

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029672.D
 Acq On : 13 Dec 2022 23:51
 Operator : SY/MD
 Sample : N5980-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EQ3

Quant Time: Dec 14 01:14:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 23:56:43 2022
 Response via : Initial Calibration

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

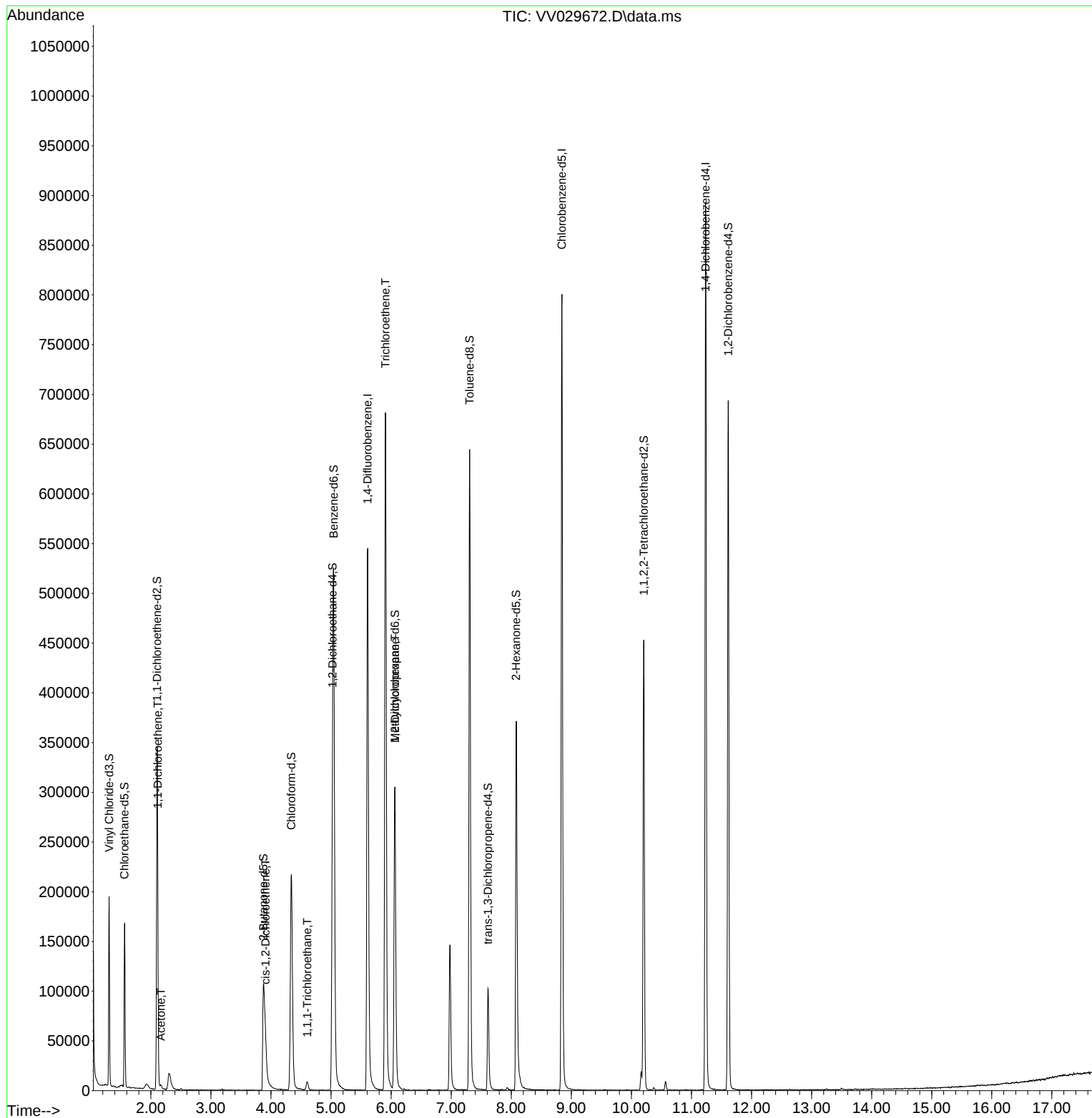
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	503819	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	467134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	238061	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119782	38.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.660%
7) Chloroethane-d5	1.561	69	105609	44.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.780%
11) 1,1-Dichloroethene-d2	2.105	63	172684	35.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.780%
21) 2-Butanone-d5	3.873	46	176567	93.817	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.820%
24) Chloroform-d	4.339	84	236220	40.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.380%
26) 1,2-Dichloroethane-d4	5.024	65	141904	42.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.600%
32) Benzene-d6	5.043	84	506738	41.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.100%
36) 1,2-Dichloropropane-d6	6.063	67	160522	42.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.160%
41) Toluene-d8	7.307	98	448420	38.557	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.120%#
43) trans-1,3-Dichloroprop...	7.613	79	65268	34.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.560%
47) 2-Hexanone-d5	8.082	63	145642	90.461	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.460%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227173	42.165	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	11.612	152	187068	41.279	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	17461	6.484	ug/L #	1
13) Acetone	2.166	43	3249	2.650	ug/L	97
20) cis-1,2-Dichloroethene	3.909	96	16908	4.955	ug/L	88
30) 1,1,1-Trichloroethane	4.603	97	7242	1.423	ug/L	99
34) Trichloroethene	5.905	95	248270	75.245	ug/L	99
35) Methylcyclohexane	6.063	83	37394	6.673	ug/L #	21

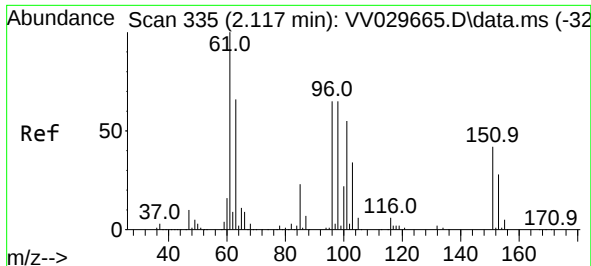
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.484 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029672.D

Acq: 13 Dec 2022 23:51

Instrument :

MSVOA_V

ClientSampleId :

C0EQ3

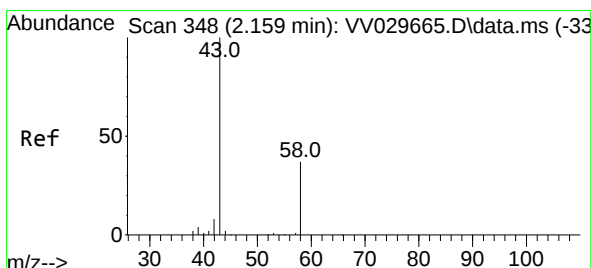
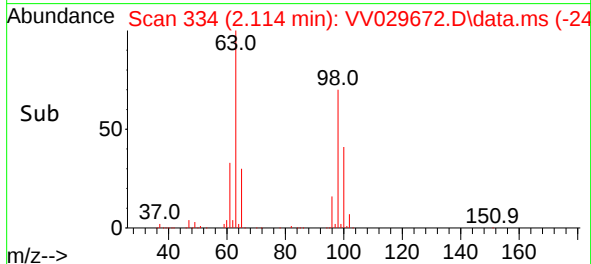
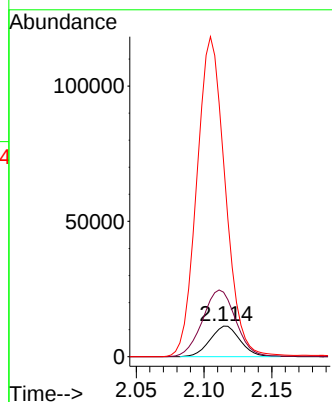
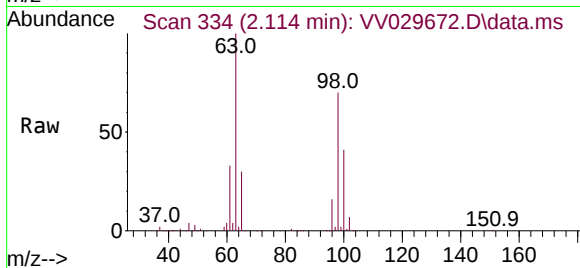
Tgt Ion: 96 Resp: 17461

Ion Ratio Lower Upper

96 100

61 211.5 103.3 191.9#

63 639.5 77.3 143.7#



#13

Acetone

Concen: 2.650 ug/L

RT: 2.166 min Scan# 350

Delta R.T. 0.007 min

Lab File: VV029672.D

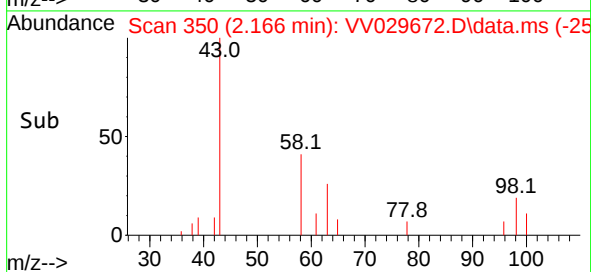
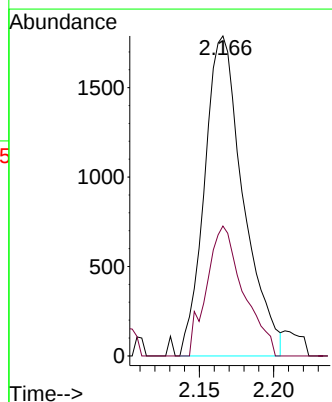
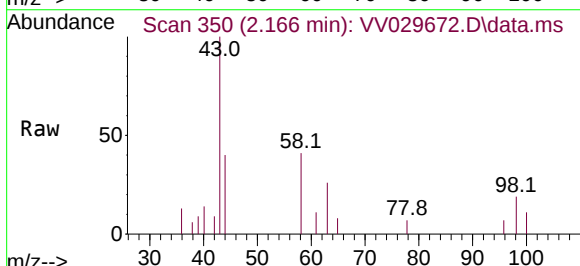
Acq: 13 Dec 2022 23:51

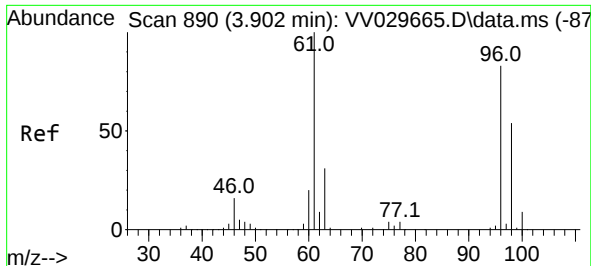
Tgt Ion: 43 Resp: 3249

Ion Ratio Lower Upper

43 100

58 35.8 0.0 74.8

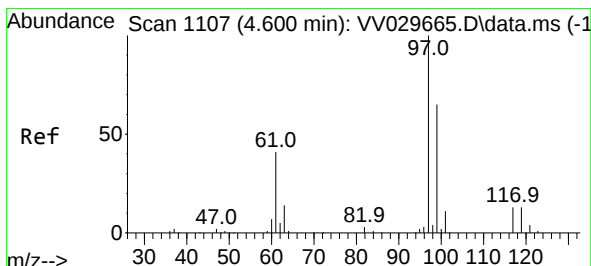
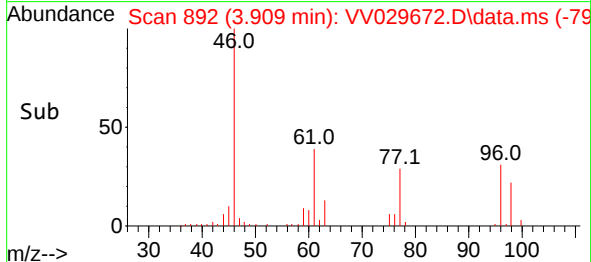
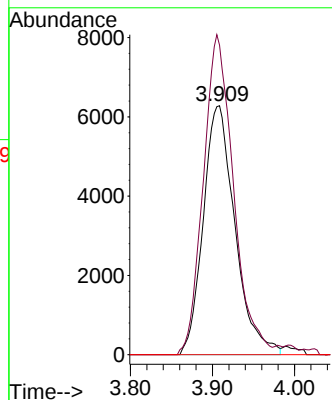
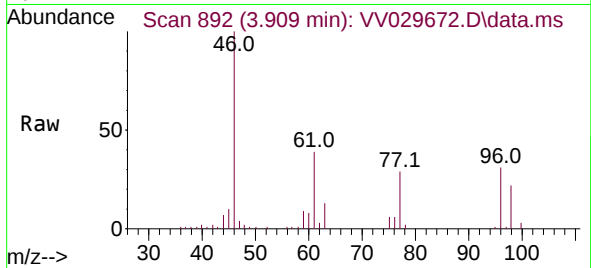




#20
 cis-1,2-Dichloroethene
 Concen: 4.955 ug/L
 RT: 3.909 min Scan# 890
 Delta R.T. 0.007 min
 Lab File: VV029672.D
 Acq: 13 Dec 2022 23:51

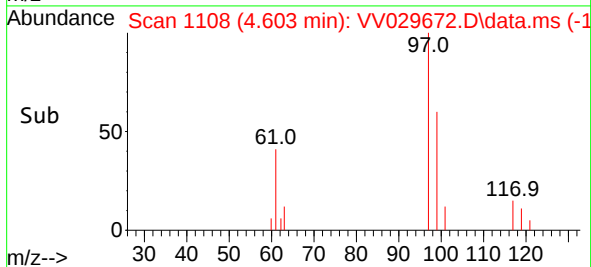
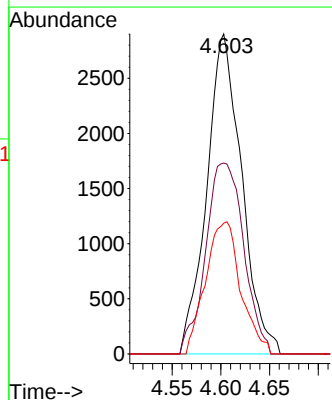
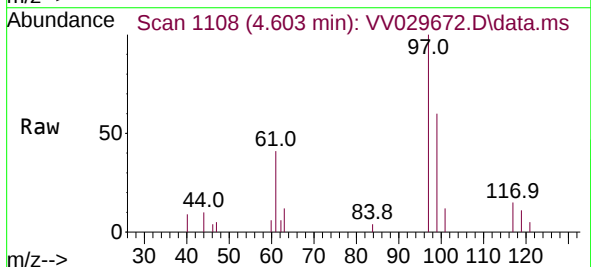
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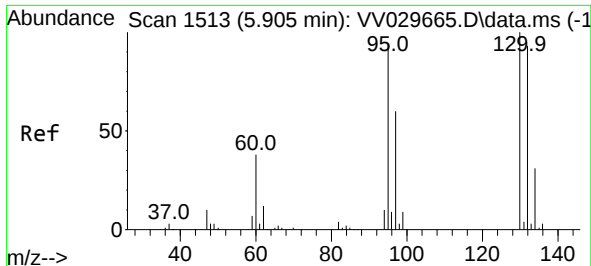
Tgt Ion: 96 Resp: 16908
 Ion Ratio Lower Upper
 96 100
 61 124.3 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.423 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV029672.D
 Acq: 13 Dec 2022 23:51

Tgt Ion: 97 Resp: 7242
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.1 78.1
 61 41.3 31.8 47.8

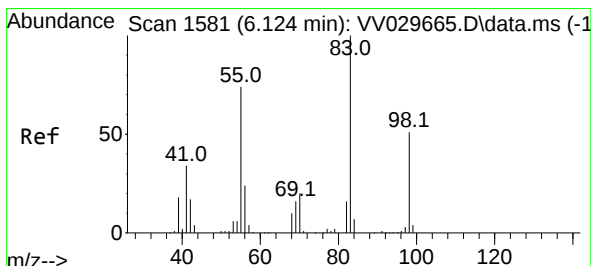
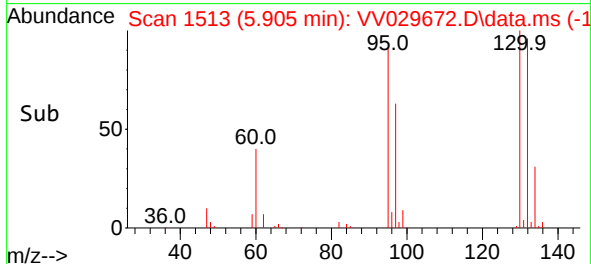
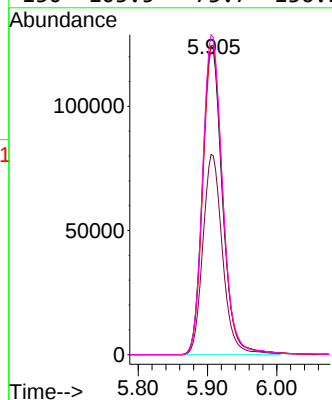
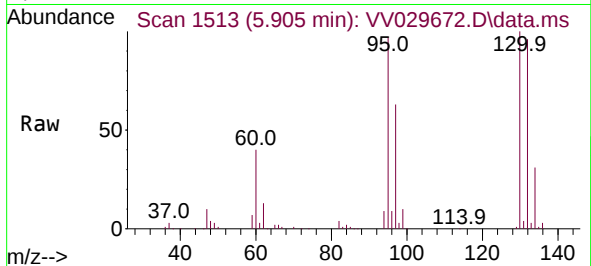




#34
Trichloroethene
Concen: 75.245 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029672.D
Acq: 13 Dec 2022 23:51

Instrument :
MSVOA_V
ClientSampleId :
C0EQ3

Tgt Ion: 95 Resp: 248270
Ion Ratio Lower Upper
95 100
97 64.8 44.0 81.8
132 99.8 69.9 129.9
130 103.5 73.7 136.9



#35
Methylcyclohexane
Concen: 6.673 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029672.D
Acq: 13 Dec 2022 23:51

Tgt Ion: 83 Resp: 37394
Ion Ratio Lower Upper
83 100
55 0.3 55.5 83.3#
98 1.4 39.8 59.8#

