

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056710.D
 Acq On : 08 Dec 2023 19:29
 Operator : MD/SY
 Sample : 05687-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 21:00:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 08 20:56:24 2023
 Response via : Initial Calibration

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

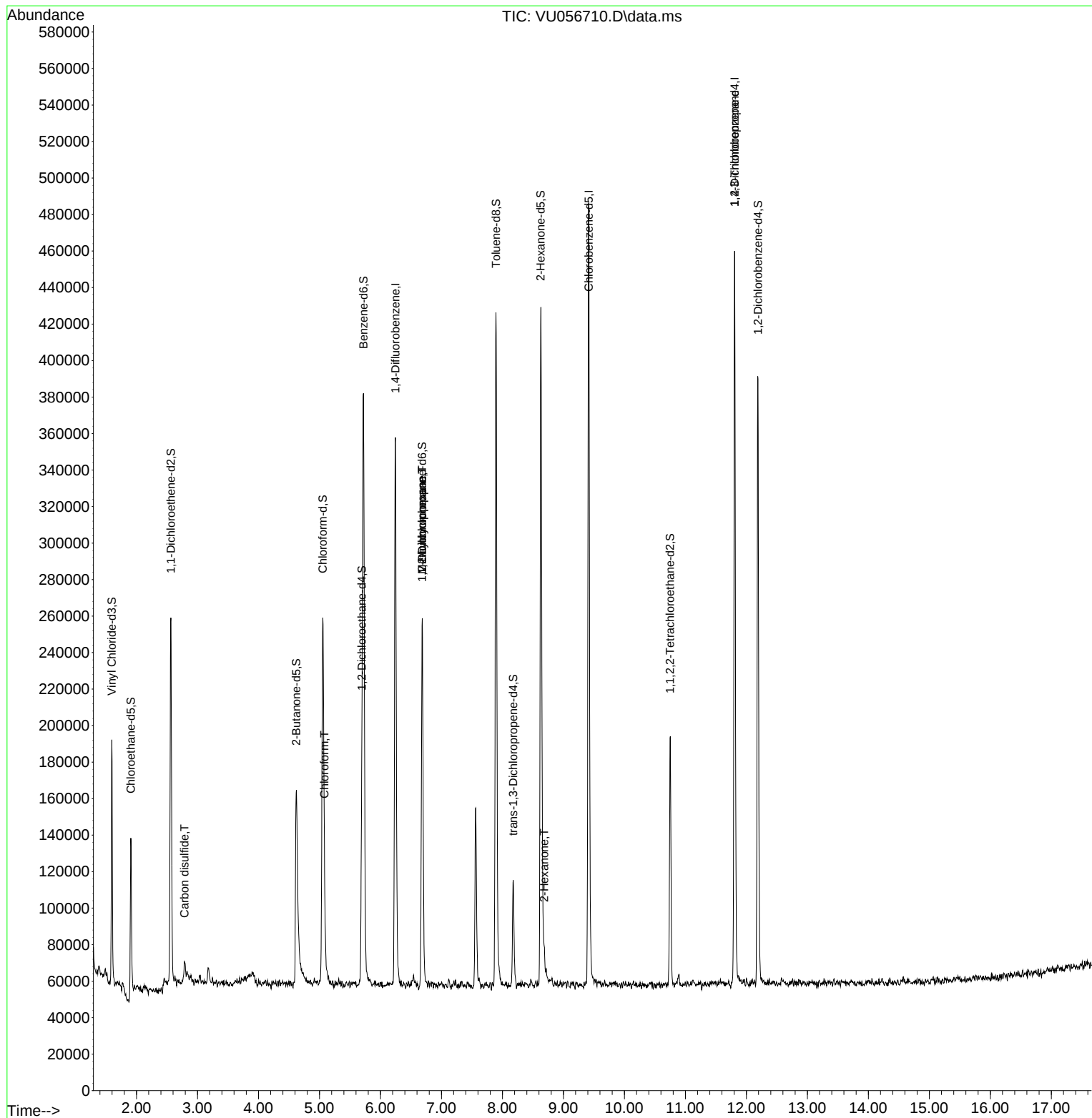
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90940	4.866	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.400%	
7) Chloroethane-d5	1.907	69	63793	4.452	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.563	65	38682	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.800%	
20) 2-Butanone-d5	4.621	46	170795	45.832	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.660%	
24) Chloroform-d	5.055	84	161909	4.479	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.695	65	79966	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.721	84	314862	4.171	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	6.685	67	98823	4.343	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.800%	
41) Toluene-d8	7.894	98	262646	3.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.177	79	36087	4.135	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.627	63	126797	36.975	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.960%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68670	4.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	87241	4.442	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.788	76	10015	0.201	ug/L	99
25) Chloroform	5.081	83	21689	0.642	ug/L	96
35) Methylcyclohexane	6.685	83	22774	0.801	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	10029	0.532	ug/L #	88
48) 2-Hexanone	8.685	43	6324	0.869	ug/L #	56
61) 1,2,3-Trichloropropane	11.807	75	13247	1.452	ug/L #	67

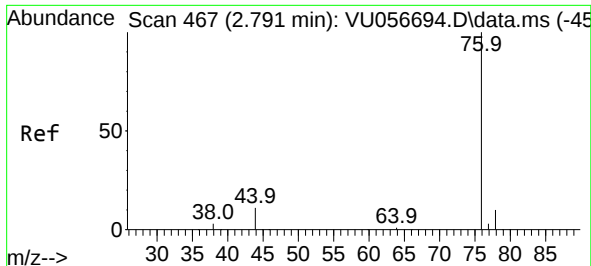
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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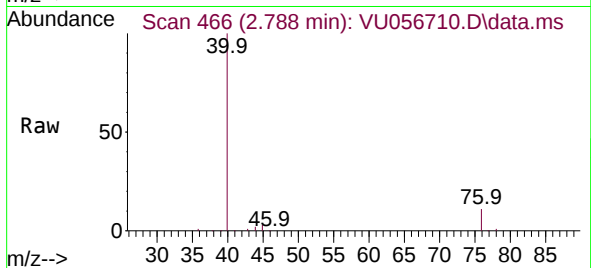
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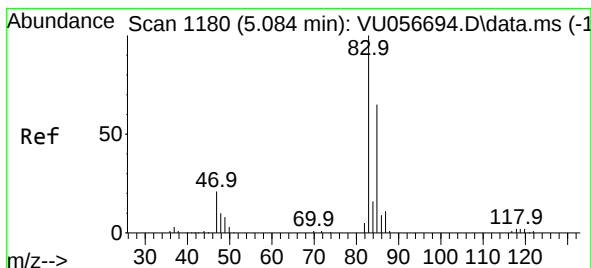
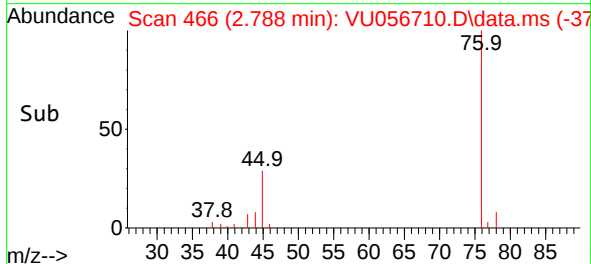
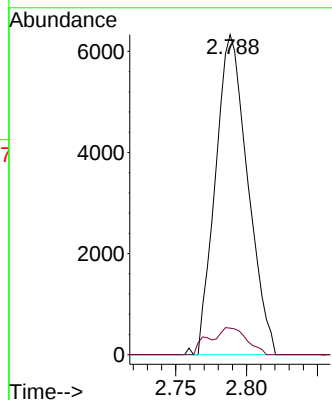


#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.788 min Scan# 4
Delta R.T. -0.003 min
Lab File: VU056710.D
Acq: 08 Dec 2023 19:29

Instrument :
MSVOA_U
ClientSampleId :

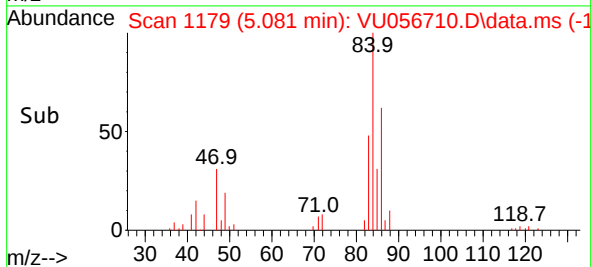
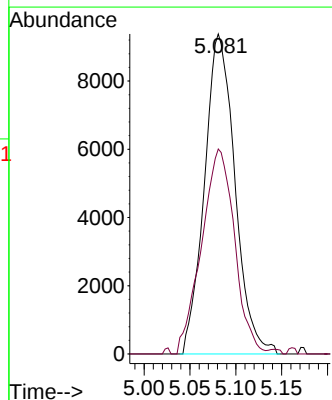
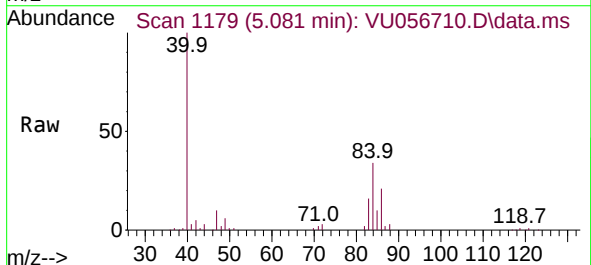


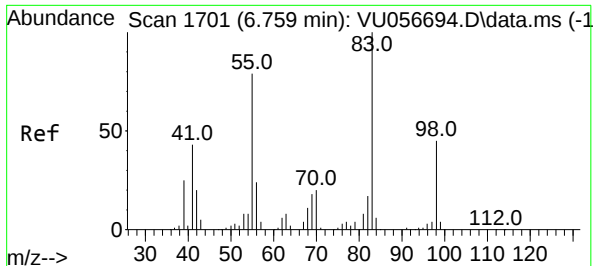
Tgt Ion: 76 Resp: 10015
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#25
Chloroform
Concen: 0.642 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU056710.D
Acq: 08 Dec 2023 19:29

Tgt Ion: 83 Resp: 21689
Ion Ratio Lower Upper
83 100
85 64.1 47.0 87.2





#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056710.D

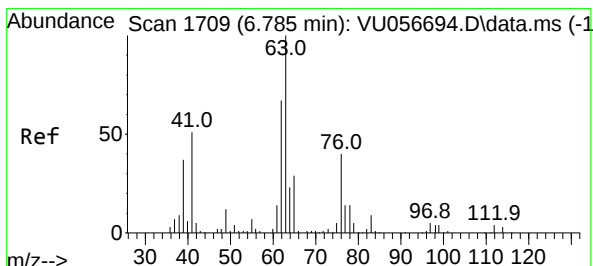
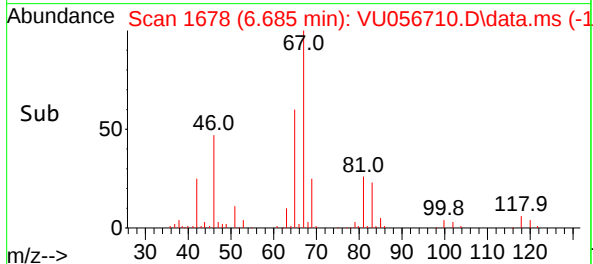
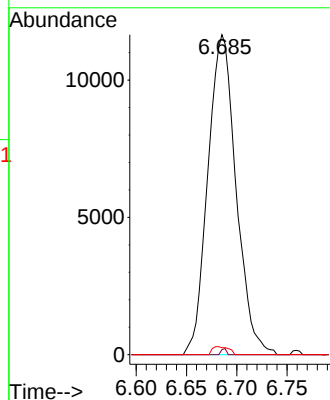
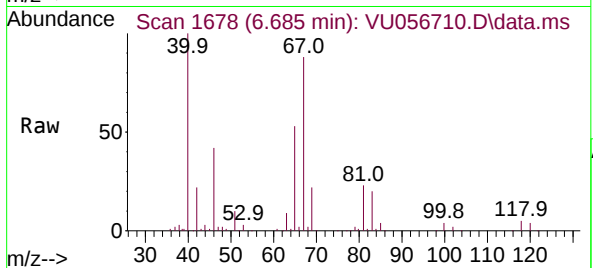
Acq: 08 Dec 2023 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 22774
Ion Ratio	Lower Upper
83 100	
55 0.3	62.9 94.3#
98 1.4	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.532 ug/L

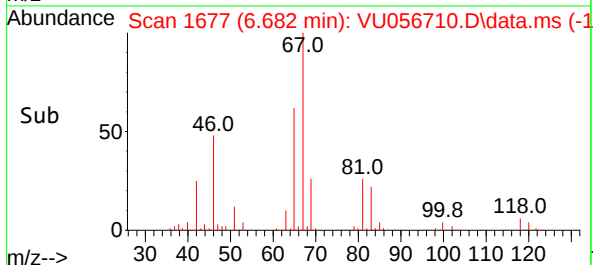
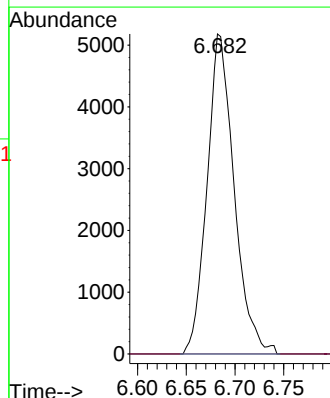
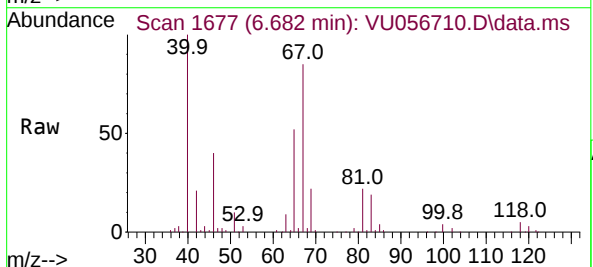
RT: 6.682 min Scan# 1677

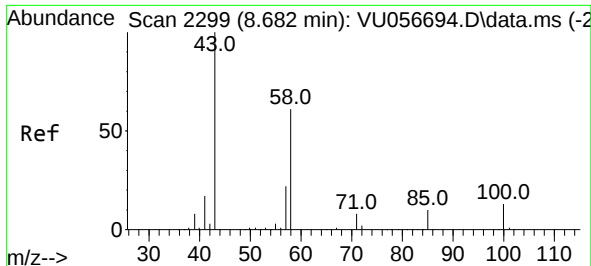
Delta R.T. -0.103 min

Lab File: VU056710.D

Acq: 08 Dec 2023 19:29

Tgt Ion: 63	Resp: 10029
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#

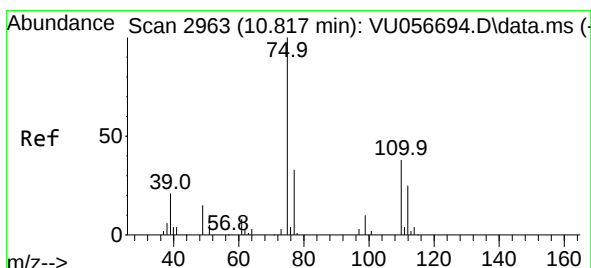
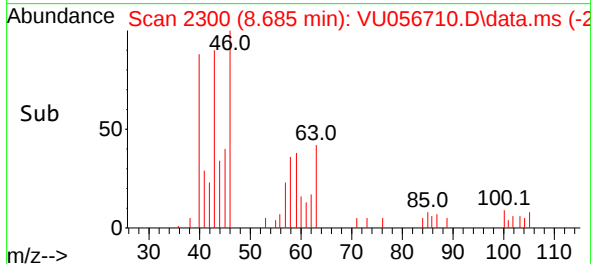
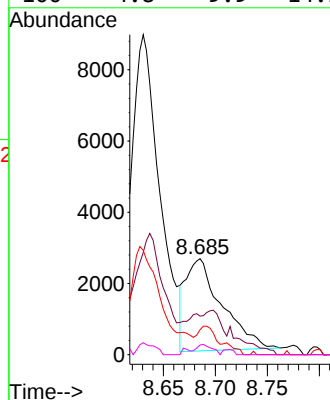
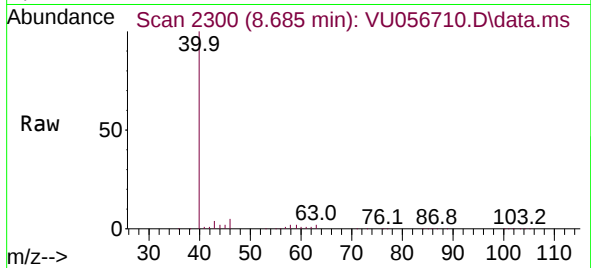




#48
2-Hexanone
Concen: 0.869 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056710.D
Acq: 08 Dec 2023 19:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 6324
Ion Ratio	Lower Upper
43 100	
58 13.3	48.7 73.1#
57 19.1	16.8 25.2
100 4.8	9.9 14.9#



#61
1,2,3-Trichloropropane
Concen: 1.452 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056710.D
Acq: 08 Dec 2023 19:29

Tgt Ion: 75	Resp: 13247
Ion Ratio	Lower Upper
75 100	
110 1.1	30.4 45.6#
77 35.1	27.0 40.6

