



**Figure 1.2:** Photoionization mass spectrum of mixed  $\text{Cs}_k\text{H}_m\text{O}_n$  clusters in helium nanodroplets<sup>[4]</sup> (detailed views). Abscissa: Ion mass [amu]. Ordinate: Photoionization yield [arb. u.]. Axis ticks in all plots are equidistant. Filled and labelled peaks correspond to clusters calculated in this work.