

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052621\
 Data File : VV021422.D
 Acq On : 26 May 2021 13:50
 Operator : SY/MD
 Sample : M2496-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB458

Quant Time: May 27 02:04:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

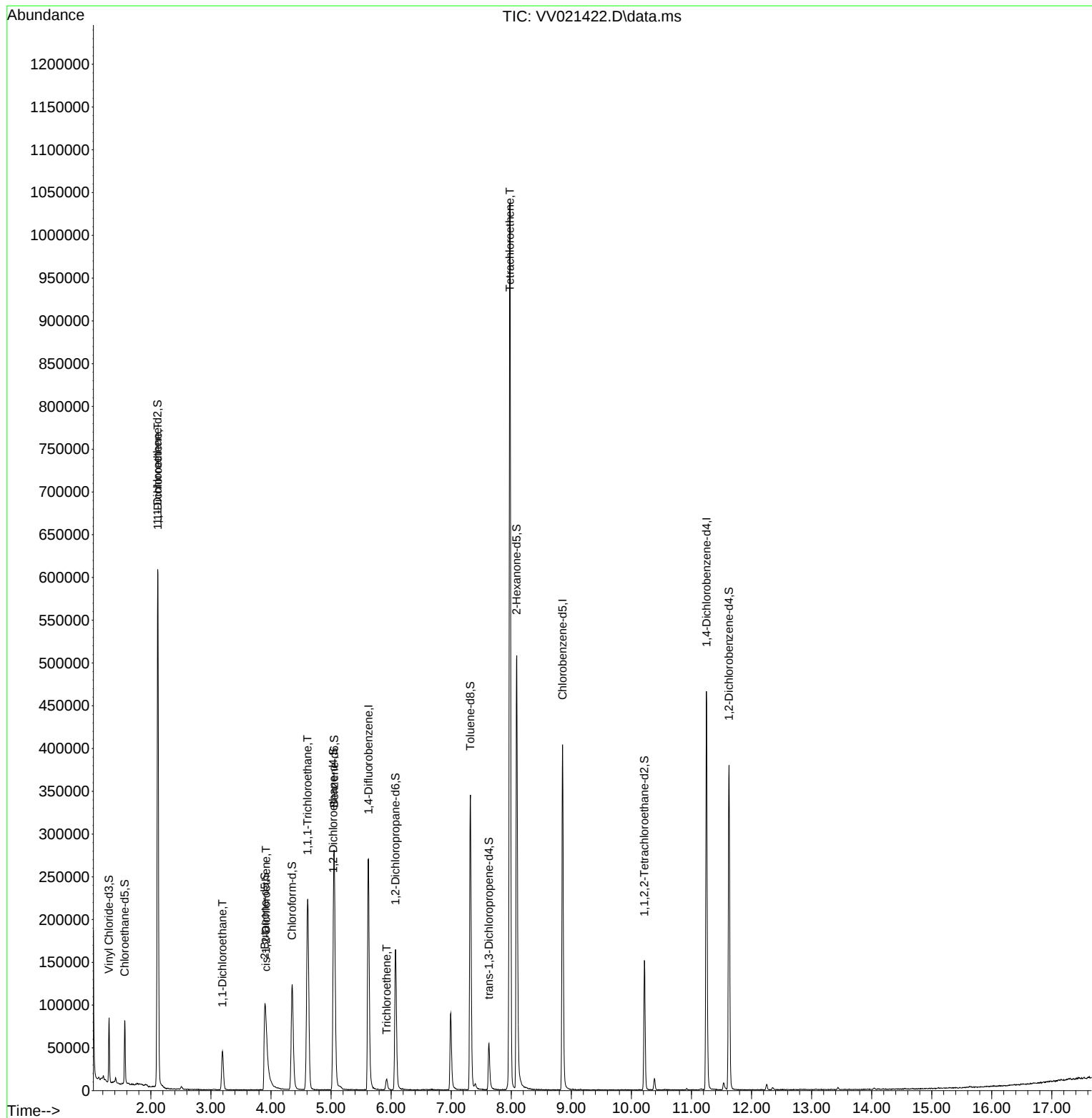
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	251199	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	236070	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131937	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45777	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.565	69	45840	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.114	63	146652	7.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	145.60%#
20) 2-Butanone-d5	3.899	46	216898	56.77	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.54%
24) Chloroform-d	4.352	84	131488	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.037	65	66400	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.053	84	258220	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.072	67	84749	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.320	98	236951	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	7.629	79	34336	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.088	63	197610	54.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.48%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	73111	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	108269	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	175235	14.06	ug/L	90
19) 1,1-Dichloroethane	3.192	63	46488	1.69	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	2611	0.15	ug/L	90
29) 1,1,1-Trichloroethane	4.609	97	189387	7.15	ug/L	98
34) Trichloroethene	5.928	95	4130	0.24	ug/L	87
47) Tetrachloroethene	7.979	164	251600	16.31	ug/L	96

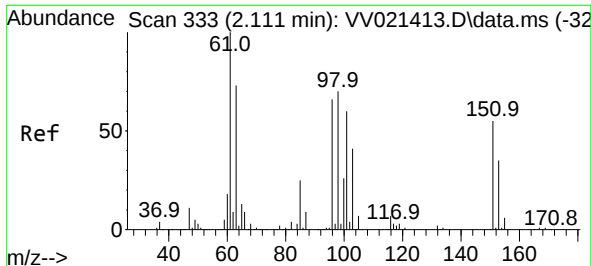
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 27 02:03:26 2021
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#12

1,1-Dichloroethene

Concen: 14.06 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.006 min

Lab File: VV021422.D

Acq: 26 May 2021 13:50

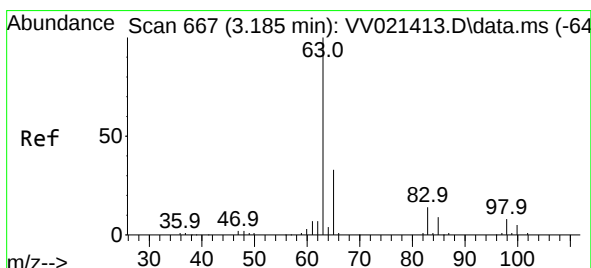
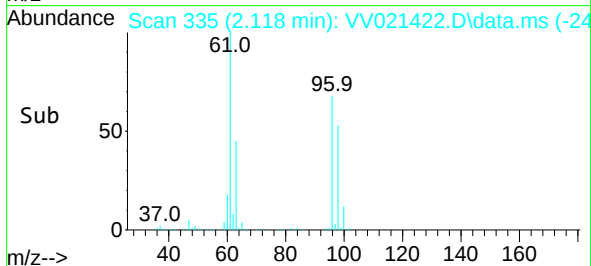
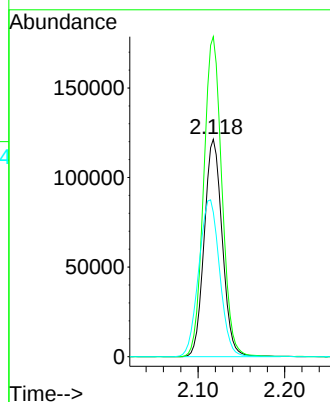
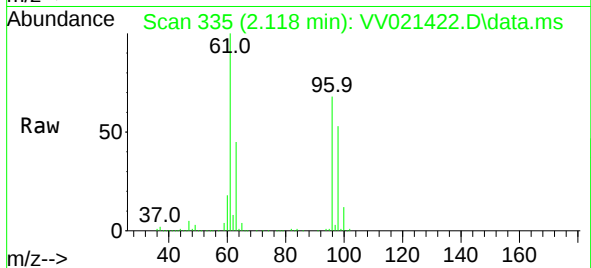
Tgt Ion: 96 Resp: 175235

Ion Ratio Lower Upper

96 100

61 147.1 103.7 192.5

63 66.3 62.4 115.8



#19

1,1-Dichloroethane

Concen: 1.69 ug/L

RT: 3.192 min Scan# 669

Delta R.T. 0.007 min

Lab File: VV021422.D

Acq: 26 May 2021 13:50

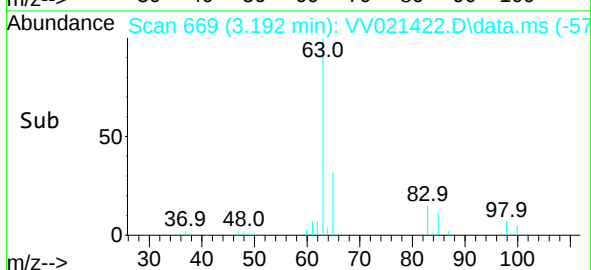
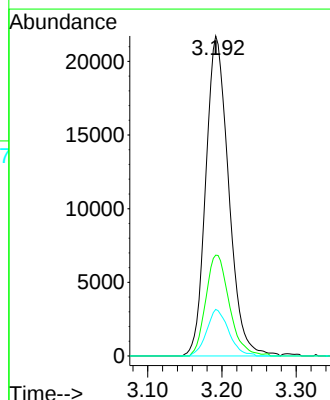
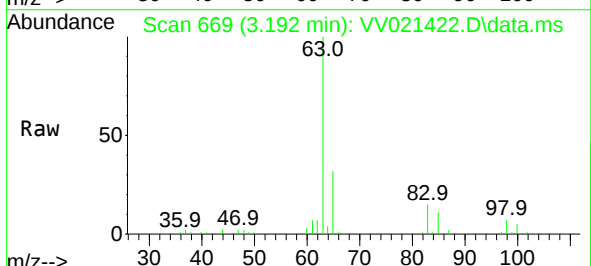
Tgt Ion: 63 Resp: 46488

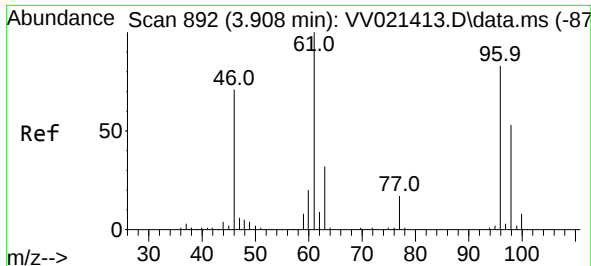
Ion Ratio Lower Upper

63 100

65 31.5 23.2 43.2

83 14.6 9.4 17.4





#22

cis-1,2-Dichloroethene

Concen: 0.15 ug/L

RT: 3.915 min Scan# 894

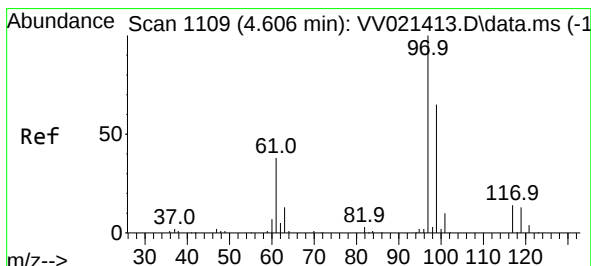
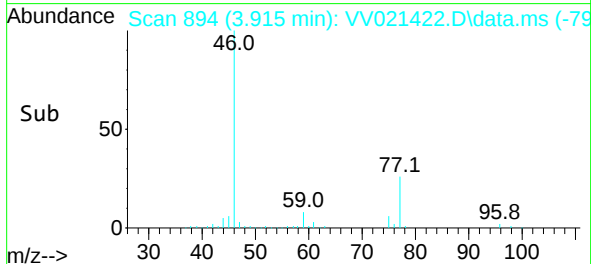
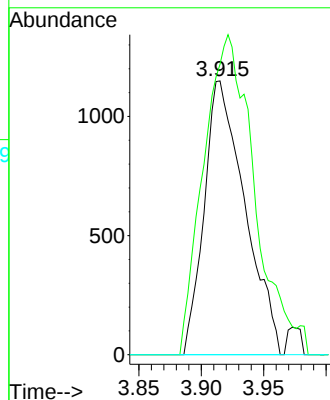
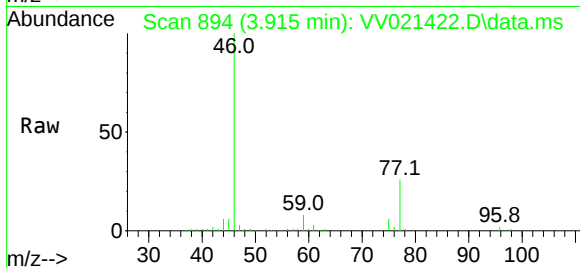
Delta R.T. 0.006 min

Lab File: VV021422.D

Acq: 26 May 2021 13:50

Tgt Ion: 96 Resp: 2611

Ion	Ratio	Lower	Upper
96	100		
61	106.1	81.9	152.1
68	0.0	0.0	0.0



#29

1,1,1-Trichloroethane

Concen: 7.15 ug/L

RT: 4.609 min Scan# 1110

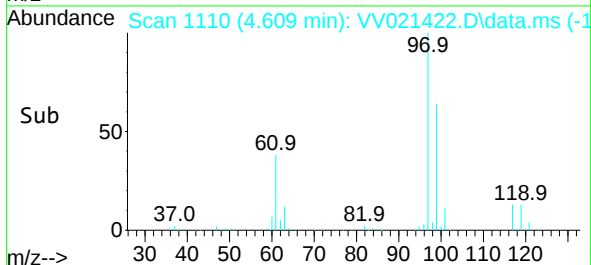
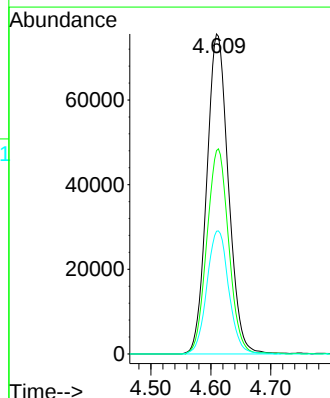
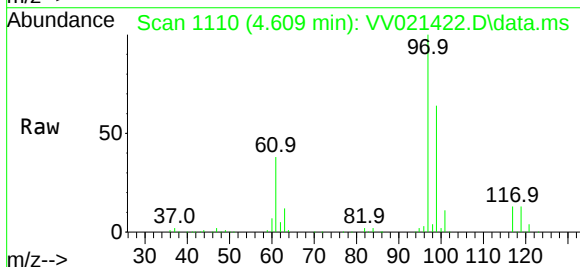
Delta R.T. 0.003 min

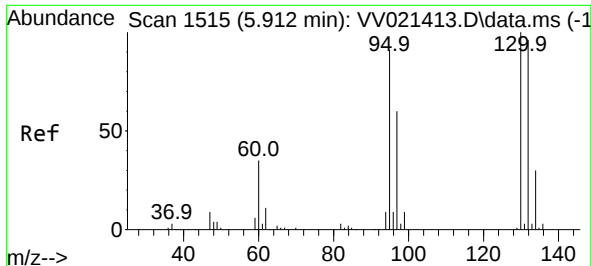
Lab File: VV021422.D

Acq: 26 May 2021 13:50

Tgt Ion: 97 Resp: 189387

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.6	75.8
61	39.0	30.4	45.6



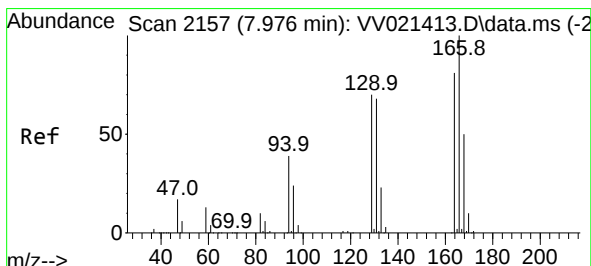
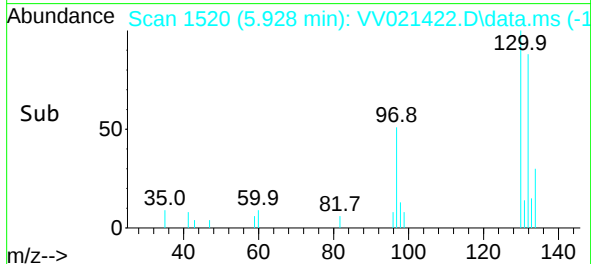
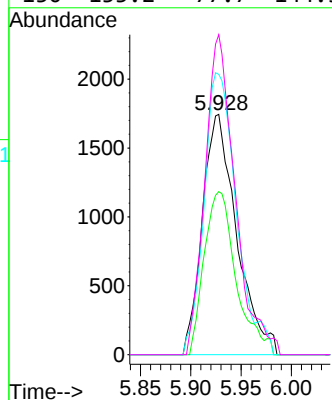
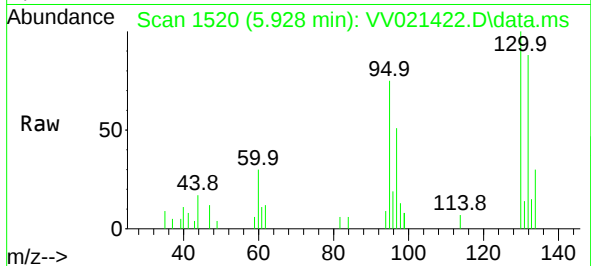


#34
Trichloroethene
Concen: 0.24 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.016 min
Lab File: VV021422.D
Acq: 26 May 2021 13:50

Instrument :
MSVOA_V
ClientSampled :
GB458

Tgt Ion: 95 Resp: 4130

Ion	Ratio	Lower	Upper
95	100		
97	67.8	45.4	84.4
132	116.7	74.5	138.3
130	133.2	77.7	144.3



#47
Tetrachloroethene
Concen: 16.31 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021422.D
Acq: 26 May 2021 13:50

Tgt Ion: 164 Resp: 251600

Ion	Ratio	Lower	Upper
164	100		
129	88.1	61.8	114.8
131	85.0	57.8	107.4
166	132.3	87.4	162.4

