

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043327.D
 Acq On : 26 Apr 2021 15:50
 Operator : SY/MD
 Sample : M2124-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4457

Quant Time: Apr 26 23:42:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 26 23:40:31 2021
 Response via : Initial Calibration

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

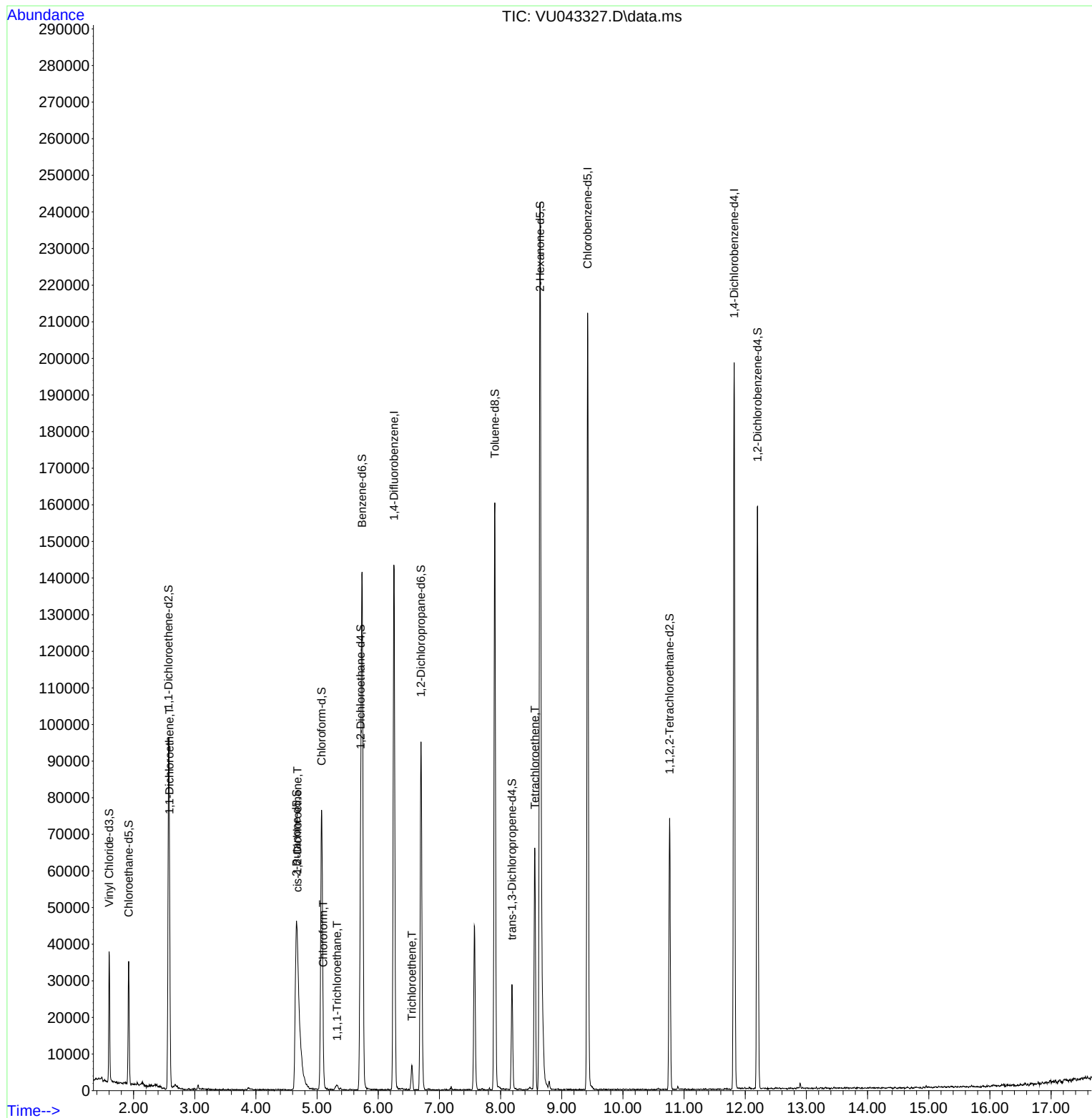
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106208	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	106786	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49582	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23972	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.919	69	21683	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.572	65	16050	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.60%
20) 2-Butanone-d5	4.665	46	130711	55.18	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	5.073	84	67176	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.713	65	43129	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.735	84	115584	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.700	67	40213	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.906	98	98440	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.185	79	14283	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.645	63	78789	43.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34430	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	38618	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	8684	1.47	ug/L	# 24
22) cis-1,2-Dichloroethene	4.678	96	1180	0.16	ug/L	85
25) Chloroform	5.099	83	2214	0.15	ug/L	87
29) 1,1,1-Trichloroethane	5.327	97	1310	0.10	ug/L	# 66
34) Trichloroethene	6.549	95	2308	0.29	ug/L	88
47) Tetrachloroethene	8.562	164	13578	2.18	ug/L	97

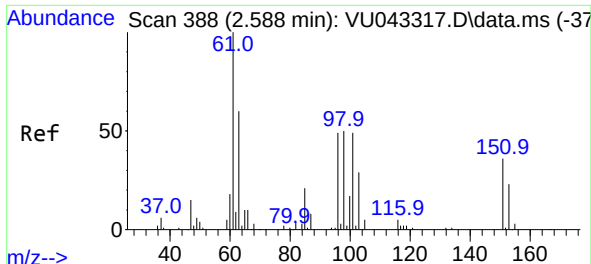
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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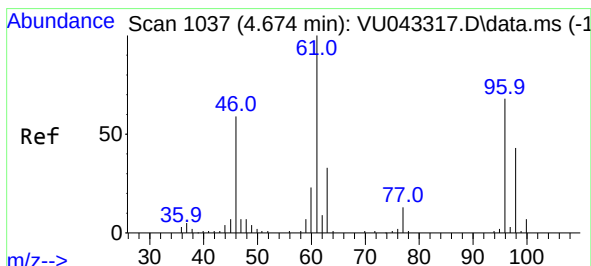
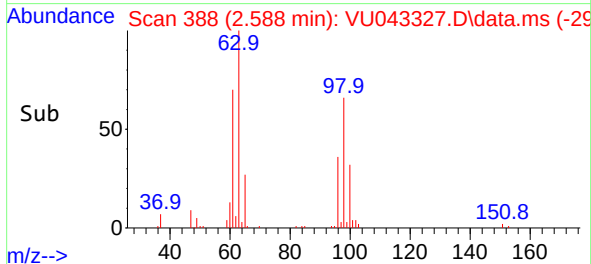
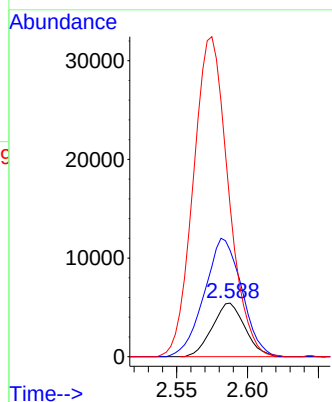
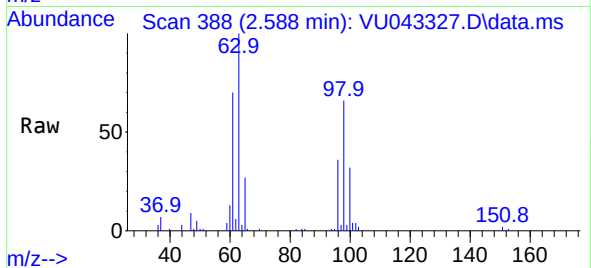




#12
1,1-Dichloroethene
Concen: 1.47 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

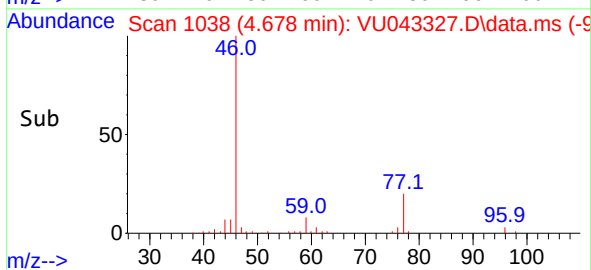
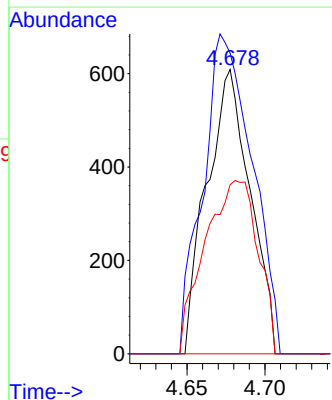
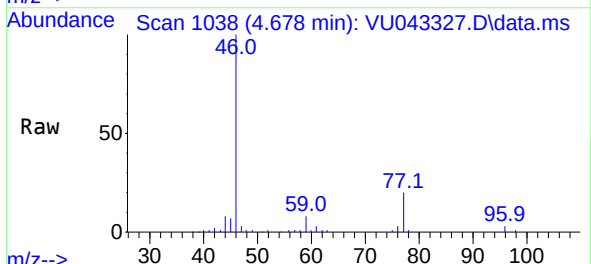
Instrument :
MSVOA_U
ClientSampleId :
H4457

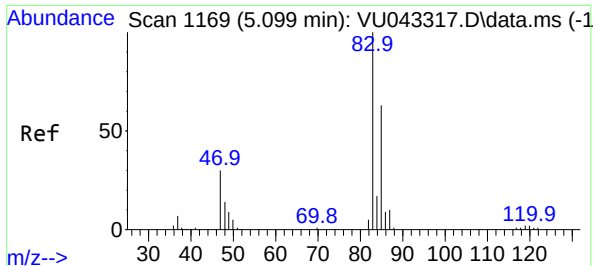
Tgt Ion: 96 Resp: 8684
Ion Ratio Lower Upper
96 100
61 198.2 115.1 213.7
63 281.4 84.1 156.1#



#22
cis-1,2-Dichloroethene
Concen: 0.16 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

Tgt Ion: 96 Resp: 1180
Ion Ratio Lower Upper
96 100
61 105.7 87.4 162.4
98 59.4 47.7 88.5



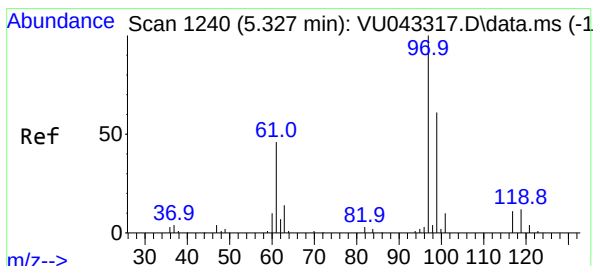
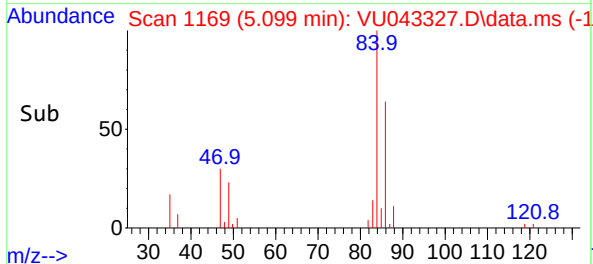
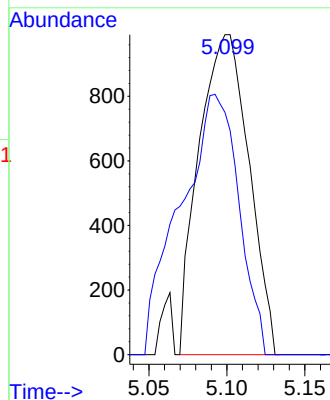
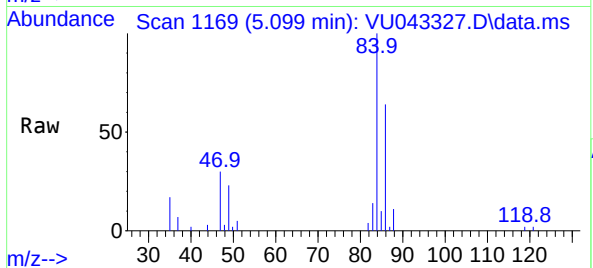


#25

Chloroform
Concen: 0.15 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

Instrument :
MSVOA_U
ClientSampled :
H4457

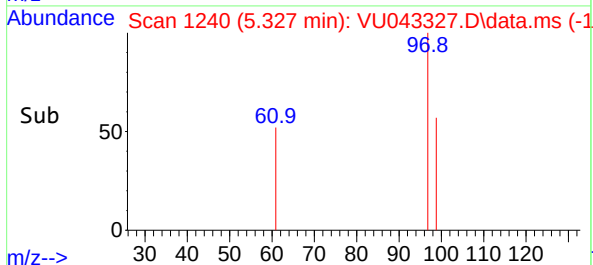
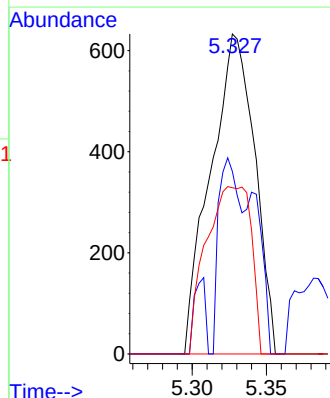
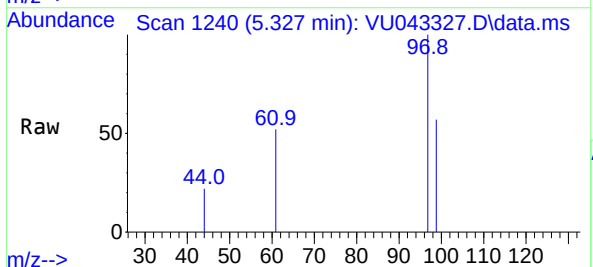
Tgt Ion: 83 Resp: 2214
Ion Ratio Lower Upper
83 100
85 75.7 45.6 84.8

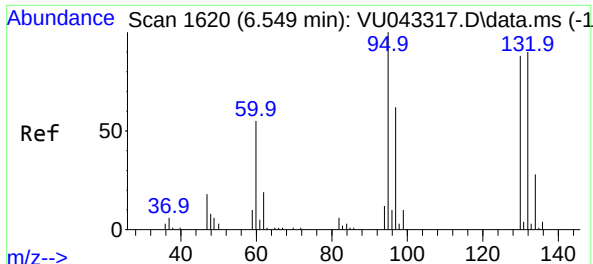


#29

1,1,1-Trichloroethane
Concen: 0.10 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

Tgt Ion: 97 Resp: 1310
Ion Ratio Lower Upper
97 100
99 29.5 50.3 75.5#
61 53.1 32.7 49.1#



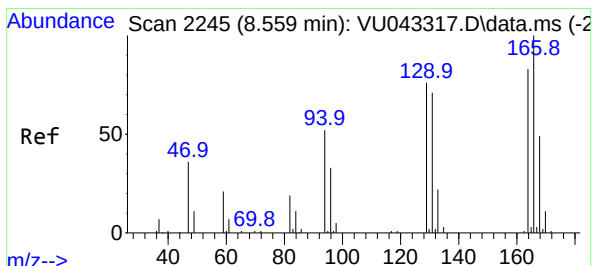
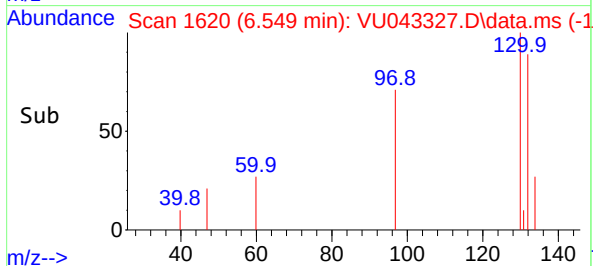
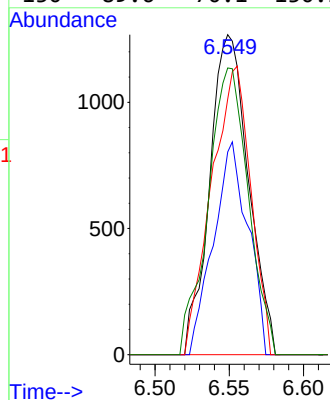
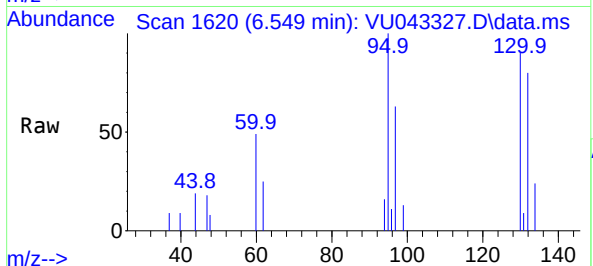


#34
Trichloroethene
Concen: 0.29 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

Instrument :
MSVOA_U
ClientSampleId :
H4457

Tgt Ion: 95 Resp: 2308

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.8	85.2
132	79.9	68.7	127.7
130	89.6	70.1	130.3



#47
Tetrachloroethene
Concen: 2.18 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

Tgt Ion: 164 Resp: 13578

Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.6	123.8
131	94.0	65.9	122.3
166	129.0	93.7	173.9

