



Figure 11.2. Raman spectra of fatty acids and lipoproteins. Comparison of the different Raman spectra obtained from saturated and unsaturated fatty acids in comparison to the one obtained from a single VLDL lipoprotein. Note the sharp structural peaks in the 1000–1150 cm^{-1} range in the saturated lipid palmitic acid, which are also partially reflected in the VLDL spectrum, representing its heterogeneous fat content.