

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056623.D
 Acq On : 28 Nov 2023 12:28
 Operator : MD/SY
 Sample : 05554-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 23:49:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

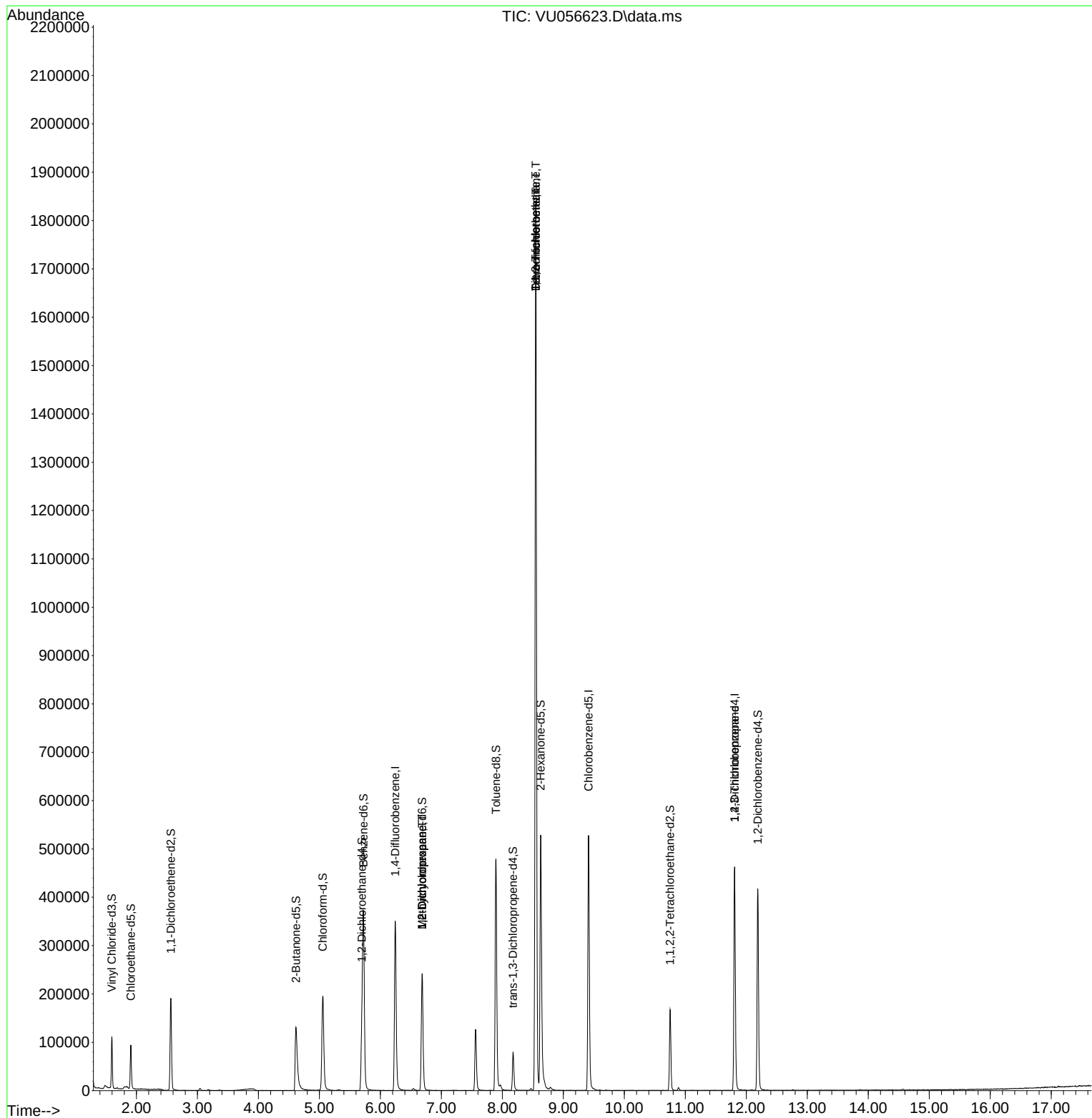
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	284716	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	301387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	124398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76032	3.570	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.400%	
7) Chloroethane-d5	1.908	69	68678	4.206	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.200%	
11) 1,1-Dichloroethene-d2	2.564	65	35410	3.768	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.615	46	208840	49.180	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.360%	
24) Chloroform-d	5.056	84	189141	4.592	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.695	65	95374	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.721	84	358824	3.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	6.682	67	118987	4.397	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.895	98	330949	4.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	8.174	79	46255	4.456	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.628	63	181872	44.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.180%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81894	4.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	109579	4.768	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	28482	0.842	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	12942	0.577	ug/L #	88
45) 1,1,2-Trichloroethane	8.544	97	3327	0.223	ug/L #	1
47) Tetrachloroethene	8.547	164	389725	24.666	ug/L	97
49) Dibromochloromethane	8.547	129	398320	23.452	ug/L #	12
61) 1,2,3-Trichloropropane	11.808	75	14543	1.363	ug/L #	67

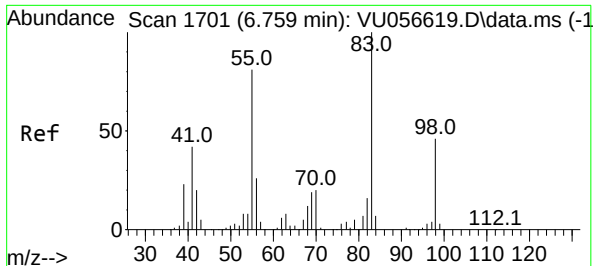
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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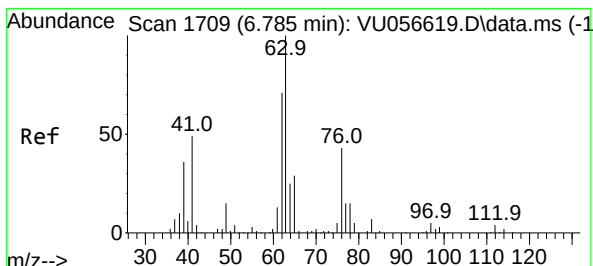
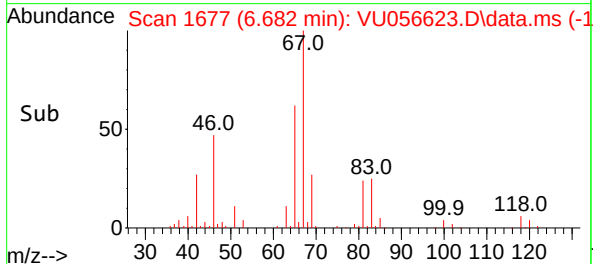
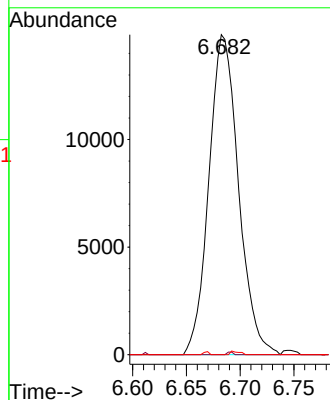
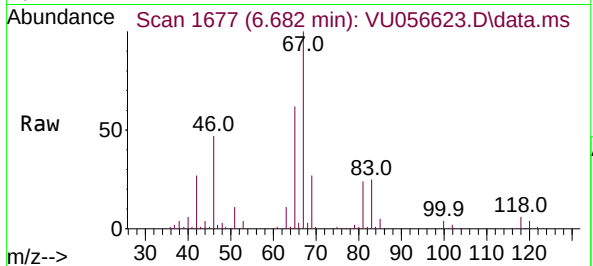




#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056623.D
Acq: 28 Nov 2023 12:28

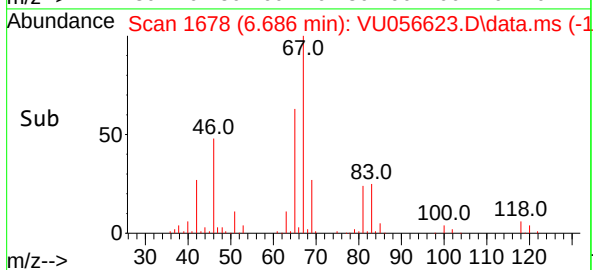
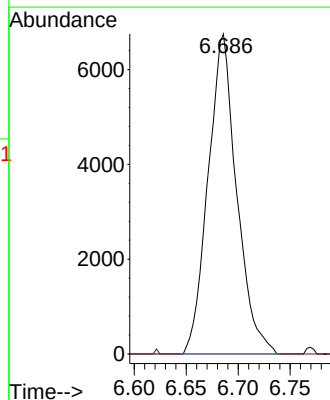
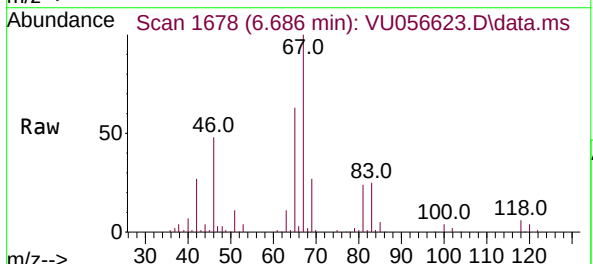
Instrument :
MSVOA_U
ClientSampleId :

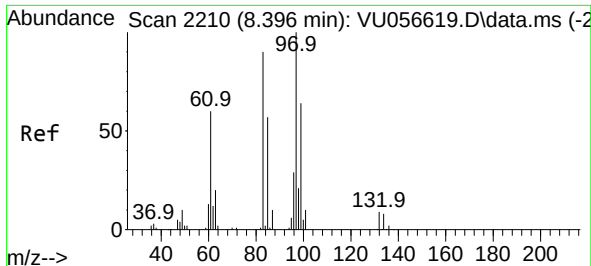
Tgt Ion: 83 Resp: 28482
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.3 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU056623.D
Acq: 28 Nov 2023 12:28

Tgt Ion: 63 Resp: 12942
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#

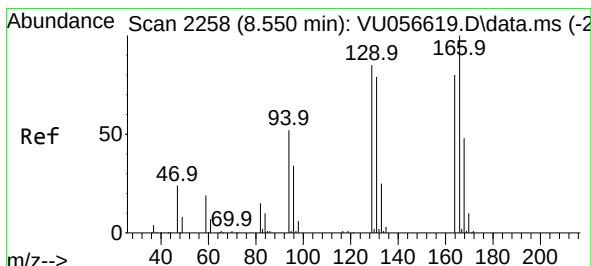
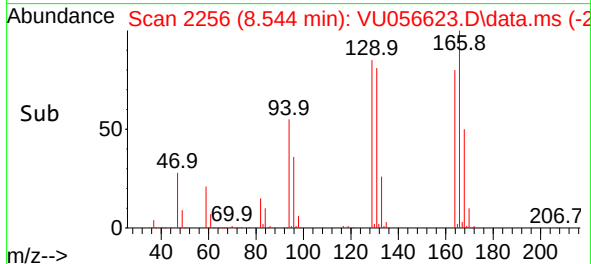
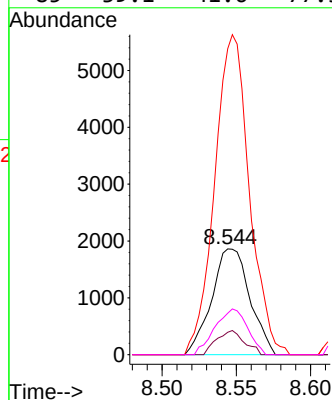
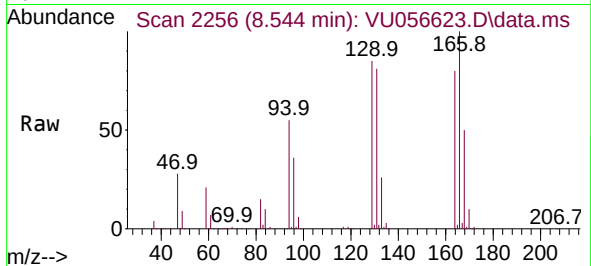




#45
1,1,2-Trichloroethane
Concen: 0.223 ug/L
RT: 8.544 min Scan# 21
Delta R.T. 0.148 min
Lab File: VU056623.D
Acq: 28 Nov 2023 12:28

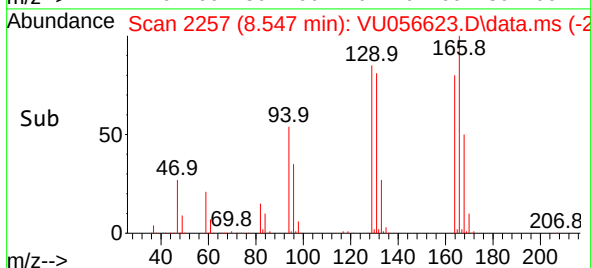
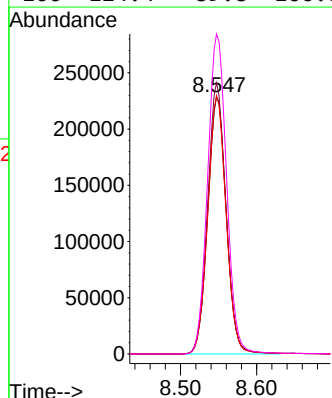
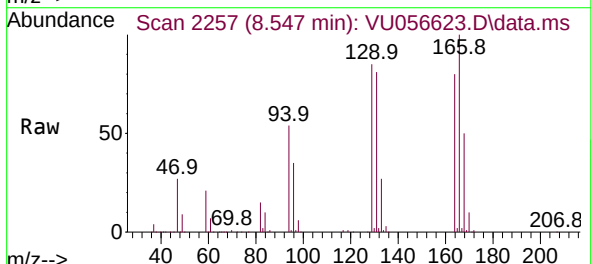
Instrument :
MSVOA_U
ClientSampleId :

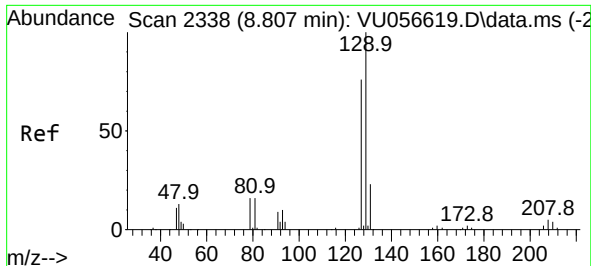
Tgt Ion: 97 Resp: 3327
Ion Ratio Lower Upper
97 100
99 21.2 44.3 82.3#
83 289.3 65.4 121.4#
85 39.1 41.6 77.3#



#47
Tetrachloroethene
Concen: 24.666 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056623.D
Acq: 28 Nov 2023 12:28

Tgt Ion:164 Resp: 389725
Ion Ratio Lower Upper
164 100
129 105.5 71.0 131.9
131 100.4 70.3 130.7
166 124.4 89.8 166.8

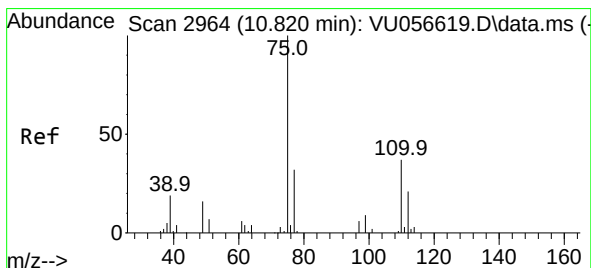
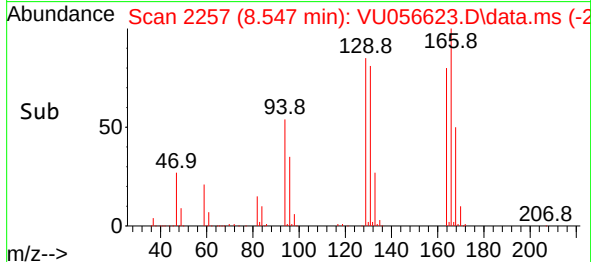
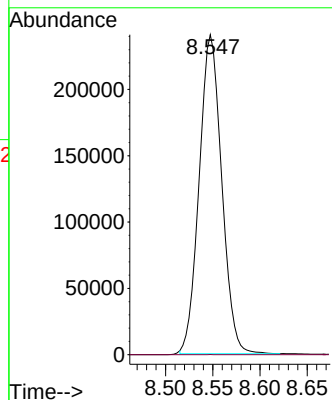
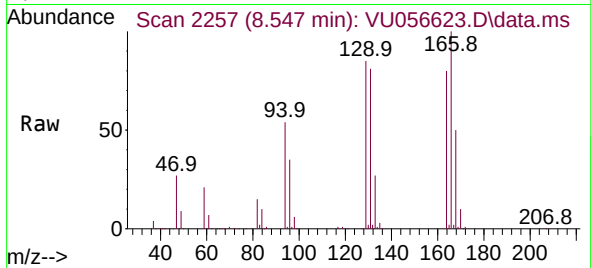




#49
Dibromochloromethane
Concen: 23.452 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU056623.D
Acq: 28 Nov 2023 12:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 398320
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.363 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056623.D
Acq: 28 Nov 2023 12:28

Tgt Ion: 75 Resp: 14543
Ion Ratio Lower Upper
75 100
110 3.1 30.4 45.6#
77 36.9 27.0 40.6

