

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
 Data File : VV021869.D
 Acq On : 18 Aug 2021 17:03
 Operator : SY/MD
 Sample : M3448-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 01:18:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 19 01:14:55 2021
 Response via : Initial Calibration

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

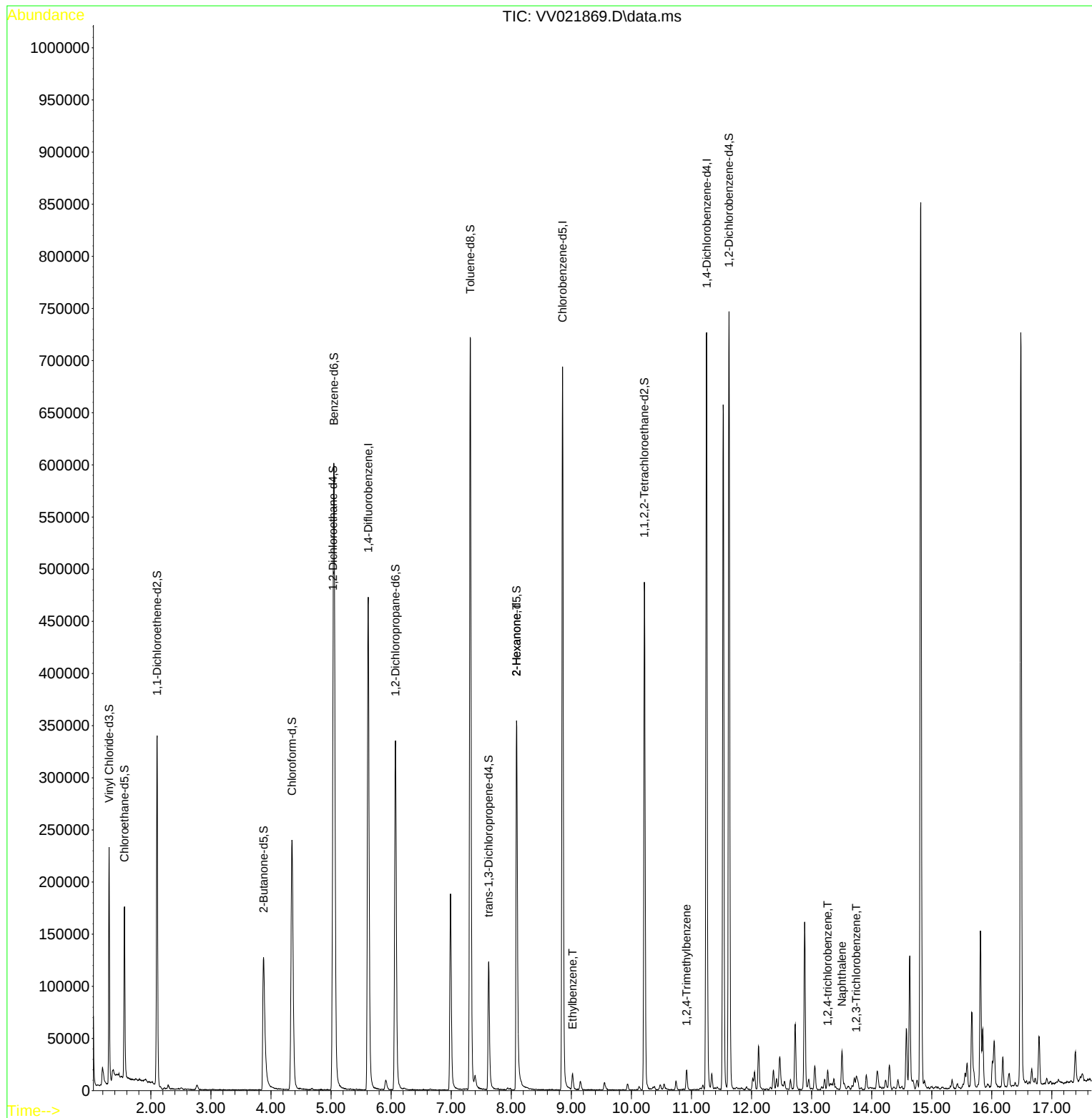
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	432374	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	402512	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	198398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142224	42.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.160%
7) Chloroethane-d5	1.561	69	111874	43.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	2.101	63	154982	28.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.600%#
21) 2-Butanone-d5	3.876	46	203071	96.597	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	4.349	84	256315	43.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.540%
26) 1,2-Dichloroethane-d4	5.034	65	157299	46.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
32) Benzene-d6	5.050	84	538393	46.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.020%
36) 1,2-Dichloropropane-d6	6.072	67	169957	47.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.300%
41) Toluene-d8	7.320	98	488313	45.643	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.280%
43) trans-1,3-Dichloroprop...	7.625	79	72045	40.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.220%
47) 2-Hexanone-d5	8.088	63	124568	105.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	233486	52.272	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.540%
66) 1,2-Dichlorobenzene-d4	11.625	152	203815	49.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
48) 2-Hexanone	8.088	43	14254	4.265	ug/L #	70
52) Ethylbenzene	9.021	91	11560	0.819	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	9870	0.870	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	3352	0.856	ug/L #	92
71) Naphthalene	13.506	128	27843	2.448	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	3960	1.007	ug/L #	90

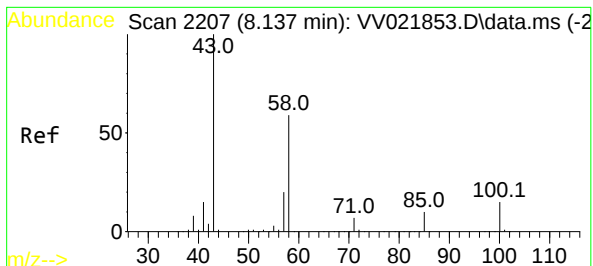
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 19 01:14:55 2021
Response via : Initial Calibration





#48

2-Hexanone

Concen: 4.265 ug/L

RT: 8.088 min Scan# 2192

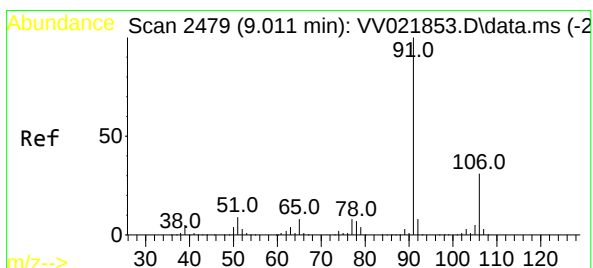
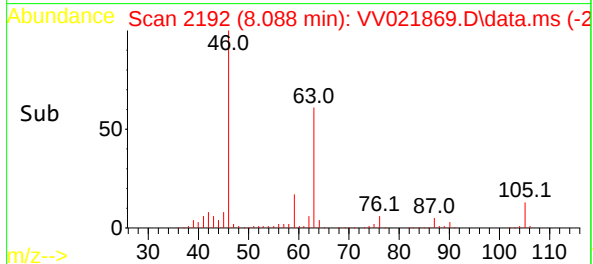
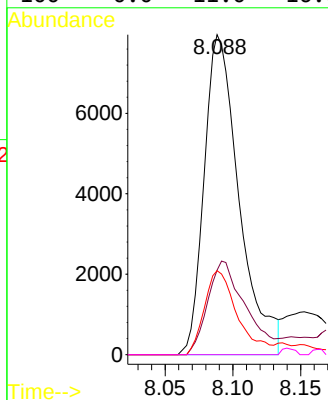
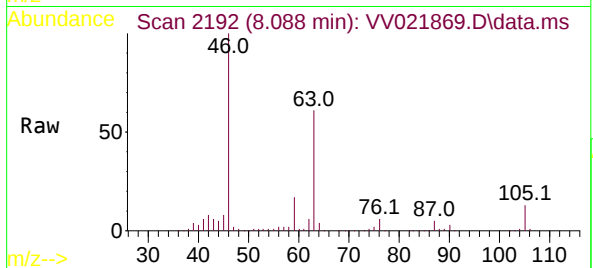
Delta R.T. -0.048 min

Lab File: VV021869.D

Acq: 18 Aug 2021 17:03

Tgt Ion: 43	Resp: 14254
Ion Ratio	Lower Upper
43 100	
58 31.4	45.4 68.2#
57 24.9	15.3 22.9#
100 0.0	11.0 16.6#

Instrument :
MSVOA_V
ClientSampled :



#52

Ethylbenzene

Concen: 0.819 ug/L

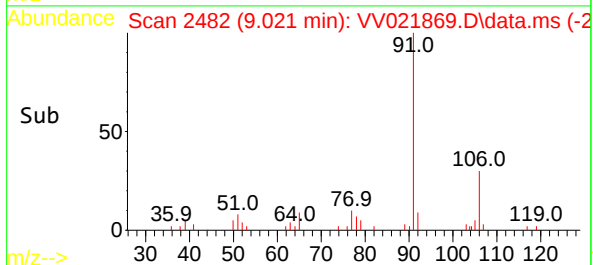
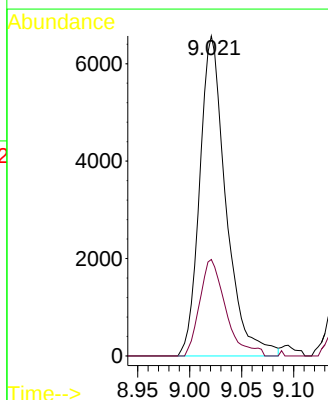
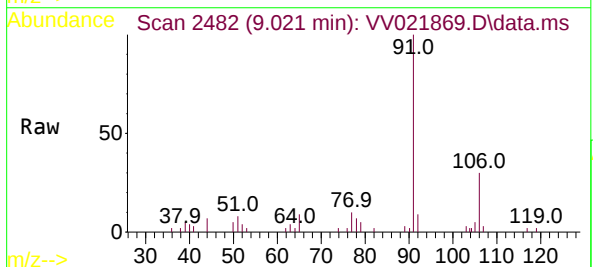
RT: 9.021 min Scan# 2482

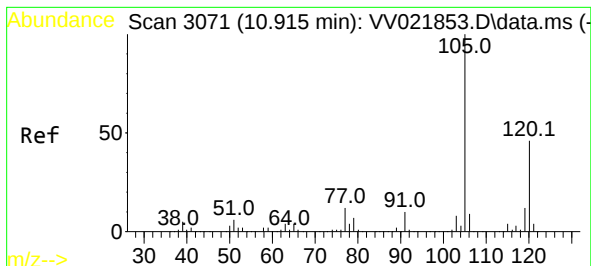
Delta R.T. 0.010 min

Lab File: VV021869.D

Acq: 18 Aug 2021 17:03

Tgt Ion: 91	Resp: 11560
Ion Ratio	Lower Upper
91 100	
106 30.2	22.2 41.2

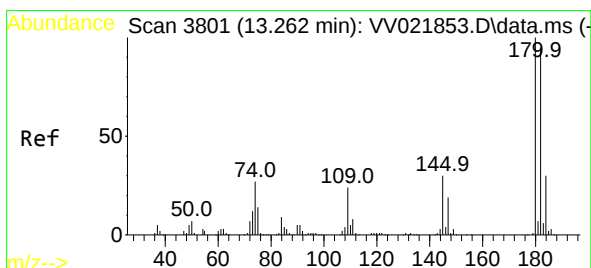
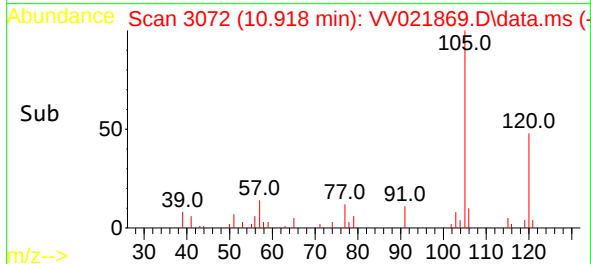
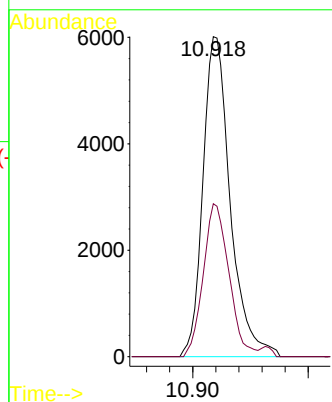
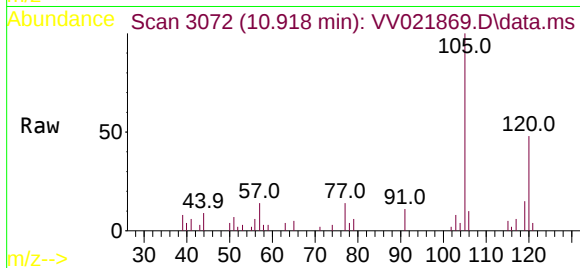




#63
1,2,4-Trimethylbenzene
Concen: 0.870 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021869.D
Acq: 18 Aug 2021 17:03

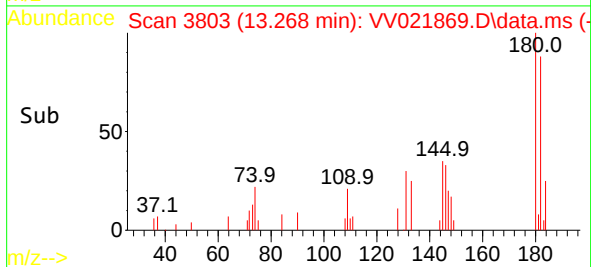
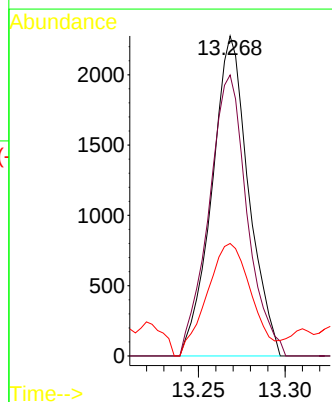
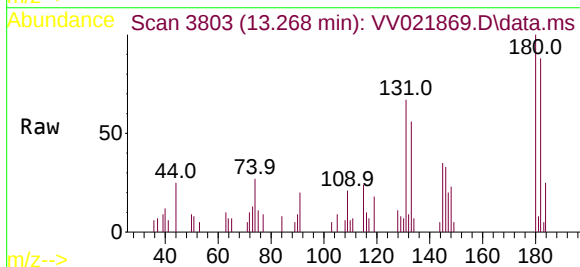
Instrument :
MSVOA_V
ClientSampled :

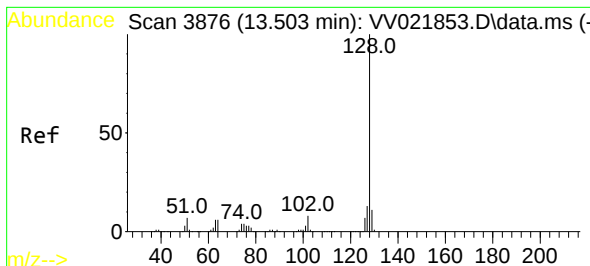
Tgt Ion:105 Resp: 9870
Ion Ratio Lower Upper
105 100
120 45.1 37.3 55.9



#70
1,2,4-trichlorobenzene
Concen: 0.856 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.006 min
Lab File: VV021869.D
Acq: 18 Aug 2021 17:03

Tgt Ion:180 Resp: 3352
Ion Ratio Lower Upper
180 100
182 91.4 75.8 113.6
145 42.2 23.9 35.9#

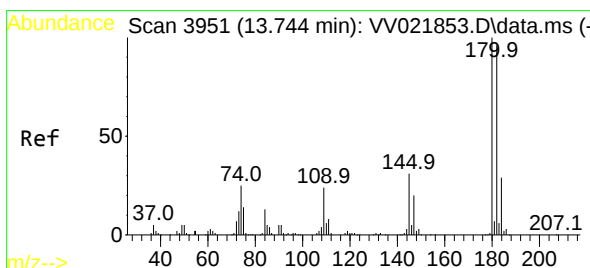
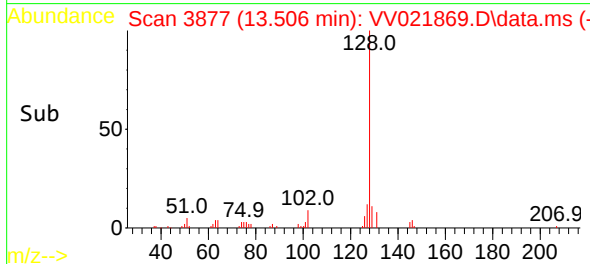
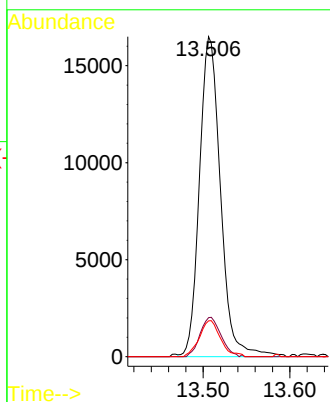
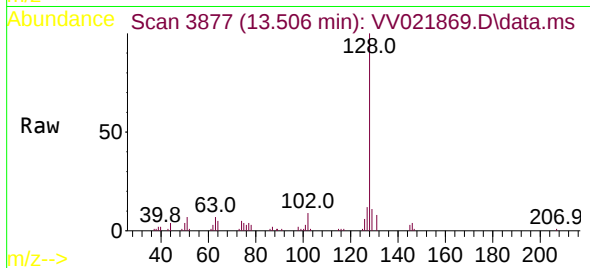




#71
Naphthalene
Concen: 2.448 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021869.D
Acq: 18 Aug 2021 17:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 27843
Ion Ratio Lower Upper
128 100
127 12.1 10.0 15.0
129 11.3 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 1.007 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021869.D
Acq: 18 Aug 2021 17:03

Tgt Ion:180 Resp: 3960
Ion Ratio Lower Upper
180 100
182 102.7 76.2 114.2
145 41.2 25.6 38.4#

