

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055195.D
 Acq On : 07 Sep 2023 17:50
 Operator : MD/SY
 Sample : 04286-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E1

Quant Time: Sep 08 05:09:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

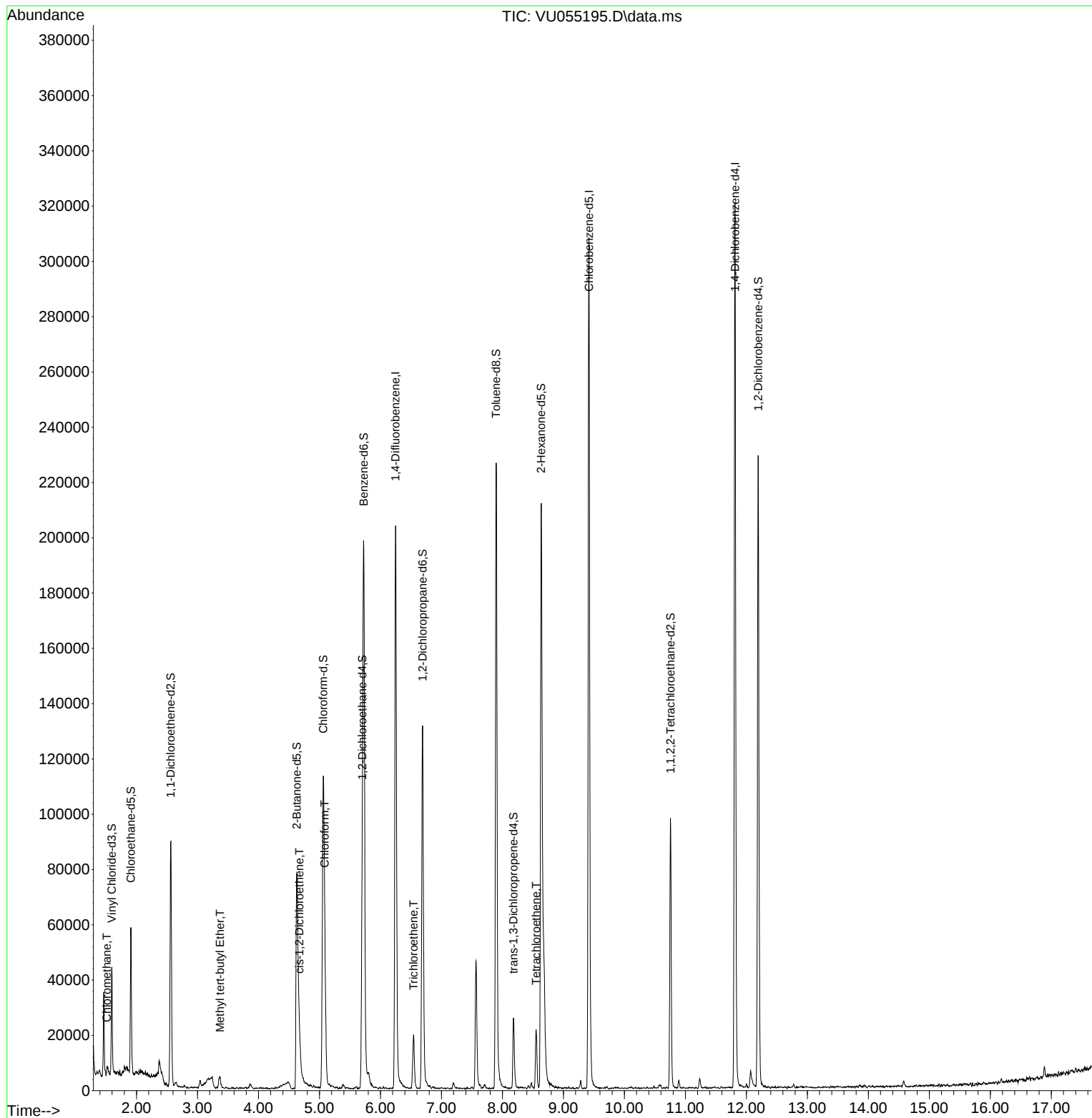
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	160082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	162799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81152	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26080	3.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.907	69	36017	4.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	17006	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.628	46	125098	57.457	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.062	84	95110	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.701	65	51408	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.727	84	179267	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.692	67	63937	5.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.898	98	154598	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.180	79	15100	4.290	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.634	63	64587	45.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.400%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46965	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	55107	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2957	0.312	ug/L	97
17) Methyl tert-butyl Ether	3.370	73	4406	0.227	ug/L	95
22) cis-1,2-Dichloroethene	4.669	96	3812	0.415	ug/L	99
25) Chloroform	5.087	83	35720	2.113	ug/L	100
34) Trichloroethene	6.544	95	5616	0.583	ug/L	90
47) Tetrachloroethene	8.553	164	4491	0.675	ug/L	93

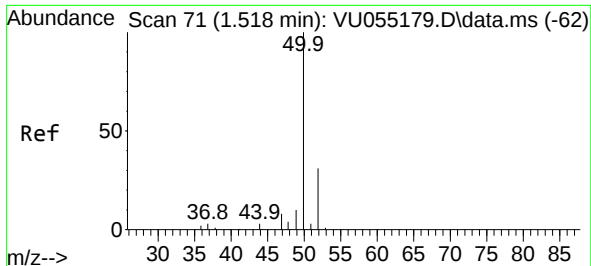
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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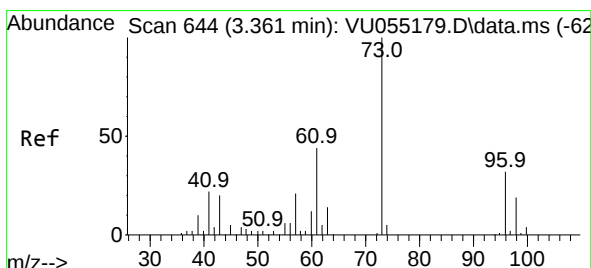
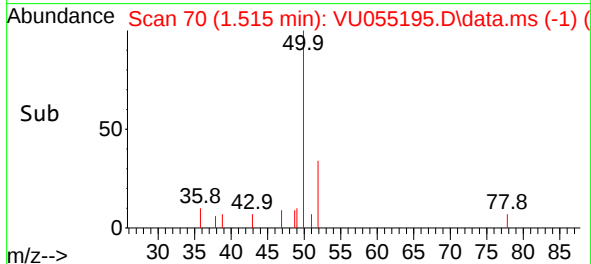
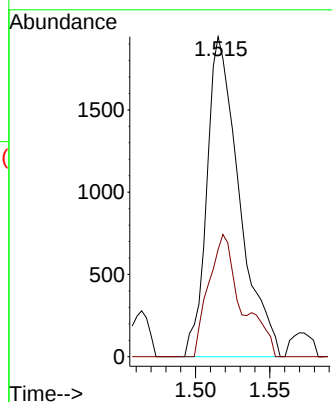
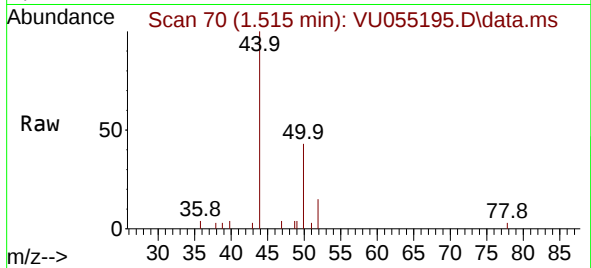




#3
Chloromethane
Concen: 0.312 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU055195.D
Acq: 07 Sep 2023 17:50

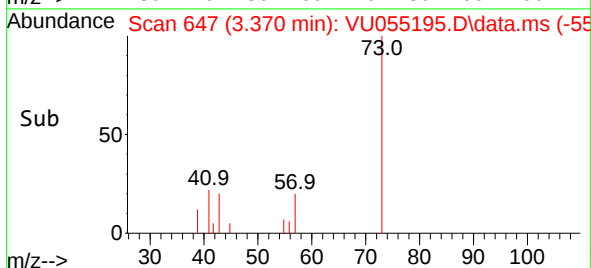
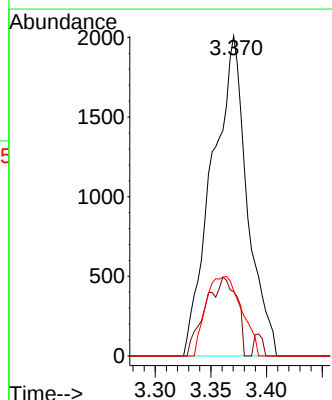
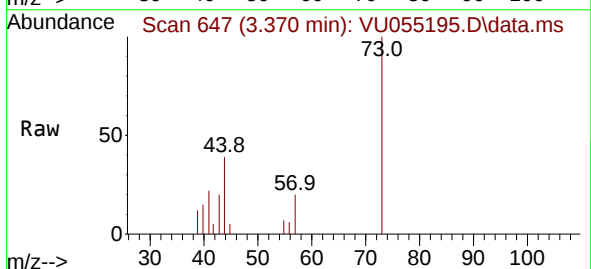
Instrument :
MSVOA_U
ClientSampleId :
BH4E1

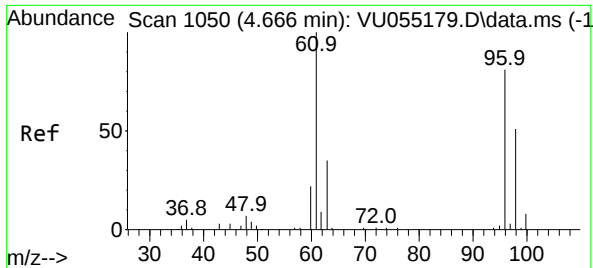
Tgt Ion: 50 Resp: 2957
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.7



#17
Methyl tert-butyl Ether
Concen: 0.227 ug/L
RT: 3.370 min Scan# 647
Delta R.T. 0.010 min
Lab File: VU055195.D
Acq: 07 Sep 2023 17:50

Tgt Ion: 73 Resp: 4406
Ion Ratio Lower Upper
73 100
43 22.0 16.2 24.2
57 25.1 17.4 26.2

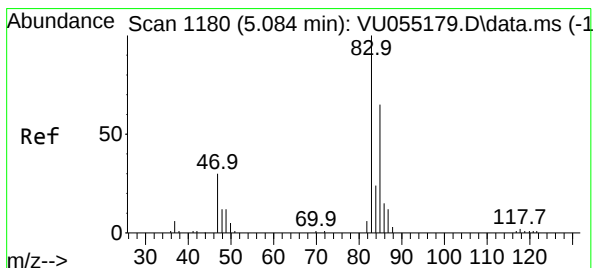
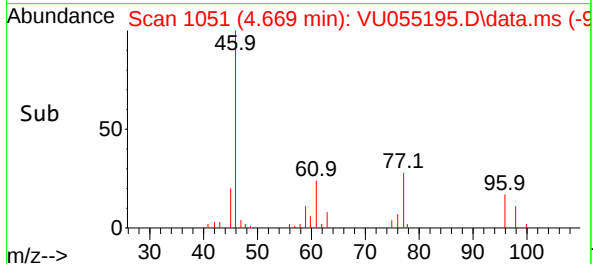
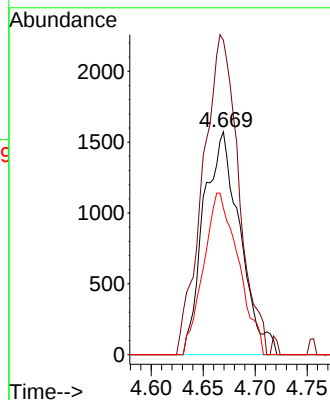
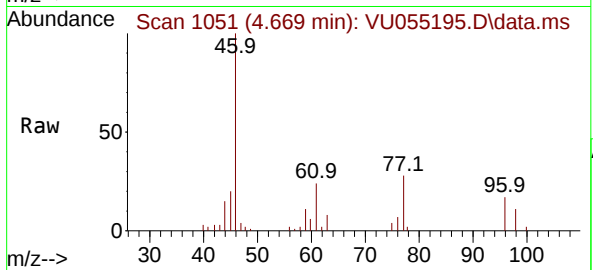




#22
 cis-1,2-Dichloroethene
 Concen: 0.415 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.003 min
 Lab File: VU055195.D
 Acq: 07 Sep 2023 17:50

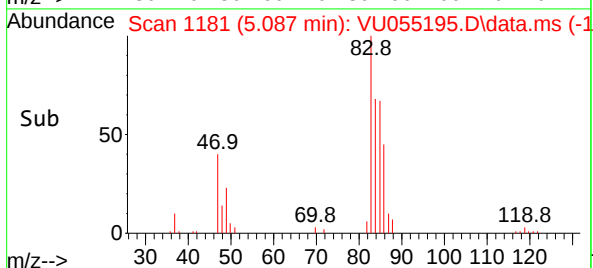
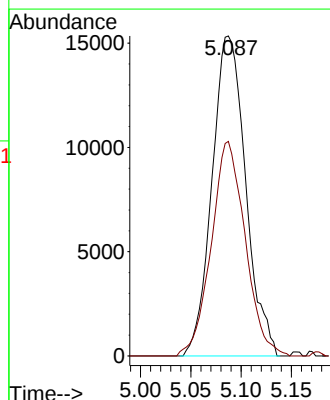
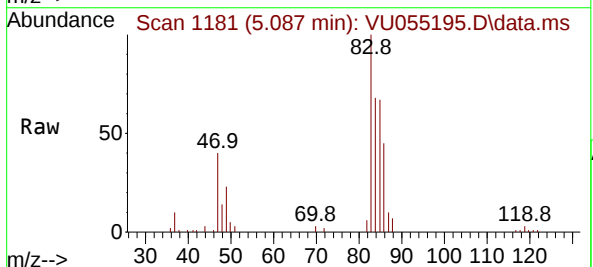
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 BH4E1

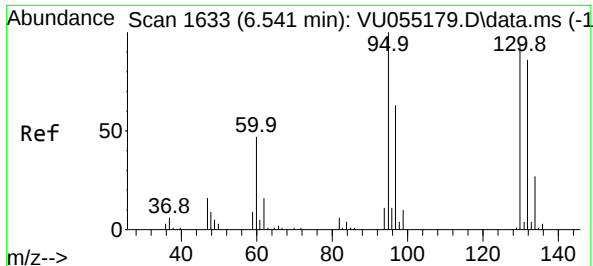
Tgt Ion: 96 Resp: 3812
 Ion Ratio Lower Upper
 96 100
 61 141.2 97.2 180.4
 98 65.7 46.1 85.7



#25
 Chloroform
 Concen: 2.113 ug/L
 RT: 5.087 min Scan# 1181
 Delta R.T. 0.003 min
 Lab File: VU055195.D
 Acq: 07 Sep 2023 17:50

Tgt Ion: 83 Resp: 35720
 Ion Ratio Lower Upper
 83 100
 85 67.0 47.2 87.6





#34

Trichloroethene

Concen: 0.583 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055195.D

Acq: 07 Sep 2023 17:50

Instrument :

MSVOA_U

ClientSampleId :

BH4E1

Tgt Ion: 95 Resp: 5616

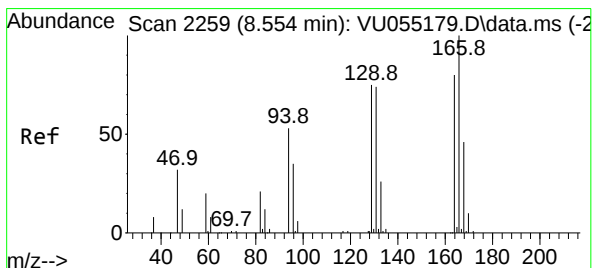
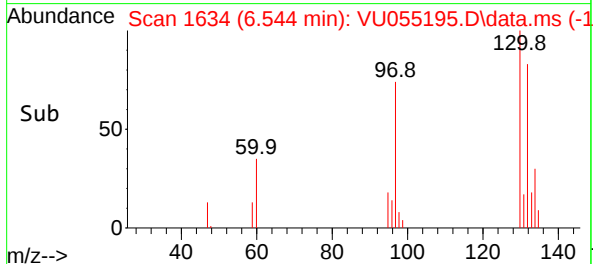
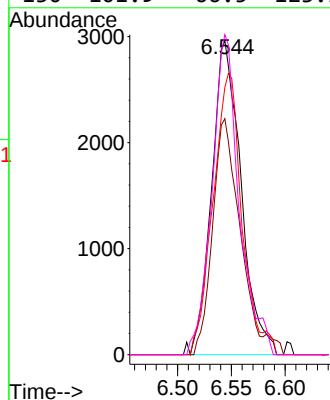
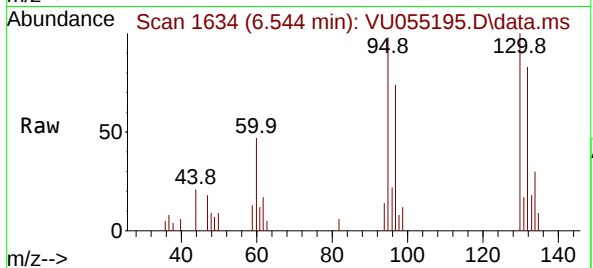
Ion Ratio Lower Upper

95 100

97 75.2 44.7 83.1

132 85.1 66.6 123.6

130 101.9 66.5 123.5



#47

Tetrachloroethene

Concen: 0.675 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU055195.D

Acq: 07 Sep 2023 17:50

Tgt Ion: 164 Resp: 4491

Ion Ratio Lower Upper

164 100

129 112.1 69.2 128.6

131 90.8 68.8 127.8

166 128.7 92.3 171.5

