# Raman

Software for Raman spectra analysis.

## Open Single Spectrum Files

Opens one or multiple spectrum files.

Expected format of file: Each line has two values separated by space. First value is x coordinate, second value is y coordinate.

## Open Multi Spectrum Files

Opens one or multiple spectrum files.

Expected format of file:

First line contains x coordinates (separated by space).

Second line contains y coordinates (separated by space) of first spectrum.

Third line contains y coordinates (separated by space) of second spectrum.

## Zoom

User can Zoom In and Zoom Out just scrolling mouse middle button. Dragging mouse middle button moves the view.

## Zoom Windows

Draw rectangle to see specific part of spectrum.

## Zoom To Original Size

Shows whole spectrum.

## Baseline Correction

Click at multiple positions (at least 4) on spectrum to create baseline. You can remove any point by clicking right mouse button and selecting context menu *Remove Closest Point*.

## Peak Analysis

Select border points on baseline which represents the peak. You can remove any point by clicking right mouse button and selecting context menu *Remove Closest Point*.

## Cut Off

Enables to cut off left and right part of spectrum.

**Format of file with exported peaks**

Spectrum_Name,Peak_Number,Peak_Start,Peak_End,Peak_Height,Peak_Position,Area