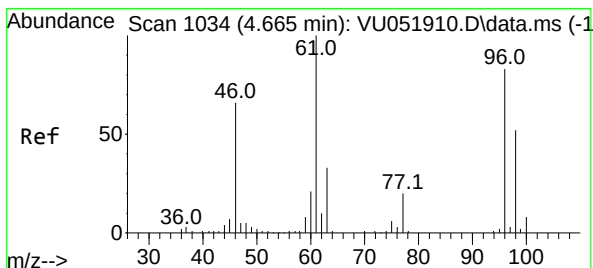
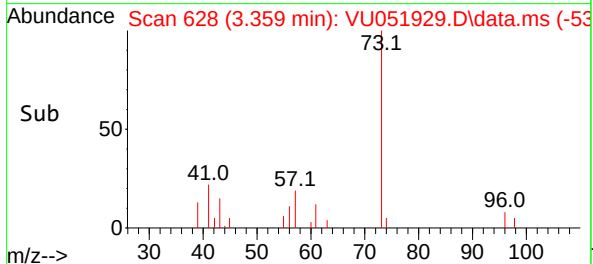
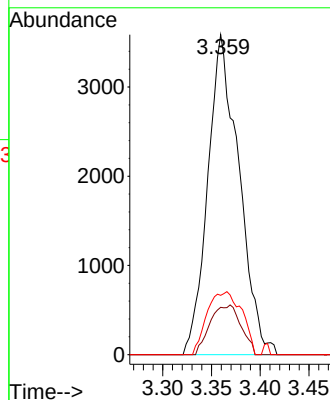
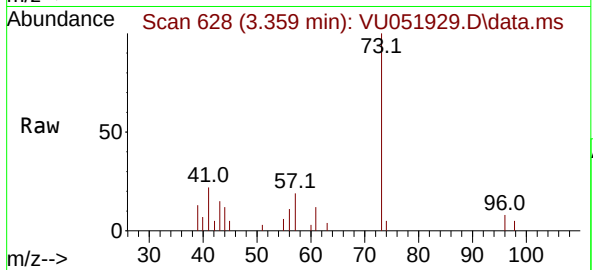
Tgt Ion: 73 Resp: 7990

Ion Ratio Lower Upper

73 100

43 15.4 13.2 19.8

57 21.9 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 1.219 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051929.D

Acq: 19 Nov 2022 03:06

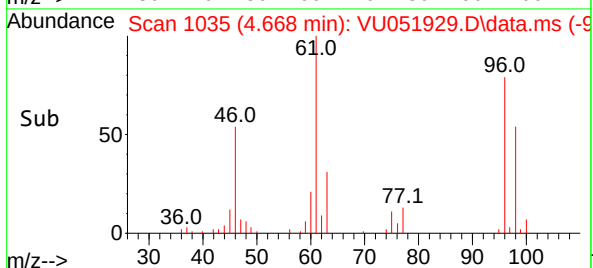
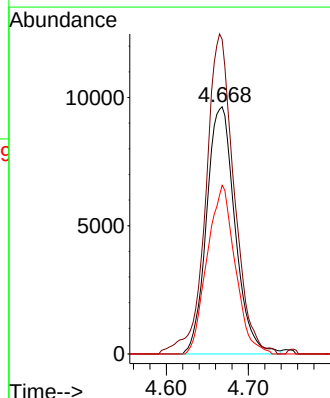
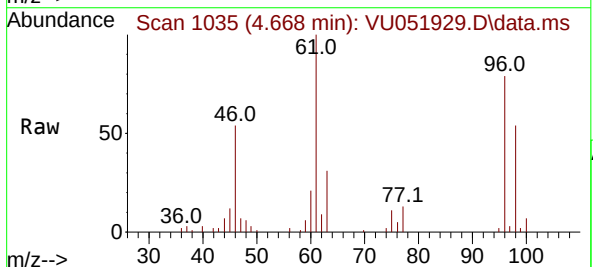
Tgt Ion: 96 Resp: 23208

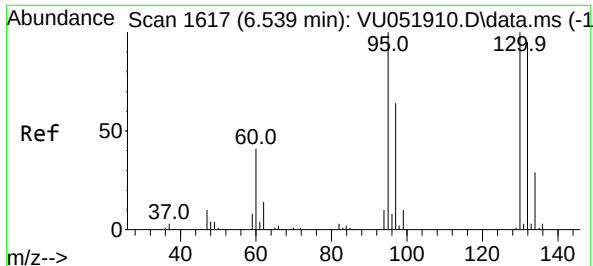
Ion Ratio Lower Upper

96 100

61 127.3 85.1 158.1

98 68.2 42.8 79.6

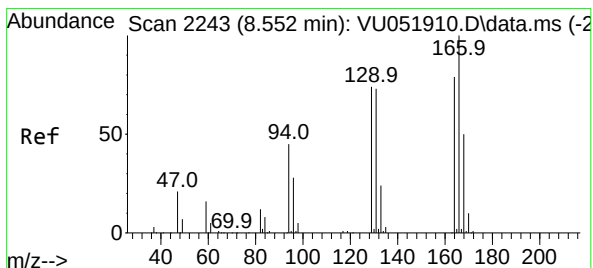
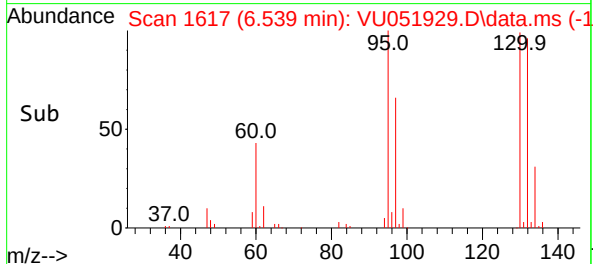
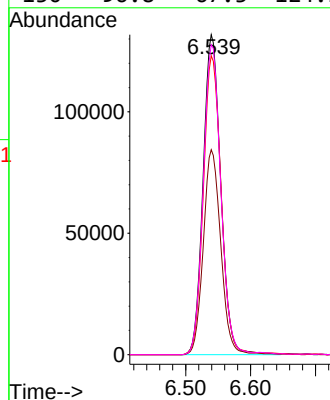
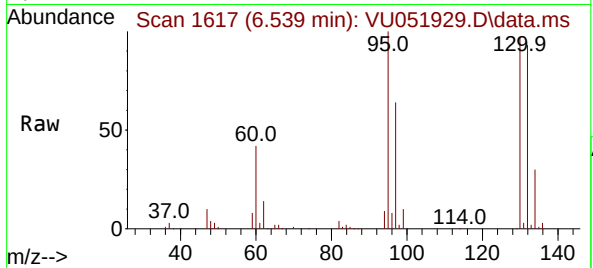




#34
Trichloroethene
Concen: 12.736 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051929.D
Acq: 19 Nov 2022 03:06

Instrument :
MSVOA_U
ClientSampleId :
BH1J8

Tgt Ion: 95 Resp: 249799
Ion Ratio Lower Upper
95 100
97 64.1 43.7 81.1
132 93.4 64.3 119.3
130 96.8 67.3 124.9



#47
Tetrachloroethene
Concen: 3.424 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051929.D
Acq: 19 Nov 2022 03:06

Tgt Ion: 164 Resp: 51472
Ion Ratio Lower Upper
164 100
129 94.9 67.4 125.2
131 93.6 67.1 124.7
166 124.9 89.7 166.5

