

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030956.D
 Acq On : 01 May 2023 15:26
 Operator : SY/MD
 Sample : 02488-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE63

Quant Time: May 02 01:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

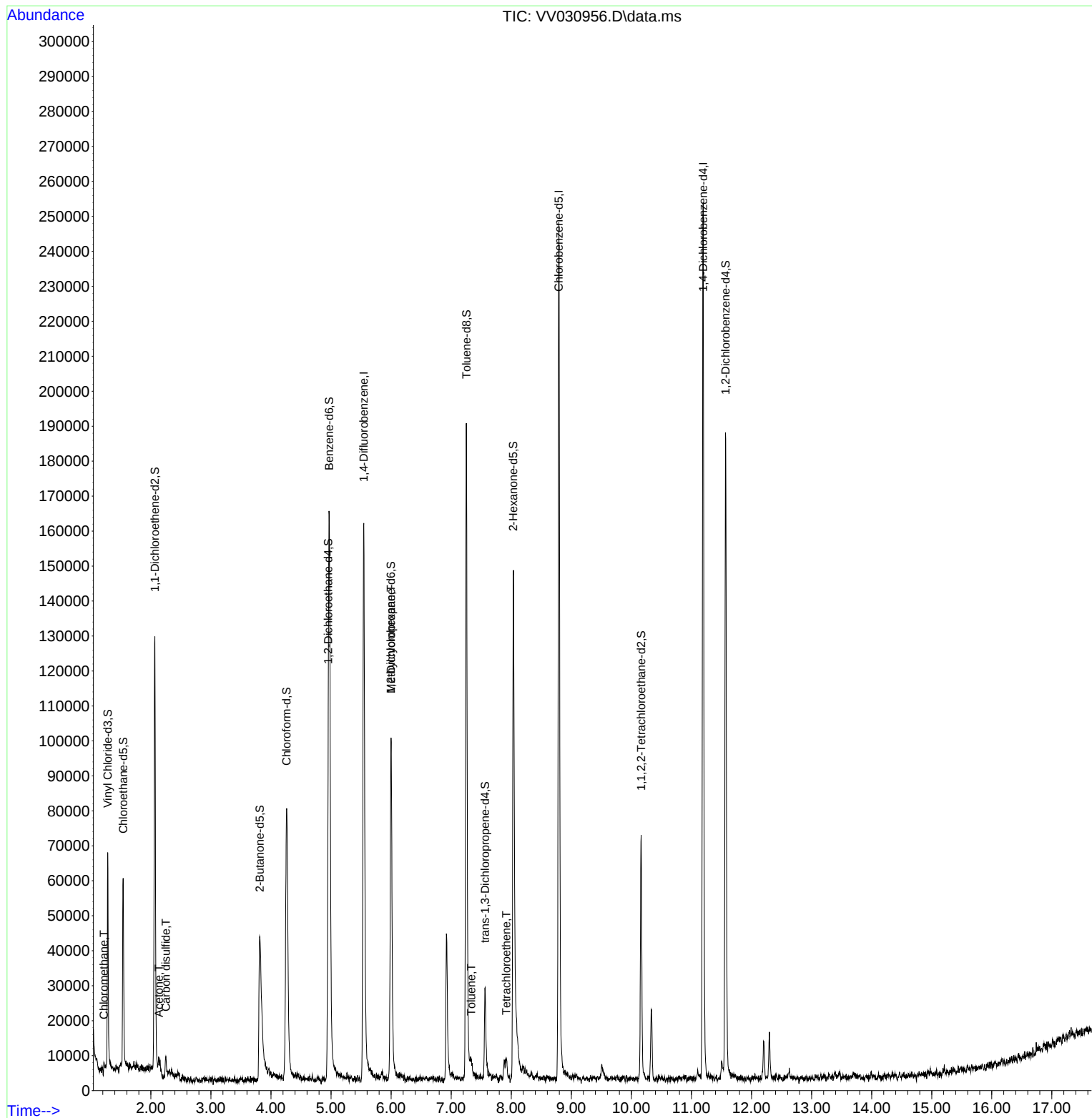
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	137776	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	133473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	40646	3.581	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.539	69	35903	3.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.066	65	21912	3.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.812	46	72933	36.232	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.460%
24) Chloroform-d	4.259	84	82296	3.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
26) 1,2-Dichloroethane-d4	4.954	65	43363	3.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
32) Benzene-d6	4.970	84	140731	3.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	5.998	67	40952	3.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.000%
41) Toluene-d8	7.252	98	123925	3.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.564	79	14934	3.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.034	63	50667	33.911	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.820%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29605	3.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	47945	3.683	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.600%#
Target Compounds						Qvalue
3) Chloromethane	1.221	50	1543	0.121	ug/L #	51
13) Acetone	2.137	43	3664	2.131	ug/L	72
14) Carbon disulfide	2.249	76	6590	0.272	ug/L #	90
35) Methylcyclohexane	5.998	83	11340	0.818	ug/L #	20
42) Toluene	7.333	91	2929	0.081	ug/L	91
47) Tetrachloroethene	7.918	164	1219	0.143	ug/L	92

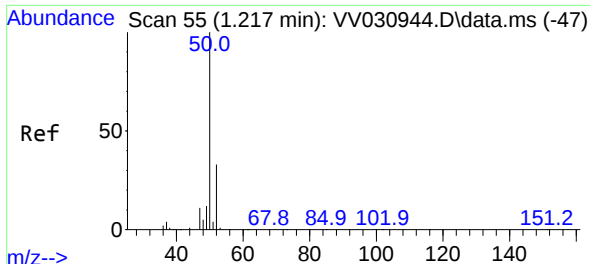
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
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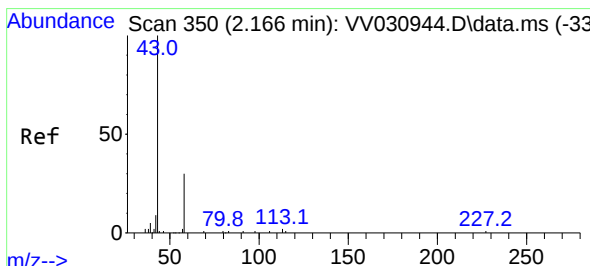
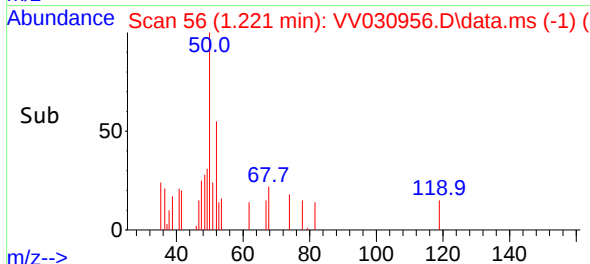
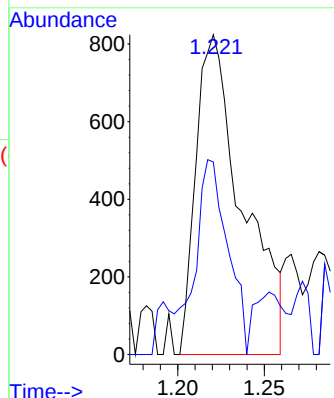
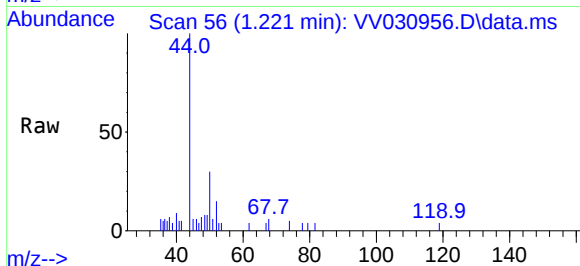




#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.221 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030956.D
Acq: 01 May 2023 15:26

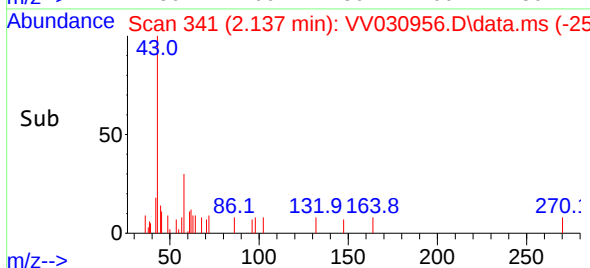
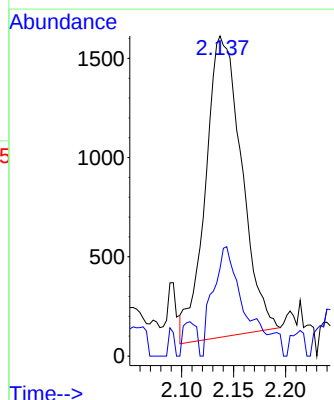
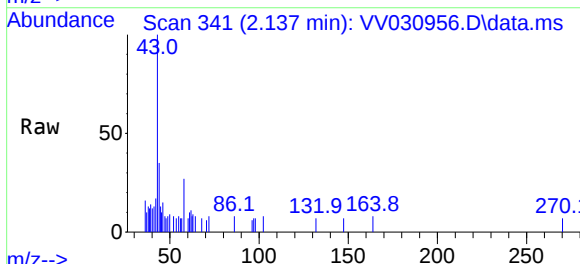
Instrument :
MSVOA_V
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BHE63

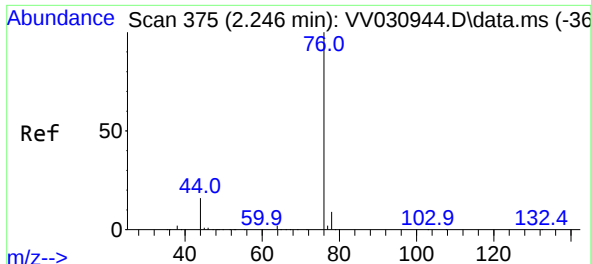
Tgt Ion: 50 Resp: 1543
Ion Ratio Lower Upper
50 100
52 60.2 22.8 42.4#



#13
Acetone
Concen: 2.131 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.022 min
Lab File: VV030956.D
Acq: 01 May 2023 15:26

Tgt Ion: 43 Resp: 3664
Ion Ratio Lower Upper
43 100
58 30.8 0.0 37.0

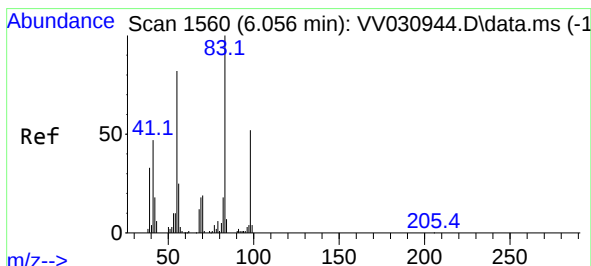
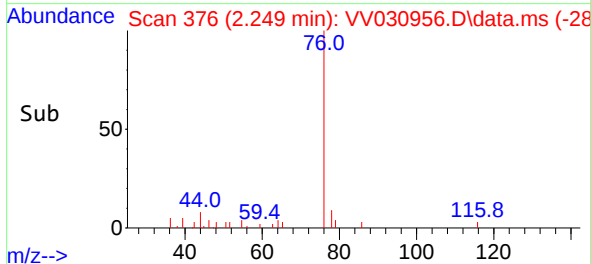
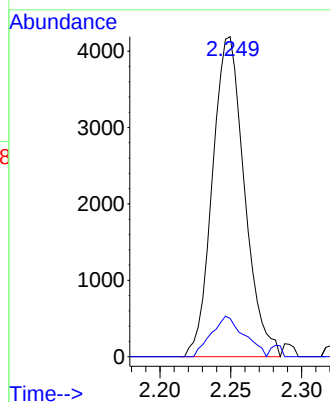
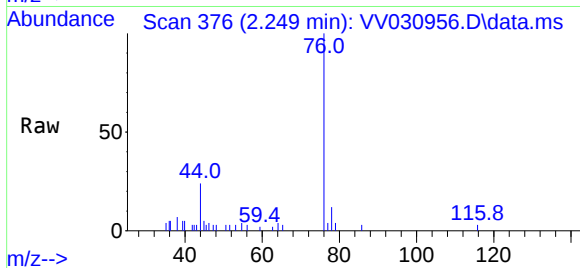




#14
Carbon disulfide
Concen: 0.272 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030956.D
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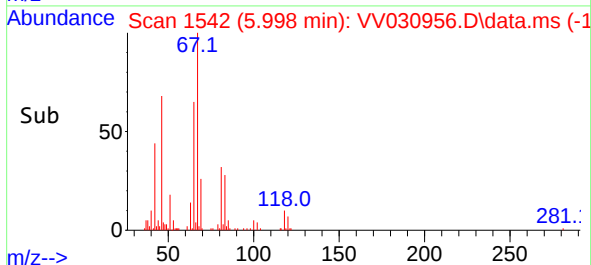
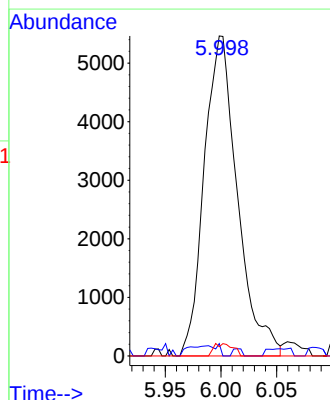
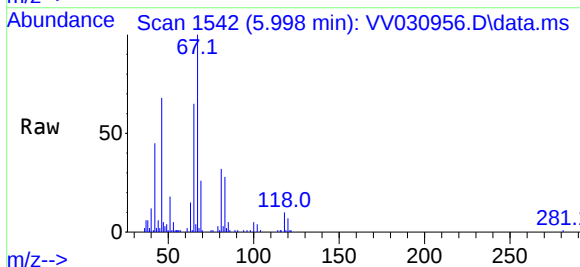
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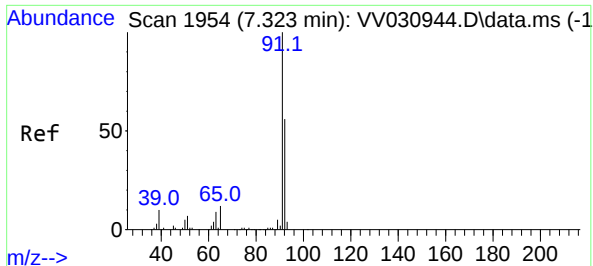
Tgt Ion: 76 Resp: 6590
Ion Ratio Lower Upper
76 100
78 11.9 6.8 10.2#



#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030956.D
Acq: 01 May 2023 15:26

Tgt Ion: 83 Resp: 11340
Ion Ratio Lower Upper
83 100
55 2.9 62.9 94.3#
98 2.2 40.5 60.7#

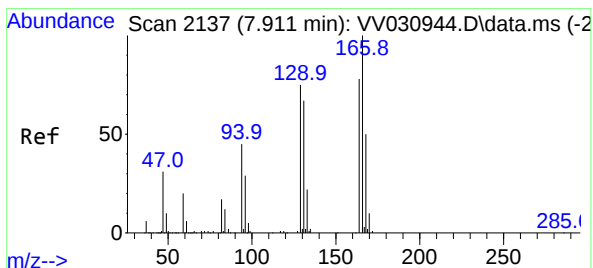
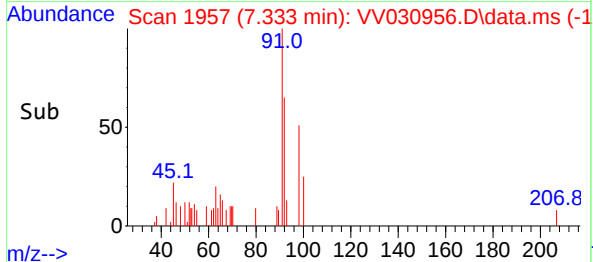
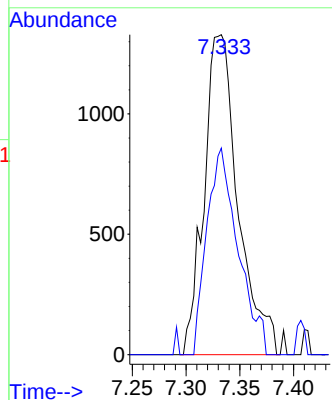
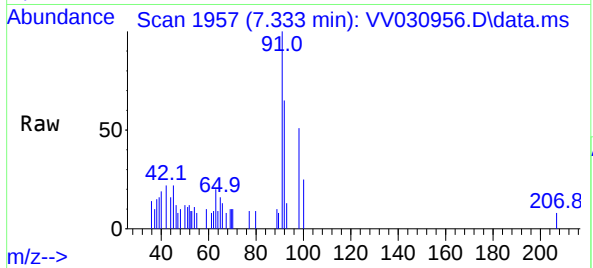




#42
Toluene
Concen: 0.081 ug/L
RT: 7.333 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV030956.D
Acq: 01 May 2023 15:26

Instrument :
MSVOA_V
ClientSampleId :
BHE63

Tgt Ion: 91 Resp: 2929
Ion Ratio Lower Upper
91 100
92 64.6 40.5 75.1



#47
Tetrachloroethene
Concen: 0.143 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VV030956.D
Acq: 01 May 2023 15:26

Tgt Ion: 164 Resp: 1219
Ion Ratio Lower Upper
164 100
129 78.8 60.5 112.3
131 76.9 60.8 112.8
166 129.1 85.9 159.5

