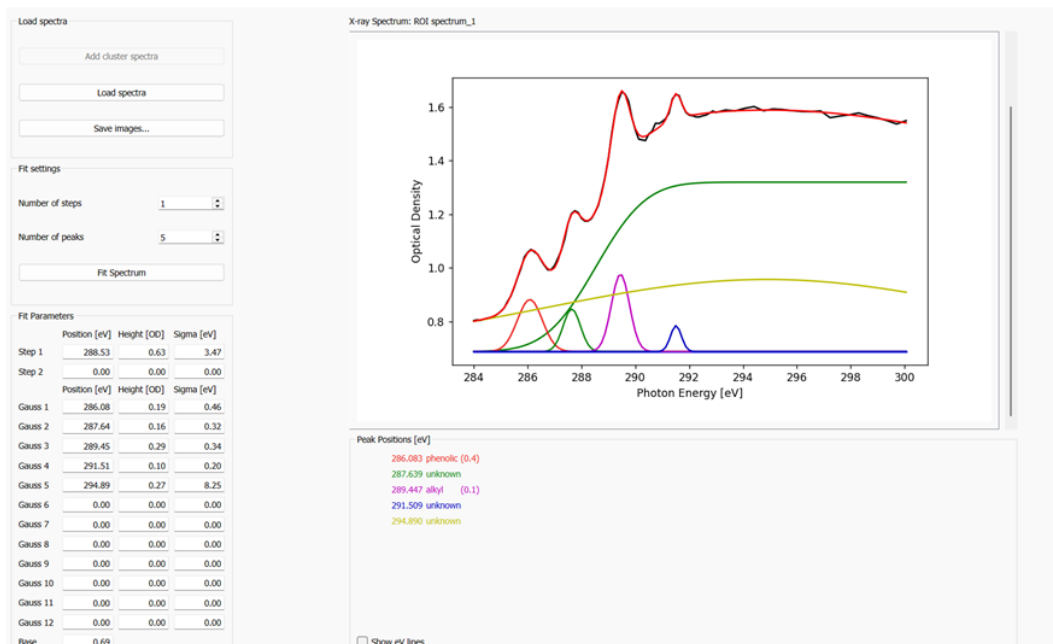


Supplementary figures for review :



Figure 1. Picture of the forest soil profile during sampling.

Area 1



Area 5

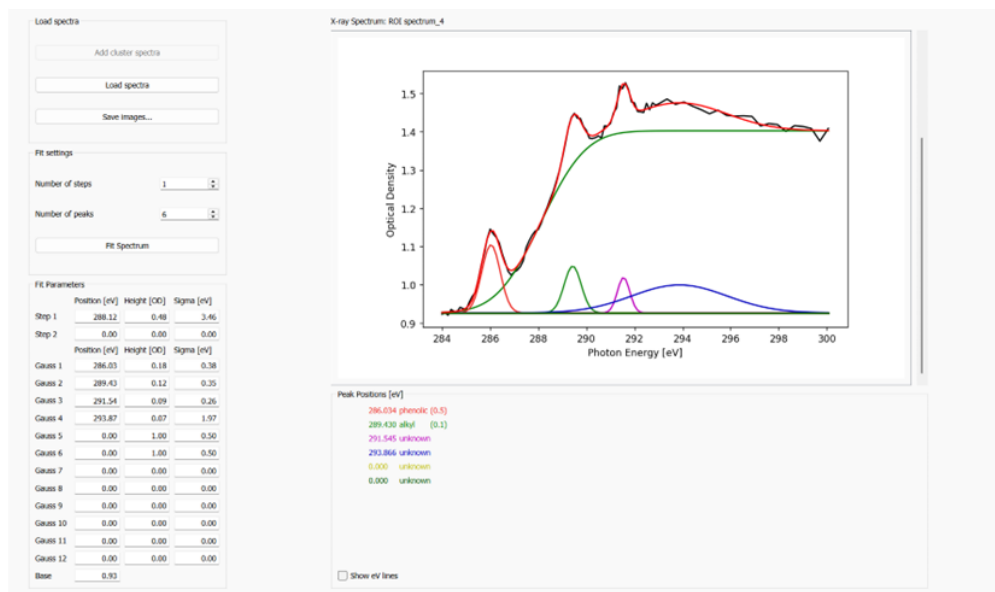


Figure 2. Deconvolution procedures applied to the C K-edge spectra of area 1 rich in C+Fe+Al and area 5 rich in C+Al. In this figure, the energy shift is not corrected, which explains why the peak at 286.6 in figure 7 is slightly shifted in energy in this figure.