

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055416.D
 Acq On : 20 Sep 2023 11:30
 Operator : MD/SY
 Sample : 04380-18DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9DL

Quant Time: Sep 21 00:27:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

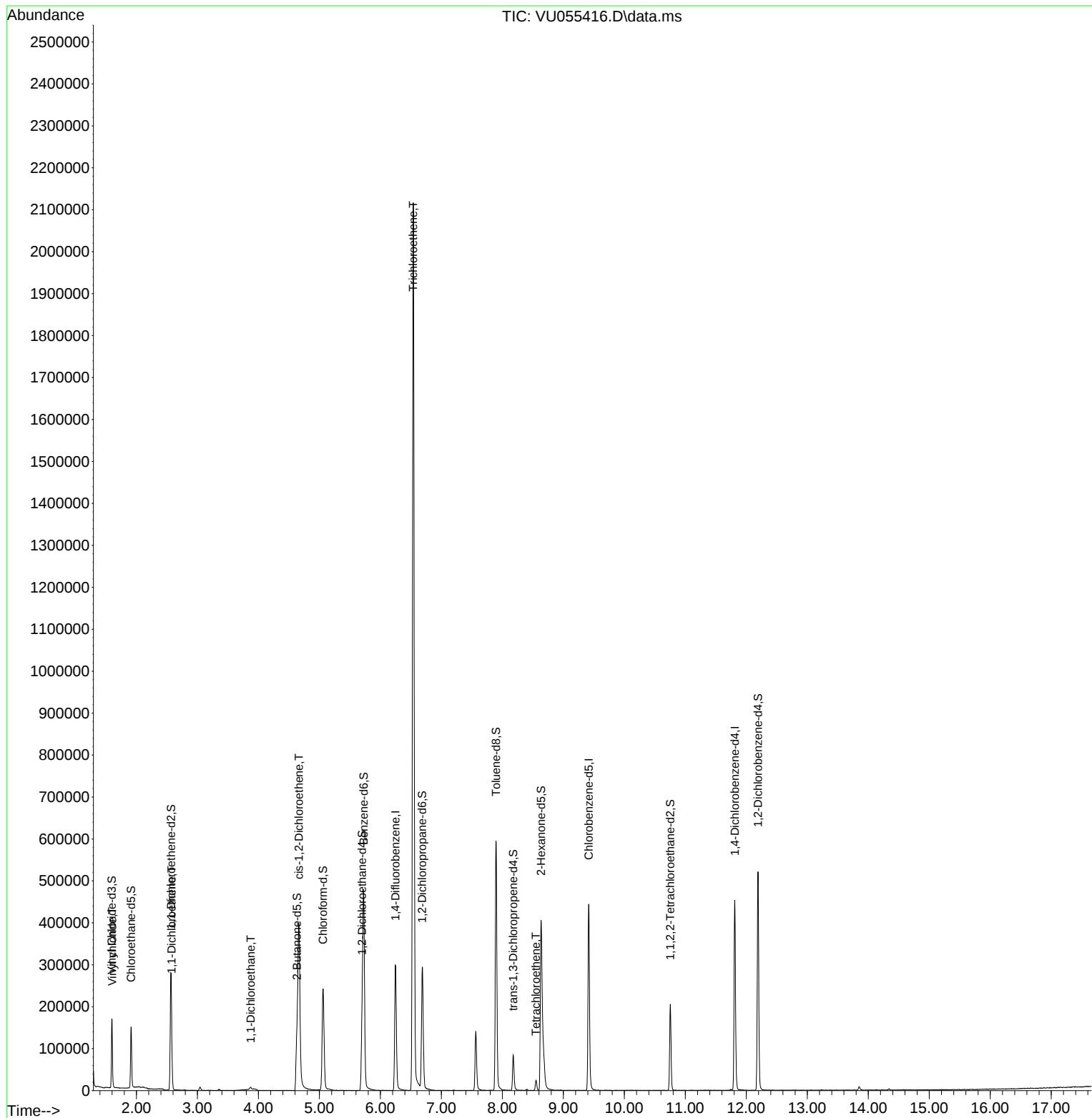
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246918	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	121104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	116078	4.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.911	69	103321	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.567	65	50620	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.631	46	244094	54.152	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	5.058	84	225939	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.698	65	117025	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.724	84	465929	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.685	67	139813	5.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.894	98	409807	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.177	79	48931	5.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.634	63	130963	46.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99112	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	137706	5.634	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
5) Vinyl chloride	1.602	62	5574	0.244	ug/L #	69
12) 1,1-Dichloroethene	2.576	96	11011	0.638	ug/L #	1
19) 1,1-Dichloroethane	3.872	63	5532	0.172	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	185128	9.177	ug/L	98
34) Trichloroethene	6.538	95	743449	36.174	ug/L	98
47) Tetrachloroethene	8.550	164	5326	0.361	ug/L	95

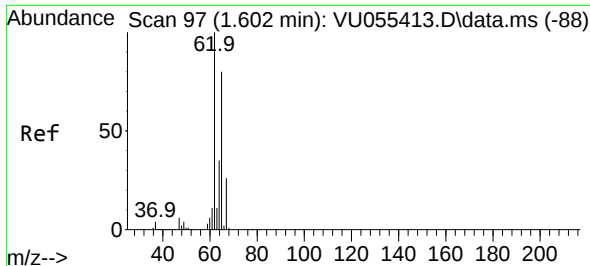
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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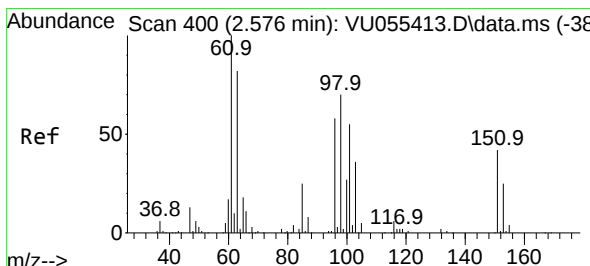
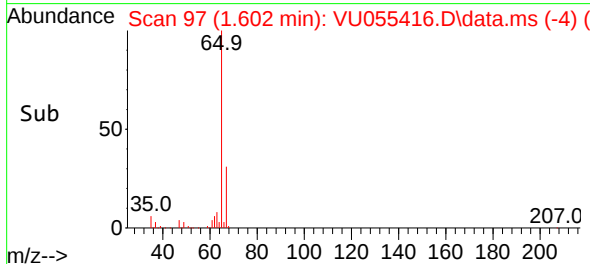
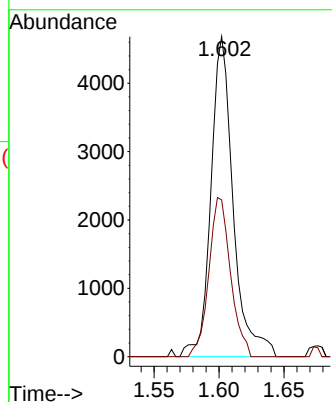
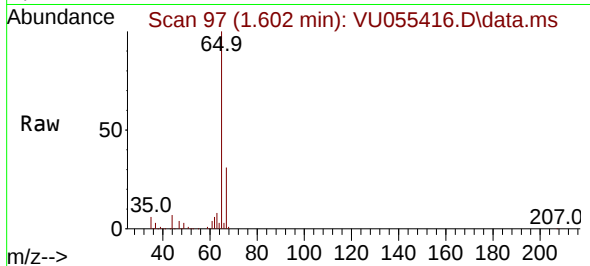




#5
 Vinyl chloride
 Concen: 0.244 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055416.D
 Acq: 20 Sep 2023 11:30

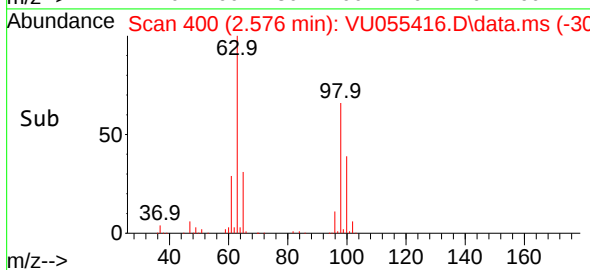
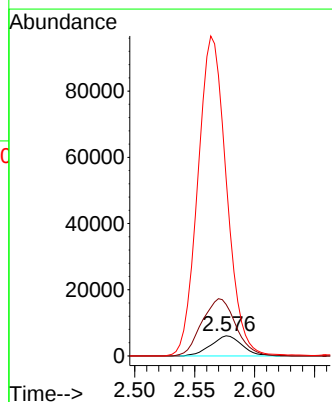
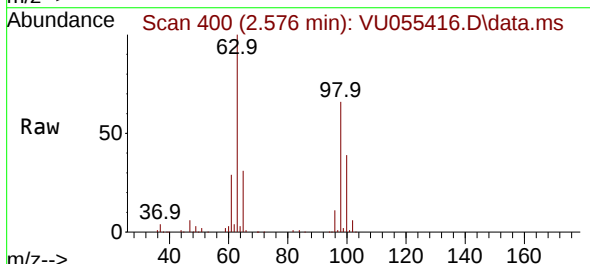
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9DL

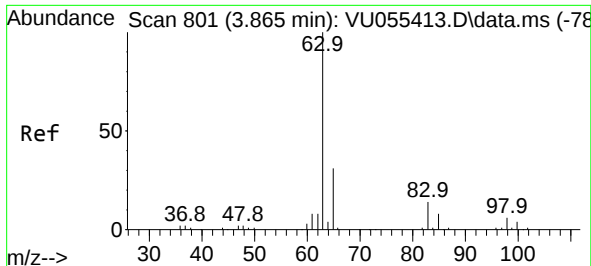
Tgt Ion: 62 Resp: 5574
 Ion Ratio Lower Upper
 62 100
 64 49.0 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.638 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055416.D
 Acq: 20 Sep 2023 11:30

Tgt Ion: 96 Resp: 11011
 Ion Ratio Lower Upper
 96 100
 61 255.0 114.5 212.7#
 63 877.3 98.3 182.5#





#19

1,1-Dichloroethane

Concen: 0.172 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

BH4N9DL

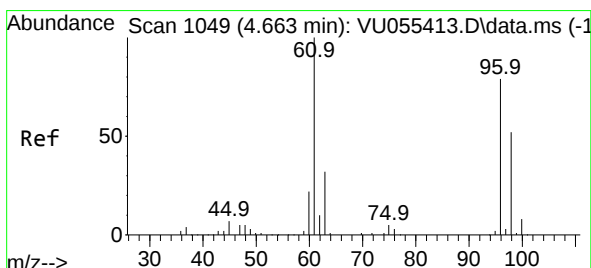
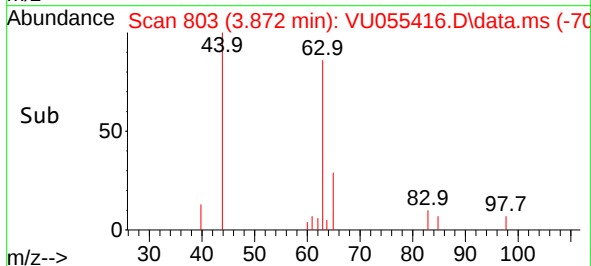
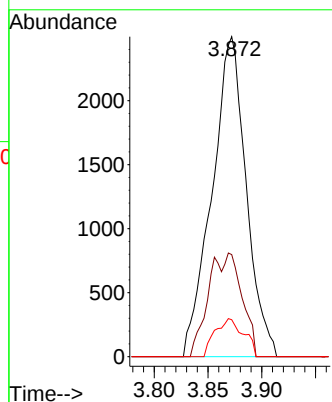
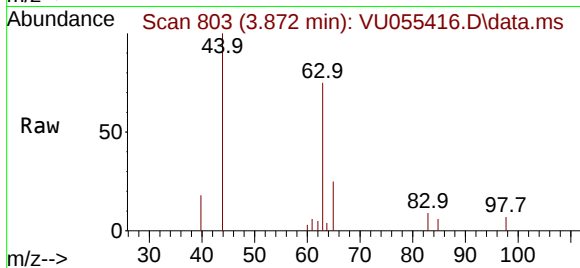
Tgt Ion: 63 Resp: 5532

Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 11.6 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 9.177 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

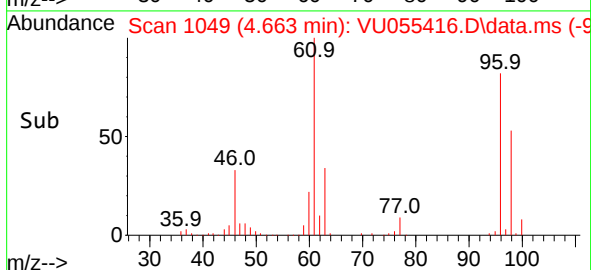
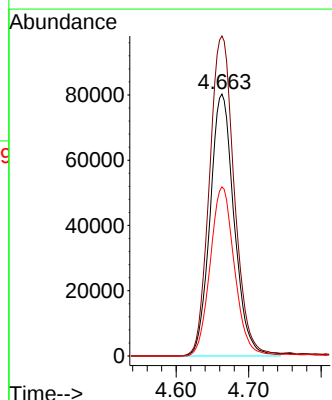
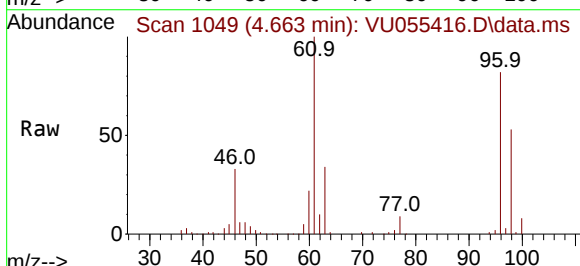
Tgt Ion: 96 Resp: 185128

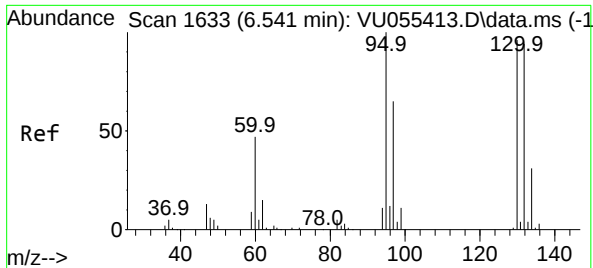
Ion Ratio Lower Upper

96 100

61 122.2 87.8 163.2

98 64.6 44.4 82.4

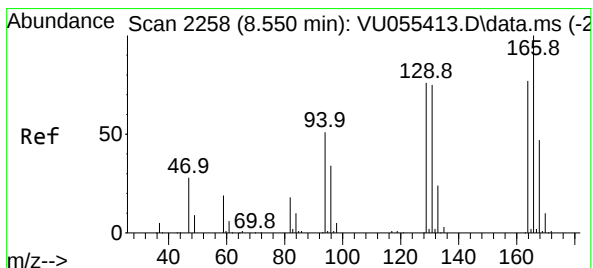
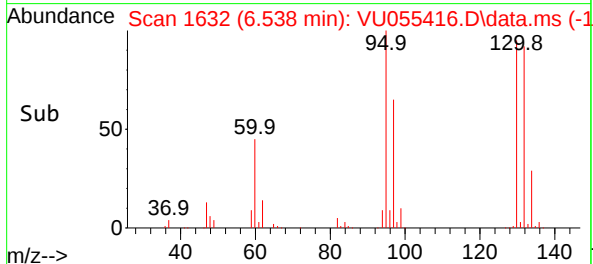
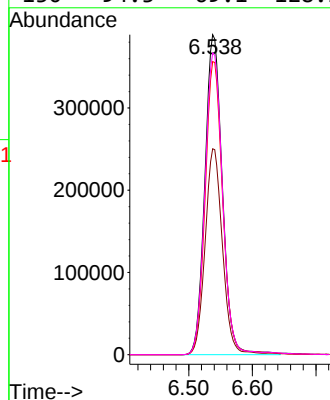
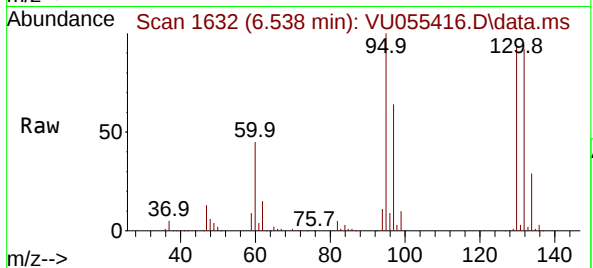




#34
Trichloroethene
Concen: 36.174 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055416.D
Acq: 20 Sep 2023 11:30

Instrument :
MSVOA_U
ClientSampleId :
BH4N9DL

Tgt Ion: 95 Resp: 743449
Ion Ratio Lower Upper
95 100
97 64.4 45.4 84.2
132 91.6 65.2 121.2
130 94.3 69.1 128.3



#47
Tetrachloroethene
Concen: 0.361 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055416.D
Acq: 20 Sep 2023 11:30

Tgt Ion:164 Resp: 5326
Ion Ratio Lower Upper
164 100
129 87.3 67.4 125.2
131 98.1 66.4 123.2
166 129.9 88.8 165.0

