

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027227.D
 Acq On : 05 Aug 2022 16:07
 Operator : SY/MD
 Sample : N4021-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D66

Quant Time: Aug 06 04:00:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

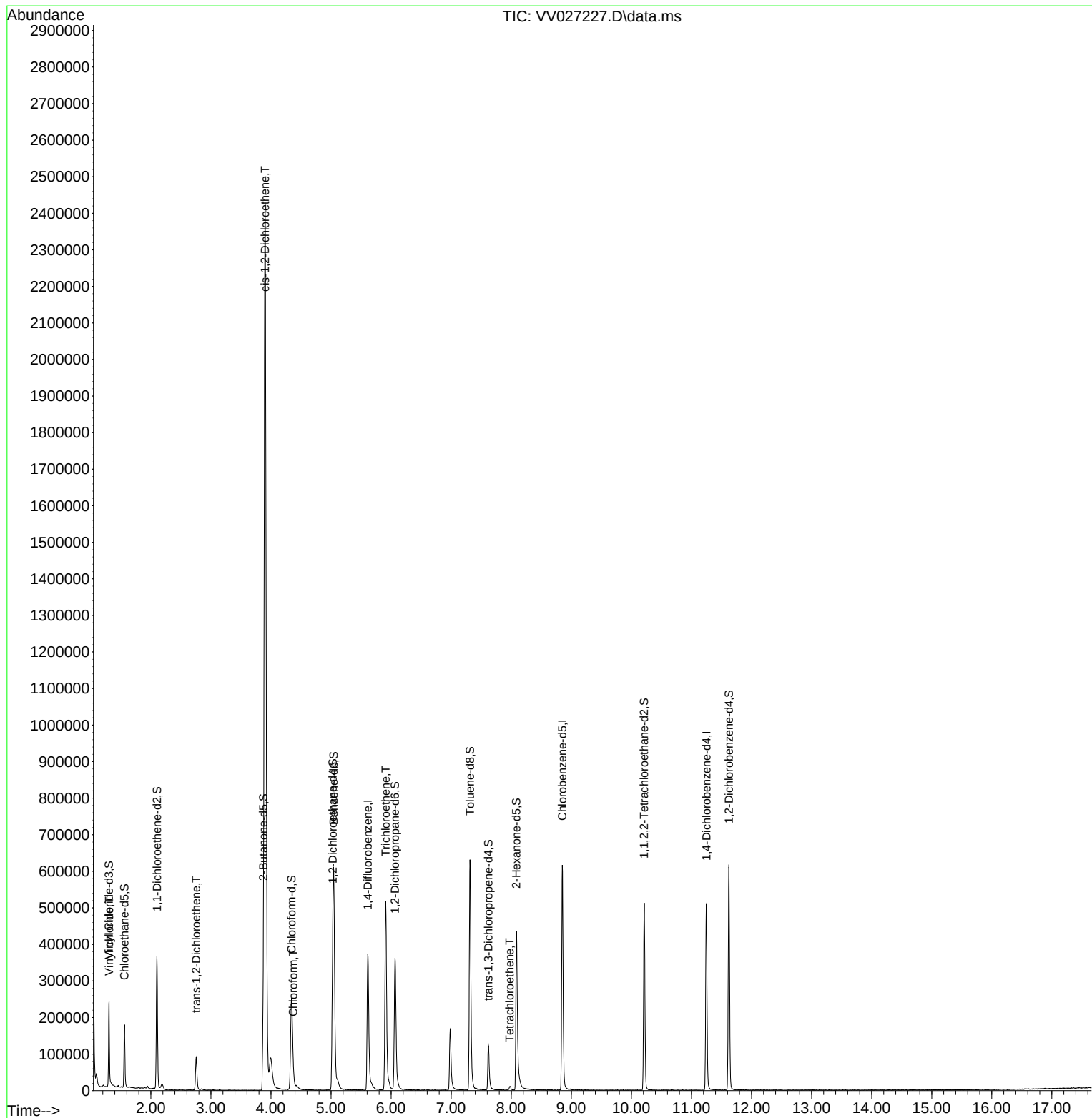
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	319149	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	330337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	145476	66.858	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	133.720%	
7) Chloroethane-d5	1.561	69	114729	72.125	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	144.240%#	
11) 1,1-Dichloroethene-d2	2.101	63	192013	48.244	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.480%	
21) 2-Butanone-d5	3.873	46	213607	110.288	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	110.290%	
24) Chloroform-d	4.342	84	245857	55.161	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	110.320%	
26) 1,2-Dichloroethane-d4	5.027	65	175488	63.415	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	126.840%#	
32) Benzene-d6	5.043	84	534551	67.479	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	134.960%#	
36) 1,2-Dichloropropane-d6	6.066	67	181983	64.581	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	129.160%#	
41) Toluene-d8	7.313	98	429193	63.563	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	127.120%#	
43) trans-1,3-Dichloroprop...	7.619	79	70785	57.631	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	115.260%	
47) 2-Hexanone-d5	8.085	63	140108	103.233	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	103.230%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	246696	53.721	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	107.440%	
66) 1,2-Dichlorobenzene-d4	11.625	152	148851	67.177	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	134.360%#	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.307	62	16091	4.980	ug/L	92
17) trans-1,2-Dichloroethene	2.754	96	33707	13.774	ug/L	91
20) cis-1,2-Dichloroethene	3.902	96	1271292	500.086	ug/L	86
25) Chloroform	4.371	83	19937	4.016	ug/L	95
34) Trichloroethene	5.908	95	187800	69.092	ug/L	94
46) Tetrachloroethene	7.976	164	2293	1.153	ug/L	90

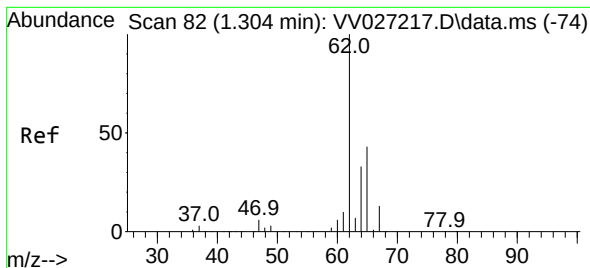
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.980 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027227.D

Acq: 05 Aug 2022 16:07

Instrument :

MSVOA_V

ClientSampleId :

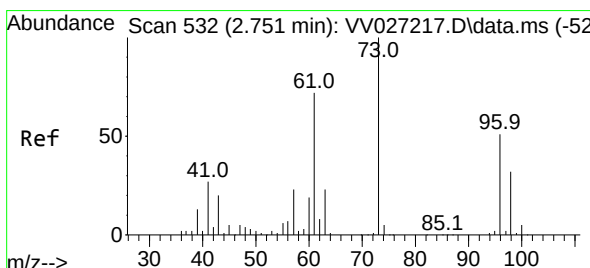
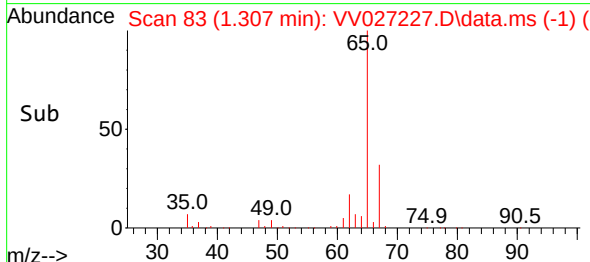
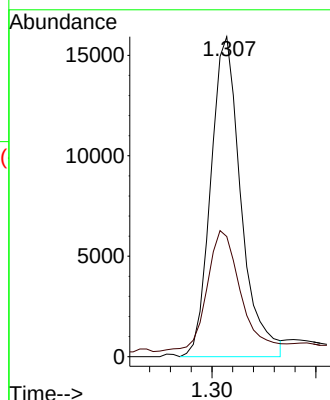
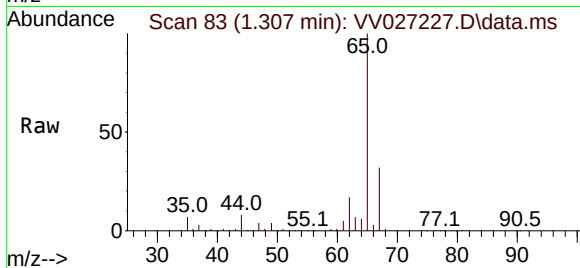
F5D66

Tgt Ion: 62 Resp: 16091

Ion Ratio Lower Upper

62 100

64 37.5 23.2 43.2



#17

trans-1,2-Dichloroethene

Concen: 13.774 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

Lab File: VV027227.D

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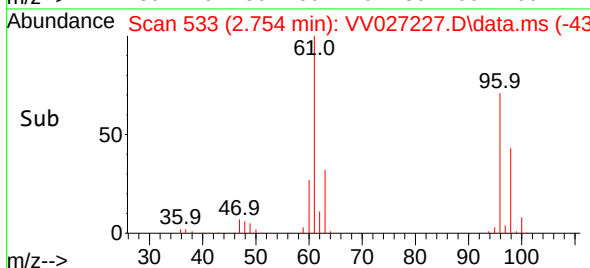
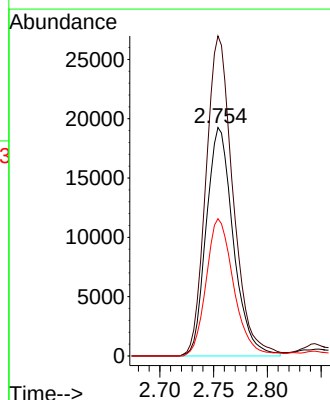
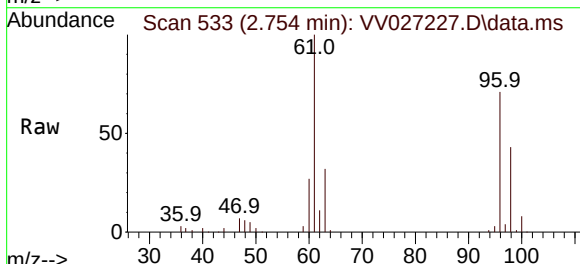
Tgt Ion: 96 Resp: 33707

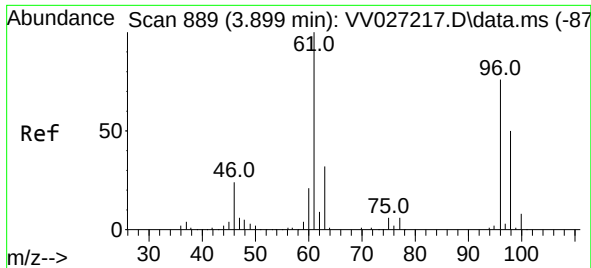
Ion Ratio Lower Upper

96 100

61 140.0 89.2 165.6

98 60.1 44.6 82.8



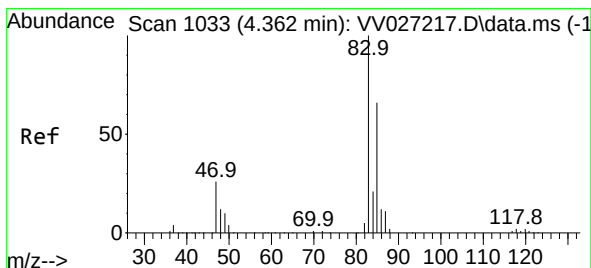
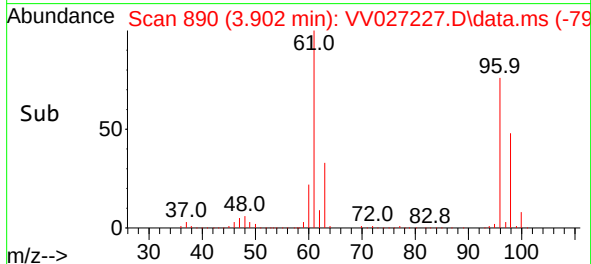
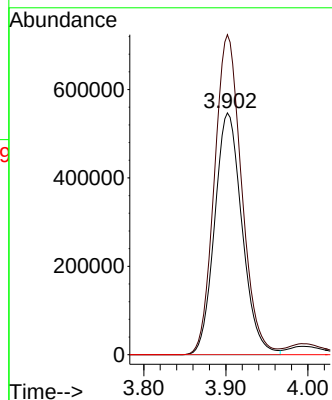
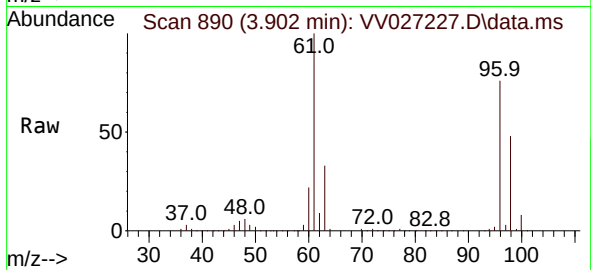


#20
cis-1,2-Dichloroethene
Concen: 500.086 ug/L
RT: 3.902 min Scan# 89
Delta R.T. 0.003 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Instrument :
MSVOA_V
ClientSampleId :
F5D66

Tgt Ion: 96 Resp: 1271292

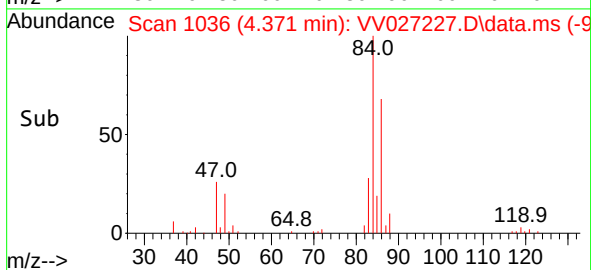
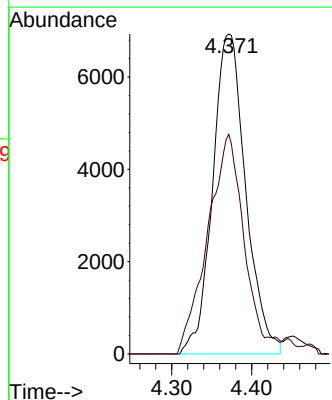
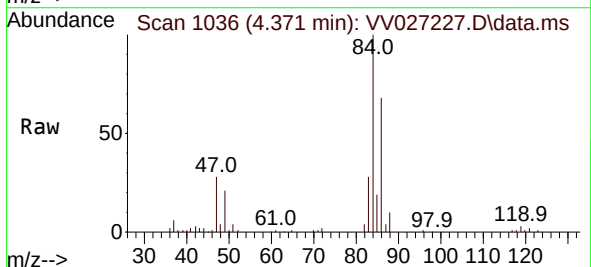
Ion	Ratio	Lower	Upper
96	100		
61	132.4	81.8	151.8
68	0.0	0.0	0.0

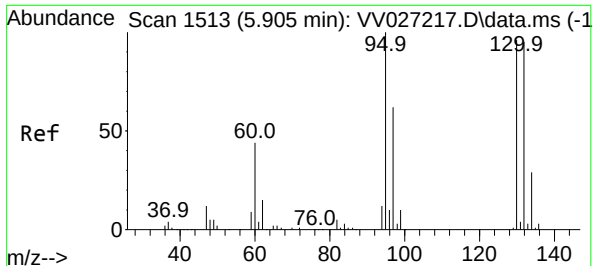


#25
Chloroform
Concen: 4.016 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Tgt Ion: 83 Resp: 19937

Ion	Ratio	Lower	Upper
83	100		
85	68.6	45.4	84.4

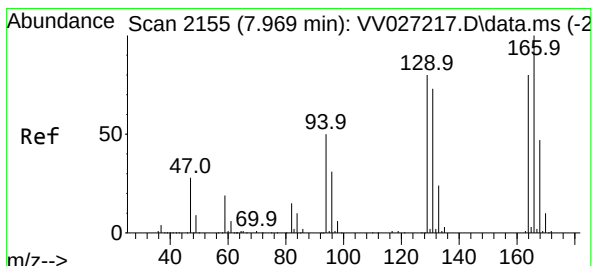
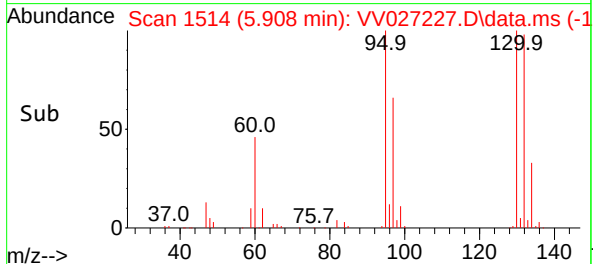
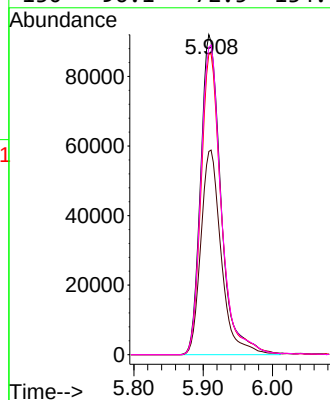
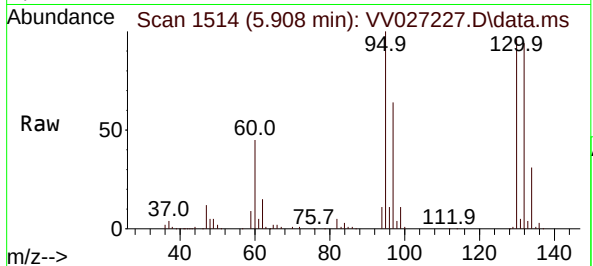




#34
Trichloroethene
Concen: 69.092 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Instrument :
MSVOA_V
ClientSampleId :
F5D66

Tgt Ion: 95 Resp: 187800
Ion Ratio Lower Upper
95 100
97 63.5 45.9 85.3
132 94.0 69.8 129.6
130 96.1 72.5 134.7



#46
Tetrachloroethene
Concen: 1.153 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Tgt Ion: 164 Resp: 2293
Ion Ratio Lower Upper
164 100
129 84.7 67.5 125.4
131 94.1 64.3 119.3
166 143.1 88.9 165.1

