

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023899.D
 Acq On : 19 Jul 2022 22:06
 Operator : SY/VA
 Sample : N3743-03
 Misc : 5.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C89

Quant Time: Jul 20 03:00:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 02:42:08 2022
 Response via : Initial Calibration

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

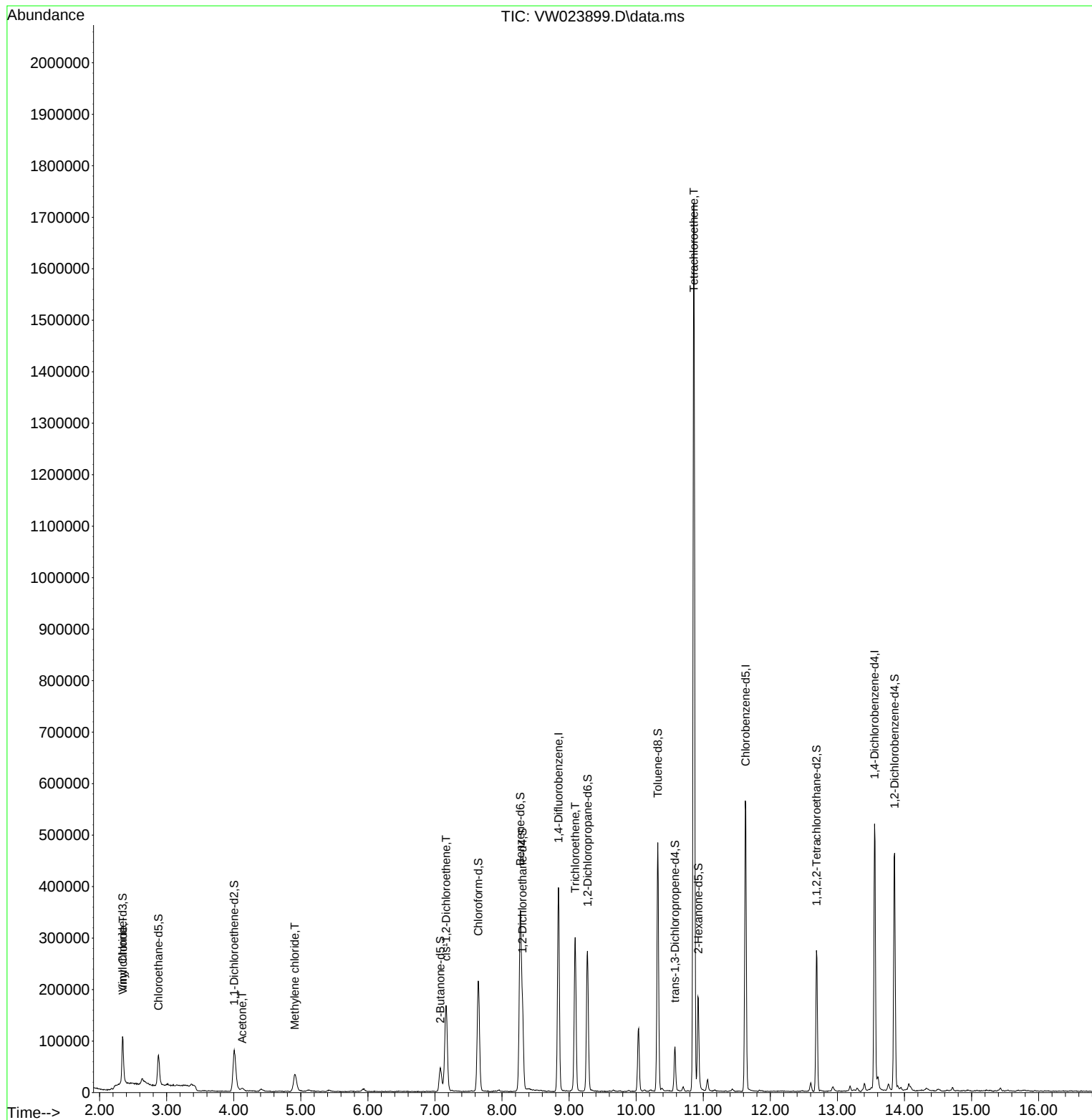
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	315372	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	310118	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	125013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	92631	11.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.000%
7) Chloroethane-d5	2.879	69	70563	13.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.520%
11) 1,1-Dichloroethene-d2	4.007	63	82913	12.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.560%
21) 2-Butanone-d5	7.080	46	72206	57.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.580%
24) Chloroform-d	7.647	84	213664	23.270	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.305	65	118285	21.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.240%
32) Benzene-d6	8.275	84	353899	21.953	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	9.274	67	119352	24.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	10.323	98	311722	19.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.240%
43) trans-1,3-Dichloroprop...	10.579	79	43733	19.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.840%
47) 2-Hexanone-d5	10.927	63	59137	57.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	129526	24.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	114194	25.589	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.360%
Target Compounds						
5) Vinyl chloride	2.349	62	11490	1.275	ug/L #	66
13) Acetone	4.129	43	7462	8.448	ug/L	77
16) Methylene chloride	4.909	84	27768	5.631	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	90635	20.170	ug/L #	96
34) Trichloroethene	9.091	95	98239	21.110	ug/L	97
46) Tetrachloroethene	10.859	164	342377	95.147	ug/L	96

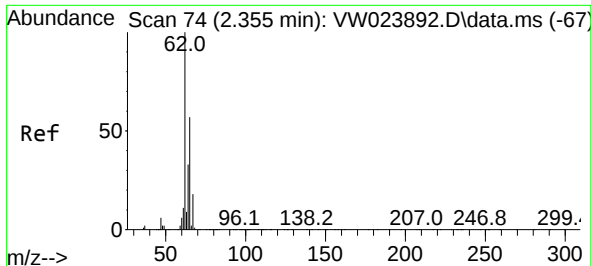
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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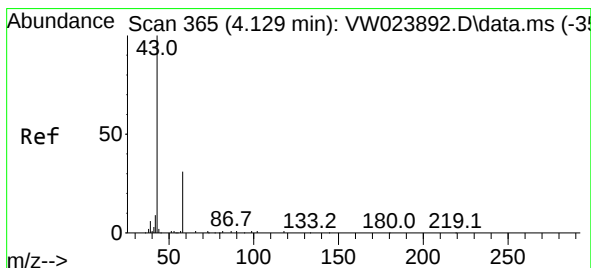
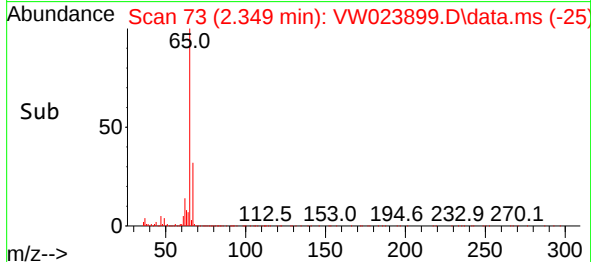
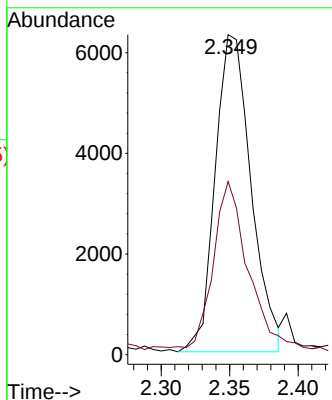
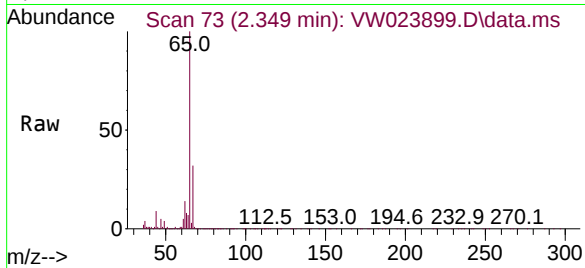




#5
 Vinyl chloride
 Concen: 1.275 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023899.D
 Acq: 19 Jul 2022 22:06

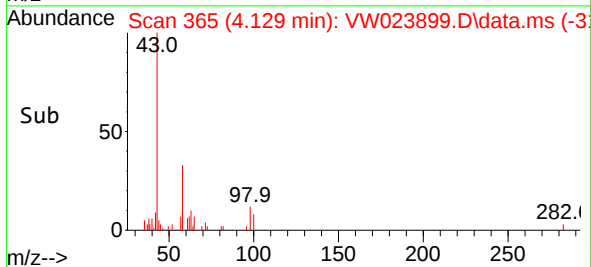
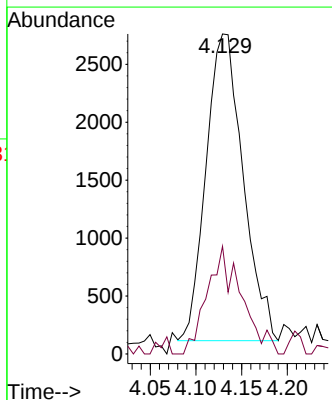
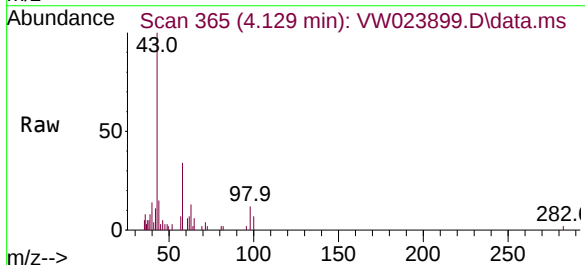
Instrument :
 MSVOA_W
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 F5C89

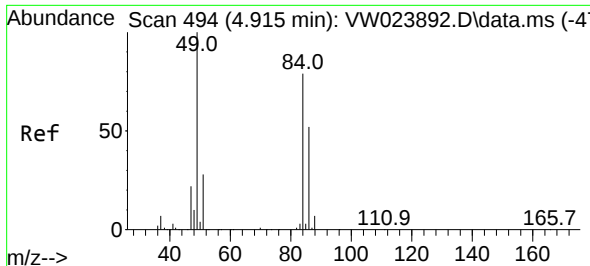
Tgt Ion: 62 Resp: 11490
 Ion Ratio Lower Upper
 62 100
 64 54.1 24.0 44.6#



#13
 Acetone
 Concen: 8.448 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VW023899.D
 Acq: 19 Jul 2022 22:06

Tgt Ion: 43 Resp: 7462
 Ion Ratio Lower Upper
 43 100
 58 19.3 0.0 64.2

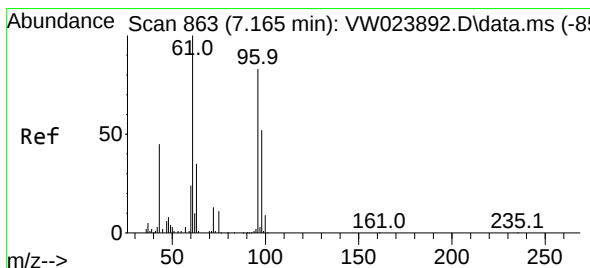
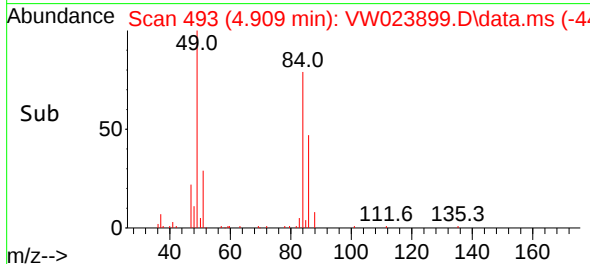
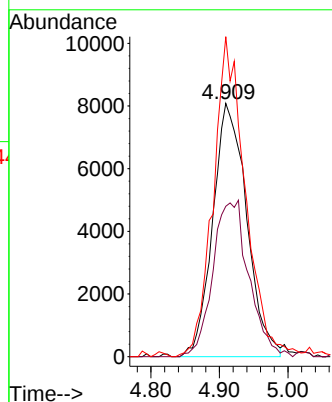
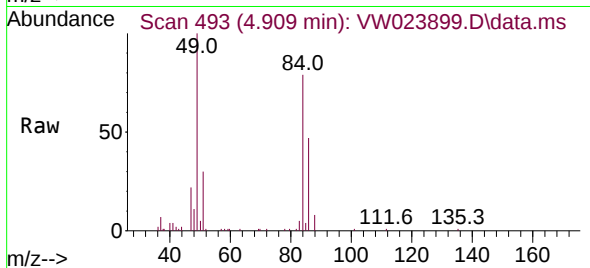




#16
Methylene chloride
Concen: 5.631 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023899.D
Acq: 19 Jul 2022 22:06

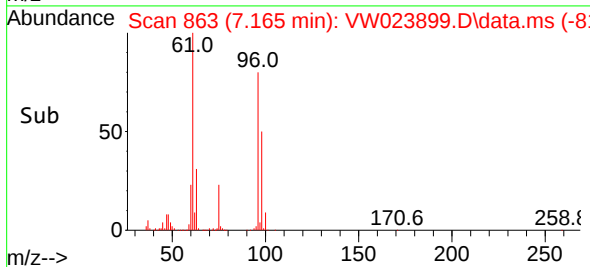
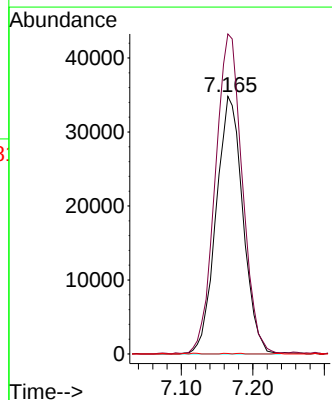
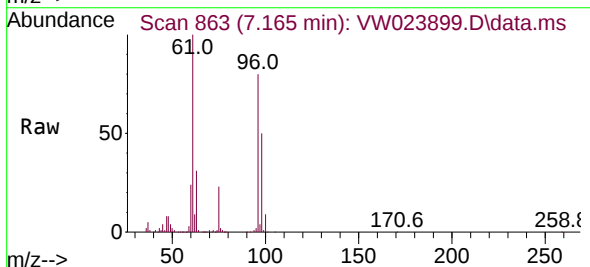
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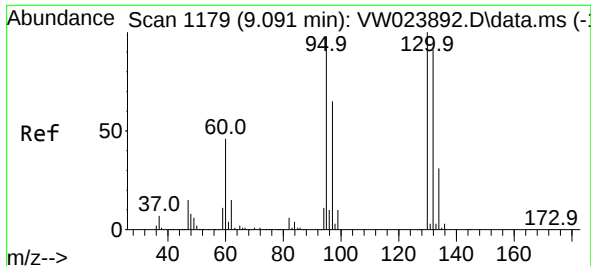
Tgt Ion: 84 Resp: 27768
Ion Ratio Lower Upper
84 100
86 59.4 42.8 79.6
49 126.4 85.4 158.6



#20
cis-1,2-Dichloroethene
Concen: 20.170 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023899.D
Acq: 19 Jul 2022 22:06

Tgt Ion: 96 Resp: 90635
Ion Ratio Lower Upper
96 100
61 124.2 90.6 168.2
68 0.2 0.2 0.4



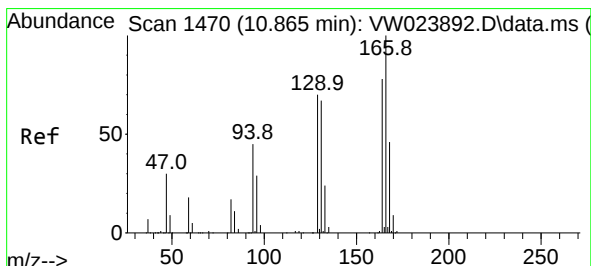
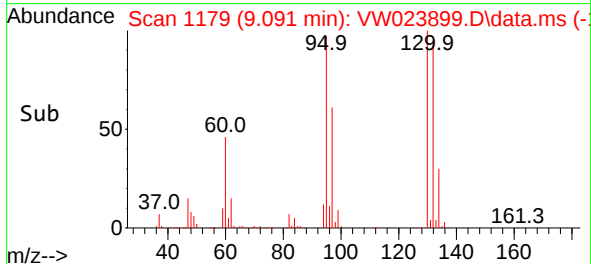
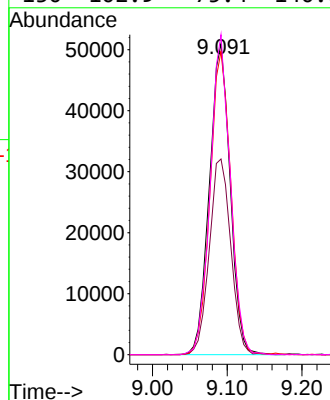
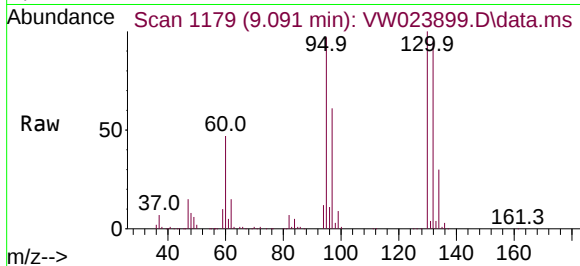


#34
 Trichloroethene
 Concen: 21.110 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW023899.D
 Acq: 19 Jul 2022 22:06

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Tgt Ion: 95 Resp: 98239

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.6	84.8
132	97.5	69.9	129.7
130	102.9	75.4	140.0



#46
 Tetrachloroethene
 Concen: 95.147 ug/L
 RT: 10.859 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: VW023899.D
 Acq: 19 Jul 2022 22:06

Tgt Ion: 164 Resp: 342377

Ion	Ratio	Lower	Upper
164	100		
129	106.1	72.4	134.5
131	101.9	67.8	125.8
166	132.4	88.9	165.1

