

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070324\
 Data File : VW036430.D
 Acq On : 03 Jul 2024 09:59
 Operator : SY/MD
 Sample : P3100-16
 Misc : 5.56g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 04 02:07:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 02:05:51 2024
 Response via : Initial Calibration

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

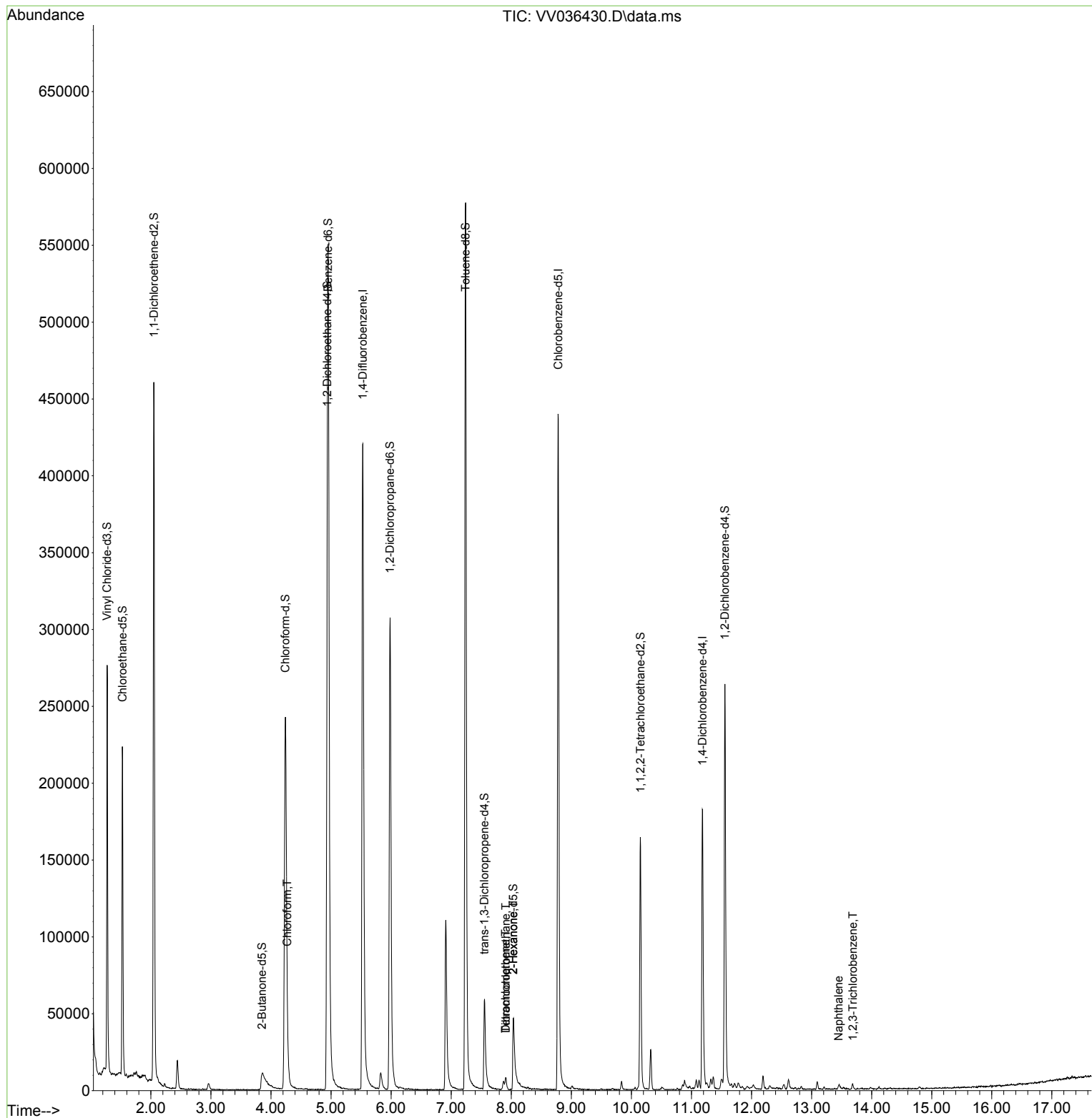
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	385236	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	255269	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	51284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	171657	26.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.960%	
7) Chloroethane-d5	1.526	69	140855	26.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.800%	
11) 1,1-Dichloroethene-d2	2.050	65	76608	24.908	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.640%	
21) 2-Butanone-d5	3.851	46	8981	5.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 11.820%#	
24) Chloroform-d	4.240	84	266675	23.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.800%	
26) 1,2-Dichloroethane-d4	4.937	65	121428	20.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 80.080%	
32) Benzene-d6	4.950	84	522302	36.246	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 145.000%#	
36) 1,2-Dichloropropane-d6	5.982	67	156711	36.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 144.640%#	
41) Toluene-d8	7.240	98	403302	31.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 124.160%	
43) trans-1,3-Dichloroprop...	7.555	79	39960	20.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 82.600%	
47) 2-Hexanone-d5	8.034	63	19754	28.551	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 57.100%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	81902	23.052	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.200%	
66) 1,2-Dichlorobenzene-d4	11.558	152	70899	37.937	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 151.760%#	
Target Compounds						
					Qvalue	
25) Chloroform	4.272	83	6787	0.594	ug/L	97
46) Tetrachloroethene	7.905	164	1969	0.568	ug/L	88
48) 2-Hexanone	8.034	43	2641	1.542	ug/L #	66
49) Dibromochloromethane	7.908	129	1611	0.423	ug/L #	10
71) Naphthalene	13.452	128	2706	0.782	ug/L #	89
72) 1,2,3-Trichlorobenzene	13.689	180	765	0.419	ug/L #	90

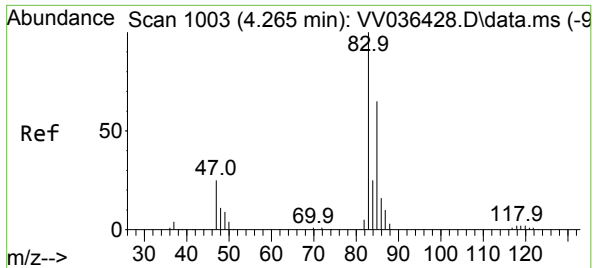
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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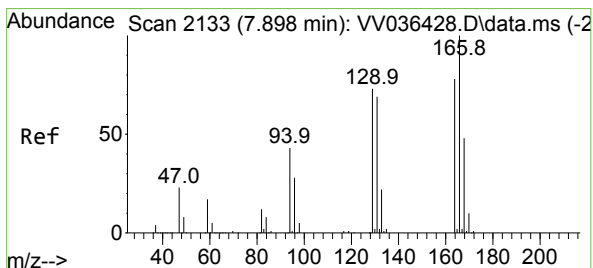
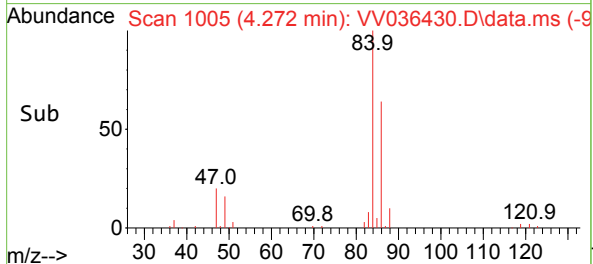
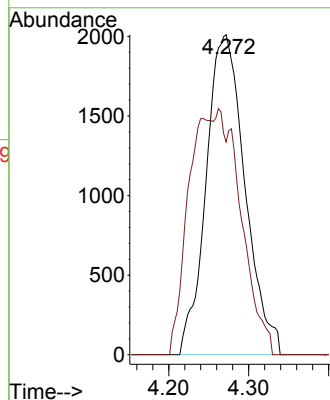
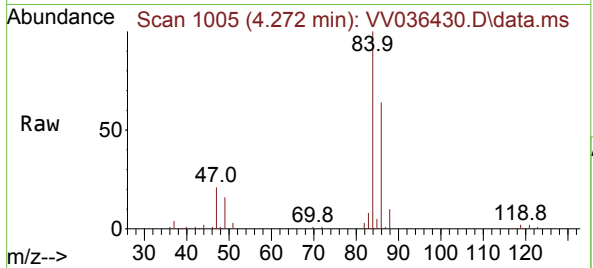




#25
Chloroform
Concen: 0.594 ug/L
RT: 4.272 min Scan# 10
Delta R.T. 0.007 min
Lab File: VV036430.D
Acq: 03 Jul 2024 09:59

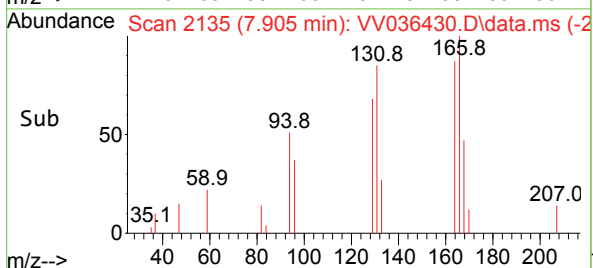
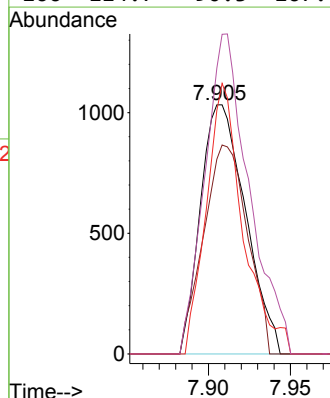
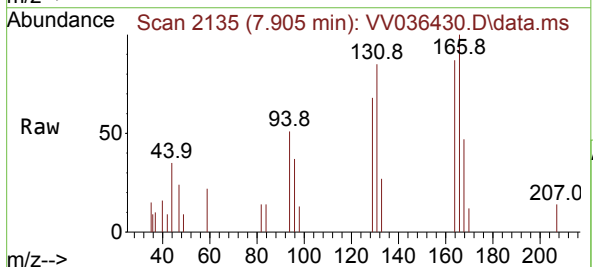
Instrument :
MSVOA_V
ClientSampleId :

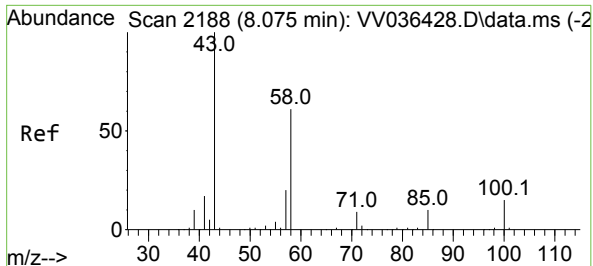
Tgt Ion: 83 Resp: 6787
Ion Ratio Lower Upper
83 100
85 66.4 45.0 83.6



#46
Tetrachloroethene
Concen: 0.568 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.007 min
Lab File: VV036430.D
Acq: 03 Jul 2024 09:59

Tgt Ion:164 Resp: 1969
Ion Ratio Lower Upper
164 100
129 78.2 65.9 122.5
131 97.8 63.3 117.7
166 114.7 90.3 167.7





#48

2-Hexanone

Concen: 1.542 ug/L

RT: 8.034 min Scan# 2188

Delta R.T. -0.042 min

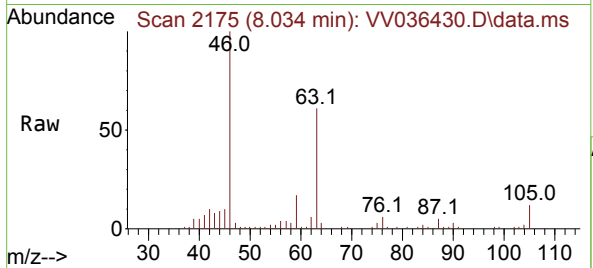
Lab File: VV036430.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2641

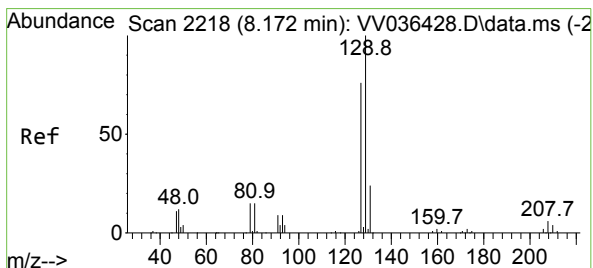
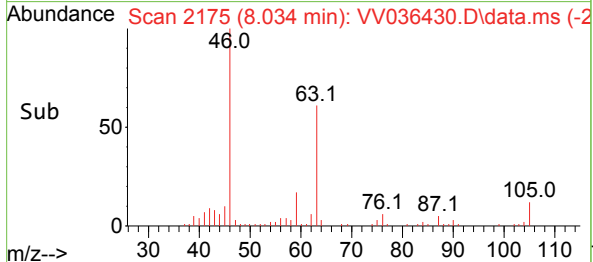
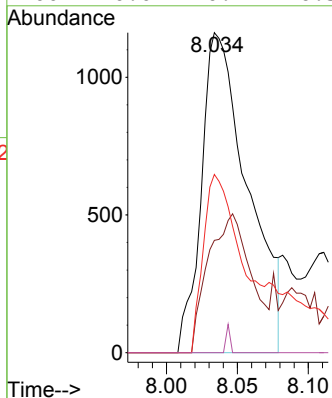
Ion Ratio Lower Upper

43 100

58 40.4 48.5 72.7#

57 46.4 15.8 23.6#

100 0.0 10.9 16.3#



#49

Dibromochloromethane

Concen: 0.423 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.263 min

Lab File: VV036430.D

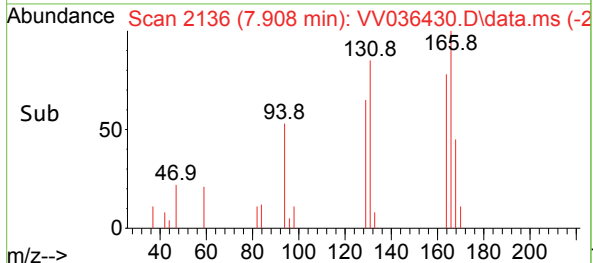
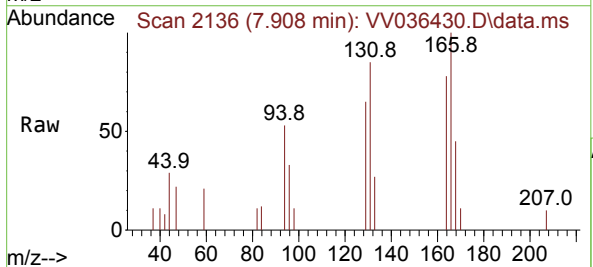
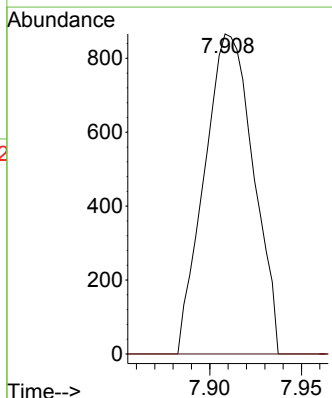
Acq: 03 Jul 2024 09:59

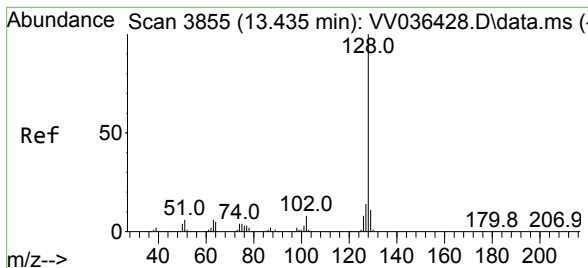
Tgt Ion: 129 Resp: 1611

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#





#71

Naphthalene

Concen: 0.782 ug/L

RT: 13.452 min Scan# 3860

Delta R.T. 0.016 min

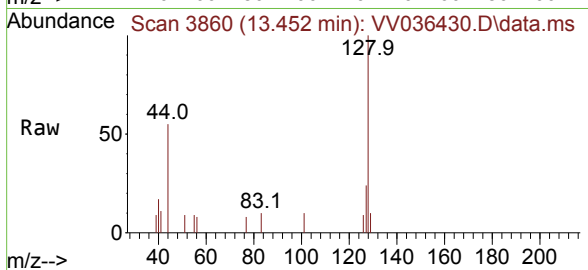
Lab File: VV036430.D

Acq: 03 Jul 2024 09:59

Instrument :

MSVOA_V

ClientSampleId :



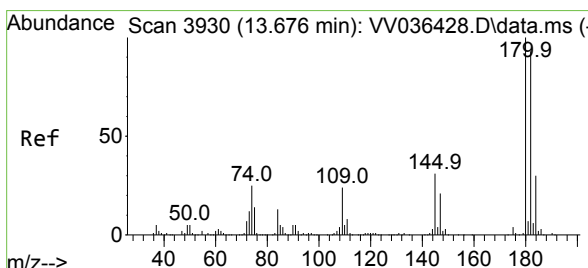
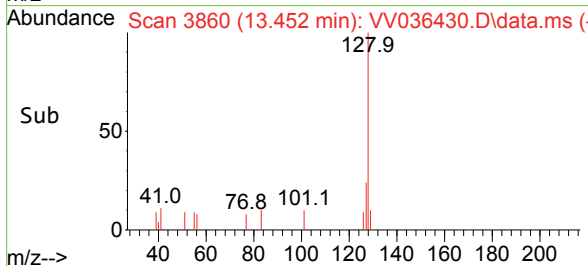
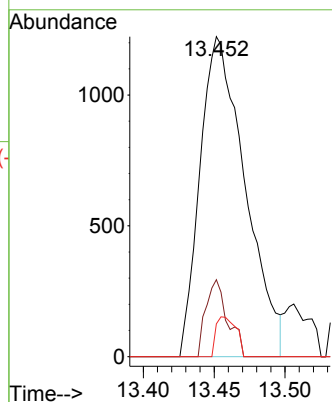
Tgt Ion:128 Resp: 2706

Ion Ratio Lower Upper

128 100

127 9.9 10.8 16.2#

129 5.5 8.6 13.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.419 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.013 min

Lab File: VV036430.D

Acq: 03 Jul 2024 09:59

Tgt Ion:180 Resp: 765

Ion Ratio Lower Upper

180 100

182 88.9 76.7 115.1

145 20.9 25.0 37.4#

