

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031307.D
 Acq On : 31 May 2023 19:26
 Operator : SY/MD
 Sample : 02991-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 02:00:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

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

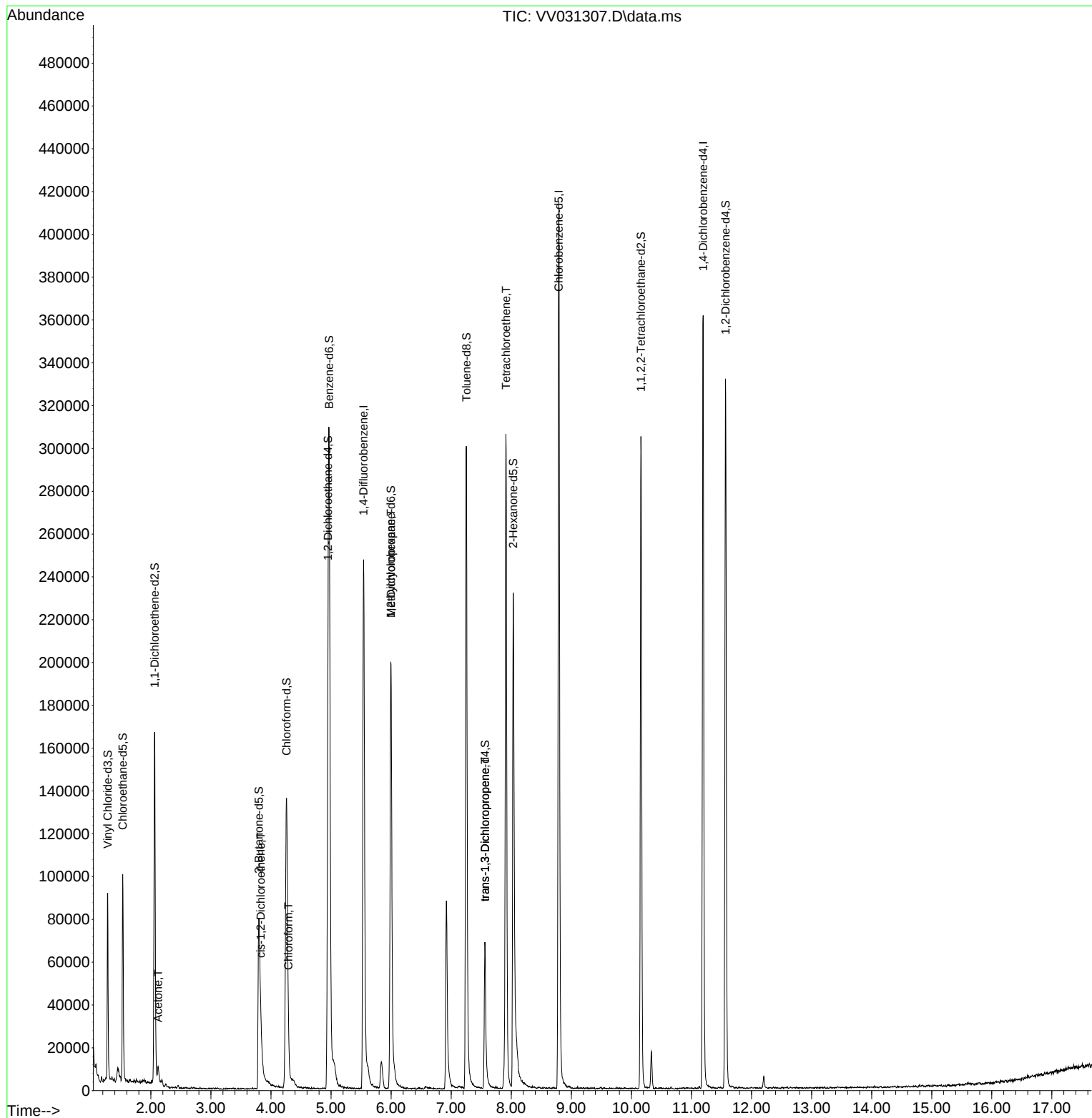
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	204174	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	213329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	88826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	58595	33.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.160%
7) Chloroethane-d5	1.532	69	62088	46.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.380%
11) 1,1-Dichloroethene-d2	2.063	65	29500	36.053	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.100%
21) 2-Butanone-d5	3.799	46	132927	142.967	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	142.970%#
24) Chloroform-d	4.256	84	148523	48.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
26) 1,2-Dichloroethane-d4	4.950	65	106189	50.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.820%
32) Benzene-d6	4.969	84	249929	43.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.440%
36) 1,2-Dichloropropane-d6	5.995	67	104570	60.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.860%#
41) Toluene-d8	7.252	98	203005	37.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.220%#
43) trans-1,3-Dichloroprop...	7.564	79	42016	48.397	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.800%
47) 2-Hexanone-d5	8.034	63	77193	114.416	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.420%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147597	56.870	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.740%
66) 1,2-Dichlorobenzene-d4	11.567	152	80713	50.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.140%
Target Compounds						
					Qvalue	
13) Acetone	2.121	43	6867	5.681	ug/L	93
20) cis-1,2-Dichloroethene	3.828	96	3913	3.027	ug/L	97
25) Chloroform	4.291	83	6615	2.478	ug/L	93
35) Methylcyclohexane	5.995	83	23567	12.969	ug/L	# 17
44) trans-1,3-Dichloropropene	7.564	75	1930	0.880	ug/L	# 47
46) Tetrachloroethene	7.911	164	67169	57.122	ug/L	94

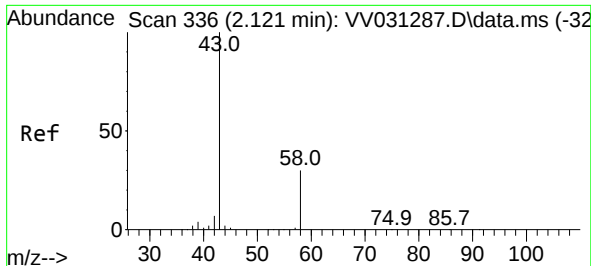
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 01 01:56:05 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.681 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031307.D

Acq: 31 May 2023 19:26

Instrument :

MSVOA_V

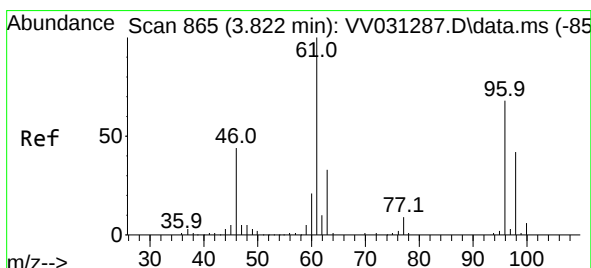
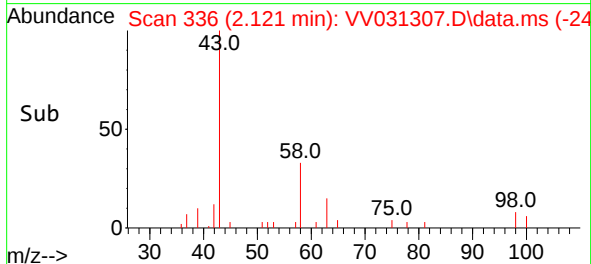
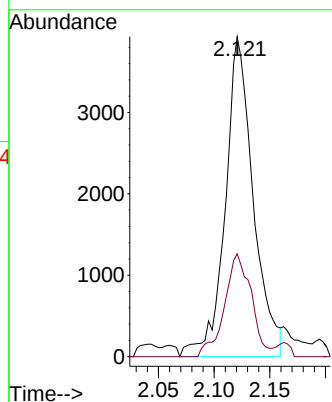
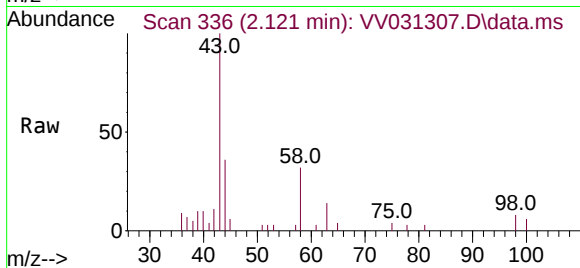
ClientSampleId :

Tgt Ion: 43 Resp: 6867

Ion Ratio Lower Upper

43 100

58 30.7 0.0 54.0



#20

cis-1,2-Dichloroethene

Concen: 3.027 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.006 min

Lab File: VV031307.D

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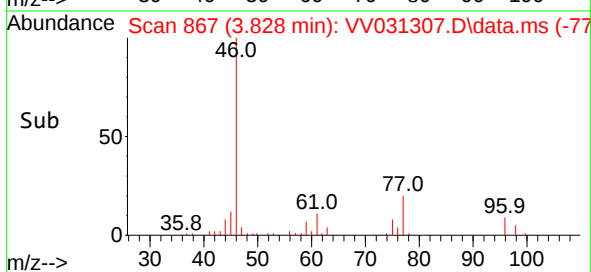
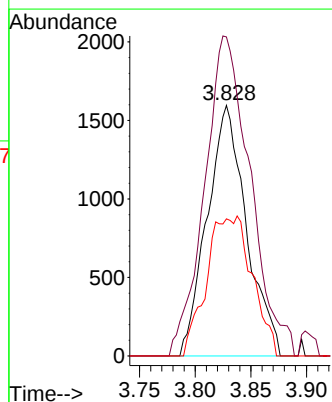
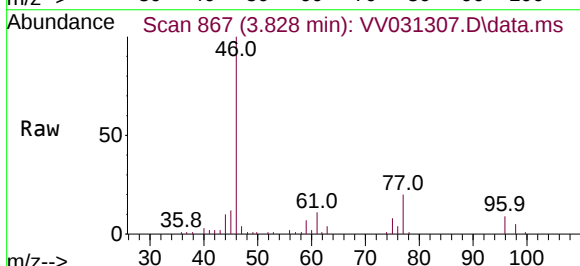
Tgt Ion: 96 Resp: 3913

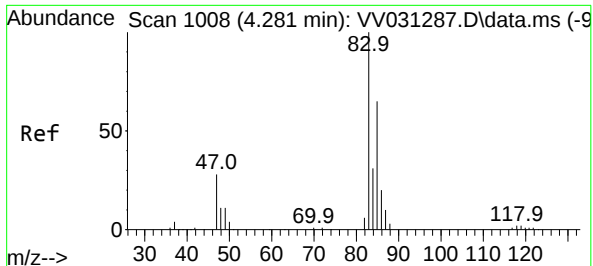
Ion Ratio Lower Upper

96 100

61 127.3 89.2 165.6

98 54.7 43.0 80.0

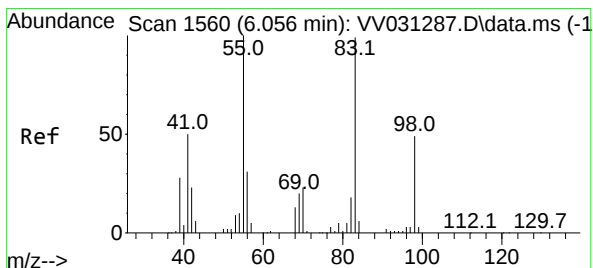
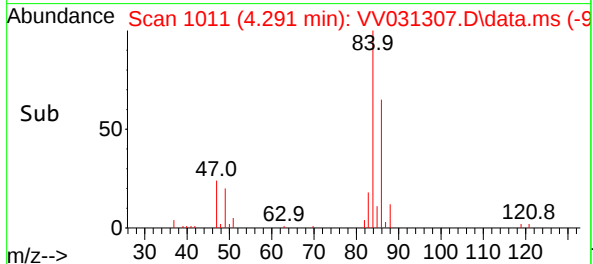
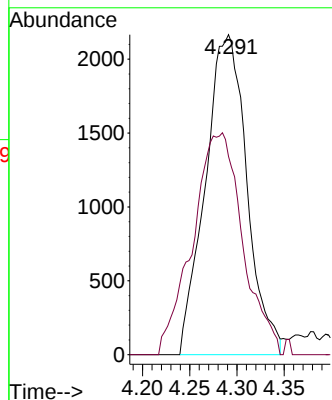
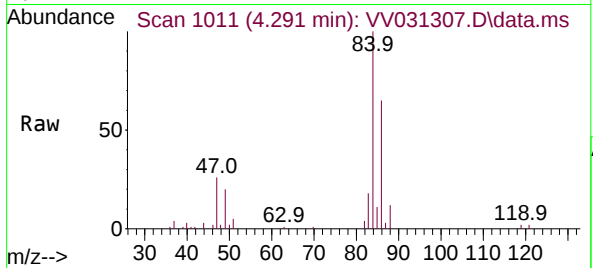




#25
Chloroform
Concen: 2.478 ug/L
RT: 4.291 min Scan# 1008
Delta R.T. 0.010 min
Lab File: VV031307.D
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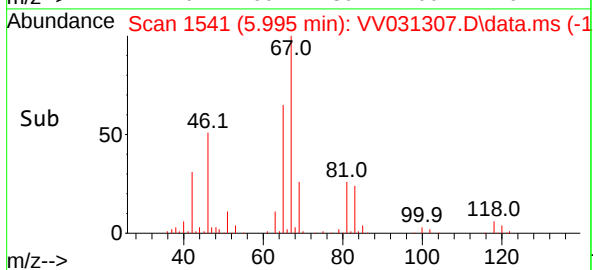
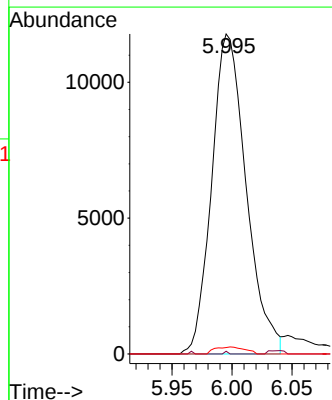
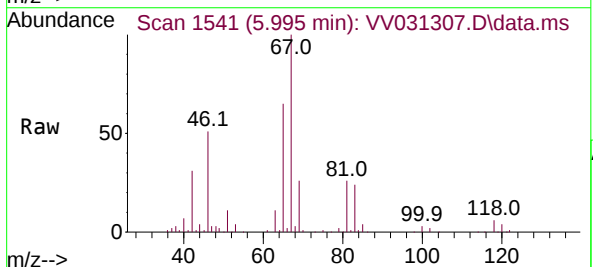
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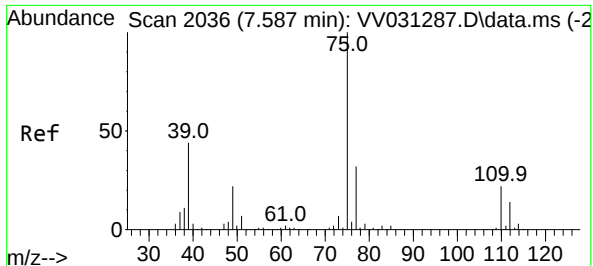
Tgt Ion: 83 Resp: 6615
Ion Ratio Lower Upper
83 100
85 62.0 47.3 87.9



#35
Methylcyclohexane
Concen: 12.969 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031307.D
Acq: 31 May 2023 19:26

Tgt Ion: 83 Resp: 23567
Ion Ratio Lower Upper
83 100
55 0.2 64.2 96.2#
98 1.9 40.0 60.0#

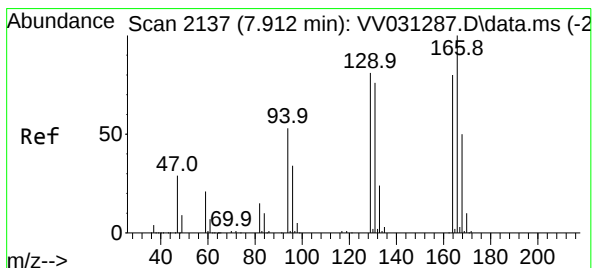
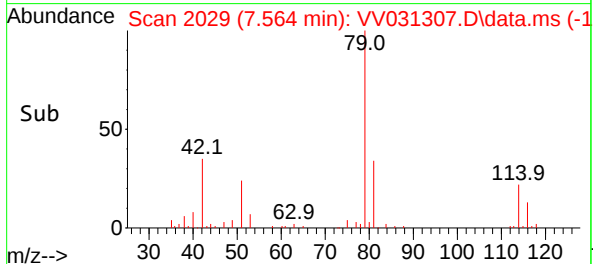
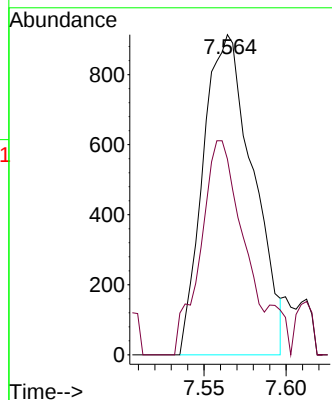
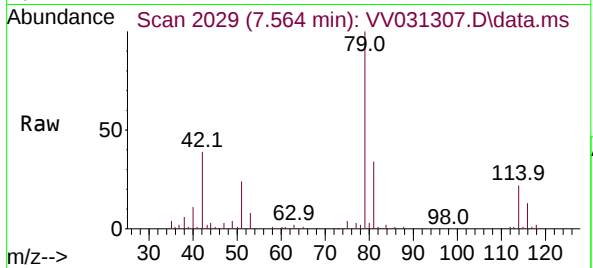




#44
trans-1,3-Dichloropropene
Concen: 0.880 ug/L
RT: 7.564 min Scan# 2036
Delta R.T. -0.023 min
Lab File: VV031307.D
Acq: 31 May 2023 19:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1930
Ion Ratio Lower Upper
75 100
77 61.2 22.2 41.2#



#46
Tetrachloroethene
Concen: 57.122 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031307.D
Acq: 31 May 2023 19:26

Tgt Ion:164 Resp: 67169
Ion Ratio Lower Upper
164 100
129 97.5 65.5 121.7
131 92.0 62.1 115.3
166 124.1 93.4 173.4

