

**Figure S1.** Score plot (a) for the first two PCs, eigenvector (b) and eigenvalue (c) resulted from the PCA analysis performed on the 2nd derivative of the 950-1180 cm<sup>-1</sup> region of the FTIR spectra of the samples. Points are coloured depending on the province (yellow = PU; orange = AN; light grey = MC; grey = AP) and on the type of the contained berry (yellow, orange, light grey and grey = sour cherry; pink = blackthorn; violet = cherry; green = grape).

