

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031305.D
 Acq On : 31 May 2023 18:38
 Operator : SY/MD
 Sample : 02991-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 02:00:26 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)

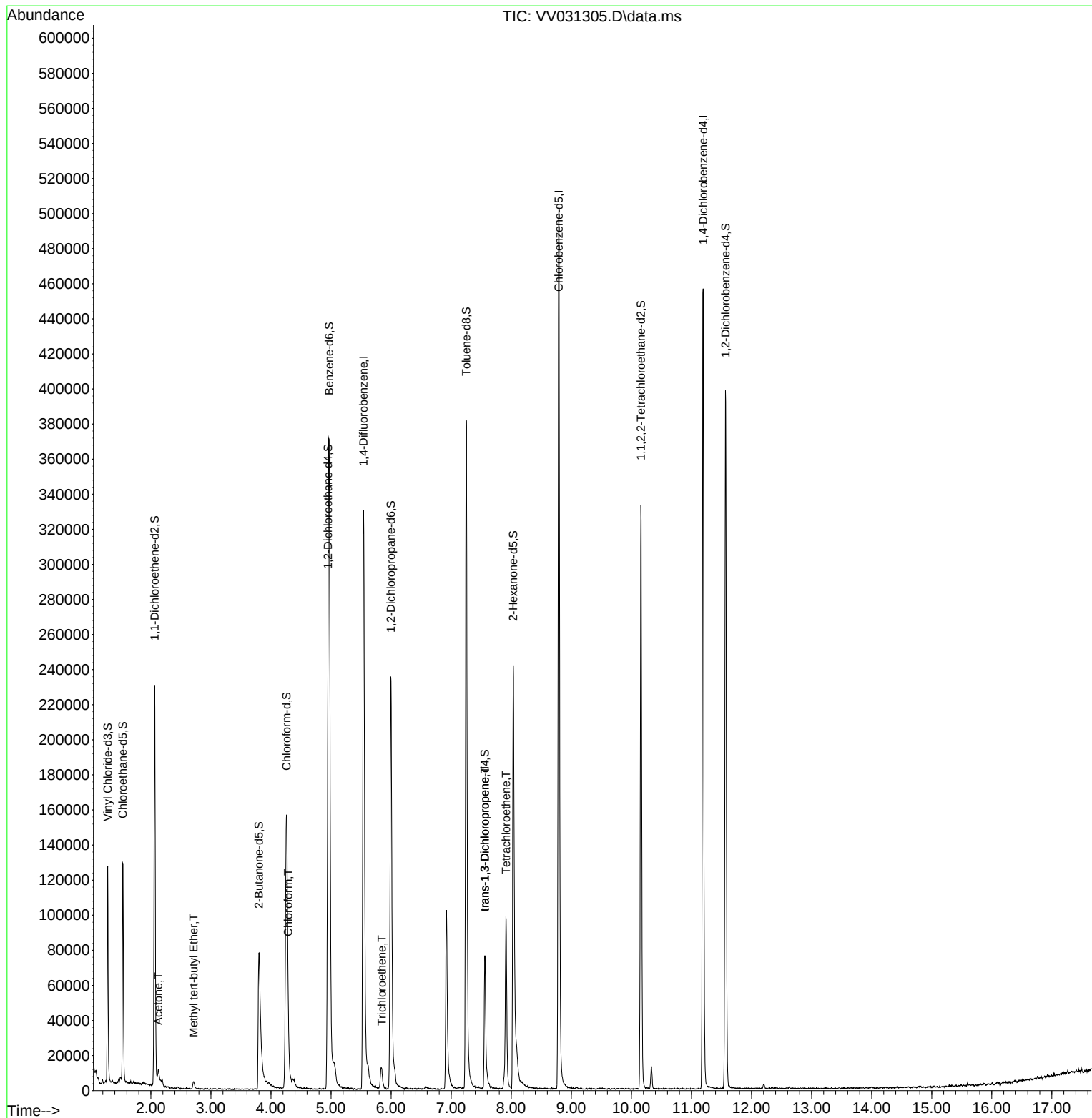
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	273113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	263383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	82195	35.215	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.440%		
7) Chloroethane-d5	1.532	69	78270	43.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.060%		
11) 1,1-Dichloroethene-d2	2.063	65	40562	37.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.120%		
21) 2-Butanone-d5	3.799	46	138646	111.478	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.480%		
24) Chloroform-d	4.259	84	170304	41.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.480%		
26) 1,2-Dichloroethane-d4	4.950	65	121276	43.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.920%		
32) Benzene-d6	4.966	84	307131	43.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
36) 1,2-Dichloropropane-d6	5.995	67	121703	56.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	113.940%		
41) Toluene-d8	7.249	98	258109	38.732	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.460%#		
43) trans-1,3-Dichloroprop...	7.561	79	48995	45.711	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.420%		
47) 2-Hexanone-d5	8.034	63	79873	95.890	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.890%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	163180	50.926	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.860%		
66) 1,2-Dichlorobenzene-d4	11.570	152	97204	49.306	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.620%		
Target Compounds					Qvalue	
13) Acetone	2.124	43	7550	4.669	ug/L	87
18) Methyl tert-butyl Ether	2.712	73	3639	0.672	ug/L #	69
25) Chloroform	4.285	83	11855	3.320	ug/L	93
34) Trichloroethene	5.847	95	1609	0.952	ug/L	87
44) trans-1,3-Dichloropropene	7.561	75	2204	0.814	ug/L	96
46) Tetrachloroethene	7.915	164	20255	13.952	ug/L	93

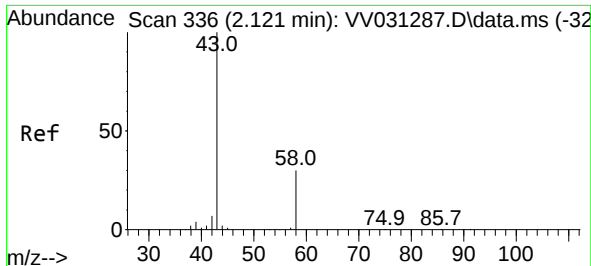
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#13

Acetone

Concen: 4.669 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031305.D

Acq: 31 May 2023 18:38

Instrument :

MSVOA_V

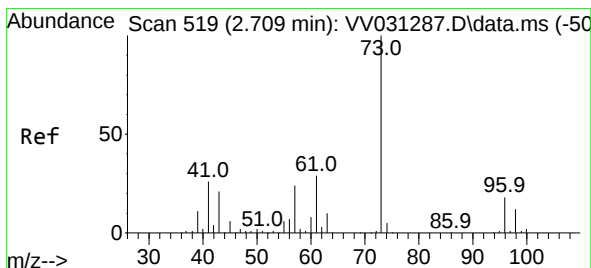
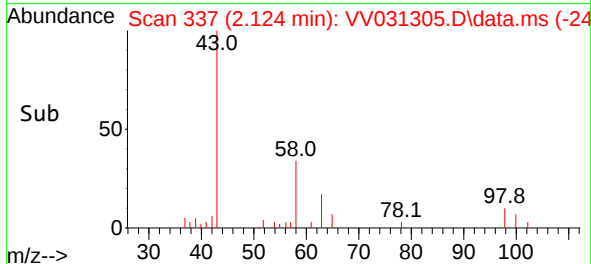
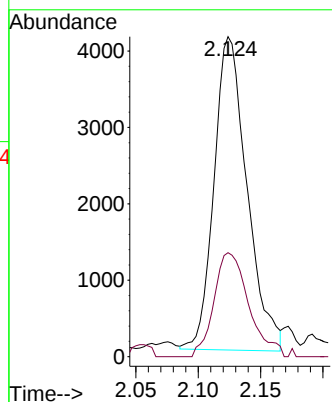
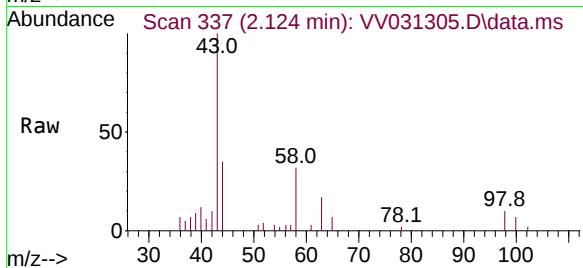
ClientSampleId :

Tgt Ion: 43 Resp: 7550

Ion Ratio Lower Upper

43 100

58 33.7 0.0 54.0



#18

Methyl tert-butyl Ether

Concen: 0.672 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.003 min

Lab File: VV031305.D

Acq: 31 May 2023 18:38

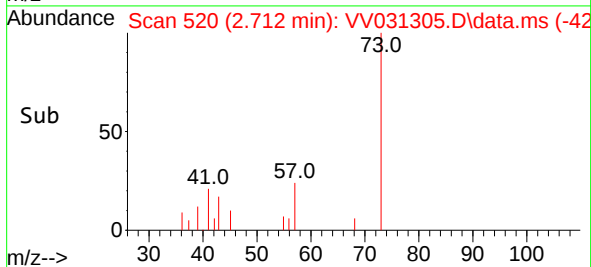
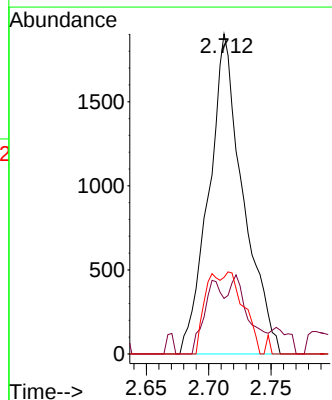
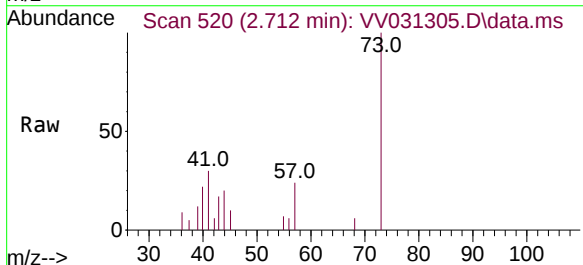
Tgt Ion: 73 Resp: 3639

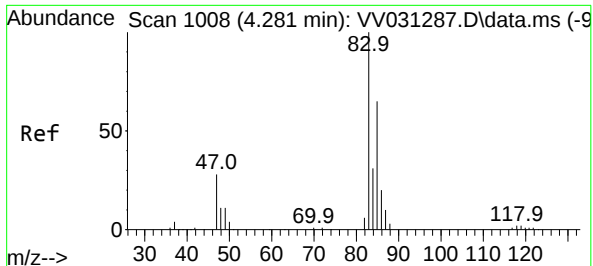
Ion Ratio Lower Upper

73 100

43 15.2 19.4 29.2#

57 0.0 17.1 25.7#





#25

Chloroform

Concen: 3.320 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

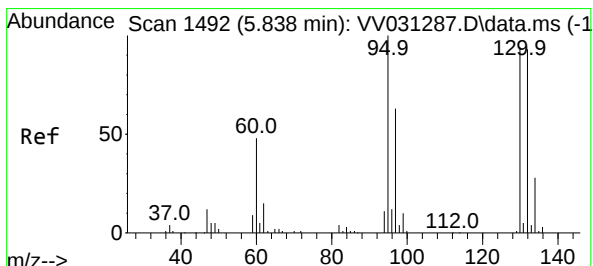
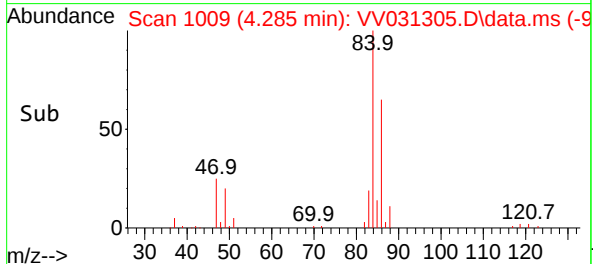
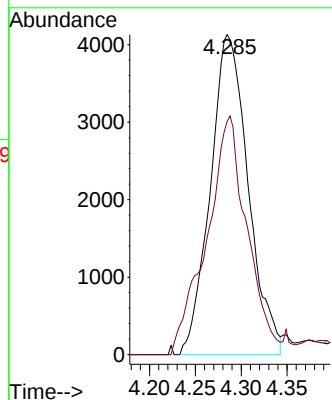
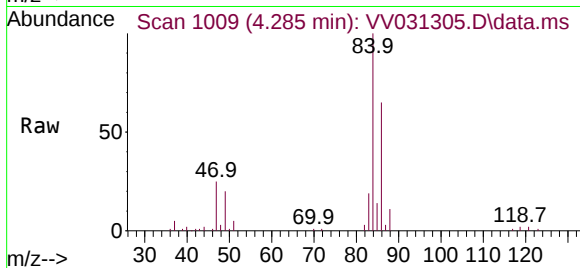
ClientSampleId :

Tgt Ion: 83 Resp: 11855

Ion Ratio Lower Upper

83 100

85 72.9 47.3 87.9



#34

Trichloroethene

Concen: 0.952 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031305.D

Acq: 31 May 2023 18:38

Tgt Ion: 95 Resp: 1609

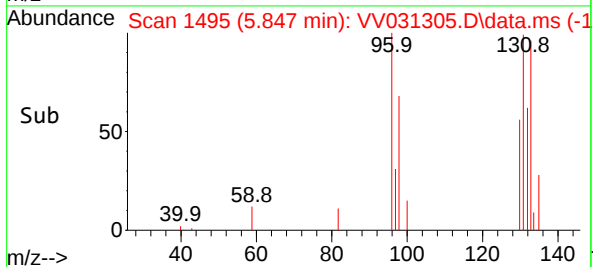
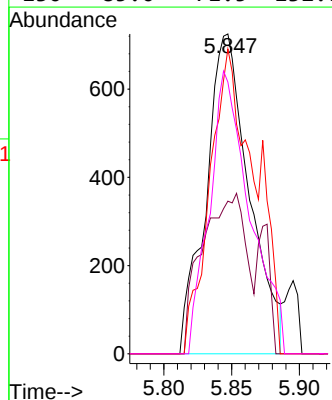
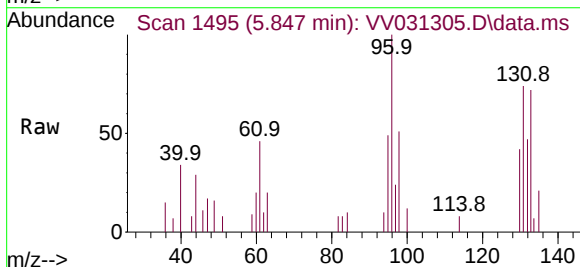
Ion Ratio Lower Upper

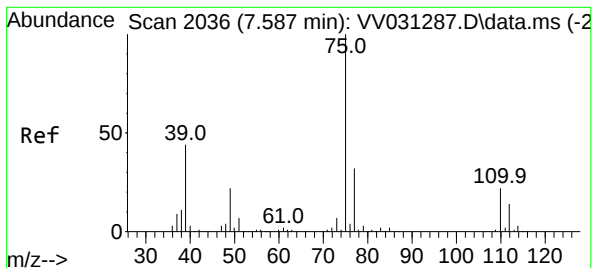
95 100

97 47.7 44.4 82.5

132 95.3 70.2 130.4

130 85.0 71.5 132.7





#44

trans-1,3-Dichloropropene

Concen: 0.814 ug/L

RT: 7.561 min Scan# 2036

Delta R.T. -0.026 min

Lab File: VV031305.D

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Instrument :

MSVOA_V

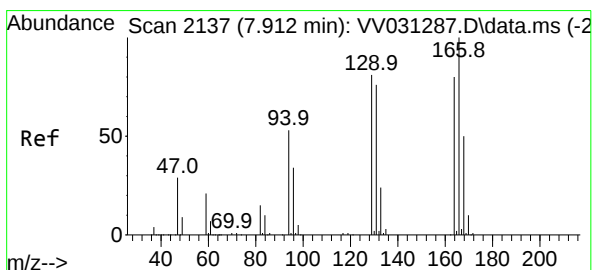
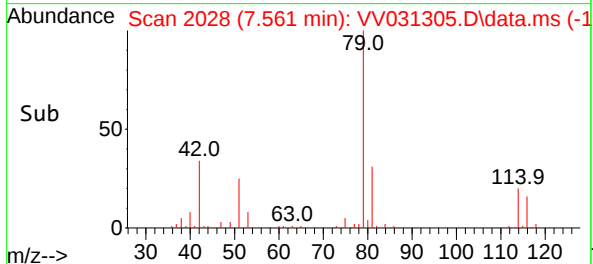
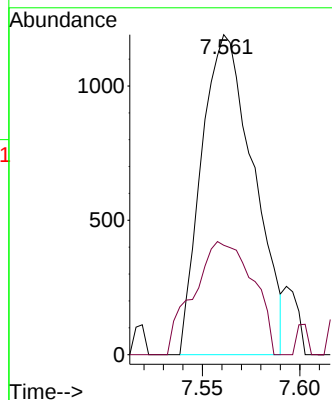
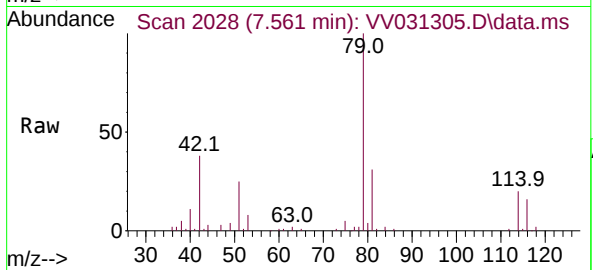
ClientSampleId :

Tgt Ion: 75 Resp: 2204

Ion Ratio Lower Upper

75 100

77 34.2 22.2 41.2



#46

Tetrachloroethene

Concen: 13.952 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031305.D

Acq: 31 May 2023 18:38

Tgt Ion:164 Resp: 20255

Ion Ratio Lower Upper

164 100

129 104.6 65.5 121.7

131 98.3 62.1 115.3

166 134.3 93.4 173.4

