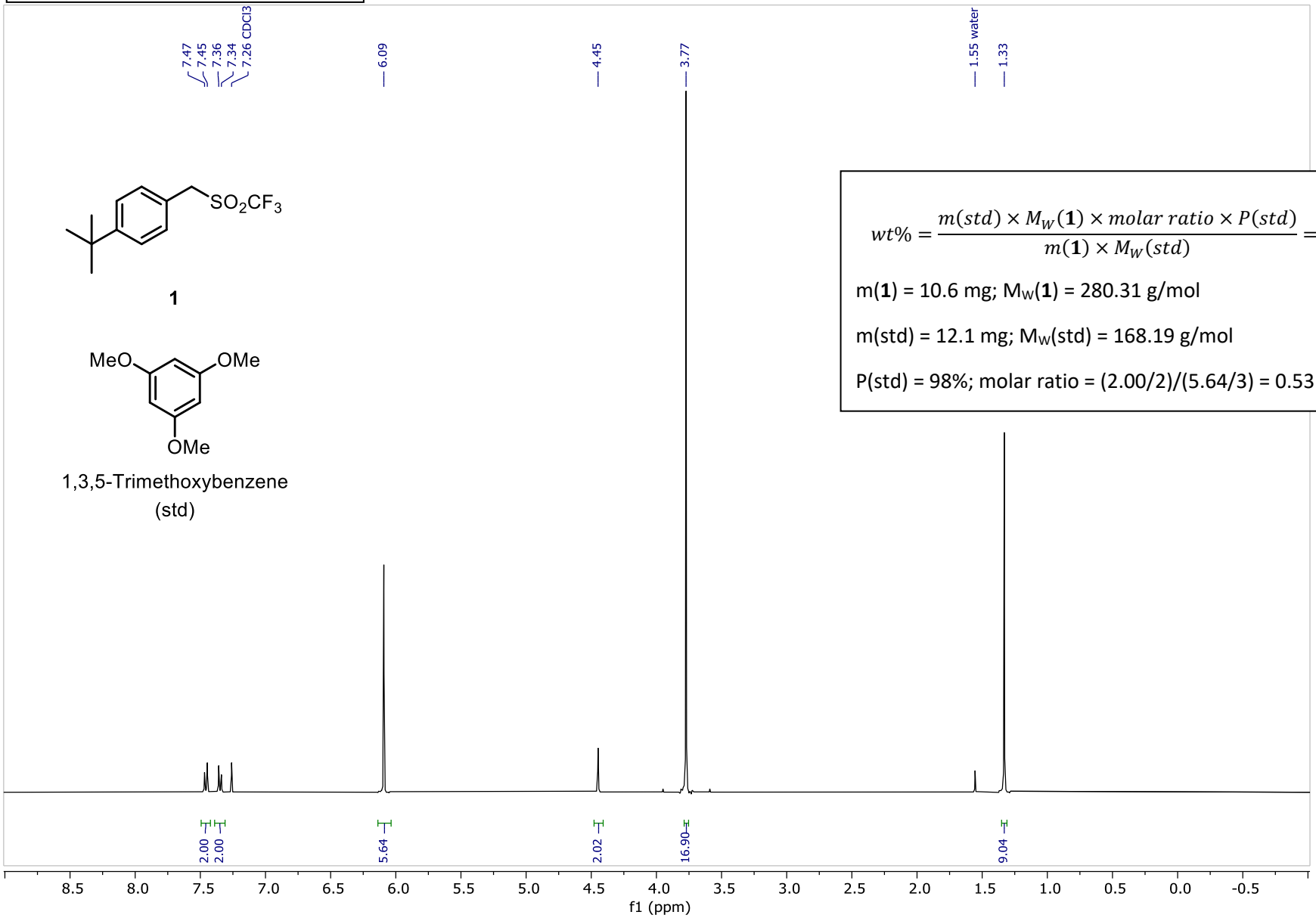
^{1}H NMR (400 MHz, $CDCl_3$)

1, qNMR (full scale)



1

1,3,5-Trimethoxybenzene
(std)

$$wt\% = \frac{m(std) \times M_W(\mathbf{1}) \times molar\ ratio \times P(std)}{m(\mathbf{1}) \times M_W(std)} = \mathbf{99}\%$$

m(**1**) = 10.6 mg; M_W(**1**) = 280.31 g/mol

m(std) = 12.1 mg; M_W(std) = 168.19 g/mol

P(std) = 98%; molar ratio = (2.00/2)/(5.64/3) = 0.53