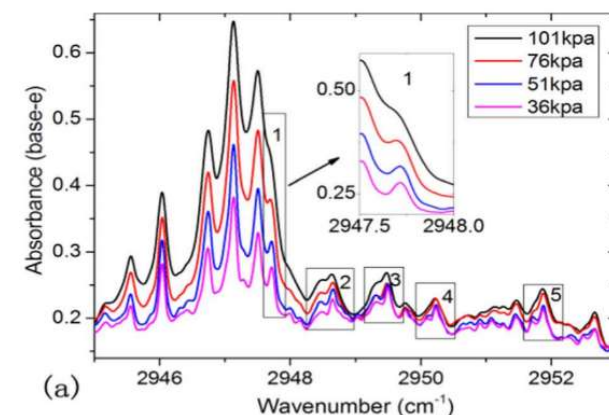


- MIR spectra are characterized the signatures of molecules, e.g. volatile organic compounds (VOCs)
- Have you ever been troubled by the low accuracy of mid-infrared spectroscopy with broadband absorption?
- Have you ever troubled by interferences due to spectral overlapping, optical fringe, scattering, or non specific absorption?
- Have you ever troubled by spectral line distortion due to the nonlinear response of the photodetector and pre-amplifier?
- If you want reliable spectroscopy with a defined uncertainty or traceability.



The v<sub>2</sub>-band absorbance of CH<sub>3</sub>SH under various pressures

**Let's go:** Quantity Determination and Traceability for Super-resolution Mid-infrared Laser Absorption Spectroscopy