

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046109.D
 Acq On : 06 Dec 2021 14:12
 Operator : SY/MD
 Sample : PB141182TB 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:09:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

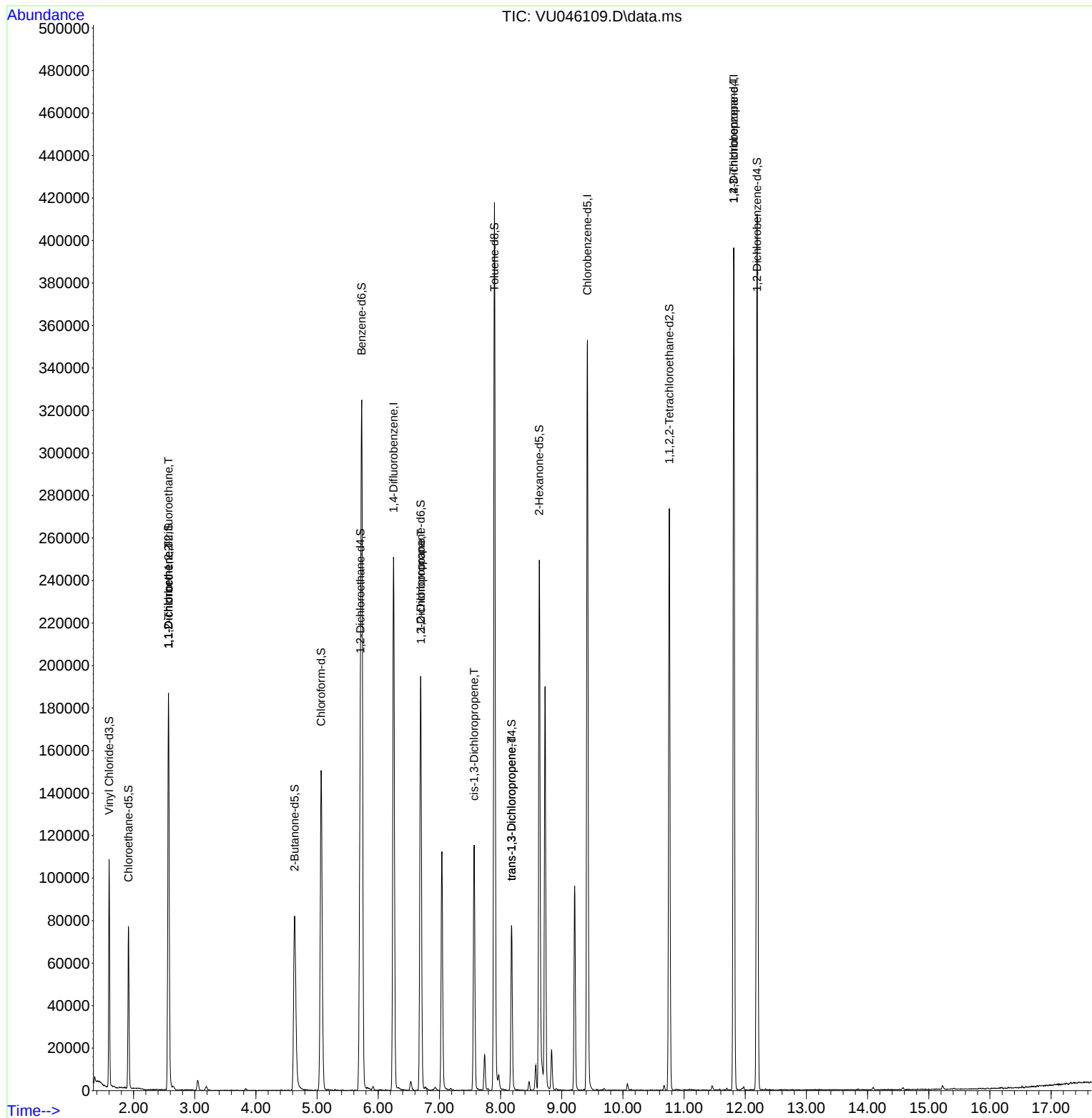
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	212822	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	207517	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107011	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	73959	42.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.380%		
7) Chloroethane-d5	1.915	69	54023	40.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.280%		
11) 1,1-Dichloroethene-d2	2.571	63	109752	34.873	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.740%		
21) 2-Butanone-d5	4.632	46	126660	90.884	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.880%		
24) Chloroform-d	5.066	84	139544	47.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
26) 1,2-Dichloroethane-d4	5.706	65	94365	48.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.060%		
32) Benzene-d6	5.729	84	307741	51.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.480%		
36) 1,2-Dichloropropane-d6	6.693	67	94271	51.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.280%		
41) Toluene-d8	7.899	98	282246	52.119	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.240%		
43) trans-1,3-Dichloroprop...	8.179	79	44707	50.242	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.480%		
47) 2-Hexanone-d5	8.632	63	92746	106.118	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.120%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	133745	47.843	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.680%		
66) 1,2-Dichlorobenzene-d4	12.195	152	111083	53.902	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	994	0.642	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	770	0.523	ug/L #	1
37) 1,2-Dichloropropane	6.697	63	9668	5.876	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2570	1.027	ug/L #	36
44) trans-1,3-Dichloropropene	8.179	75	1828	0.744	ug/L #	78
60) 1,2,3-Trichloropropane	11.812	75	11857	5.055	ug/L #	65

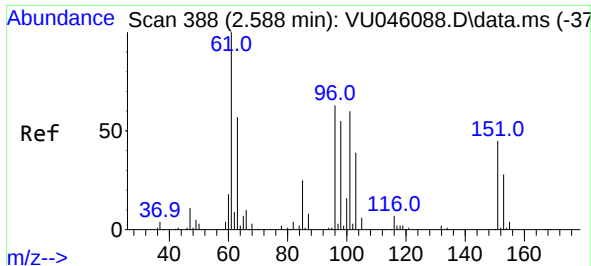
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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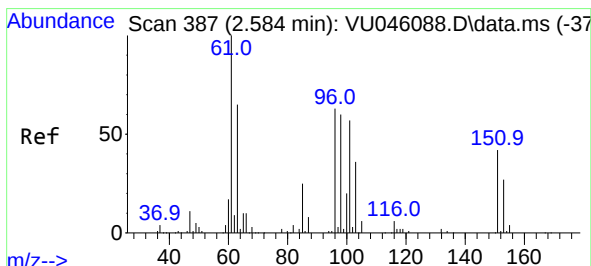
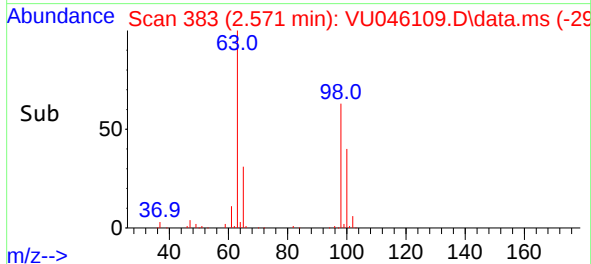
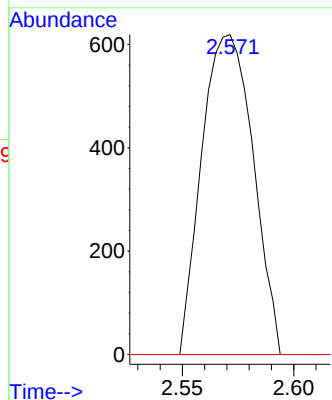
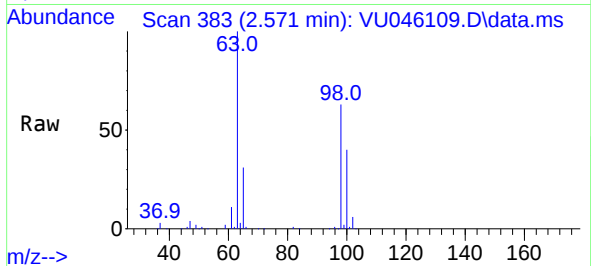




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.642 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046109.D
Acq: 06 Dec 2021 14:12

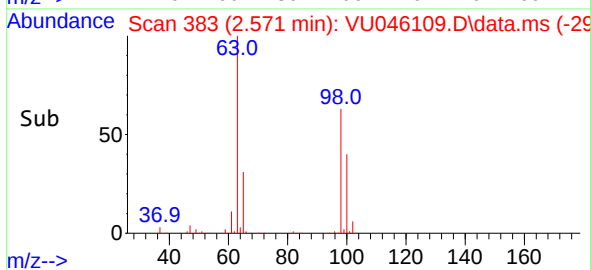
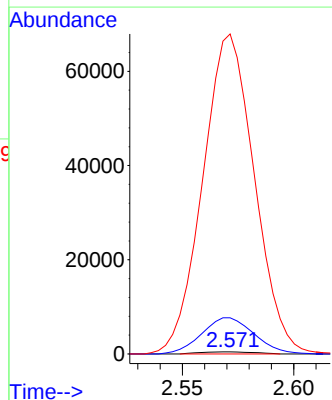
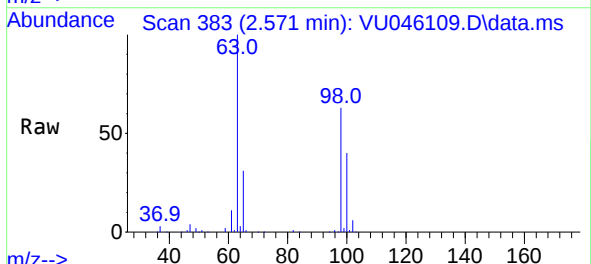
Instrument :
MSVOA_U
ClientSampleId :

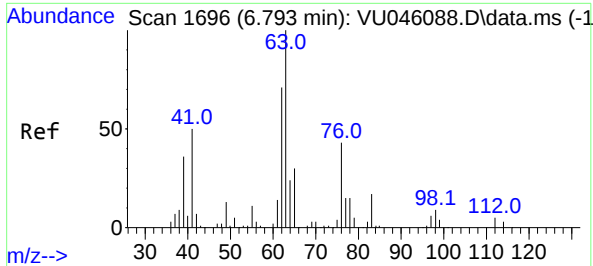
Tgt Ion:101 Resp: 994
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.523 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046109.D
Acq: 06 Dec 2021 14:12

Tgt Ion: 96 Resp: 770
Ion Ratio Lower Upper
96 100
61 1674.9 118.6 220.2#
63 14833.2 93.0 172.8#

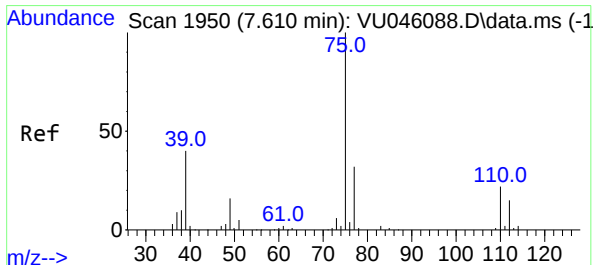
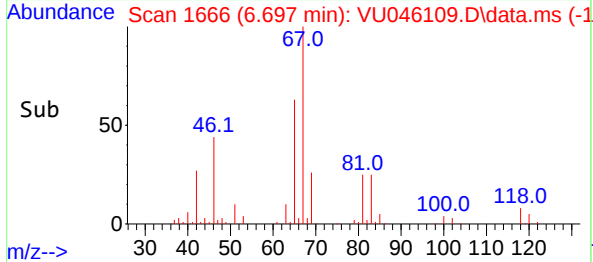
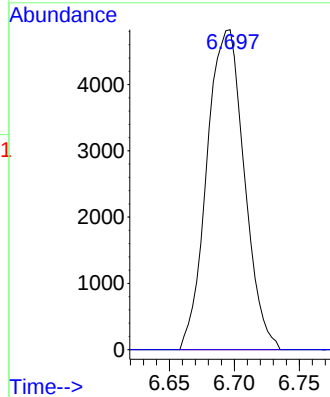
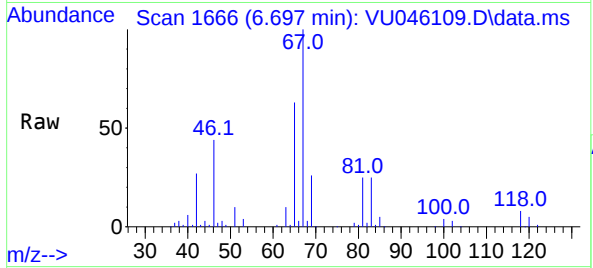




#37
1,2-Dichloropropane
Concen: 5.876 ug/L
RT: 6.697 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU046109.D
Acq: 06 Dec 2021 14:12

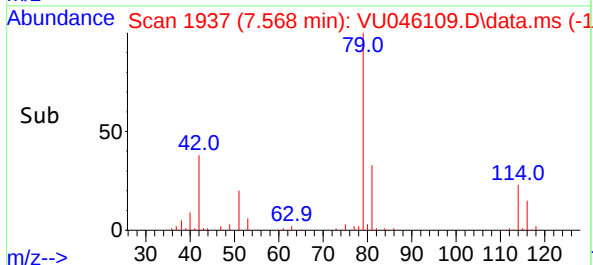
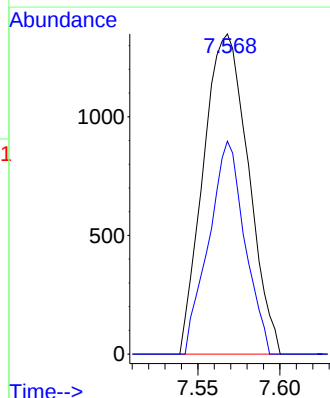
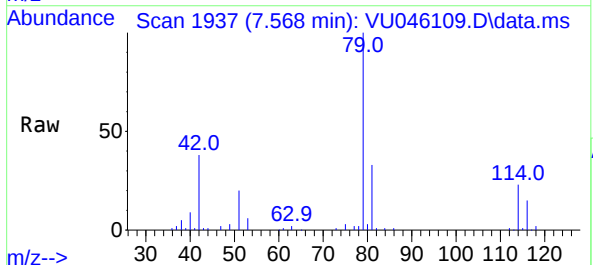
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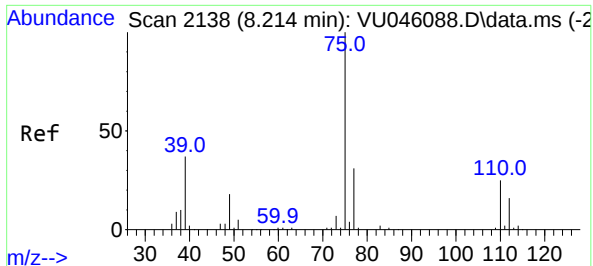
Tgt Ion: 63 Resp: 9668
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.027 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046109.D
Acq: 06 Dec 2021 14:12

Tgt Ion: 75 Resp: 2570
Ion Ratio Lower Upper
75 100
77 66.5 21.8 40.6#

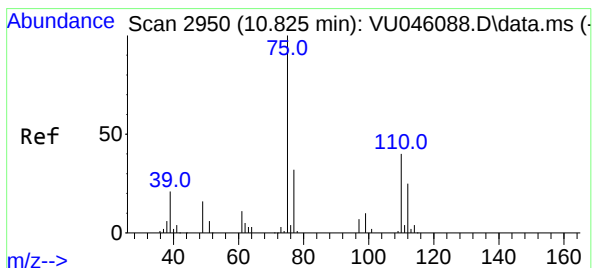
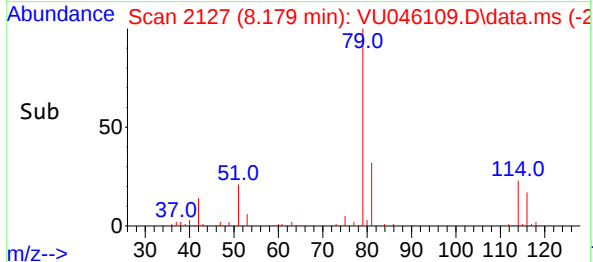
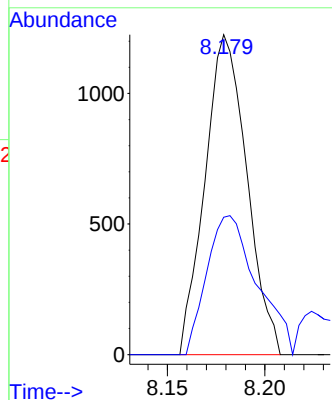
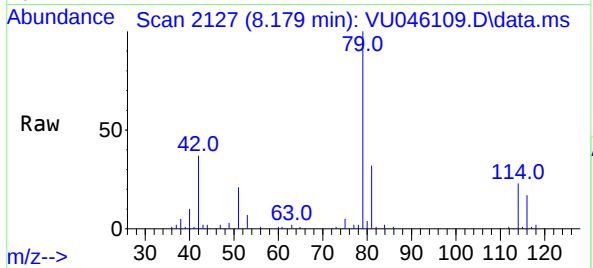




#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.036 min
Lab File: VU046109.D
Acq: 06 Dec 2021 14:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1828
Ion Ratio Lower Upper
75 100
77 42.9 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.055 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046109.D
Acq: 06 Dec 2021 14:12

Tgt Ion: 75 Resp: 11857
Ion Ratio Lower Upper
75 100
77 34.5 26.4 39.6
110 2.2 32.4 48.6#

