

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051923.D
 Acq On : 19 Nov 2022 00:23
 Operator : JC/MD
 Sample : N5684-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J2

Quant Time: Nov 19 00:52:54 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)

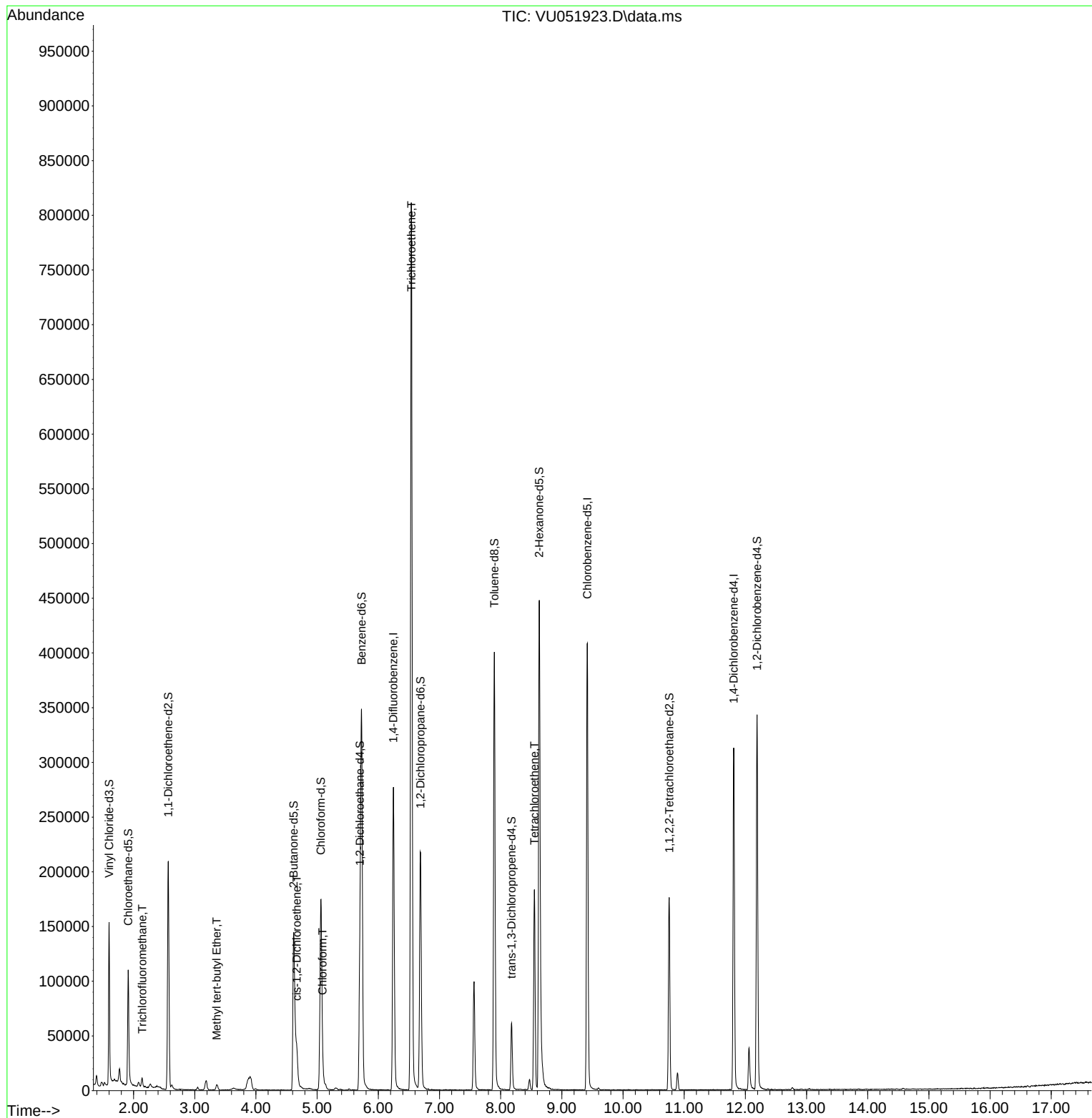
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229939	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	238085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112427	5.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.912	69	87695	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.565	65	39365	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.616	46	204540	50.452	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.900%
24) Chloroform-d	5.060	84	162701	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.700	65	85820	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.726	84	346880	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.690	67	113072	5.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	280755	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.179	79	35802	4.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.629	63	155737	46.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91636	4.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	96532	5.622	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						
9) Trichlorofluoromethane	2.141	101	4971	0.181	ug/L	92
17) Methyl tert-butyl Ether	3.359	73	4417	0.118	ug/L #	91
22) cis-1,2-Dichloroethene	4.668	96	15532	0.828	ug/L	94
25) Chloroform	5.089	83	13528	0.414	ug/L	89
34) Trichloroethene	6.539	95	285022	14.748	ug/L	98
47) Tetrachloroethene	8.552	164	41210	2.782	ug/L	97

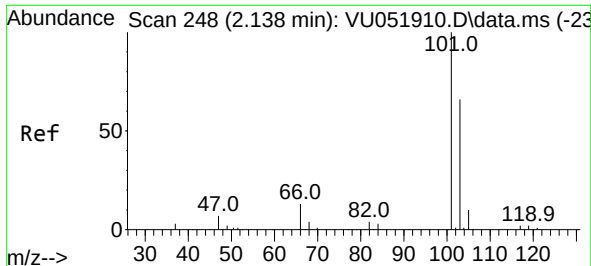
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

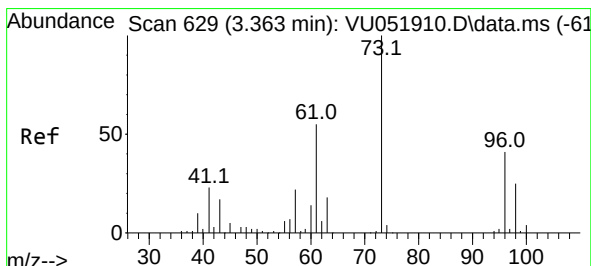
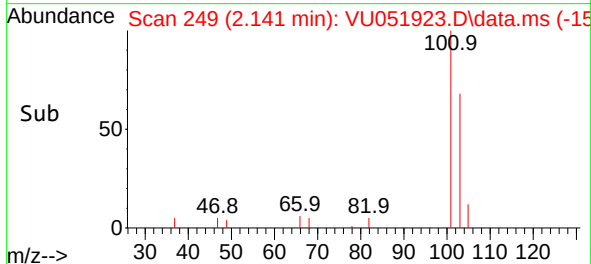
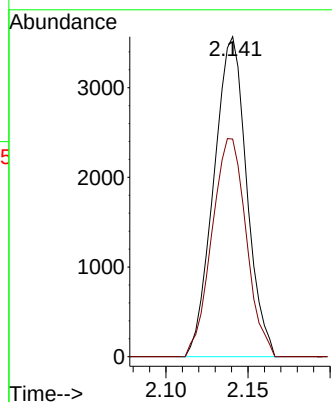
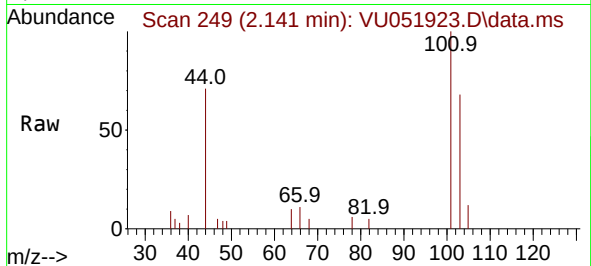




#9
Trichlorofluoromethane
Concen: 0.181 ug/L
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051923.D
Acq: 19 Nov 2022 00:23

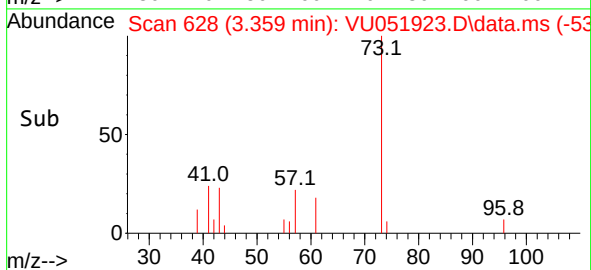
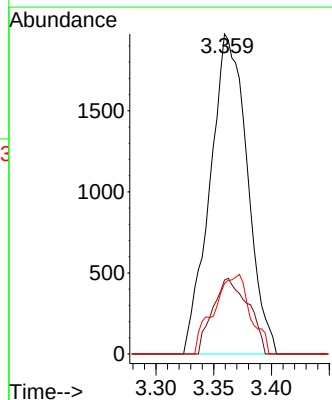
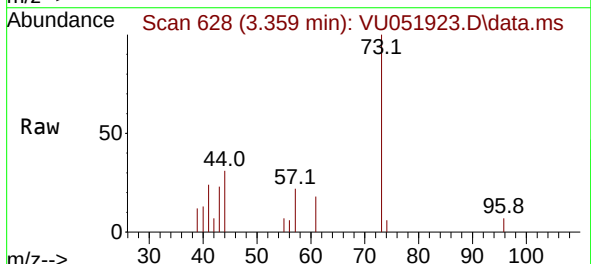
Instrument :
MSVOA_U
ClientSampleId :
BH1J2

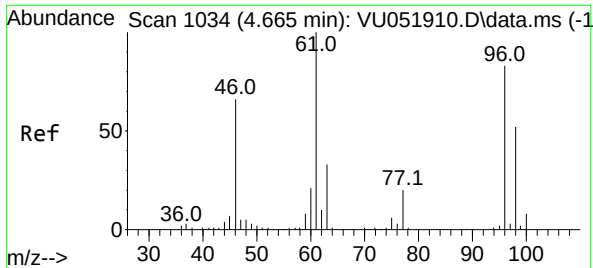
Tgt Ion:101 Resp: 4971
Ion Ratio Lower Upper
101 100
103 71.2 51.6 77.4



#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU051923.D
Acq: 19 Nov 2022 00:23

Tgt Ion: 73 Resp: 4417
Ion Ratio Lower Upper
73 100
43 22.5 13.2 19.8#
57 24.4 17.8 26.8





#22

cis-1,2-Dichloroethene

Concen: 0.828 ug/L

RT: 4.668 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU051923.D

Acq: 19 Nov 2022 00:23

Instrument :

MSVOA_U

ClientSampleId :

BH1J2

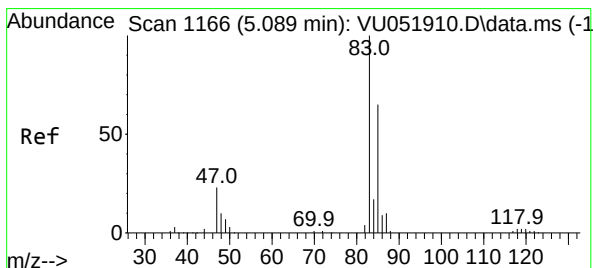
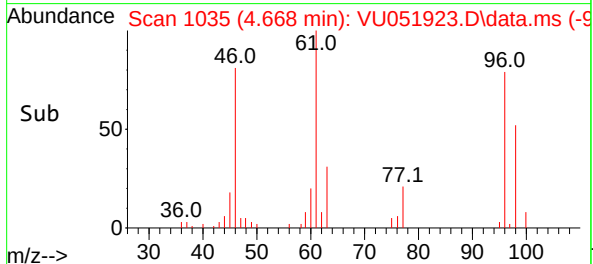
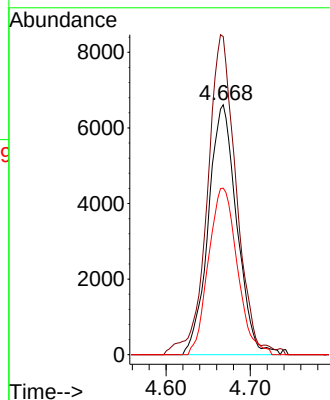
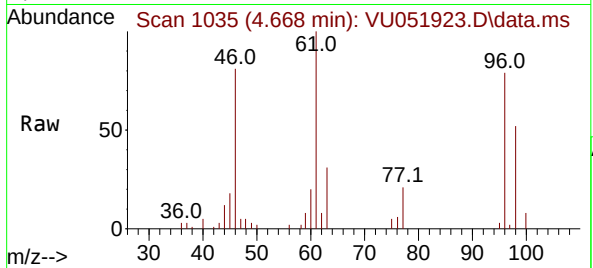
Tgt Ion: 96 Resp: 15532

Ion Ratio Lower Upper

96 100

61 127.2 85.1 158.1

98 66.6 42.8 79.6



#25

Chloroform

Concen: 0.414 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051923.D

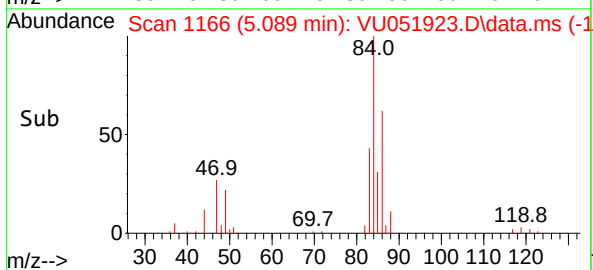
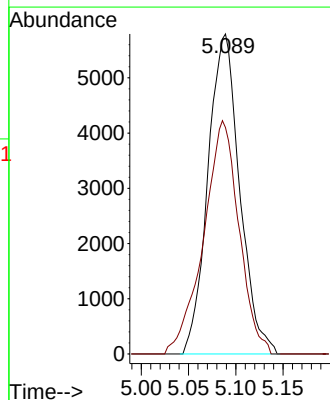
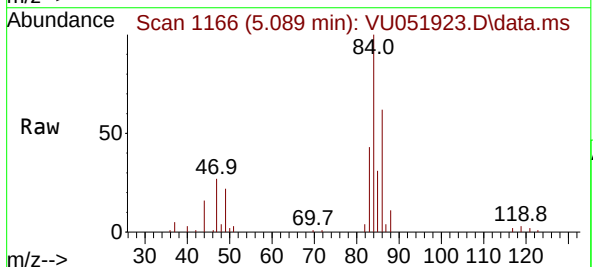
Acq: 19 Nov 2022 00:23

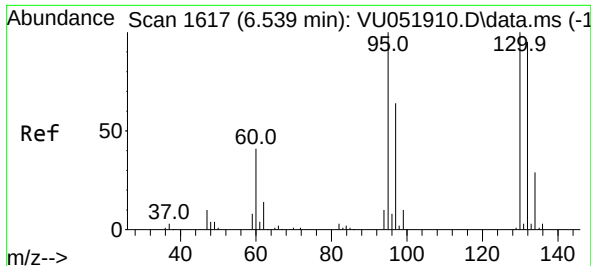
Tgt Ion: 83 Resp: 13528

Ion Ratio Lower Upper

83 100

85 70.8 43.8 81.4

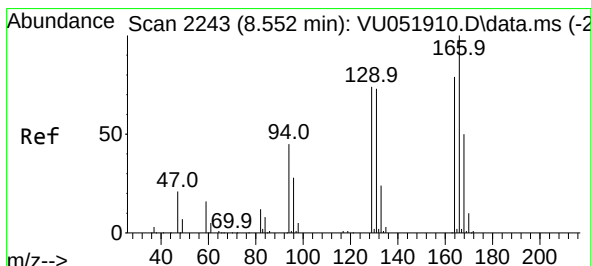
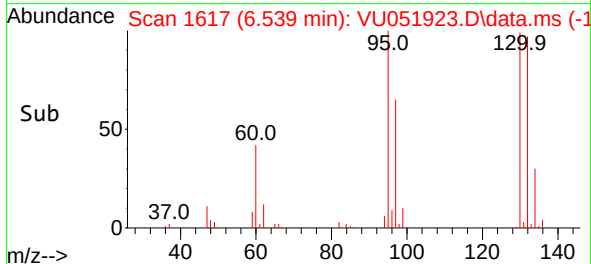
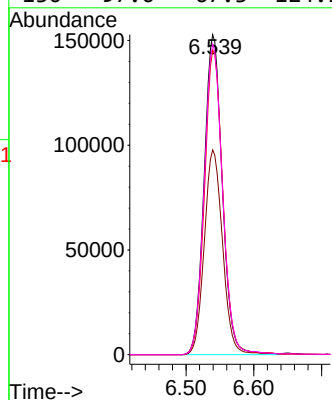
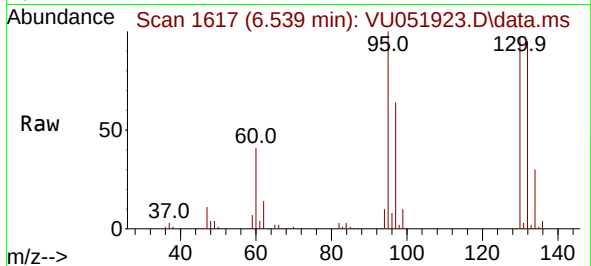




#34
Trichloroethene
Concen: 14.748 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051923.D
Acq: 19 Nov 2022 00:23

Instrument :
MSVOA_U
ClientSampleId :
BH1J2

Tgt Ion: 95 Resp: 285022
Ion Ratio Lower Upper
95 100
97 64.0 43.7 81.1
132 95.2 64.3 119.3
130 97.0 67.3 124.9



#47
Tetrachloroethene
Concen: 2.782 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051923.D
Acq: 19 Nov 2022 00:23

Tgt Ion: 164 Resp: 41210
Ion Ratio Lower Upper
164 100
129 98.5 67.4 125.2
131 96.8 67.1 124.7
166 133.7 89.7 166.5

