

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055897.D
 Acq On : 26 Oct 2023 11:30
 Operator : MD/SY
 Sample : 04946-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 02:50:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

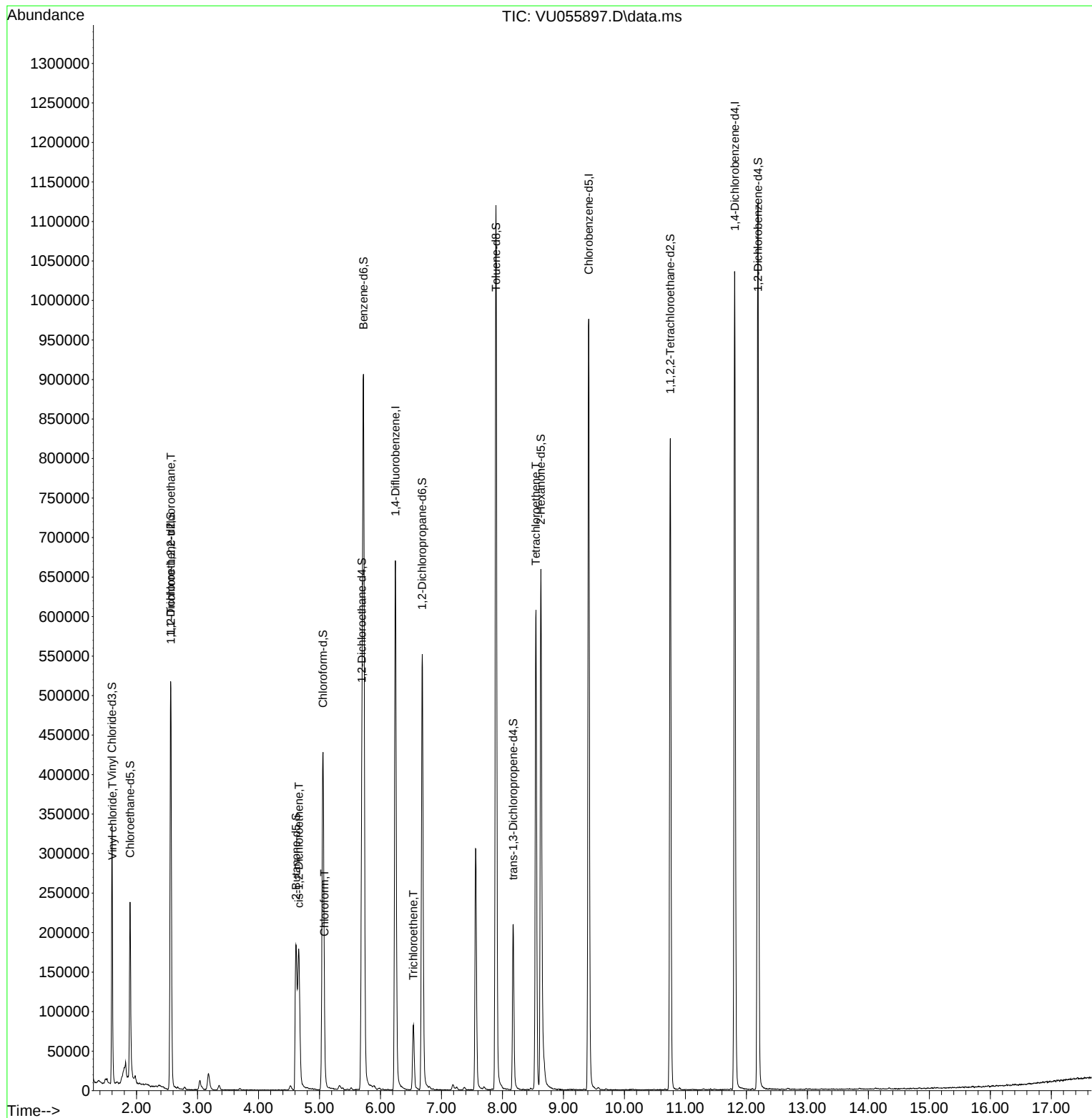
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	560311	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	557522	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	283830	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	227423	45.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.500%		
7) Chloroethane-d5	1.895	69	192569	46.875	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.740%		
11) 1,1-Dichloroethene-d2	2.560	63	310759	34.678	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.360%		
21) 2-Butanone-d5	4.615	46	279123	74.952	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.950%		
24) Chloroform-d	5.058	84	415225	43.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.200%		
26) 1,2-Dichloroethane-d4	5.695	65	269192	45.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.780%		
32) Benzene-d6	5.721	84	879991	49.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.660%		
36) 1,2-Dichloropropane-d6	6.685	67	276041	48.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.760%		
41) Toluene-d8	7.894	98	774089	48.058	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.120%		
43) trans-1,3-Dichloroprop...	8.177	79	125149	46.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.260%		
47) 2-Hexanone-d5	8.631	63	244940	110.330	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.330%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	421160	48.451	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.900%		
66) 1,2-Dichlorobenzene-d4	12.190	152	306968	54.500	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	7931	1.633	ug/L #	38
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	2908	0.651	ug/L #	23
20) cis-1,2-Dichloroethene	4.663	96	85477	18.438	ug/L	94
25) Chloroform	5.081	83	12571	1.445	ug/L	95
34) Trichloroethene	6.541	95	29599	6.138	ug/L	96
46) Tetrachloroethene	8.550	164	134565	38.976	ug/L	99

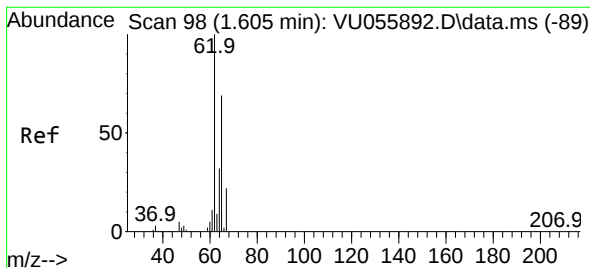
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 27 02:48:43 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.633 ug/L

RT: 1.605 min Scan# 91

Delta R.T. -0.000 min

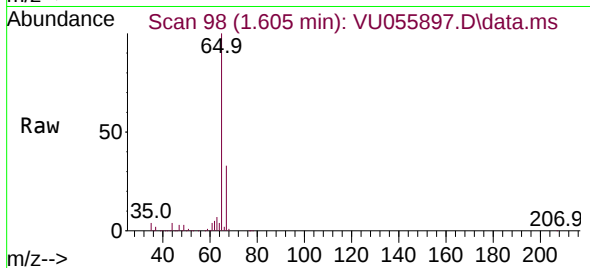
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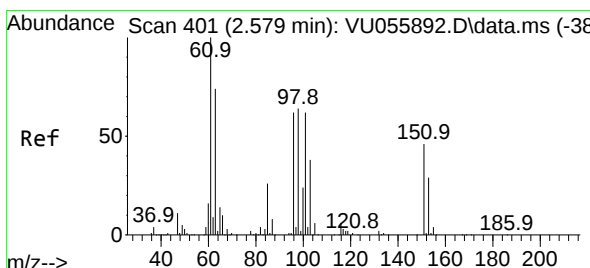
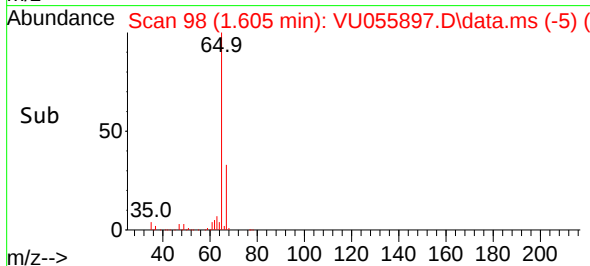
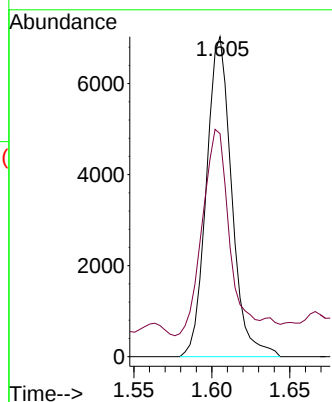


Tgt Ion: 62 Resp: 7931

Ion Ratio Lower Upper

62 100

64 69.7 23.9 44.5#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.651 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.016 min

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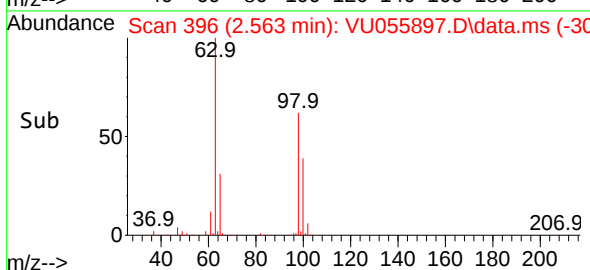
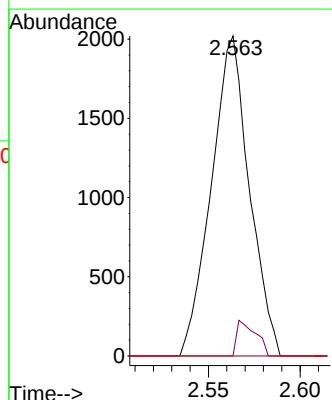
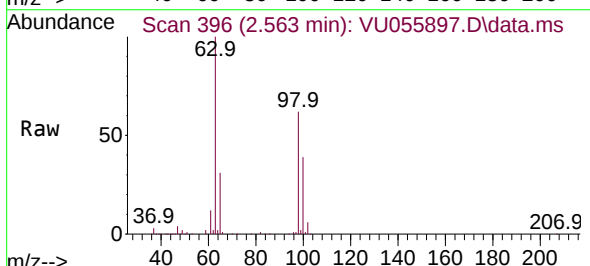
Tgt Ion: 101 Resp: 2908

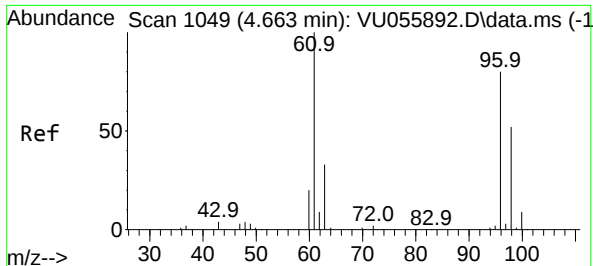
Ion Ratio Lower Upper

101 100

85 5.5 37.1 55.7#

151 0.0 58.2 87.4#

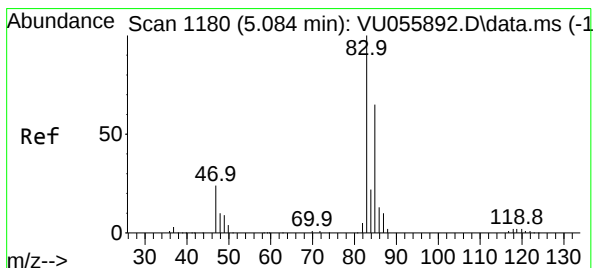
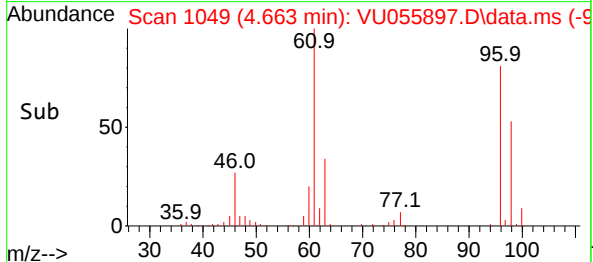
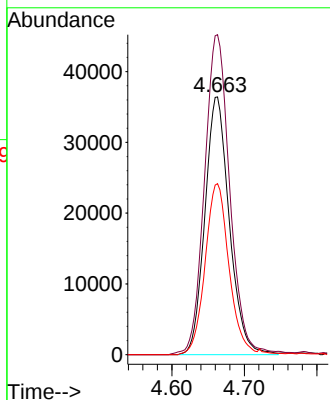
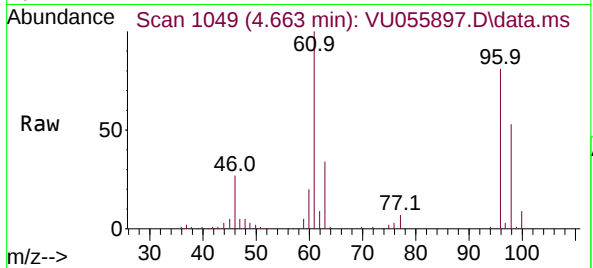




#20
 cis-1,2-Dichloroethene
 Concen: 18.438 ug/L
 RT: 4.663 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VU055897.D
 Acq: 26 Oct 2023 11:30

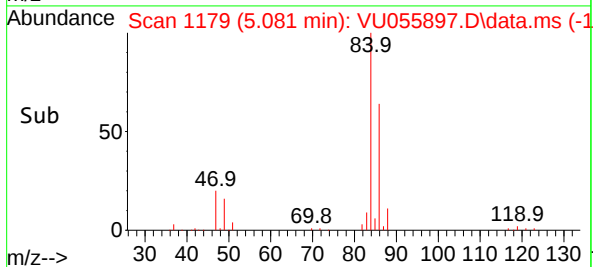
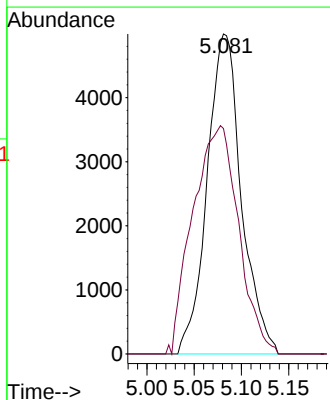
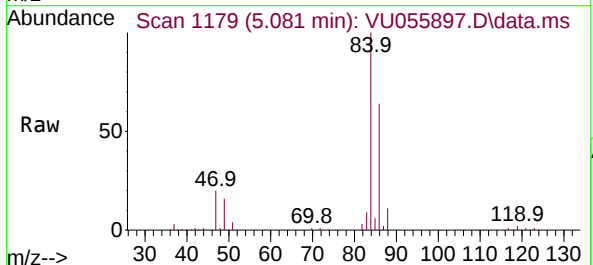
Instrument :
 MSVOA_U
 ClientSampleId :

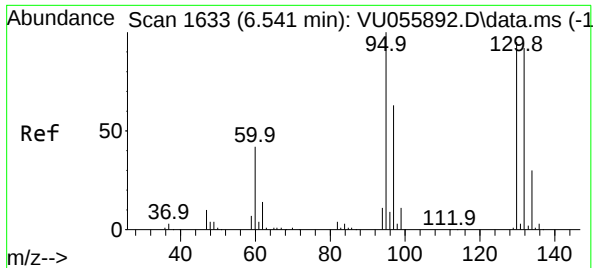
Tgt Ion: 96 Resp: 85477
 Ion Ratio Lower Upper
 96 100
 61 124.2 92.3 171.5
 98 66.4 43.9 81.5



#25
 Chloroform
 Concen: 1.445 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. -0.003 min
 Lab File: VU055897.D
 Acq: 26 Oct 2023 11:30

Tgt Ion: 83 Resp: 12571
 Ion Ratio Lower Upper
 83 100
 85 70.4 46.3 86.1



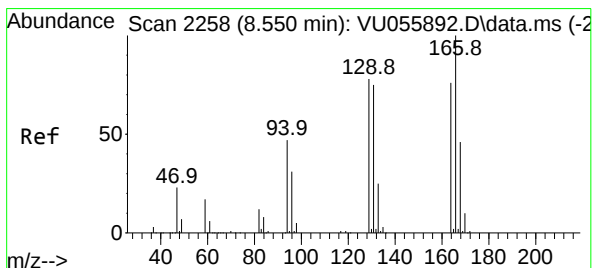
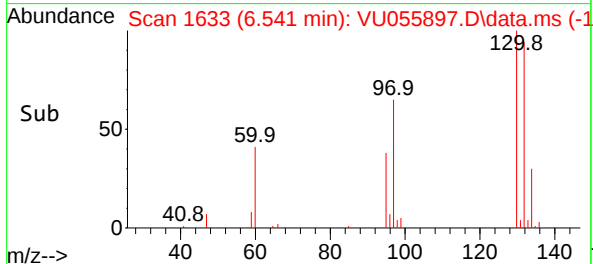
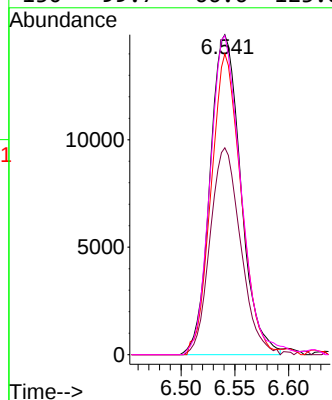
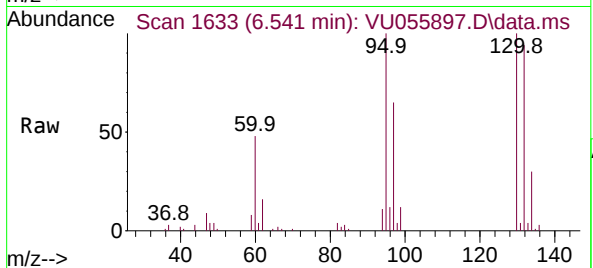


#34
Trichloroethene
Concen: 6.138 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055897.D
Acq: 26 Oct 2023 11:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 29599

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.4	82.5
132	94.0	61.8	114.8
130	99.7	66.6	123.8



#46
Tetrachloroethene
Concen: 38.976 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055897.D
Acq: 26 Oct 2023 11:30

Tgt Ion: 164 Resp: 134565

Ion	Ratio	Lower	Upper
164	100		
129	101.0	70.7	131.3
131	97.6	65.9	122.5
166	126.0	87.8	163.0

