

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120623\
 Data File : VU056663.D
 Acq On : 06 Dec 2023 14:56
 Operator : MD/SY
 Sample : 05642-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 04:53:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

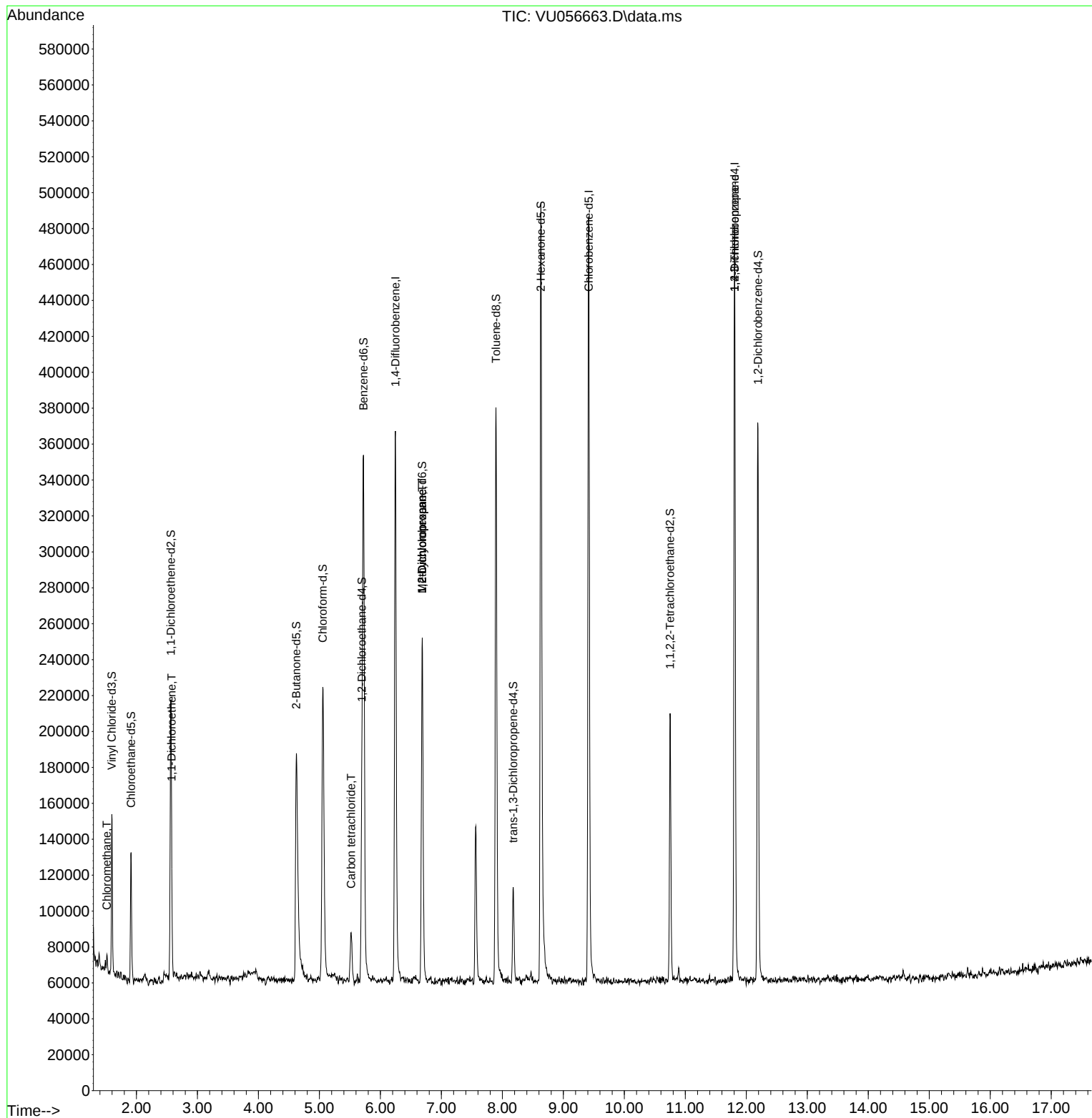
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61624	3.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.911	69	55099	3.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.563	65	29644	3.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.621	46	205890	55.325	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.640%
24) Chloroform-d	5.055	84	157784	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	78882	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	279519	3.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.685	67	93794	4.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.894	98	227342	3.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.177	79	31723	3.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.631	63	146170	42.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	75971	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	83018	3.969	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	6706	0.332	ug/L	94
12) 1,1-Dichloroethene	2.576	96	2095	0.137	ug/L #	1
31) Carbon tetrachloride	5.518	117	19634	0.786	ug/L	98
35) Methylcyclohexane	6.685	83	22145	0.779	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10985	0.583	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	12847	1.322	ug/L #	69

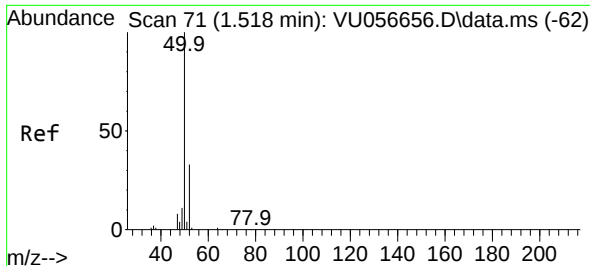
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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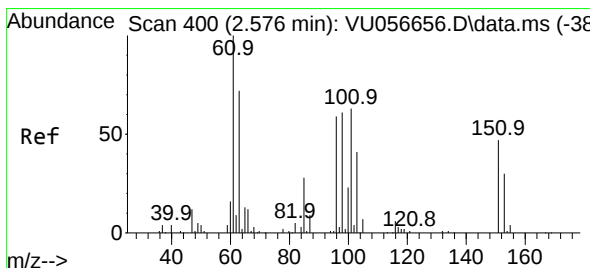
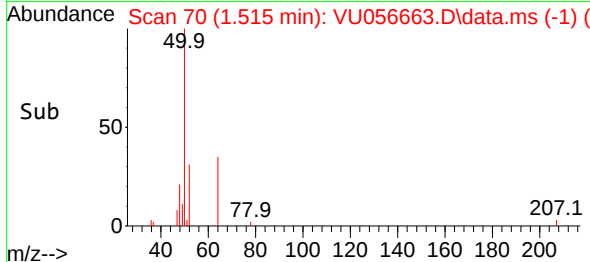
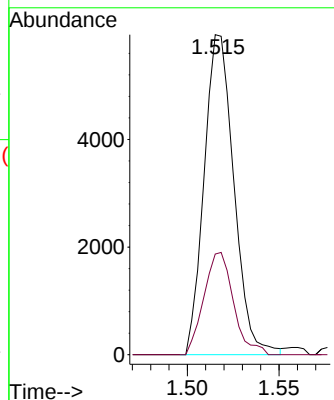
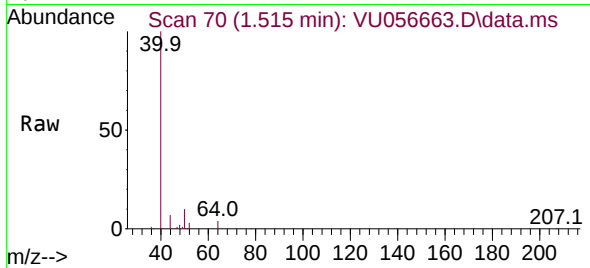




#3
Chloromethane
Concen: 0.332 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056663.D
Acq: 06 Dec 2023 14:56

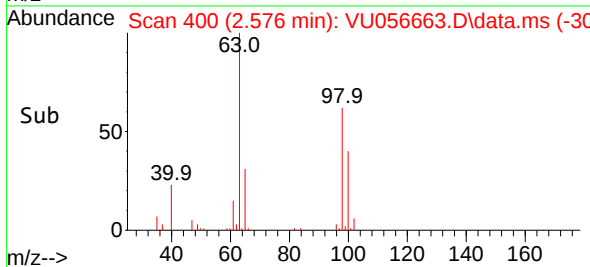
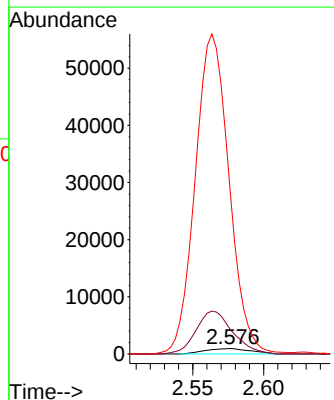
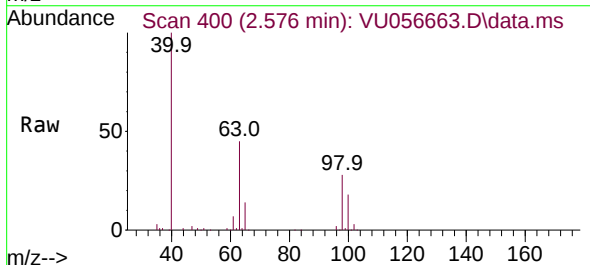
Instrument :
MSVOA_U
ClientSampleId :

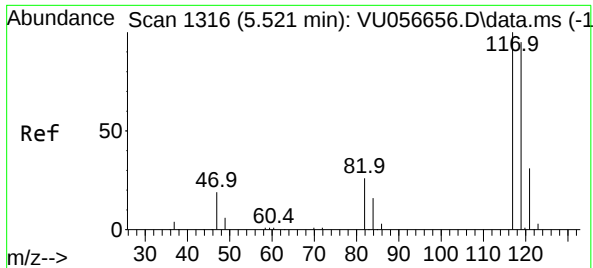
Tgt Ion: 50 Resp: 6706
Ion Ratio Lower Upper
50 100
52 31.5 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.137 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056663.D
Acq: 06 Dec 2023 14:56

Tgt Ion: 96 Resp: 2095
Ion Ratio Lower Upper
96 100
61 453.3 123.1 228.7#
63 3010.7 93.3 173.3#

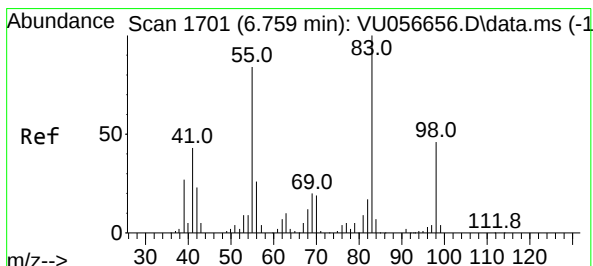
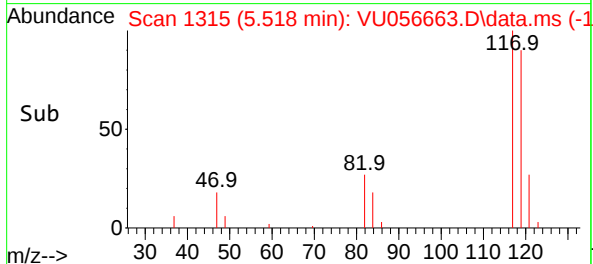
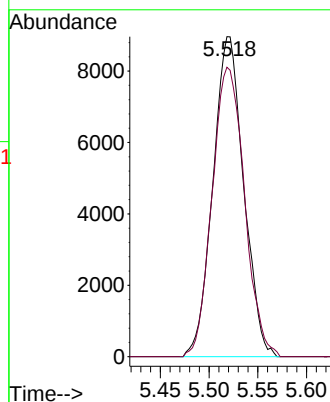
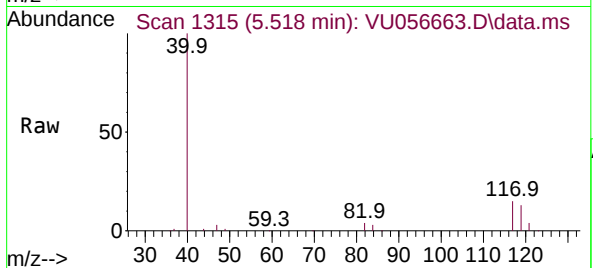




#31
Carbon tetrachloride
Concen: 0.786 ug/L
RT: 5.518 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056663.D
Acq: 06 Dec 2023 14:56

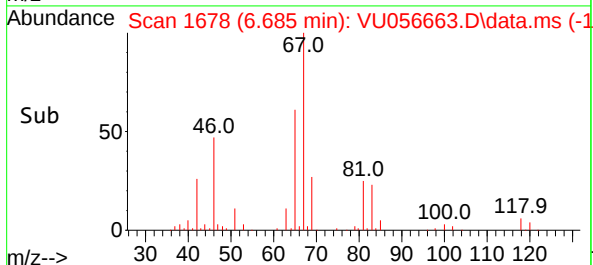
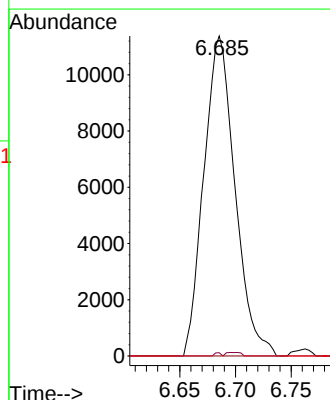
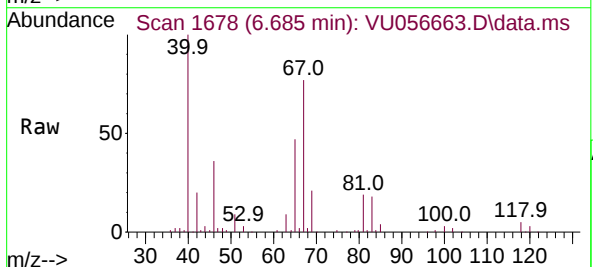
Instrument :
MSVOA_U
ClientSampleId :

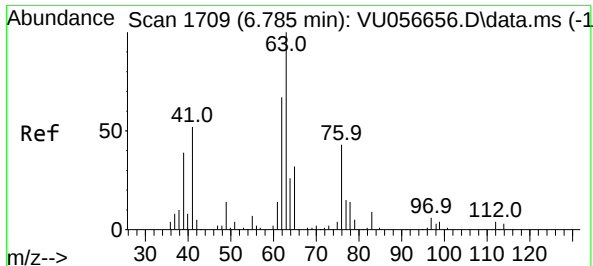
Tgt Ion:117 Resp: 19634
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1



#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056663.D
Acq: 06 Dec 2023 14:56

Tgt Ion: 83 Resp: 22145
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: 0.583 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056663.D

Acq: 06 Dec 2023 14:56

Instrument :

MSVOA_U

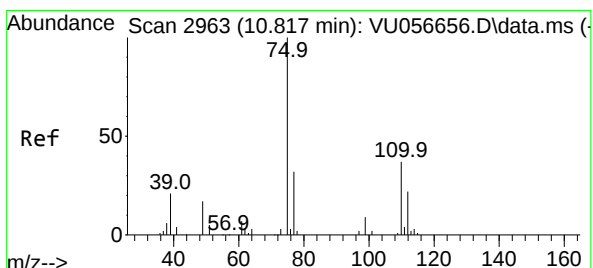
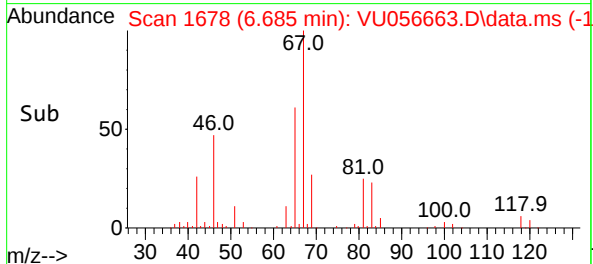
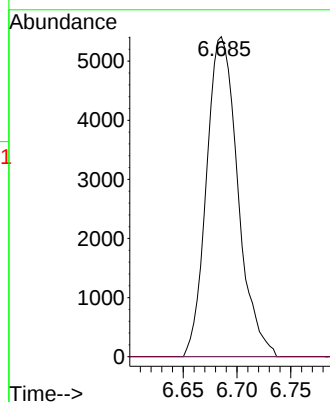
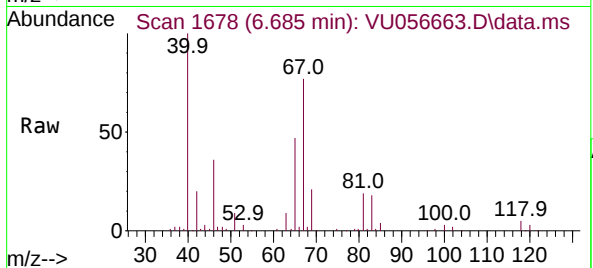
ClientSampleId :

Tgt Ion: 63 Resp: 10985

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 1.322 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056663.D

Acq: 06 Dec 2023 14:56

Tgt Ion: 75 Resp: 12847

Ion Ratio Lower Upper

75 100

110 3.3 30.4 45.6#

77 33.4 27.0 40.6

