

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024225.D
 Acq On : 28 Dec 2021 17:58
 Operator : SY/MD
 Sample : M5193-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J08

Quant Time: Dec 29 05:06:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

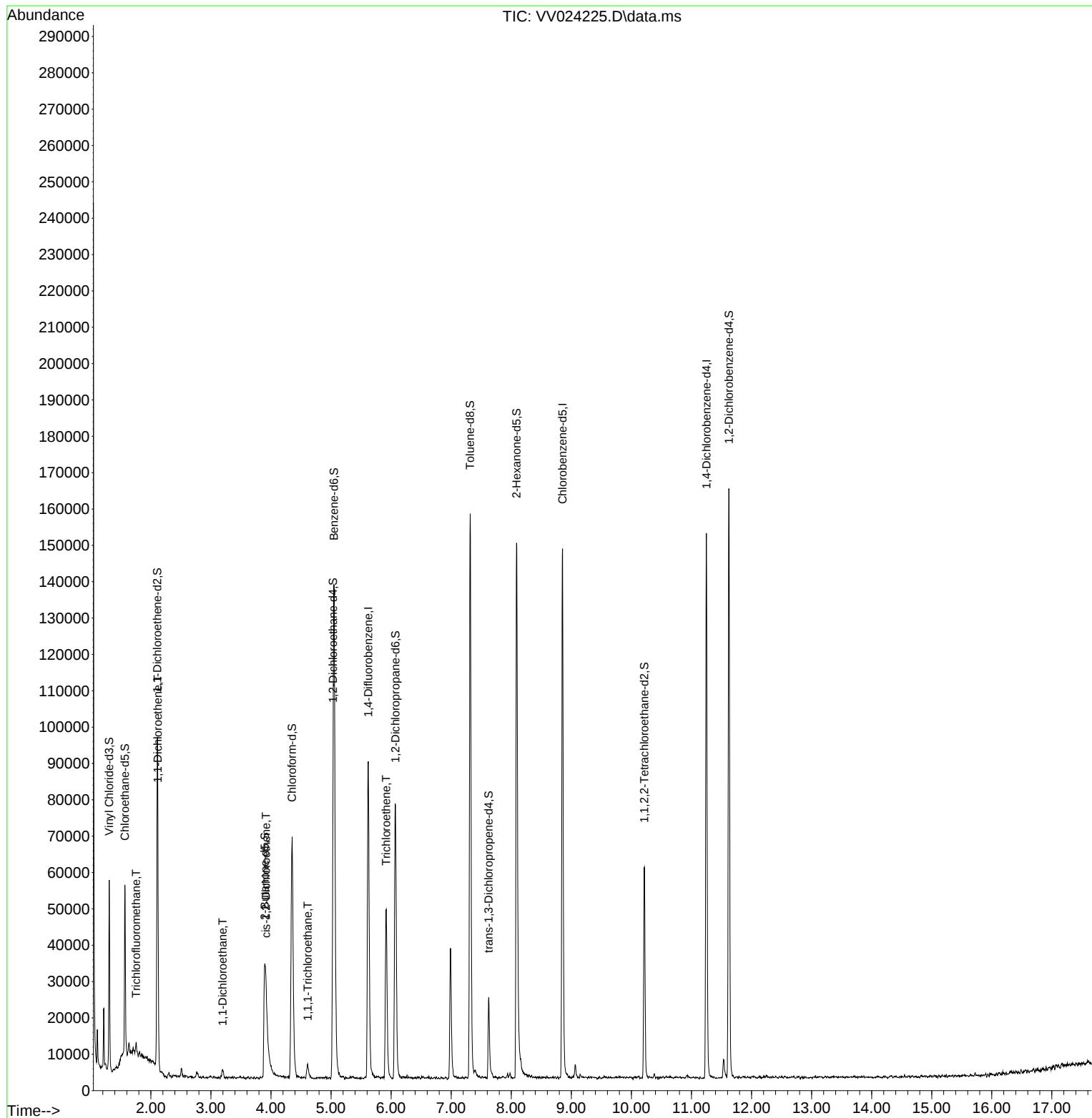
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	79377	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	83303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	42030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26744	4.479	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.568	69	26908	5.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.108	63	46253	3.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.896	46	61448	92.654	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	185.300%#
24) Chloroform-d	4.349	84	66686	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.034	65	34154	6.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	5.050	84	119467	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.072	67	34378	5.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.317	98	104774	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.625	79	12673	4.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.088	63	50968	58.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25357	6.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	44722	6.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.400%#
Target Compounds						
9) Trichlorofluoromethane	1.754	101	1744	0.076	ug/L	86
12) 1,1-Dichloroethene	2.118	96	3107	0.285	ug/L #	1
19) 1,1-Dichloroethane	3.195	63	2538	0.132	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	2708	0.236	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	3153	0.150	ug/L	95
34) Trichloroethene	5.915	95	15920	1.291	ug/L	95

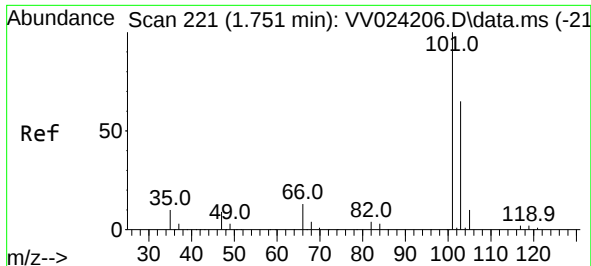
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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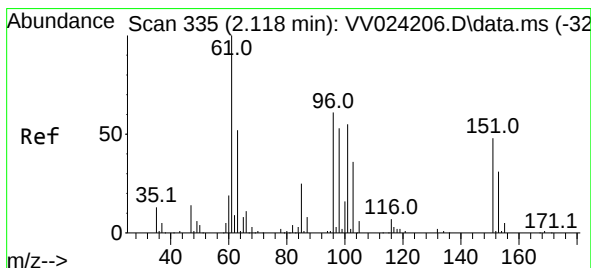
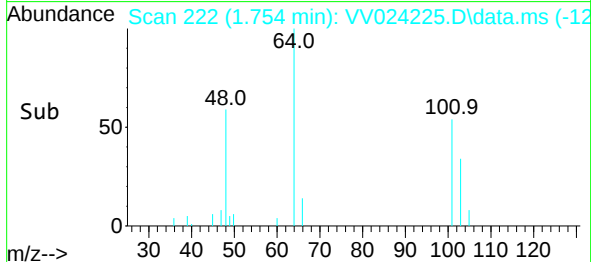
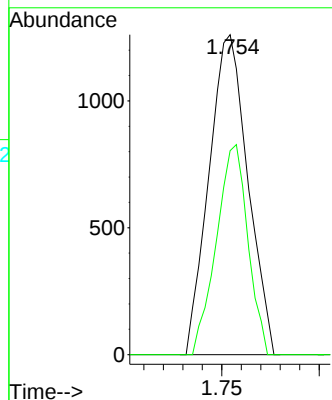
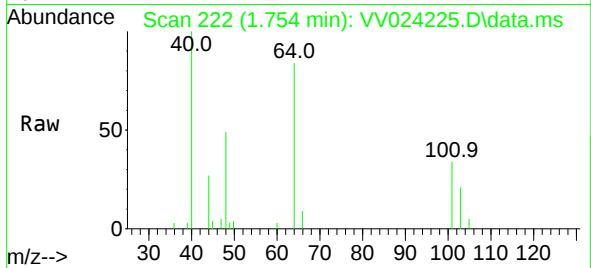




#9
 Trichlorofluoromethane
 Concen: 0.076 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024225.D
 Acq: 28 Dec 2021 17:58

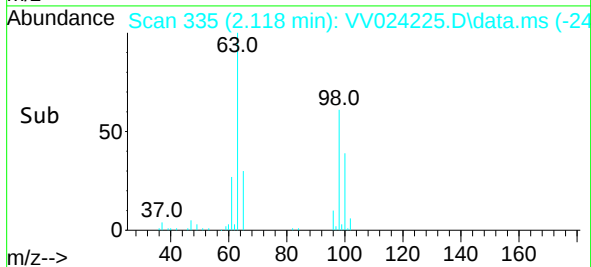
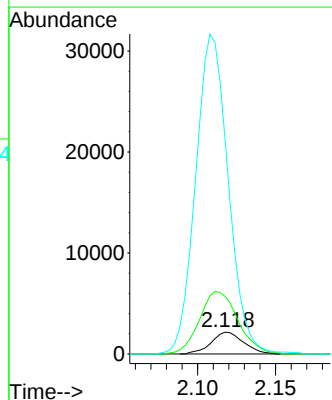
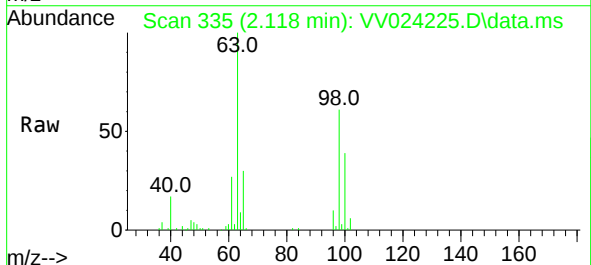
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J08

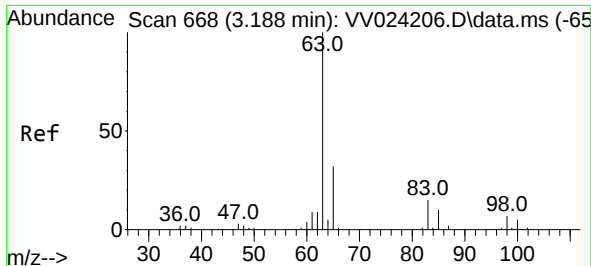
Tgt Ion:101 Resp: 1744
 Ion Ratio Lower Upper
 101 100
 103 53.2 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 0.285 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024225.D
 Acq: 28 Dec 2021 17:58

Tgt Ion: 96 Resp: 3107
 Ion Ratio Lower Upper
 96 100
 61 264.4 116.1 215.5#
 63 988.1 79.4 147.4#





#19

1,1-Dichloroethane

Concen: 0.132 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

Instrument :

MSVOA_V

ClientSampleId :

C0J08

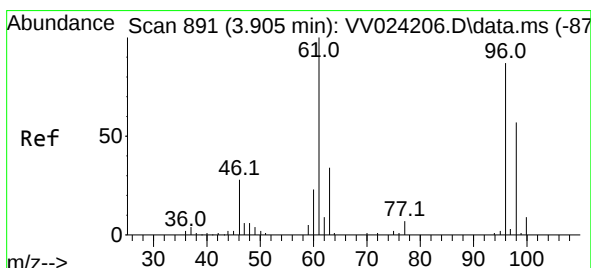
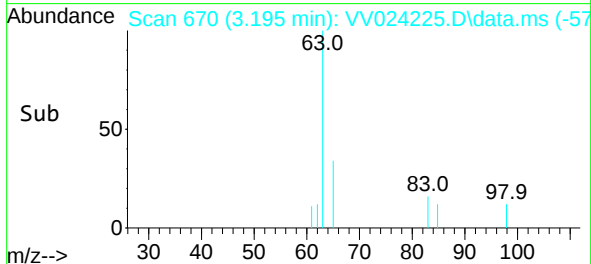
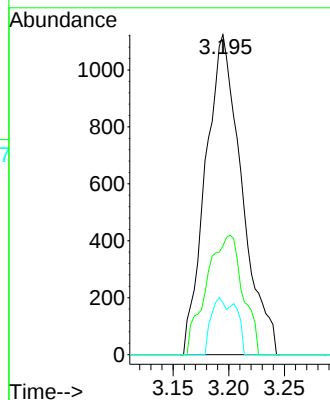
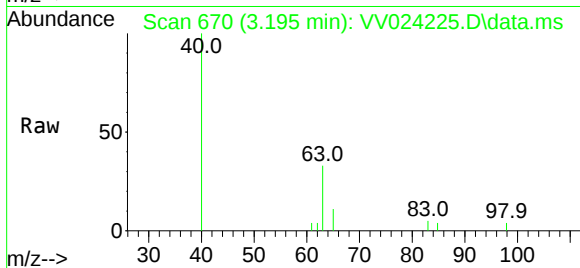
Tgt Ion: 63 Resp: 2538

Ion Ratio Lower Upper

63 100

65 34.0 22.3 41.3

83 16.2 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 0.236 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

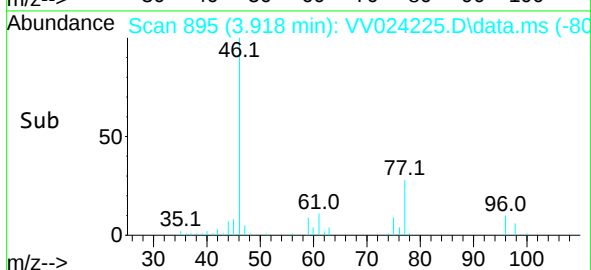
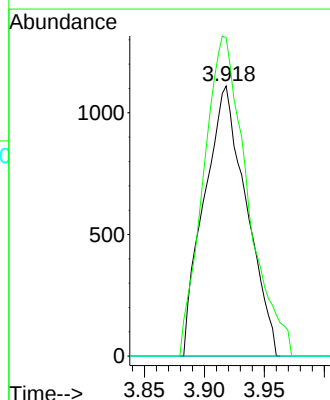
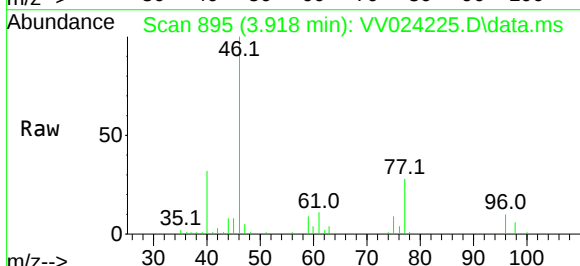
Tgt Ion: 96 Resp: 2708

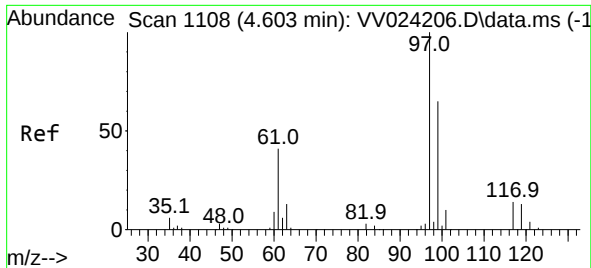
Ion Ratio Lower Upper

96 100

61 117.9 83.4 154.8

68 0.0 0.0 0.0



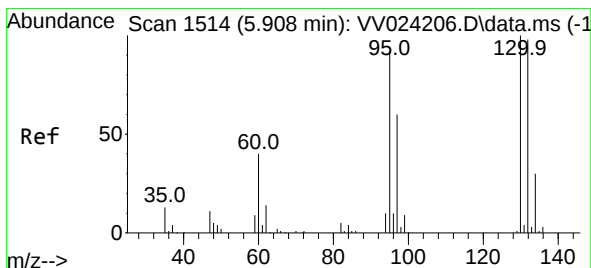
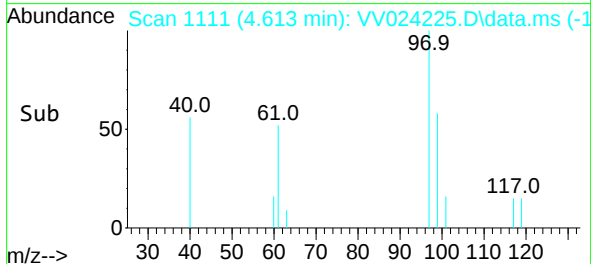
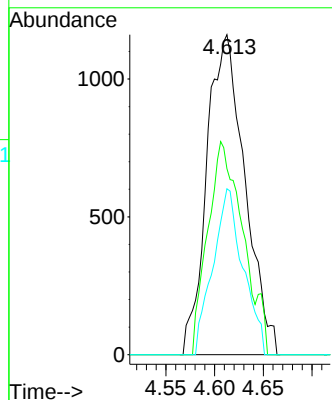
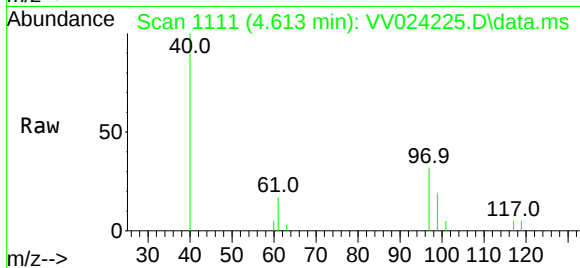


#29
 1,1,1-Trichloroethane
 Concen: 0.150 ug/L
 RT: 4.613 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VV024225.D
 Acq: 28 Dec 2021 17:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J08

Tgt Ion: 97 Resp: 3153

Ion	Ratio	Lower	Upper
97	100		
99	58.3	51.9	77.9
61	41.0	33.2	49.8



#34
 Trichloroethene
 Concen: 1.291 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.003 min
 Lab File: VV024225.D
 Acq: 28 Dec 2021 17:58

Tgt Ion: 95 Resp: 15920

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.2	84.0
132	99.6	76.1	141.3
130	103.7	75.4	140.0

