

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056770.D
 Acq On : 12 Dec 2023 07:01
 Operator : MD/SY
 Sample : 05675-20
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC3

Quant Time: Dec 12 11:04:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

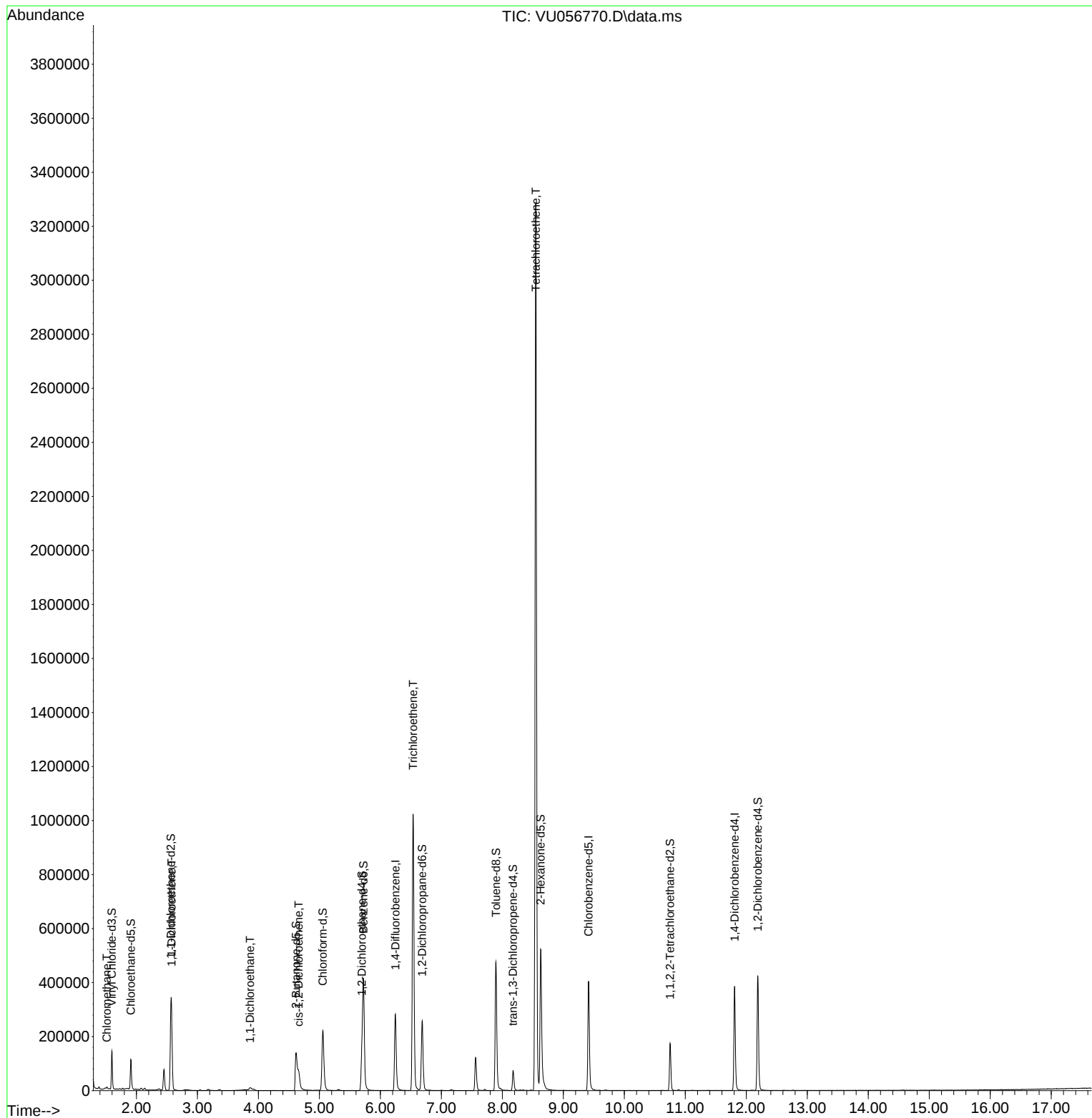
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101146	5.080	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.600%		
7) Chloroethane-d5	1.907	69	82424	5.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.600%		
11) 1,1-Dichloroethene-d2	2.563	65	44630	5.239	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.800%		
20) 2-Butanone-d5	4.615	46	223744	56.901	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 113.800%		
24) Chloroform-d	5.055	84	208513	5.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.600%		
26) 1,2-Dichloroethane-d4	5.695	65	100159	5.614	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.200%		
32) Benzene-d6	5.721	84	400410	5.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
36) 1,2-Dichloropropane-d6	6.685	67	127152	5.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.000%		
41) Toluene-d8	7.894	98	338957	5.083	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
43) trans-1,3-Dichloroprop...	8.174	79	44479	4.912	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.200%		
46) 2-Hexanone-d5	8.627	63	181658	53.188	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 106.380%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87419	5.174	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 103.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	112416	5.575	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	4615	0.193	ug/L	96
12) 1,1-Dichloroethene	2.576	96	64837	3.438	ug/L	87
19) 1,1-Dichloroethane	3.862	63	8587	0.233	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	26104	1.255	ug/L	98
34) Trichloroethene	6.534	95	375418	16.190	ug/L	96
47) Tetrachloroethene	8.547	164	699022	43.075	ug/L	98

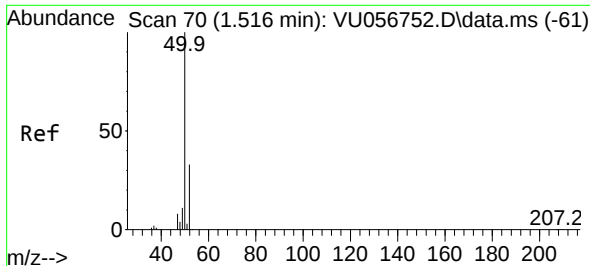
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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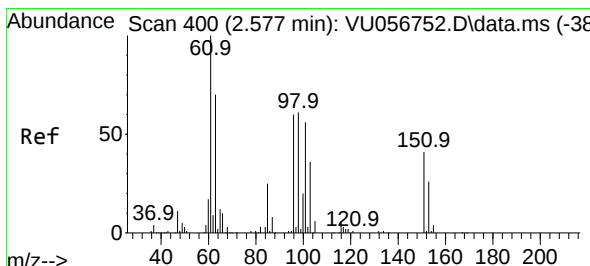
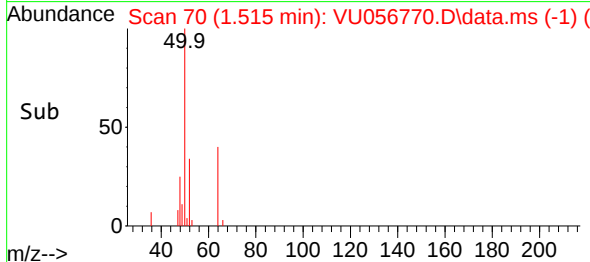
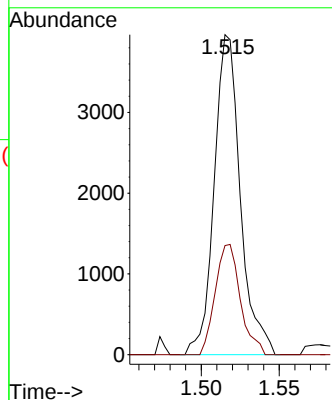
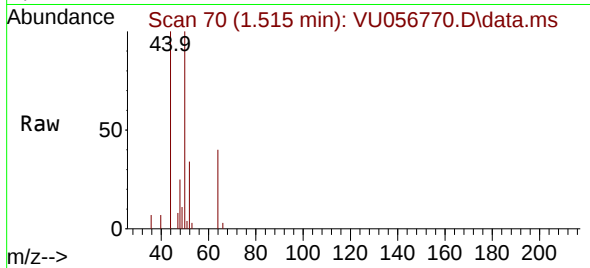




#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

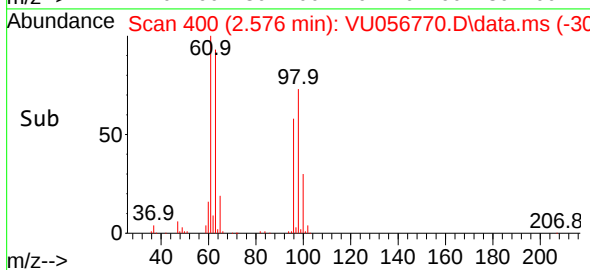
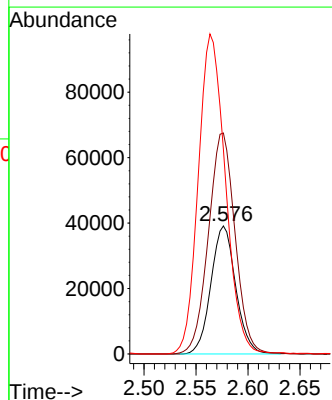
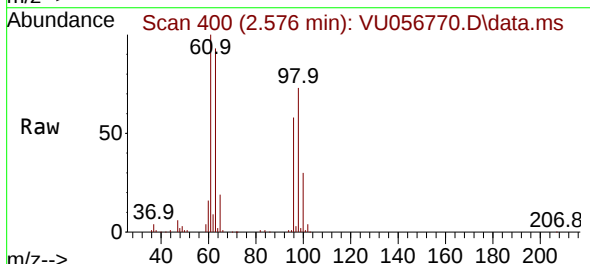
Instrument :
MSVOA_U
ClientSampleId :
H0AC3

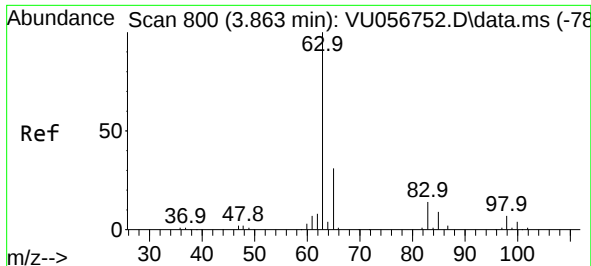
Tgt Ion: 50 Resp: 4615
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.7



#12
1,1-Dichloroethene
Concen: 3.438 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Tgt Ion: 96 Resp: 64837
Ion Ratio Lower Upper
96 100
61 172.5 119.0 221.0
63 159.9 88.7 164.7





#19

1,1-Dichloroethane

Concen: 0.233 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056770.D

Acq: 12 Dec 2023 07:01

Instrument :

MSVOA_U

ClientSampleId :

H0AC3

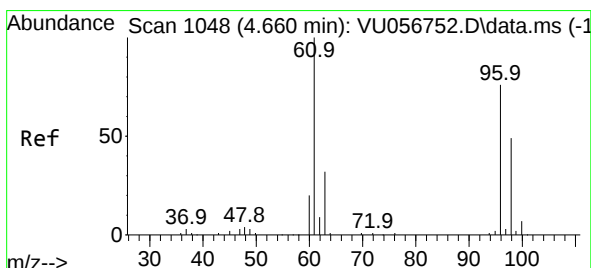
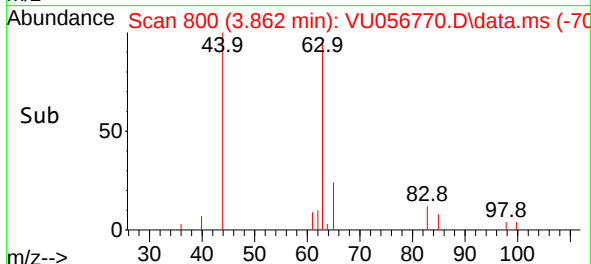
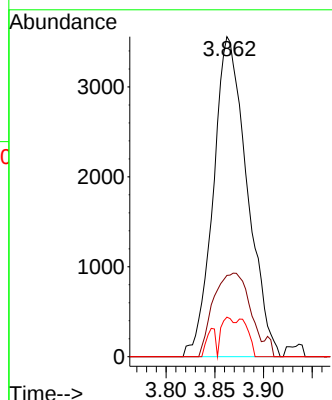
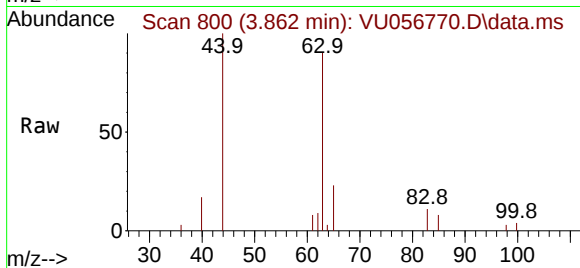
Tgt Ion: 63 Resp: 8587

Ion Ratio Lower Upper

63 100

65 24.5 22.9 42.5

83 11.9 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.255 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056770.D

Acq: 12 Dec 2023 07:01

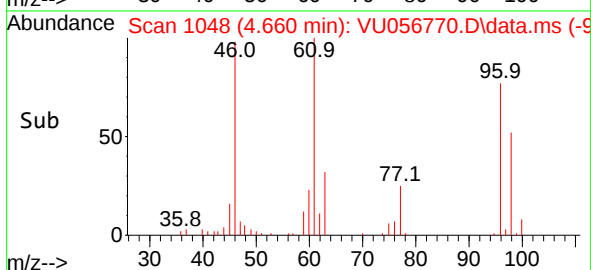
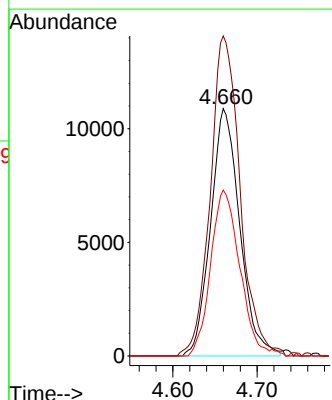
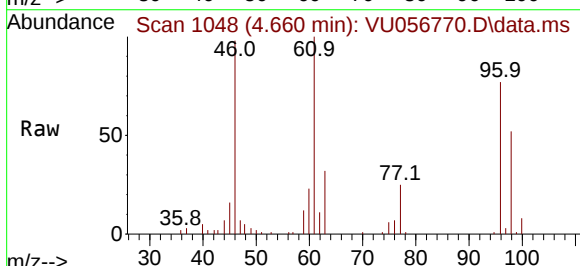
Tgt Ion: 96 Resp: 26104

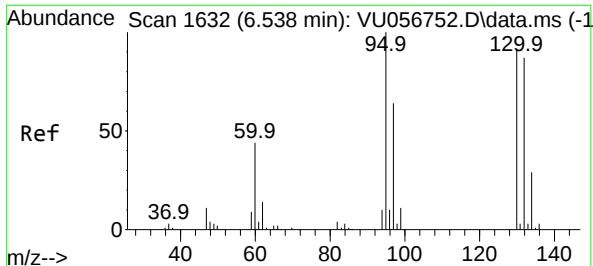
Ion Ratio Lower Upper

96 100

61 129.3 91.3 169.6

98 67.1 44.2 82.0

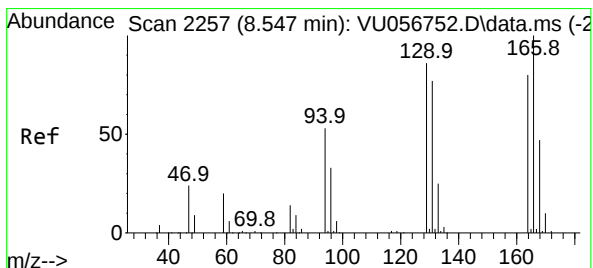
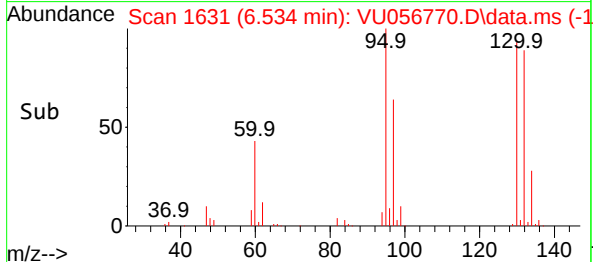
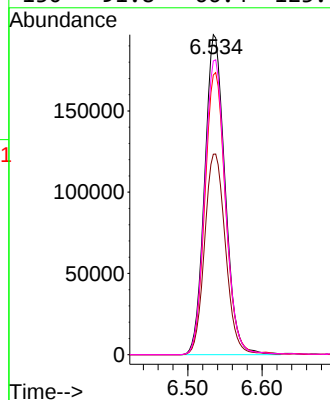
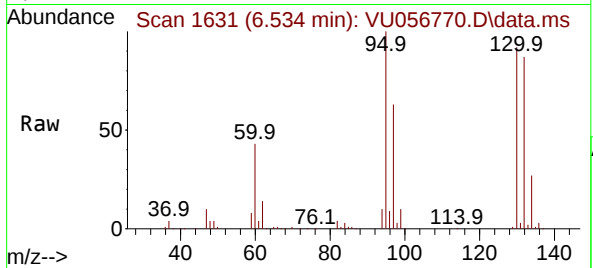




#34
Trichloroethene
Concen: 16.190 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Instrument :
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Tgt Ion: 95 Resp: 375418
Ion Ratio Lower Upper
95 100
97 62.7 46.1 85.5
132 87.4 63.6 118.0
130 91.8 66.4 123.4



#47
Tetrachloroethene
Concen: 43.075 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Tgt Ion: 164 Resp: 699022
Ion Ratio Lower Upper
164 100
129 105.2 73.4 136.4
131 101.4 71.5 132.9
166 128.2 92.7 172.1

