

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037053.D
 Acq On : 27 Aug 2024 01:25
 Operator : SY/MD
 Sample : P3691-08
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 04:19:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

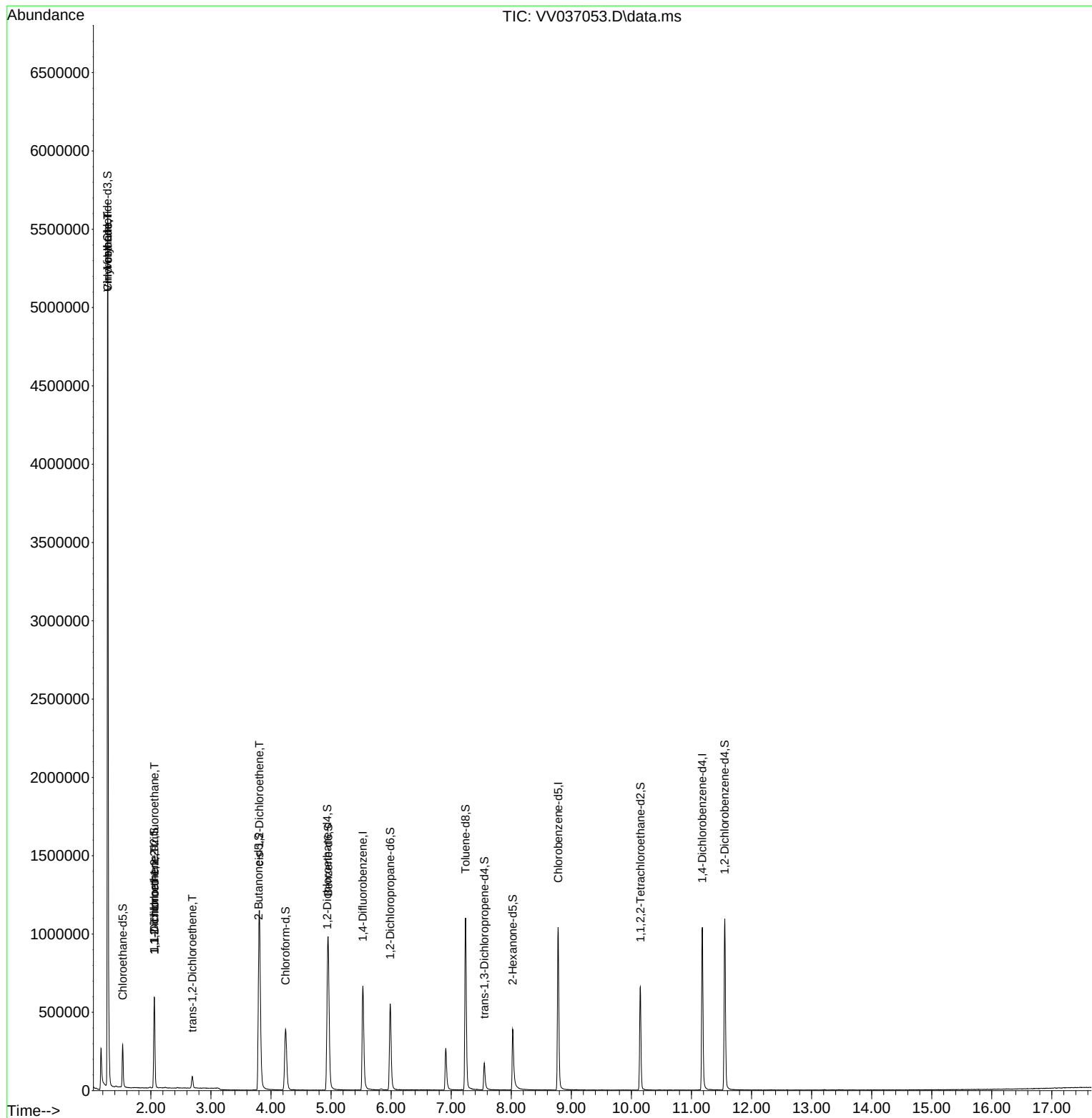
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	572036	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	558183	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	263044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	245689	46.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.900%
7) Chloroethane-d5	1.532	69	183983	45.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.980%
11) 1,1-Dichloroethene-d2	2.056	65	98014	44.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.140%
21) 2-Butanone-d5	3.793	46	217922	107.542	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.540%
24) Chloroform-d	4.243	84	410948	50.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	4.937	65	263595	51.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
32) Benzene-d6	4.953	84	834576	49.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.986	67	267235	50.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.220%
41) Toluene-d8	7.240	98	726748	47.763	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.520%
43) trans-1,3-Dichloroprop...	7.551	79	101935	41.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.460%
47) 2-Hexanone-d5	8.024	63	137146	95.164	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	325213	50.780	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.560%
66) 1,2-Dichlorobenzene-d4	11.555	152	272751	51.773	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.540%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	3391240	664.495	ug/L	99
8) Chloroethane	1.282	64	1122881	359.710	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2845	0.718	ug/L #	25
12) 1,1-Dichloroethene	2.060	96	3355	0.899	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	26619	6.871	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	572188	133.654	ug/L	99

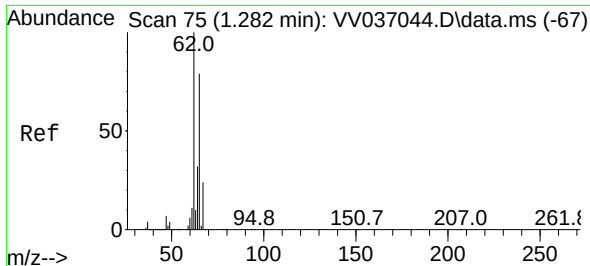
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 664.495 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037053.D

Acq: 27 Aug 2024 01:25

Instrument :

MSVOA_V

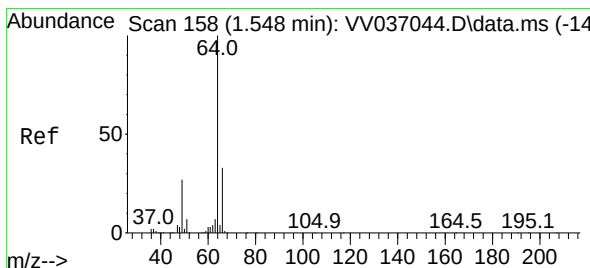
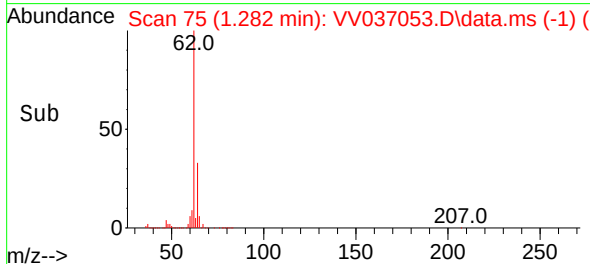
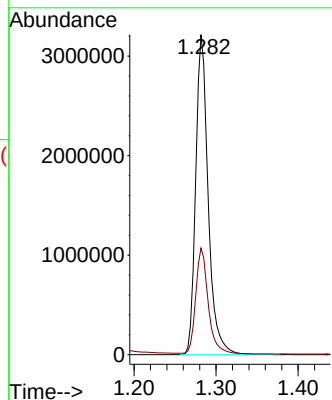
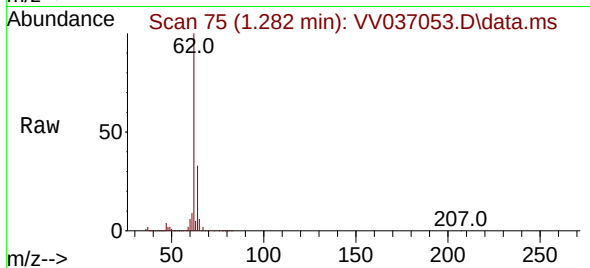
ClientSampleId :

Tgt Ion: 62 Resp: 3391240

Ion Ratio Lower Upper

62 100

64 33.3 22.8 42.4



#8

Chloroethane

Concen: 359.710 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.267 min

Lab File: VV037053.D

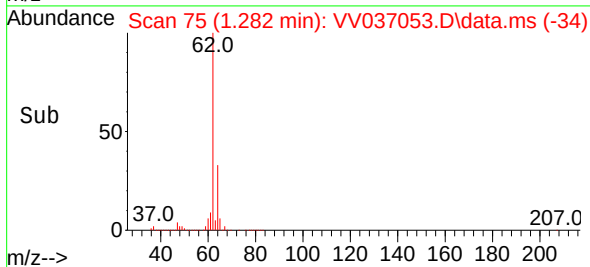
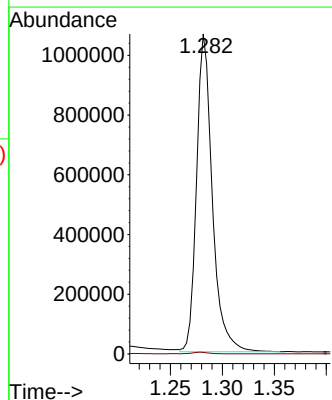
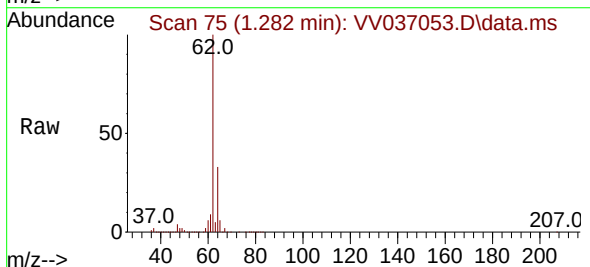
Acq: 27 Aug 2024 01:25

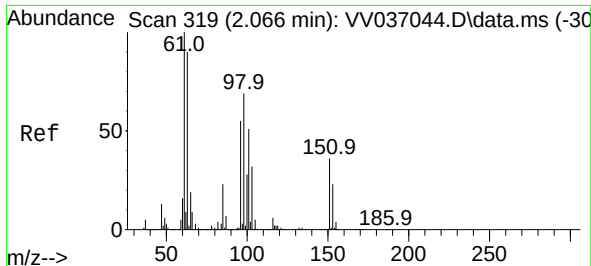
Tgt Ion: 64 Resp: 1122881

Ion Ratio Lower Upper

64 100

66 0.5 22.8 42.4#

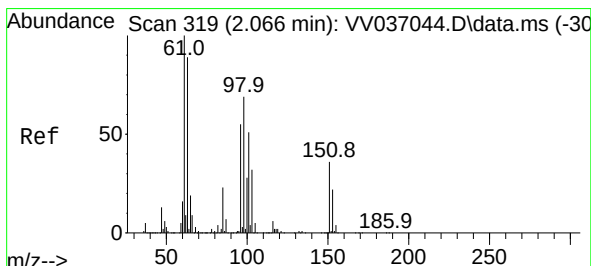
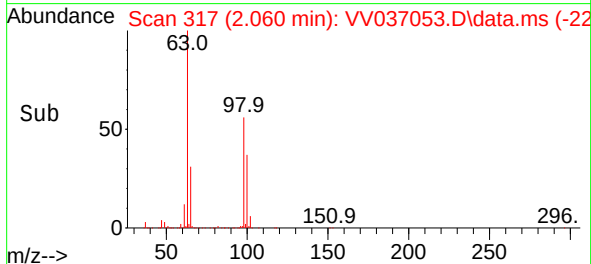
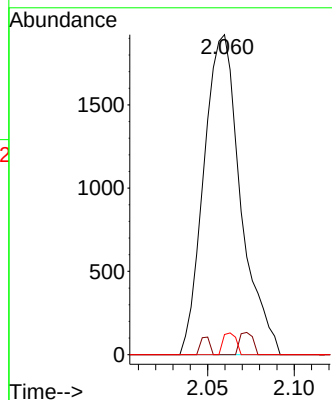
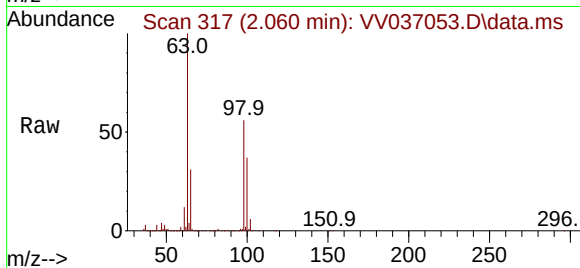




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.718 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037053.D
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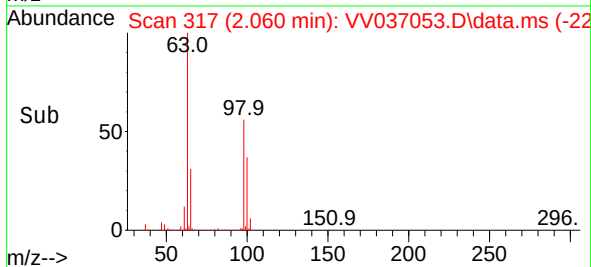
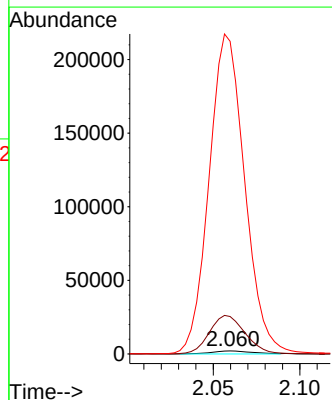
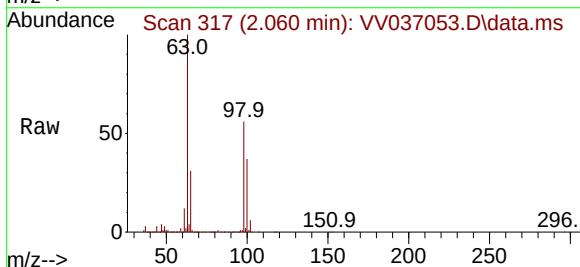
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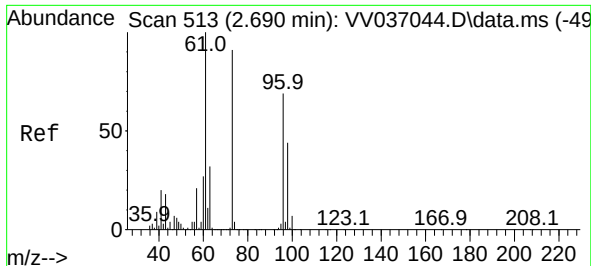
Tgt Ion:101 Resp: 2845
 Ion Ratio Lower Upper
 101 100
 85 2.5 35.6 53.4#
 151 2.4 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 0.899 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037053.D
 Acq: 27 Aug 2024 01:25

Tgt Ion: 96 Resp: 3355
 Ion Ratio Lower Upper
 96 100
 61 1241.8 123.8 229.8#
 63 10368.8 96.5 179.1#

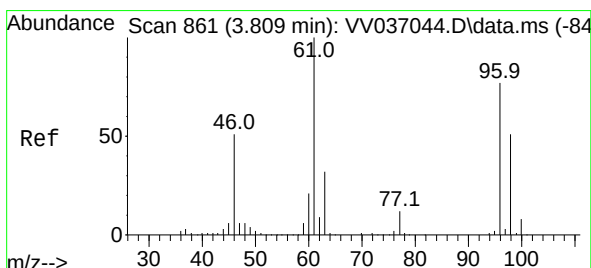
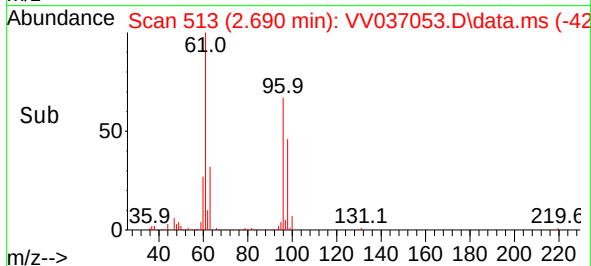
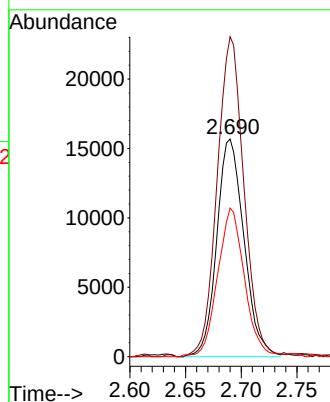
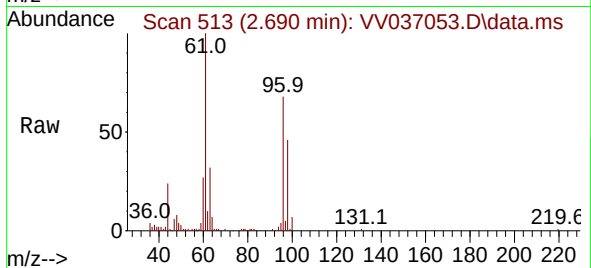




#17
trans-1,2-Dichloroethene
Concen: 6.871 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037053.D
Acq: 27 Aug 2024 01:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 26619
Ion Ratio Lower Upper
96 100
61 147.1 102.3 189.9
98 68.3 44.8 83.2



#20
cis-1,2-Dichloroethene
Concen: 133.654 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037053.D
Acq: 27 Aug 2024 01:25

Tgt Ion: 96 Resp: 572188
Ion Ratio Lower Upper
96 100
61 127.1 89.9 166.9
98 63.1 44.8 83.2

