

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
 Data File : VV023480.D
 Acq On : 15 Nov 2021 14:19
 Operator : SY/MD
 Sample : M4616-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

Quant Time: Nov 16 00:32:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

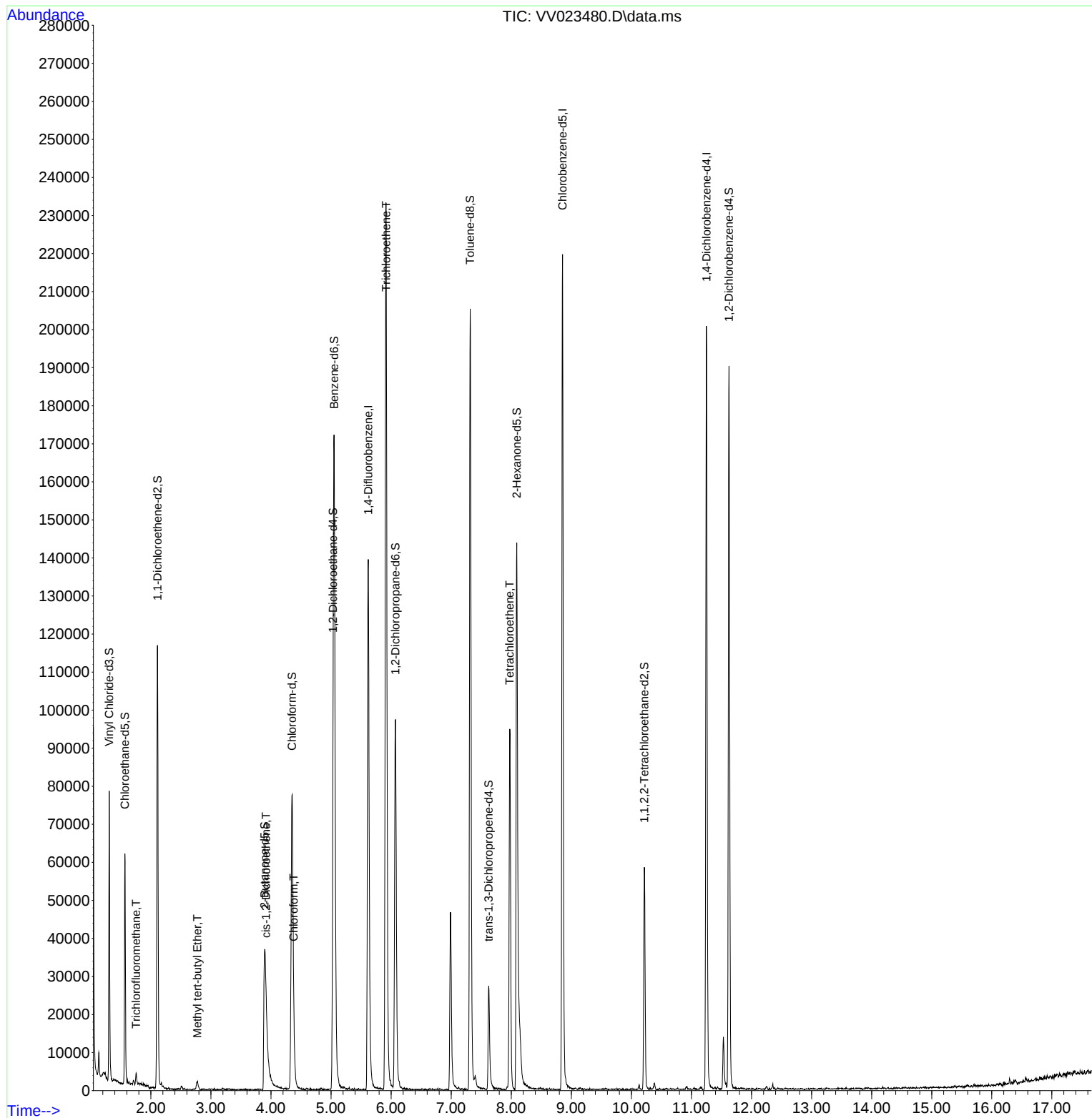
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125866	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45900	5.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.400%
7) Chloroethane-d5	1.568	69	35809	5.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.111	63	60331	4.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.892	46	72000	53.002	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.000%
24) Chloroform-d	4.352	84	77557	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.034	65	38105	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	158575	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.072	67	47234	5.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	138361	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.625	79	16343	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.092	63	45390	34.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28225	4.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	50977	5.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	1485	0.095	ug/L	94
17) Methyl tert-butyl Ether	2.774	73	2296	0.139	ug/L #	86
22) cis-1,2-Dichloroethene	3.915	96	2467	0.278	ug/L #	66
25) Chloroform	4.378	83	5669	0.341	ug/L	96
34) Trichloroethene	5.915	95	80216	8.683	ug/L	98
47) Tetrachloroethene	7.976	164	22617	2.825	ug/L	96

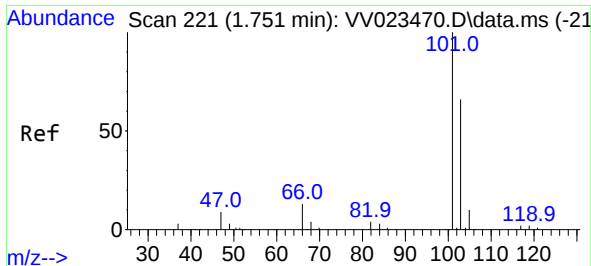
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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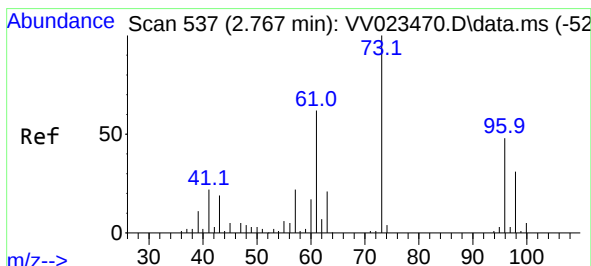
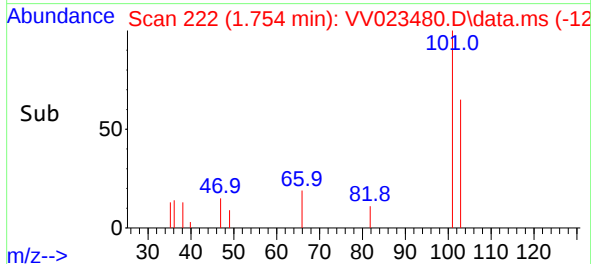
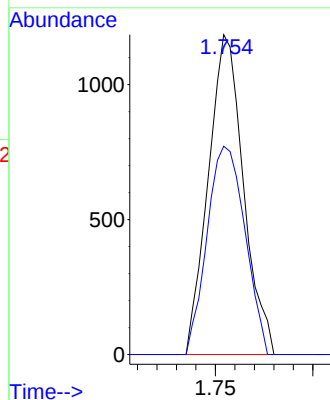
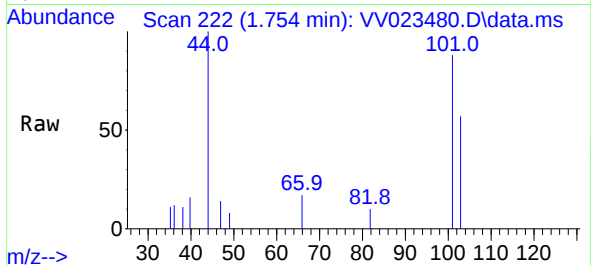




#9
Trichlorofluoromethane
Concen: 0.095 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

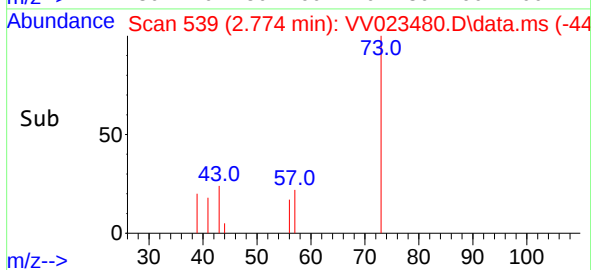
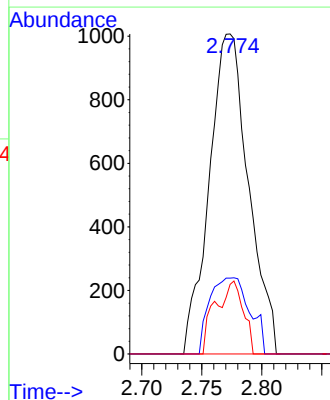
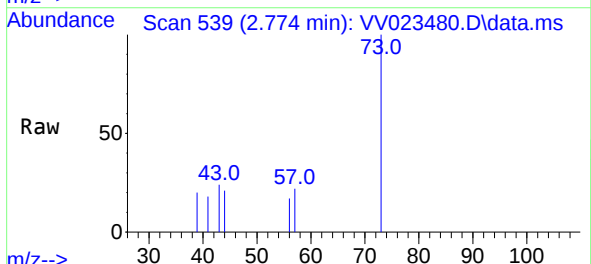
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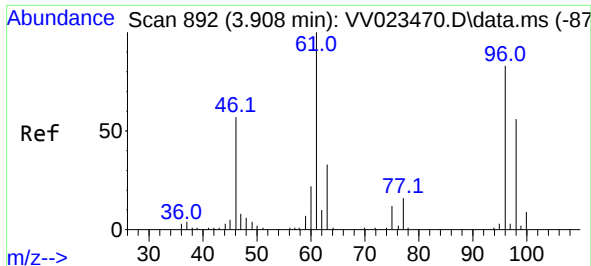
Tgt Ion:101 Resp: 1485
Ion Ratio Lower Upper
101 100
103 70.2 52.6 79.0



#17
Methyl tert-butyl Ether
Concen: 0.139 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.007 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

Tgt Ion: 73 Resp: 2296
Ion Ratio Lower Upper
73 100
43 24.2 17.4 26.0
57 10.0 16.5 24.7#

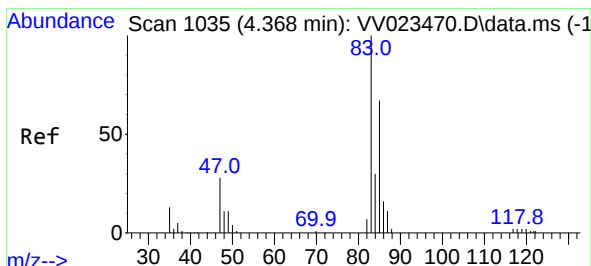
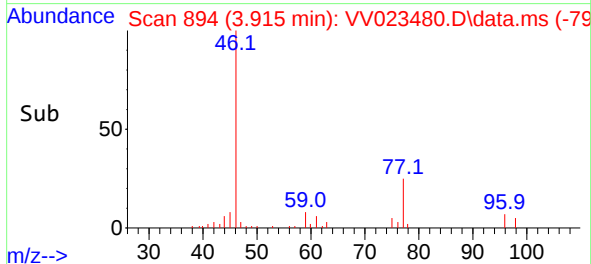
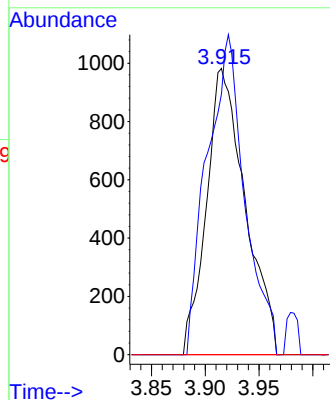
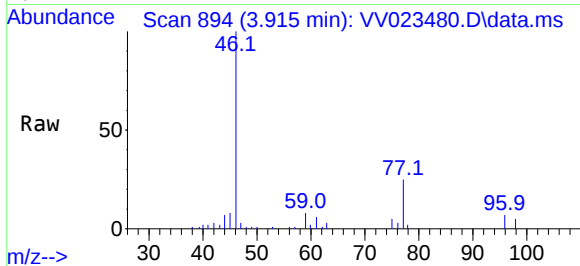




#22
 cis-1,2-Dichloroethene
 Concen: 0.278 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV023480.D
 Acq: 15 Nov 2021 14:19

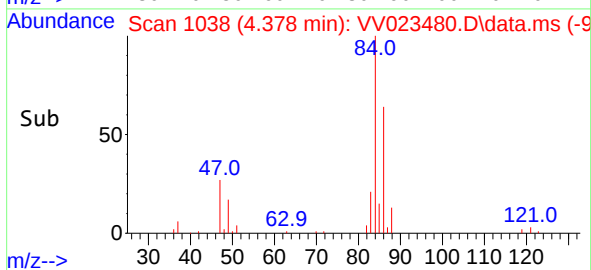
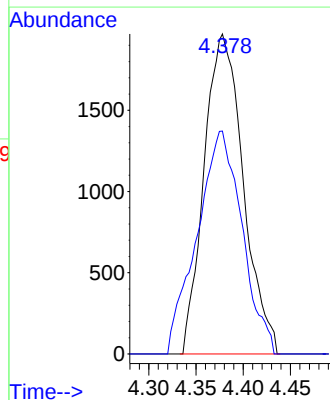
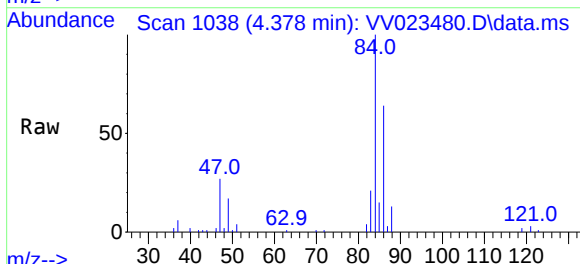
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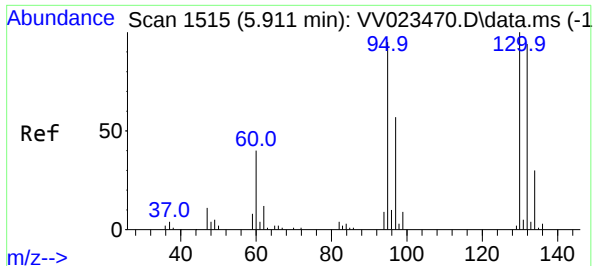
Tgt Ion: 96 Resp: 2467
 Ion Ratio Lower Upper
 96 100
 61 91.1 92.3 171.3#
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.341 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.010 min
 Lab File: VV023480.D
 Acq: 15 Nov 2021 14:19

Tgt Ion: 83 Resp: 5669
 Ion Ratio Lower Upper
 83 100
 85 69.6 46.8 86.8

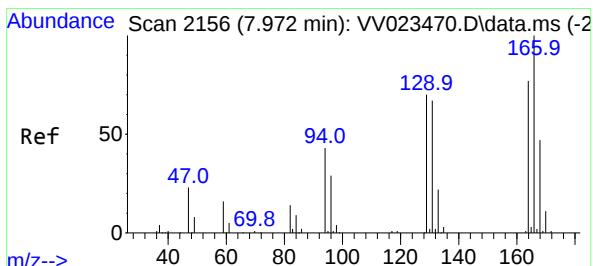
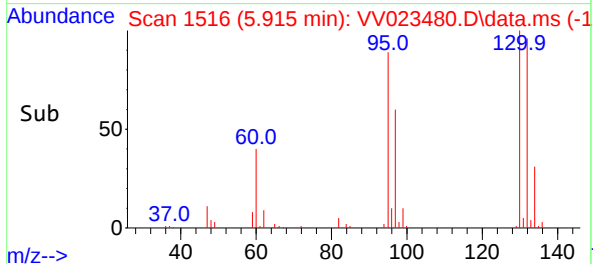
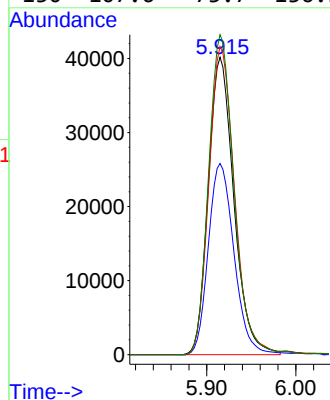
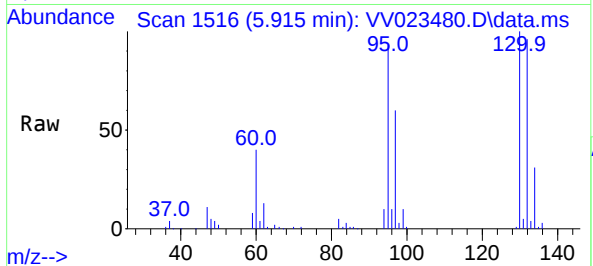




#34
Trichloroethene
Concen: 8.683 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

Instrument :
MSVOA_V
ClientSampleId :
BG1Y8

Tgt Ion: 95 Resp: 80216
Ion Ratio Lower Upper
95 100
97 64.3 45.0 83.6
132 103.6 69.7 129.4
130 107.6 73.7 136.9



#47
Tetrachloroethene
Concen: 2.825 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

Tgt Ion: 164 Resp: 22617
Ion Ratio Lower Upper
164 100
129 94.6 64.0 119.0
131 81.6 63.4 117.8
166 128.6 89.3 165.9

