

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083123\
 Data File : VV031970.D
 Acq On : 31 Aug 2023 18:37
 Operator : SY/MD
 Sample : 04235-08
 Misc : 4.85g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:12:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 01 00:57:38 2023
 Response via : Initial Calibration

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

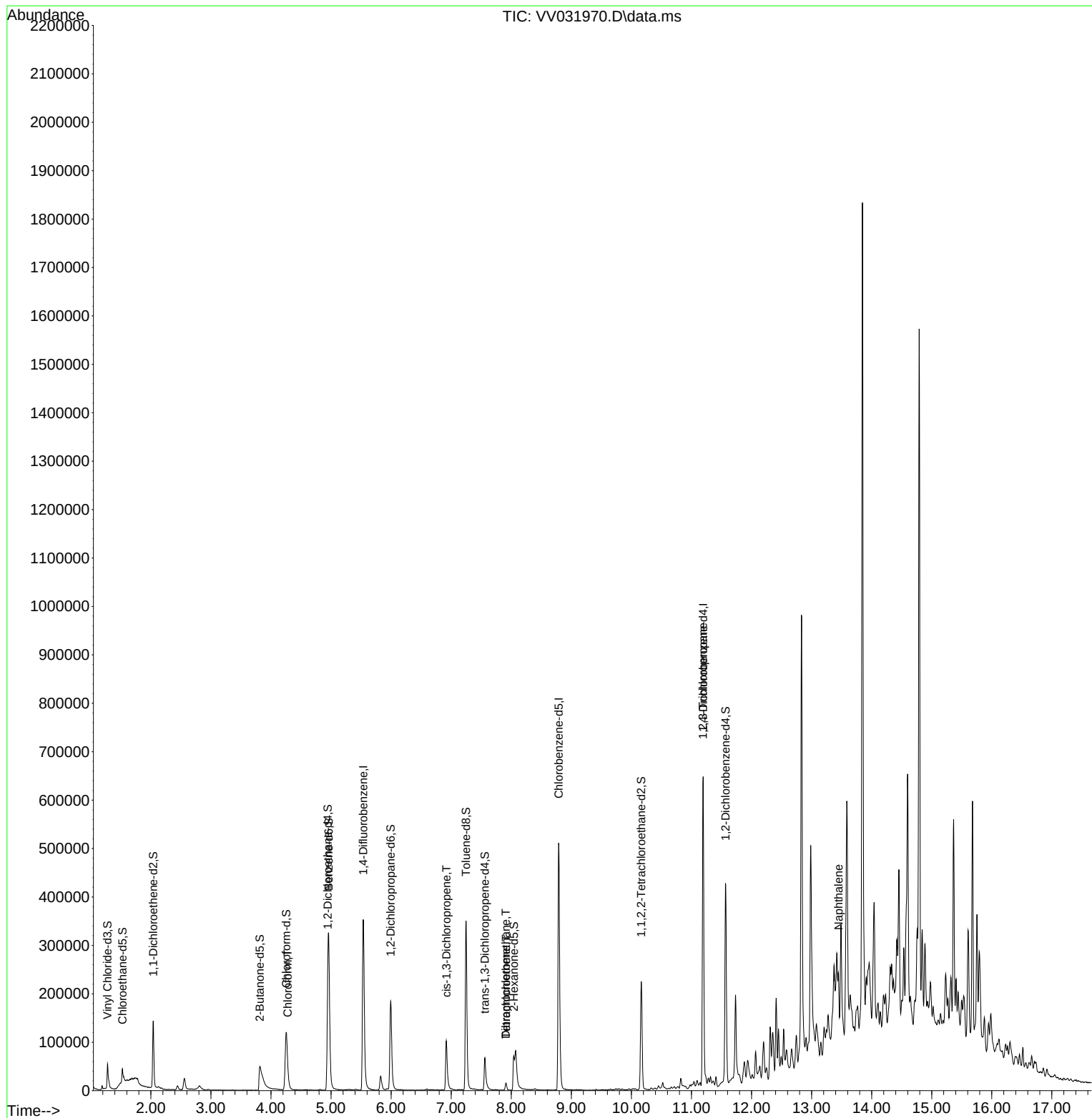
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	325202	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	311110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	160708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48786	23.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	47.940%#		
7) Chloroethane-d5	1.526	69	28315	15.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	31.740%#		
11) 1,1-Dichloroethene-d2	2.040	65	24394	25.597	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.200%#		
21) 2-Butanone-d5	3.815	46	122954	76.813	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.810%		
24) Chloroform-d	4.253	84	134827	30.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	60.620%#		
26) 1,2-Dichloroethane-d4	4.944	65	97056	32.876	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	65.760%#		
32) Benzene-d6	4.960	84	273290	32.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.380%#		
36) 1,2-Dichloropropane-d6	5.992	67	98250	35.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	71.920%		
41) Toluene-d8	7.246	98	242904	31.054	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	62.100%#		
43) trans-1,3-Dichloroprop...	7.561	79	45768	32.317	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.640%		
47) 2-Hexanone-d5	8.043	63	22512	26.881	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	26.880%#		
56) 1,1,2,2-Tetrachloroeth...	10.165	84	127311	36.056	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	72.120%		
66) 1,2-Dichlorobenzene-d4	11.571	152	100565	34.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.660%#		
Target Compounds						Qvalue
25) Chloroform	4.278	83	8263	1.898	ug/L	94
39) cis-1,3-Dichloropropene	6.921	75	3063	0.744	ug/L #	42
46) Tetrachloroethene	7.912	164	3187	1.985	ug/L	94
49) Dibromochloromethane	7.908	129	3339	1.357	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	21310	7.019	ug/L #	68
71) Naphthalene	13.448	128	21266	1.972	ug/L #	95

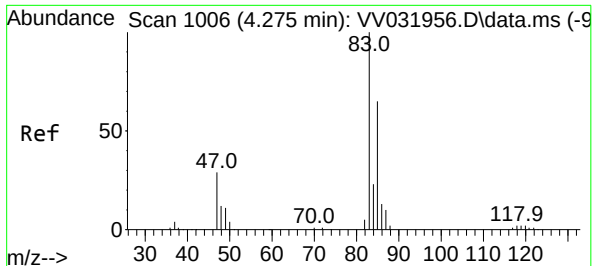
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 01 00:57:38 2023
Response via : Initial Calibration





#25

Chloroform

Concen: 1.898 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

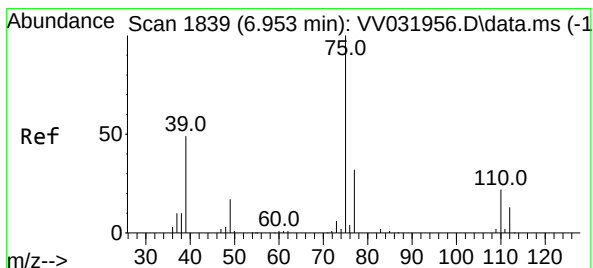
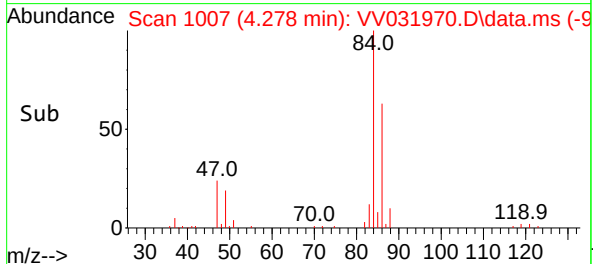
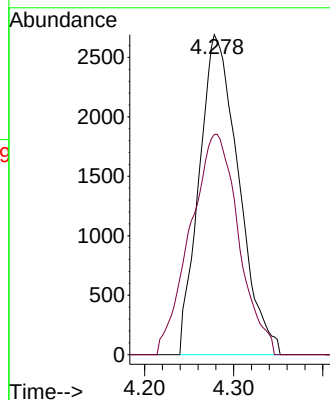
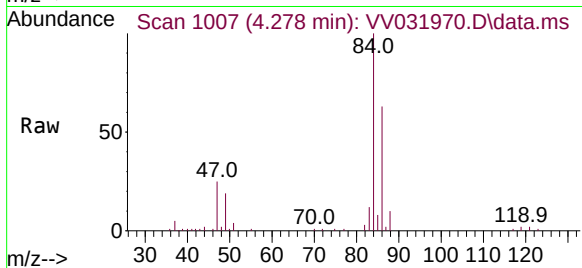
ClientSampleId :

Tgt Ion: 83 Resp: 8263

Ion Ratio Lower Upper

83 100

85 68.8 44.9 83.3



#39

cis-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.032 min

Lab File: VV031970.D

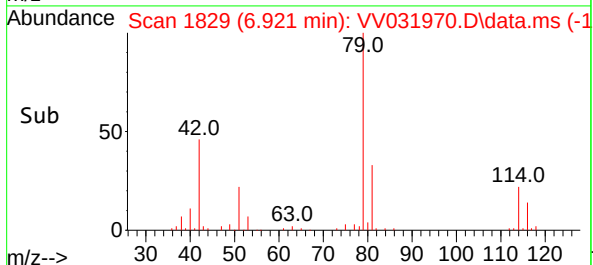
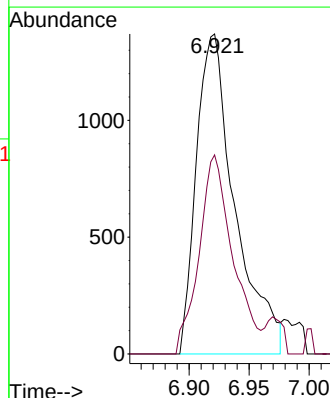
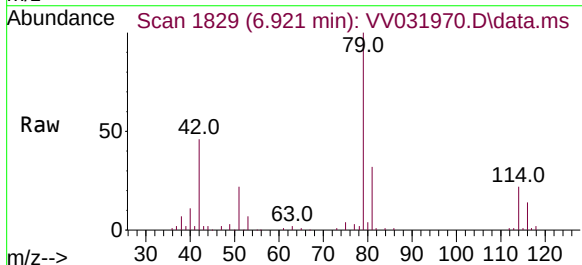
Acq: 31 Aug 2023 18:37

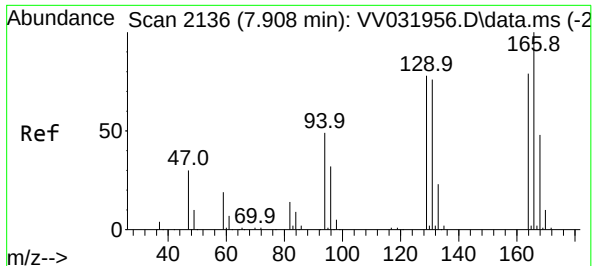
Tgt Ion: 75 Resp: 3063

Ion Ratio Lower Upper

75 100

77 62.2 21.4 39.8#





#46

Tetrachloroethene

Concen: 1.985 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

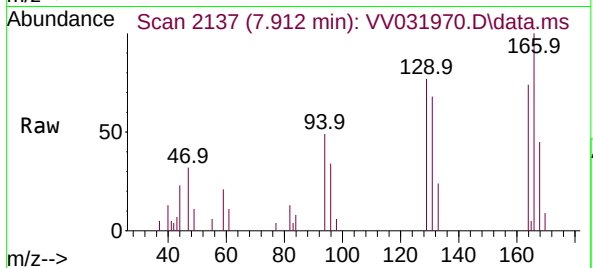
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Acq: 31 Aug 2023 18:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3187

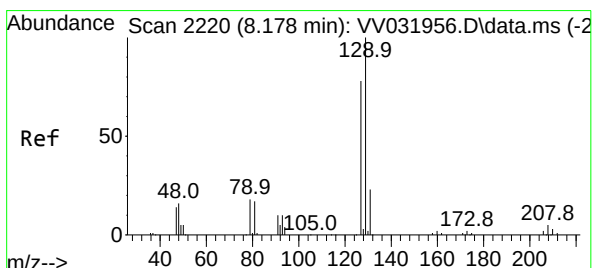
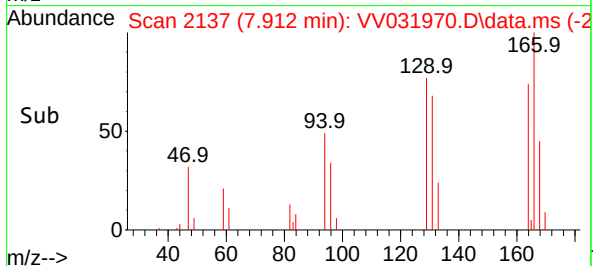
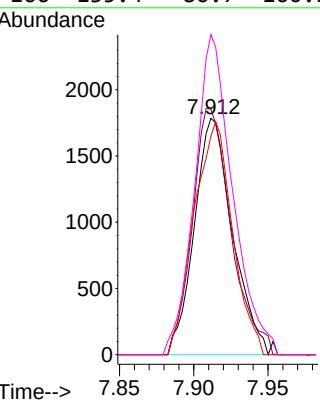
Ion Ratio Lower Upper

164 100

129 103.9 68.3 126.9

131 92.5 64.9 120.5

166 135.4 86.7 160.9



#49

Dibromochloromethane

Concen: 1.357 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV031970.D

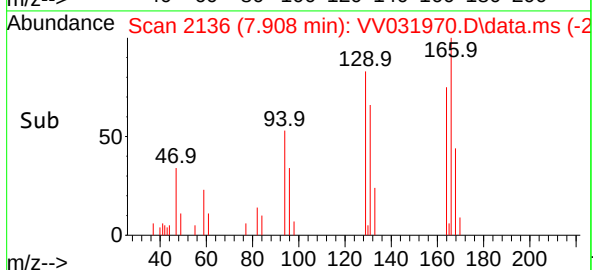
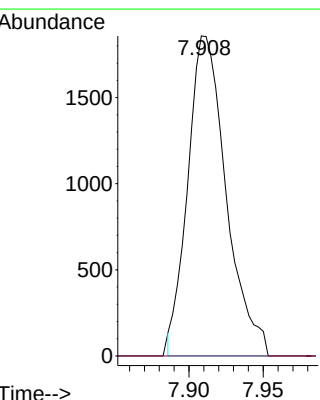
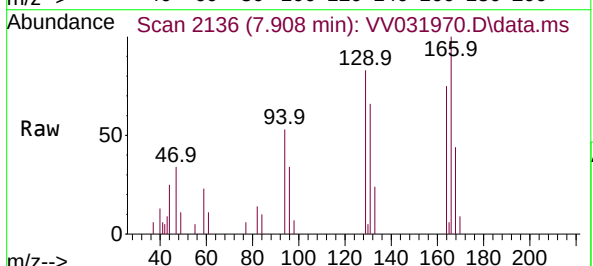
Acq: 31 Aug 2023 18:37

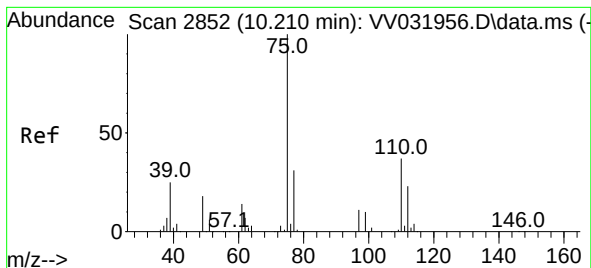
Tgt Ion:129 Resp: 3339

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 7.019 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.981 min

Lab File: VV031970.D

Acq: 31 Aug 2023 18:37

Instrument :

MSVOA_V

ClientSampleId :

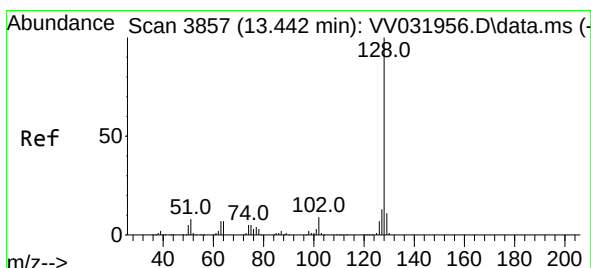
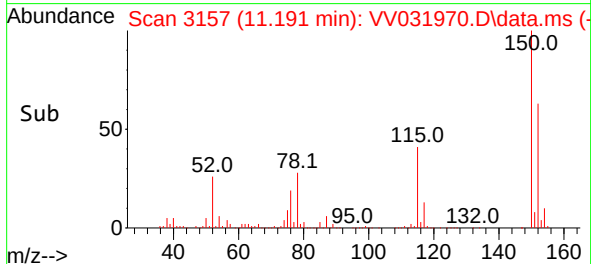
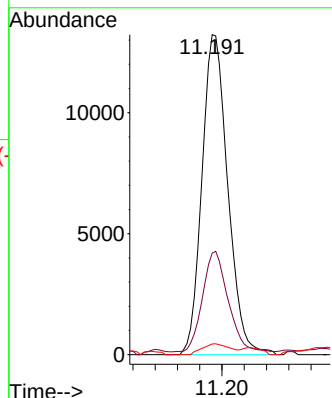
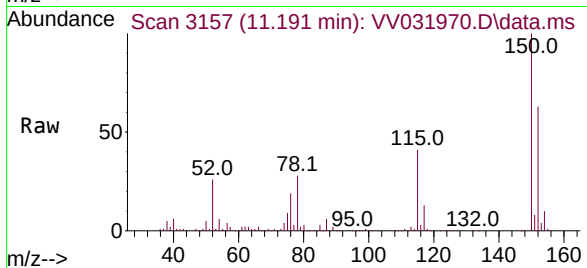
Tgt Ion: 75 Resp: 21310

Ion Ratio Lower Upper

75 100

77 30.6 25.7 38.5

110 3.6 30.3 45.5#



#71

Naphthalene

Concen: 1.972 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.007 min

Lab File: VV031970.D

Acq: 31 Aug 2023 18:37

Tgt Ion:128 Resp: 21266

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 14.5 8.7 13.1#

