

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036503.D
 Acq On : 12 Jul 2024 13:32
 Operator : SY/MD
 Sample : P3215-03
 Misc : 5.89g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:09:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

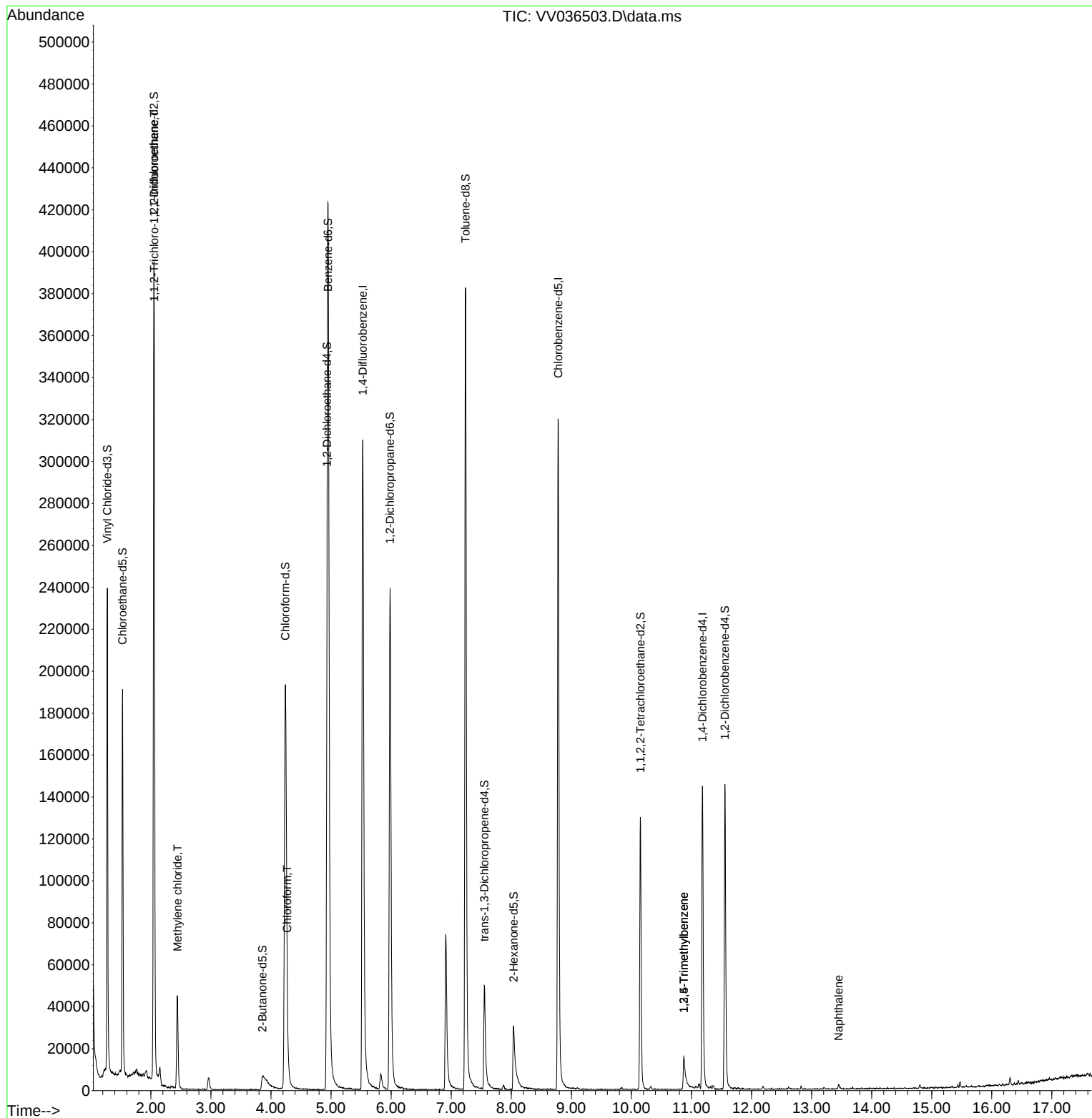
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	297852	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	194749	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	42594	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	145402	34.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.280%
7) Chloroethane-d5	1.529	69	121155	32.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.880%
11) 1,1-Dichloroethene-d2	2.053	65	63043	28.770	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	115.080%#
21) 2-Butanone-d5	3.857	46	4426	6.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.120%#
24) Chloroform-d	4.240	84	215486	24.855	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	4.934	65	106964	24.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.480%
32) Benzene-d6	4.950	84	396725	40.833	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	163.320%#
36) 1,2-Dichloropropane-d6	5.982	67	116199	40.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	160.520%#
41) Toluene-d8	7.240	98	273112	30.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.880%
43) trans-1,3-Dichloroprop...	7.555	79	32775	27.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.880%
47) 2-Hexanone-d5	8.040	63	10389	32.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.600%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	63060	25.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	40987	28.355	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.440%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2117	0.415	ug/L #	19
16) Methylene chloride	2.442	84	20912	3.415	ug/L	98
25) Chloroform	4.272	83	5695	0.663	ug/L	78
62) 1,3,5-Trimethylbenzene	10.876	105	7880	2.586	ug/L #	27
63) 1,2,4-Trimethylbenzene	10.876	105	7880	2.376	ug/L #	30
71) Naphthalene	13.448	128	2574	1.106	ug/L #	90

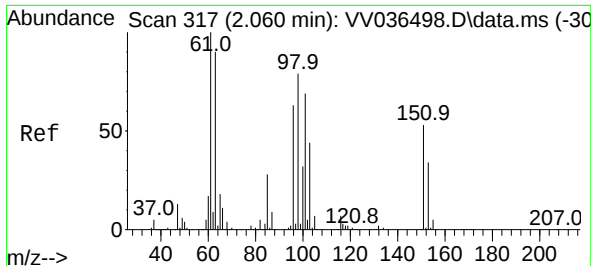
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.415 ug/L

RT: 2.056 min Scan# 317

Delta R.T. -0.003 min

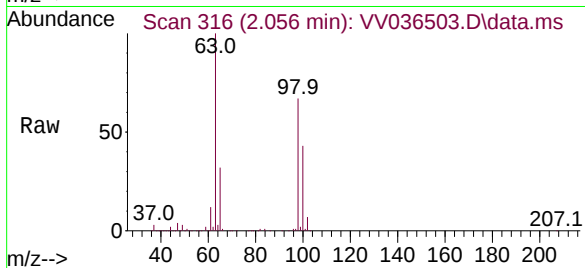
Lab File: VV036503.D

Acq: 12 Jul 2024 13:32

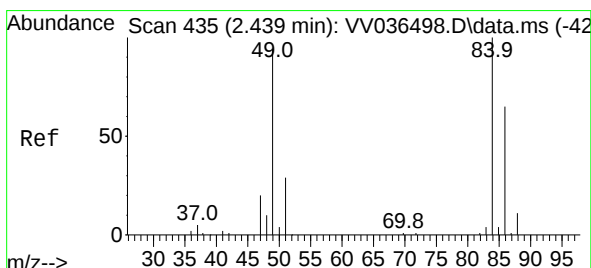
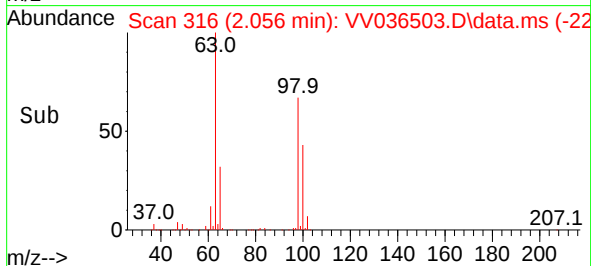
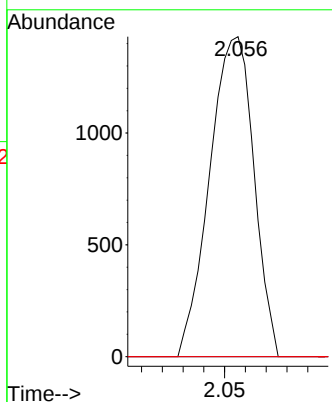
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	101	Resp:	2117
Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	62.6	94.0#



#16

Methylene chloride

Concen: 3.415 ug/L

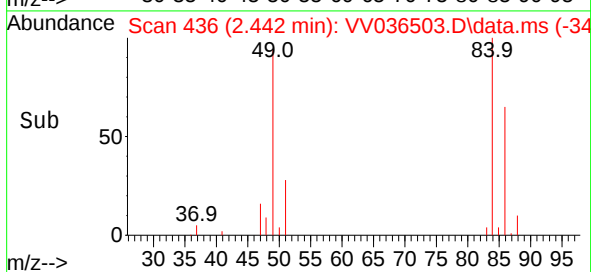
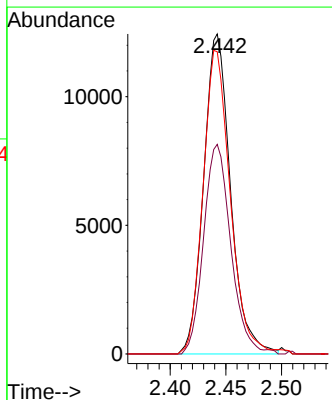
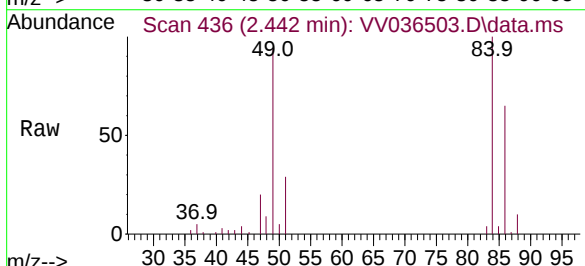
RT: 2.442 min Scan# 436

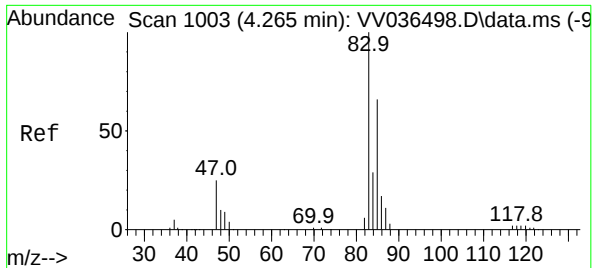
Delta R.T. 0.003 min

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Tgt Ion:	84	Resp:	20912
Ion	Ratio	Lower	Upper
84	100		
86	65.5	46.3	86.1
49	94.5	68.1	126.5





#25

Chloroform

Concen: 0.663 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

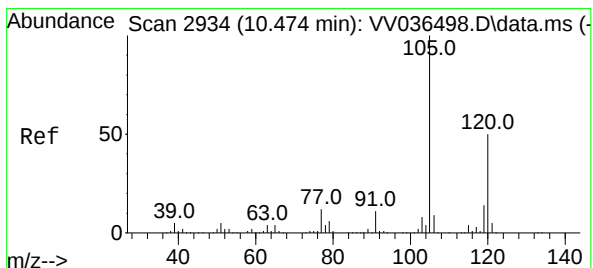
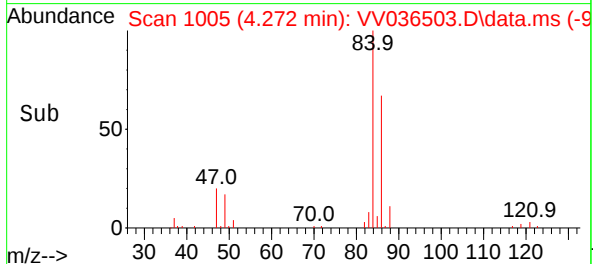
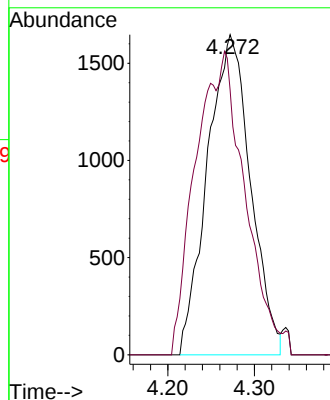
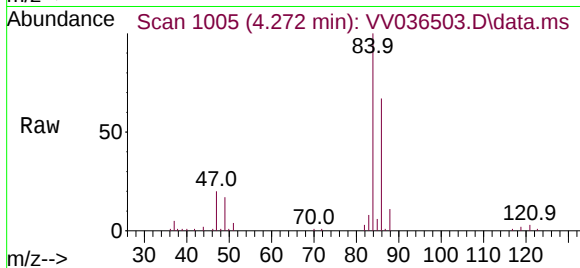
ClientSampleId :

Tgt Ion: 83 Resp: 5695

Ion Ratio Lower Upper

83 100

85 82.7 45.6 84.6



#62

1,3,5-Trimethylbenzene

Concen: 2.586 ug/L

RT: 10.876 min Scan# 3059

Delta R.T. 0.402 min

Lab File: VV036503.D

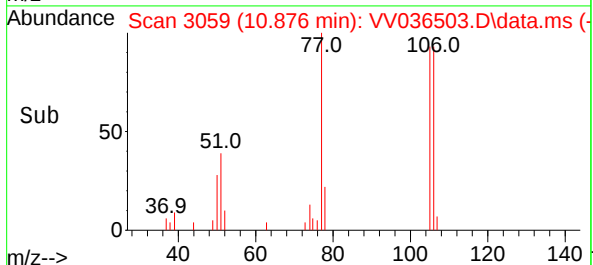
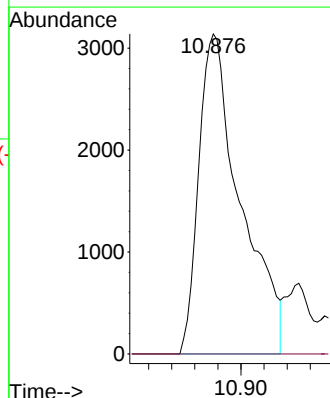
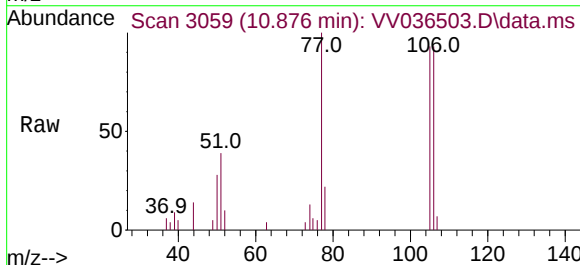
Acq: 12 Jul 2024 13:32

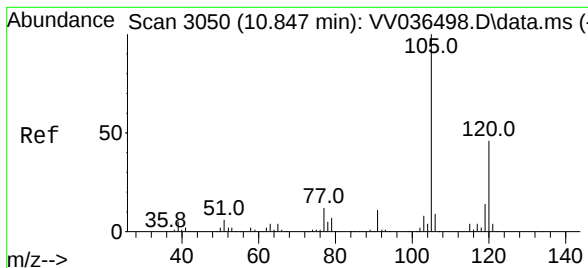
Tgt Ion:105 Resp: 7880

Ion Ratio Lower Upper

105 100

120 0.0 39.9 59.9#





#63

1,2,4-Trimethylbenzene

Concen: 2.376 ug/L

RT: 10.876 min Scan# 3050

Delta R.T. 0.029 min

Lab File: VV036503.D

Acq: 12 Jul 2024 13:32

Instrument :

MSVOA_V

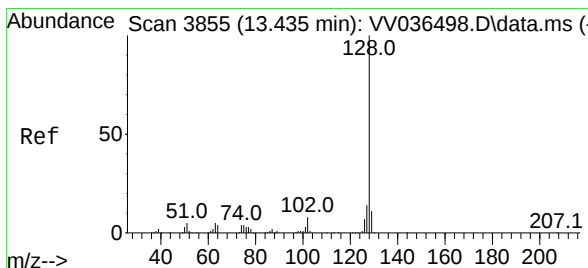
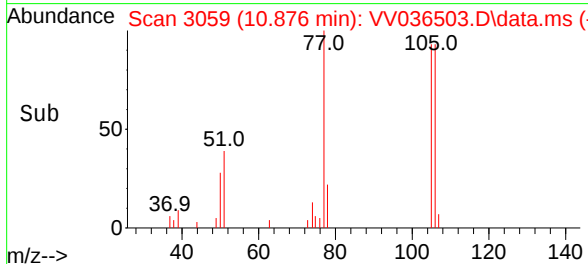
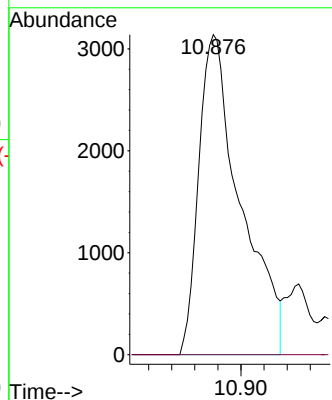
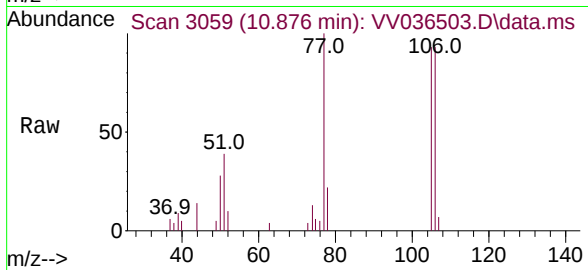
ClientSampleId :

Tgt Ion:105 Resp: 7880

Ion Ratio Lower Upper

105 100

120 0.0 37.0 55.4#



#71

Naphthalene

Concen: 1.106 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV036503.D

Acq: 12 Jul 2024 13:32

Tgt Ion:128 Resp: 2574

Ion Ratio Lower Upper

128 100

127 10.7 10.8 16.2#

129 5.7 8.6 13.0#

