

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034701.D
 Acq On : 18 Mar 2024 17:31
 Operator : SY/MD
 Sample : P1752-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

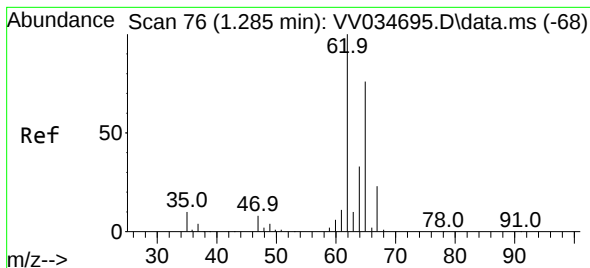
Instrument :
 MSVOA_V
 ClientSampleId :
 YCL14

Quant Time: Mar 19 02:55:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	273378	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	252381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117833	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143129	60.395	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 120.780%		
7) Chloroethane-d5	1.526	69	111362	60.316	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 120.640%		
11) 1,1-Dichloroethene-d2	2.056	65	60203	56.171	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 112.340%		
21) 2-Butanone-d5	3.786	46	183223	115.609	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 115.610%		
24) Chloroform-d	4.246	84	236043	56.332	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 112.660%		
26) 1,2-Dichloroethane-d4	4.940	65	158580	57.914	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 115.820%		
32) Benzene-d6	4.960	84	461664	60.610	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 121.220%		
36) 1,2-Dichloropropane-d6	5.989	67	143521	61.742	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 123.480%#		
41) Toluene-d8	7.243	98	406917	59.034	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 118.060%		
43) trans-1,3-Dichloroprop...	7.554	79	67555	57.872	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 115.740%		
47) 2-Hexanone-d5	8.024	63	111041	95.661	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 95.660%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	183737	60.063	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 120.120%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	145851	60.556	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 121.120%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	19191	7.016	ug/L	91
12) 1,1-Dichloroethene	2.069	96	10832	5.292	ug/L #	1
13) Acetone	2.111	43	523252	274.638	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	11811	5.961	ug/L	95
19) 1,1-Dichloroethane	3.114	63	7862	2.026	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	262145	121.943	ug/L	96
34) Trichloroethene	5.831	95	296064	132.954	ug/L	97
37) 1,2-Dichloropropane	6.104	63	9856	4.805	ug/L #	91
46) Tetrachloroethene	7.908	164	15809	9.546	ug/L	95

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



#5

Vinyl chloride

Concen: 7.016 ug/L

RT: 1.281 min Scan# 76

Delta R.T. -0.003 min

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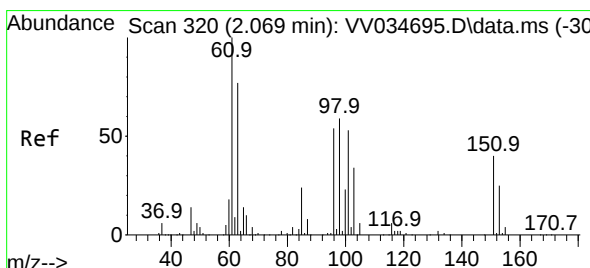
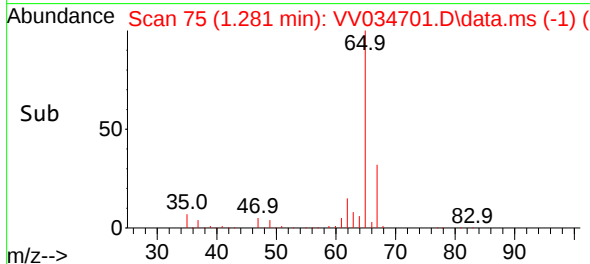
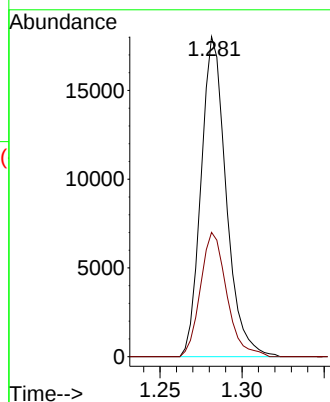
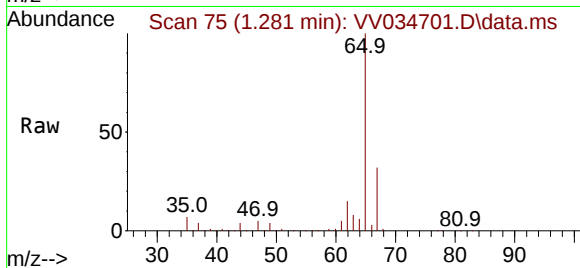
YCL14

Tgt Ion: 62 Resp: 19191

Ion Ratio Lower Upper

62 100

64 38.9 23.4 43.6



#12

1,1-Dichloroethene

Concen: 5.292 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034701.D

Acq: 18 Mar 2024 17:31

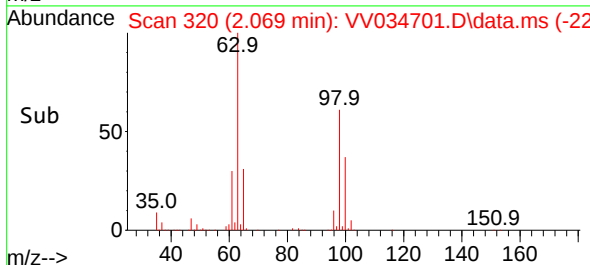
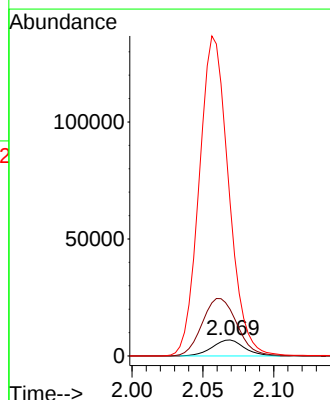
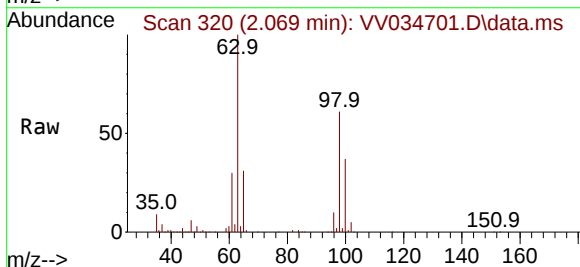
Tgt Ion: 96 Resp: 10832

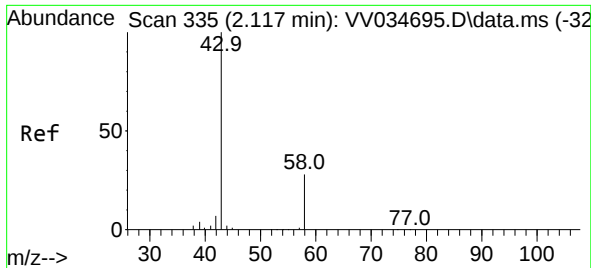
Ion Ratio Lower Upper

96 100

61 290.8 128.9 239.3#

63 955.8 98.0 182.0#





#13

Acetone

Concen: 274.638 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV034701.D

Acq: 18 Mar 2024 17:31

Instrument :

MSVOA_V

ClientSampleId :

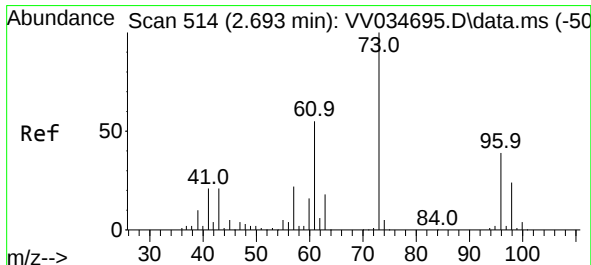
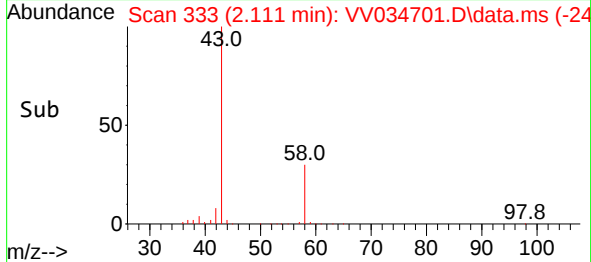
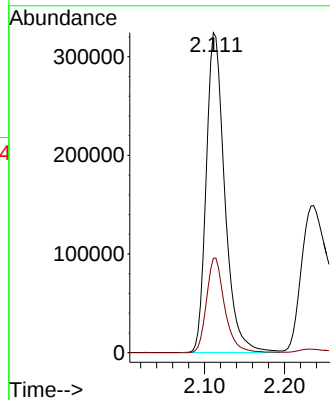
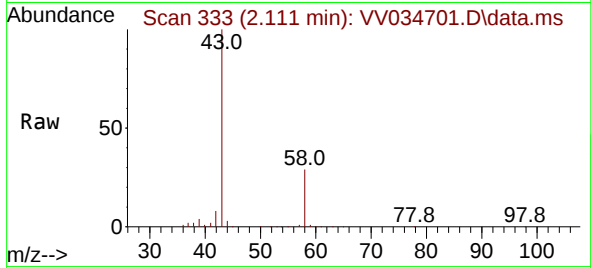
YCL14

Tgt Ion: 43 Resp: 523252

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.2



#17

trans-1,2-Dichloroethene

Concen: 5.961 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV034701.D

Acq: 18 Mar 2024 17:31

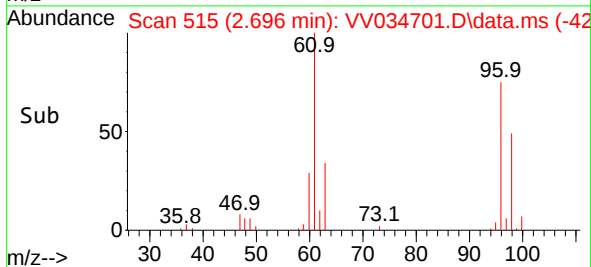
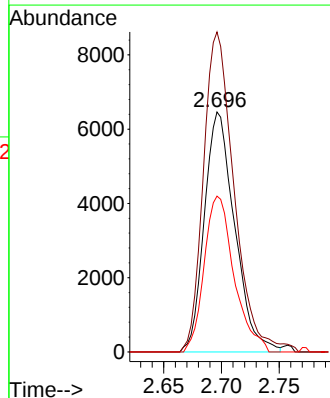
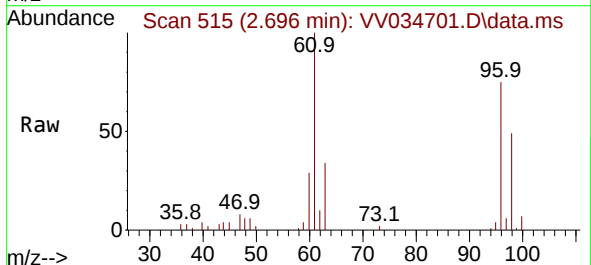
Tgt Ion: 96 Resp: 11811

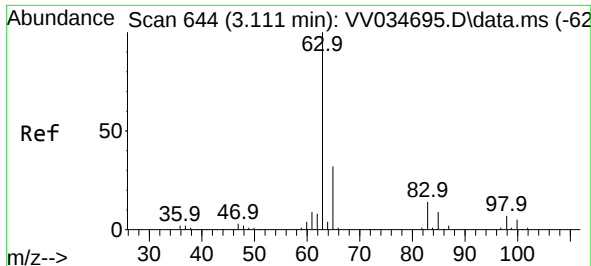
Ion Ratio Lower Upper

96 100

61 133.3 98.8 183.4

98 64.9 46.1 85.5

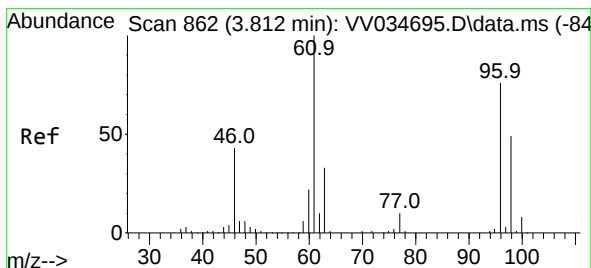
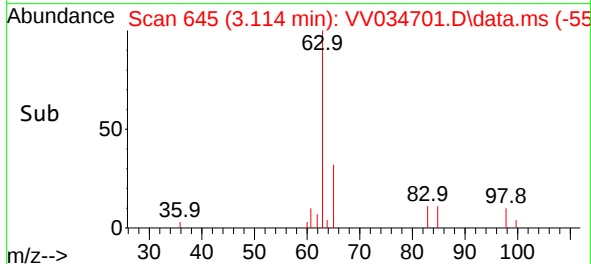
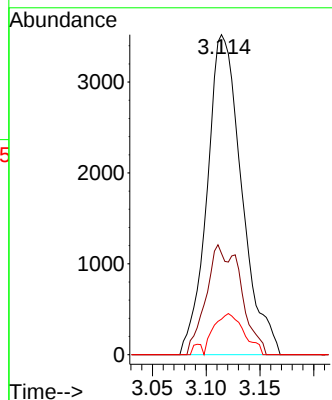
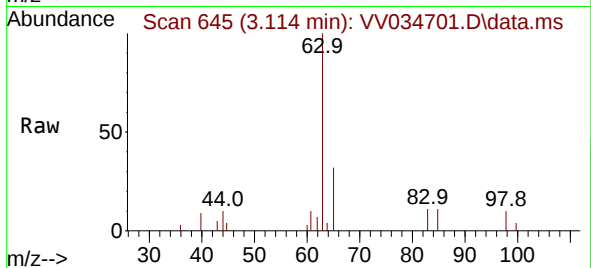




#19
1,1-Dichloroethane
Concen: 2.026 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31

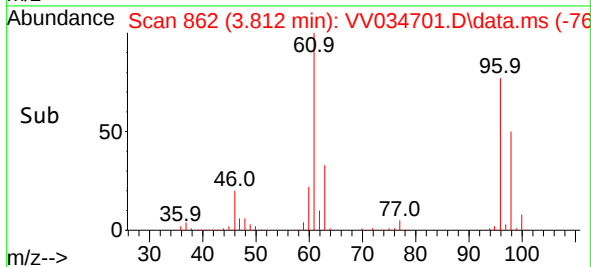
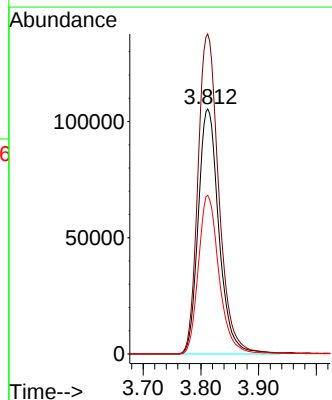
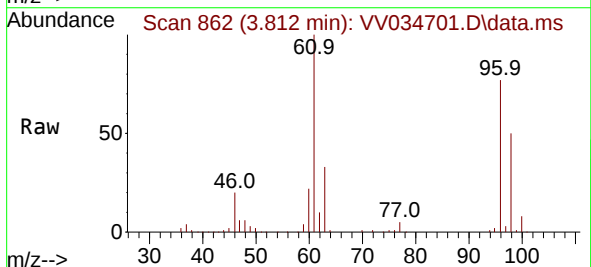
Instrument :
MSVOA_V
ClientSampleId :
YCL14

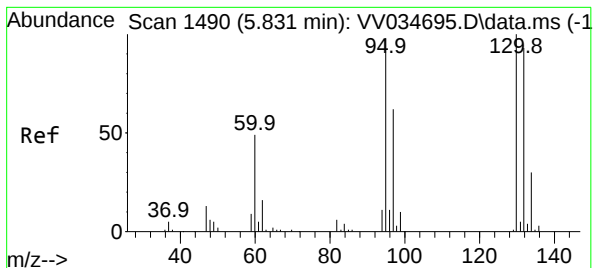
Tgt Ion:	63	Resp:	7862
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	41.1
83	11.1	9.9	18.3



#20
cis-1,2-Dichloroethene
Concen: 121.943 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31

Tgt Ion:	96	Resp:	262145
Ion	Ratio	Lower	Upper
96	100		
61	130.6	96.0	178.4
98	64.8	46.0	85.4





#34

Trichloroethene

Concen: 132.954 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034701.D

Acq: 18 Mar 2024 17:31

Instrument :

MSVOA_V

ClientSampleId :

YCL14

Tgt Ion: 95 Resp: 296064

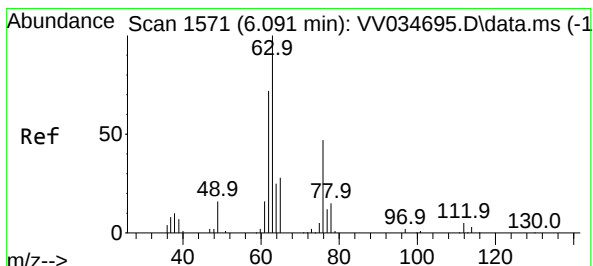
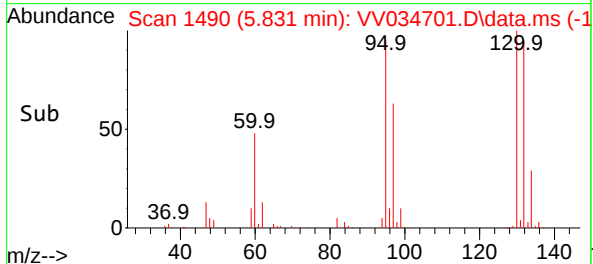
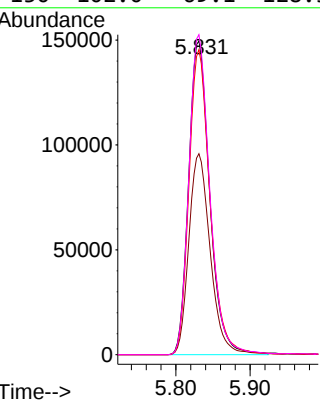
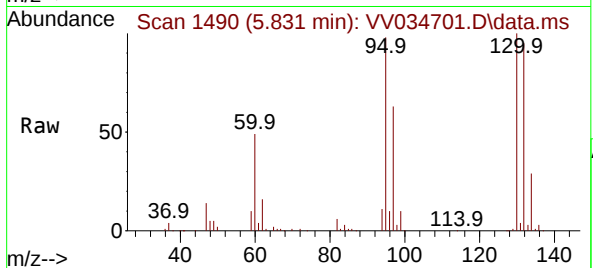
Ion Ratio Lower Upper

95 100

97 64.1 44.7 83.1

132 97.2 65.3 121.3

130 102.0 69.1 128.3



#37

1,2-Dichloropropane

Concen: 4.805 ug/L

RT: 6.104 min Scan# 1575

Delta R.T. 0.013 min

Lab File: VV034701.D

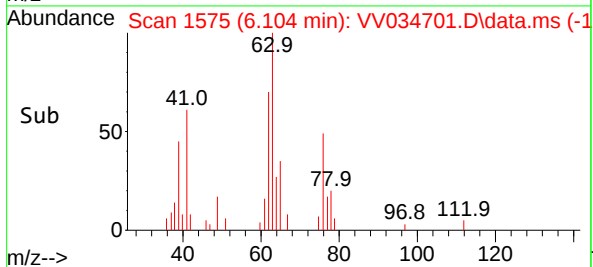
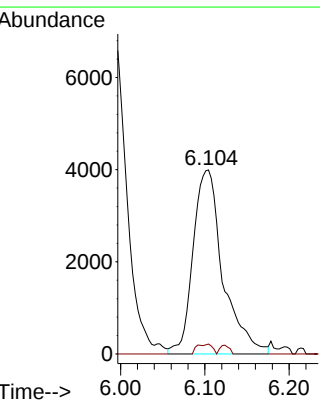
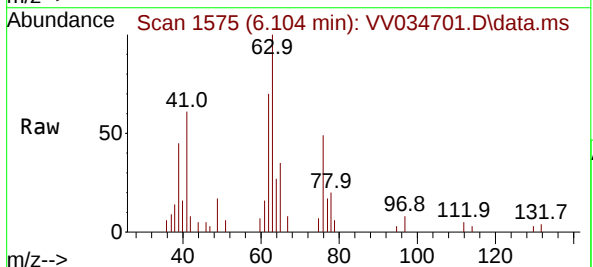
Acq: 18 Mar 2024 17:31

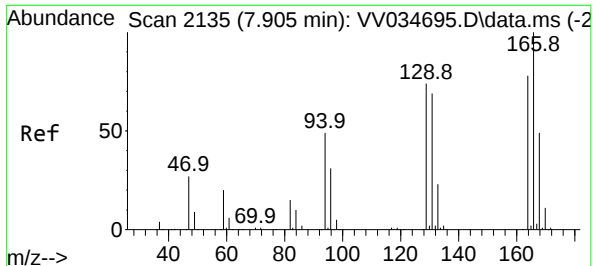
Tgt Ion: 63 Resp: 9856

Ion Ratio Lower Upper

63 100

112 1.4 3.5 5.3#





#46
Tetrachloroethene
Concen: 9.546 ug/L
RT: 7.908 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31

Instrument :
MSVOA_V
ClientSampleId :
YCL14

Tgt Ion:164 Resp: 15809

Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.7	121.9
131	95.9	62.2	115.6
166	135.2	89.7	166.7

