

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
 Data File : VW018738.D
 Acq On : 22 Apr 2021 16:18
 Operator : SY/VA
 Sample : M2121-03
 Misc : 3.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 23 02:03:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 23 01:53:36 2021
 Response via : Initial Calibration

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

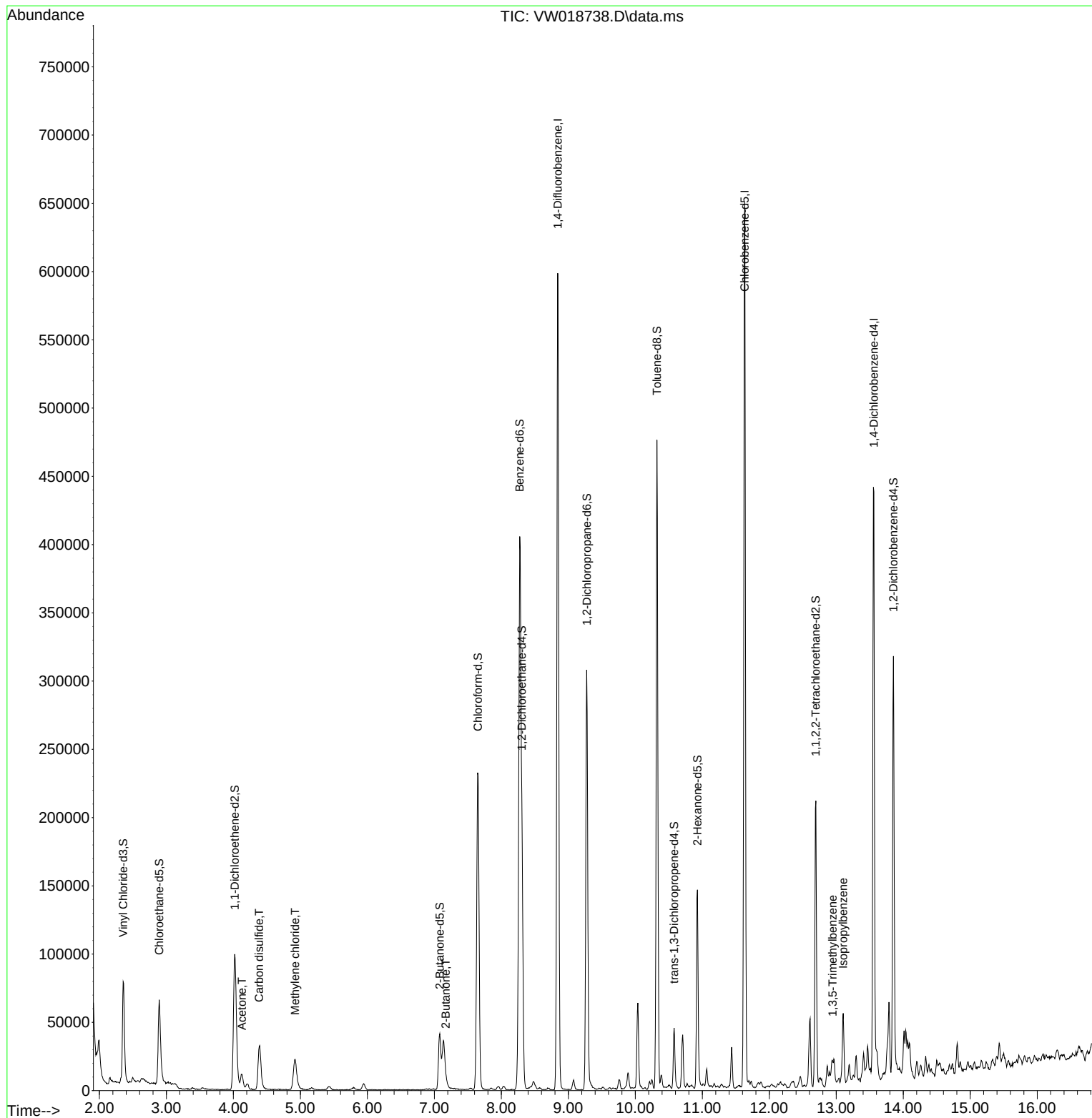
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	485764	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354475	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	111605	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84826	11.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.96%		
7) Chloroethane-d5	2.891	69	83825	12.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.24%		
11) 1,1-Dichloroethene-d2	4.019	63	111546	8.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	34.80%#		
21) 2-Butanone-d5	7.080	46	66438	39.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.08%		
24) Chloroform-d	7.653	84	241021	18.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.32%		
26) 1,2-Dichloroethane-d4	8.305	65	130165	17.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	69.48%#		
32) Benzene-d6	8.275	84	399863	19.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.92%		
36) 1,2-Dichloropropane-d6	9.274	67	140484	22.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.68%		
41) Toluene-d8	10.323	98	306029	16.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.36%		
43) trans-1,3-Dichloroprop...	10.579	79	24343	9.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	36.48%		
47) 2-Hexanone-d5	10.927	63	52493	48.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.34%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	101478	19.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.56%		
66) 1,2-Dichlorobenzene-d4	13.853	152	75192	19.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.72%		
Target Compounds						Qvalue
13) Acetone	4.129	43	18336	15.03	ug/L	89
14) Carbon disulfide	4.385	76	36074	1.90	ug/L	98
16) Methylene chloride	4.922	84	18984	2.38	ug/L	85
22) 2-Butanone	7.171	43	7701	4.16	ug/L #	70
60) Isopropylbenzene	13.103	105	32107	1.96	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	4685	0.34	ug/L	93

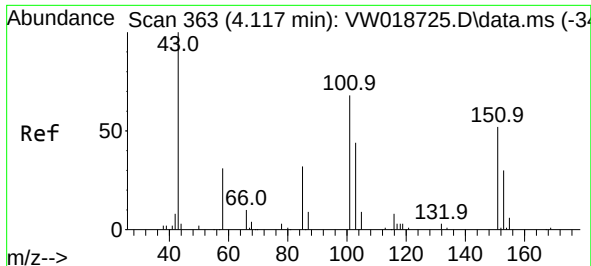
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 23 02:03:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 23 01:53:36 2021
Response via : Initial Calibration

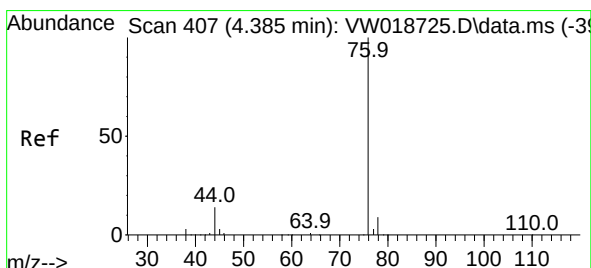
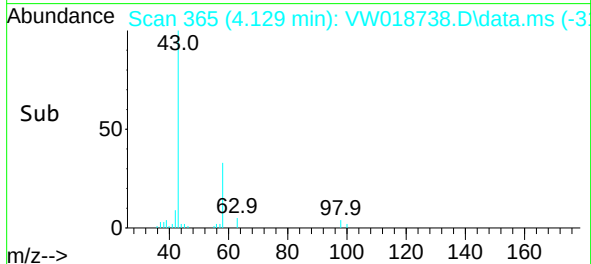
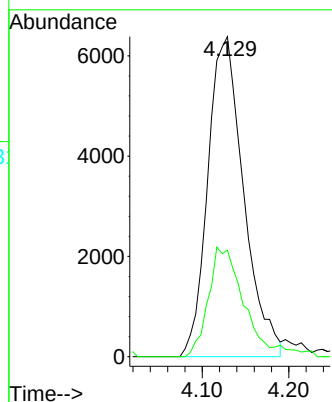
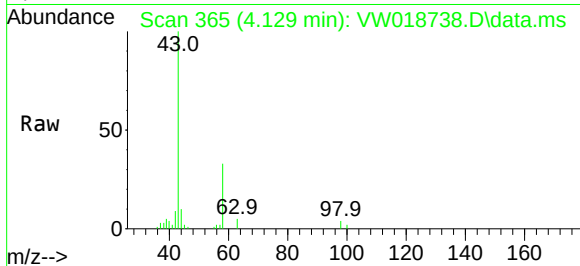




#13
Acetone
Concen: 15.03 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018738.D
Acq: 22 Apr 2021 16:18

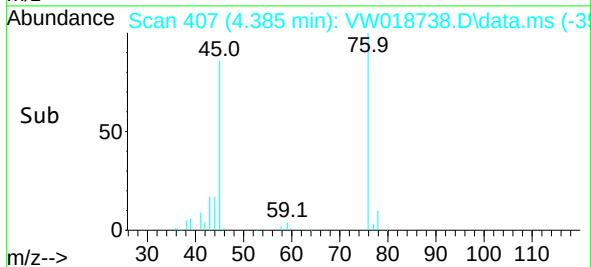
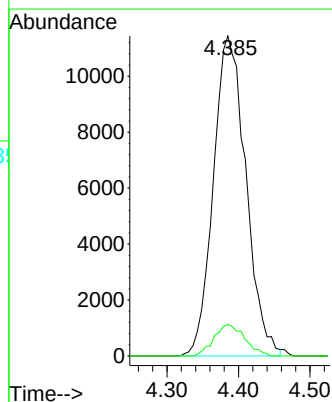
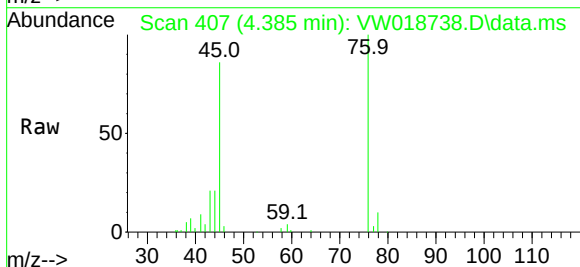
Instrument :
MSVOA_W
ClientSampled :

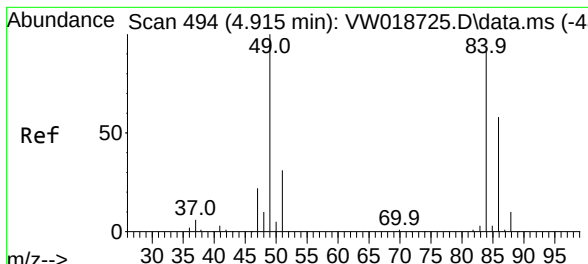
Tgt Ion: 43 Resp: 18336
Ion Ratio Lower Upper
43 100
58 32.4 0.0 53.8



#14
Carbon disulfide
Concen: 1.90 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018738.D
Acq: 22 Apr 2021 16:18

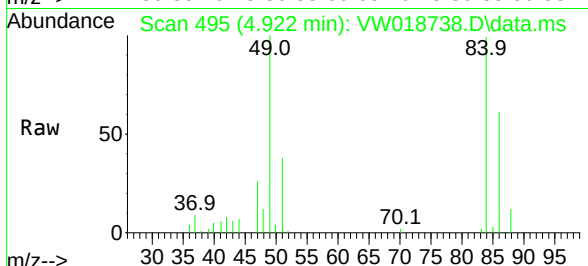
Tgt Ion: 76 Resp: 36074
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



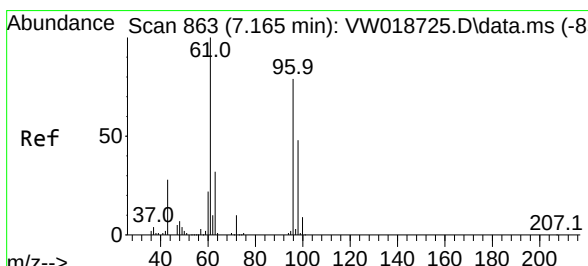
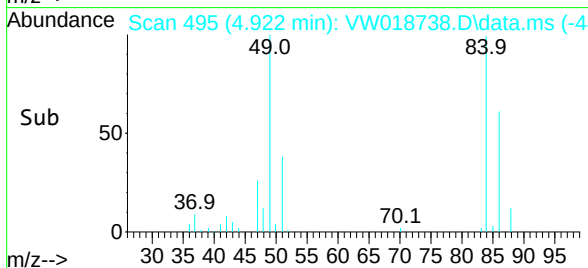
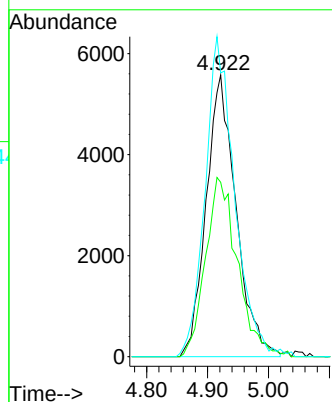


#16
Methylene chloride
Concen: 2.38 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018738.D
Acq: 22 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampled :

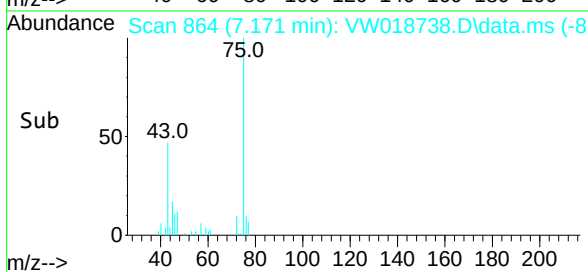
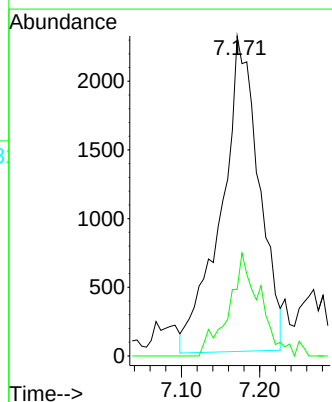
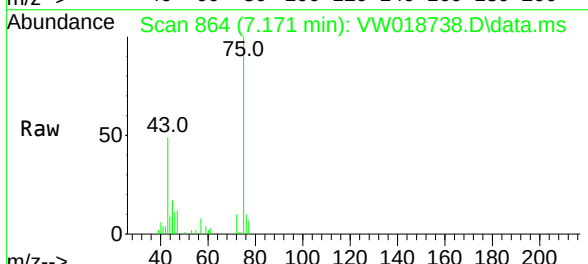


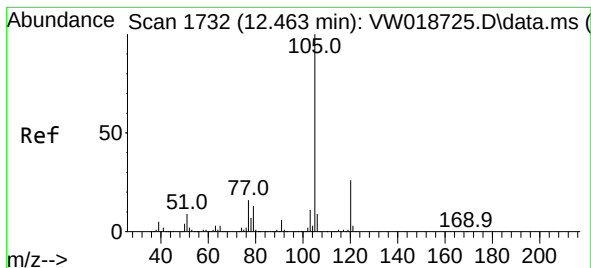
Tgt Ion:	84	Resp:	18984
Ion	Ratio	Lower	Upper
84	100		
86	61.9	45.3	84.1
49	100.7	86.6	160.8



#22
2-Butanone
Concen: 4.16 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018738.D
Acq: 22 Apr 2021 16:18

Tgt Ion:	43	Resp:	7701
Ion	Ratio	Lower	Upper
43	100		
72	13.5	14.9	44.7#

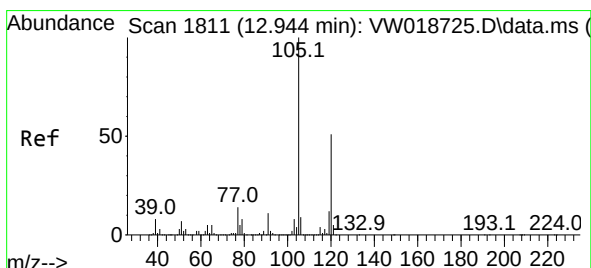
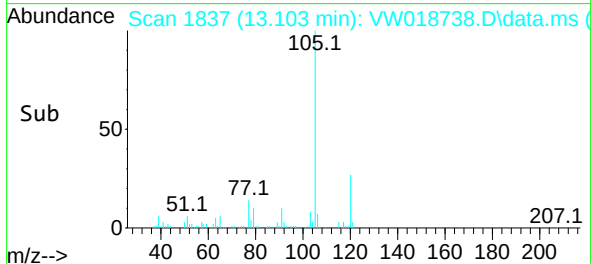
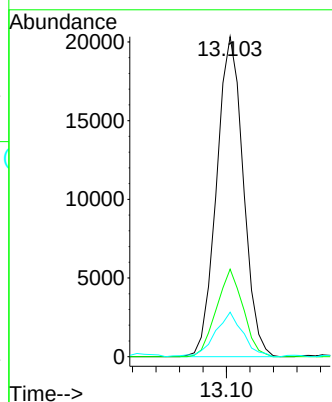
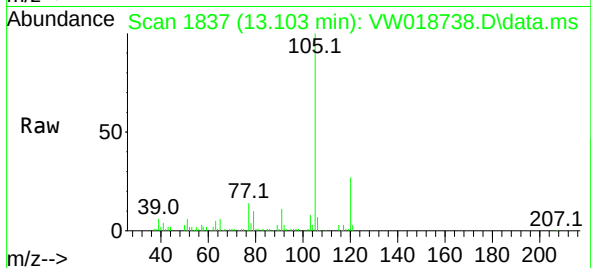




#60
Isopropylbenzene
Concen: 1.96 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW018738.D
Acq: 22 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 32107
Ion Ratio Lower Upper
105 100
120 27.3 21.1 31.7
77 14.4 13.2 19.8



#62
1,3,5-Trimethylbenzene
Concen: 0.34 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018738.D
Acq: 22 Apr 2021 16:18

Tgt Ion:105 Resp: 4685
Ion Ratio Lower Upper
105 100
120 44.1 39.0 58.6

