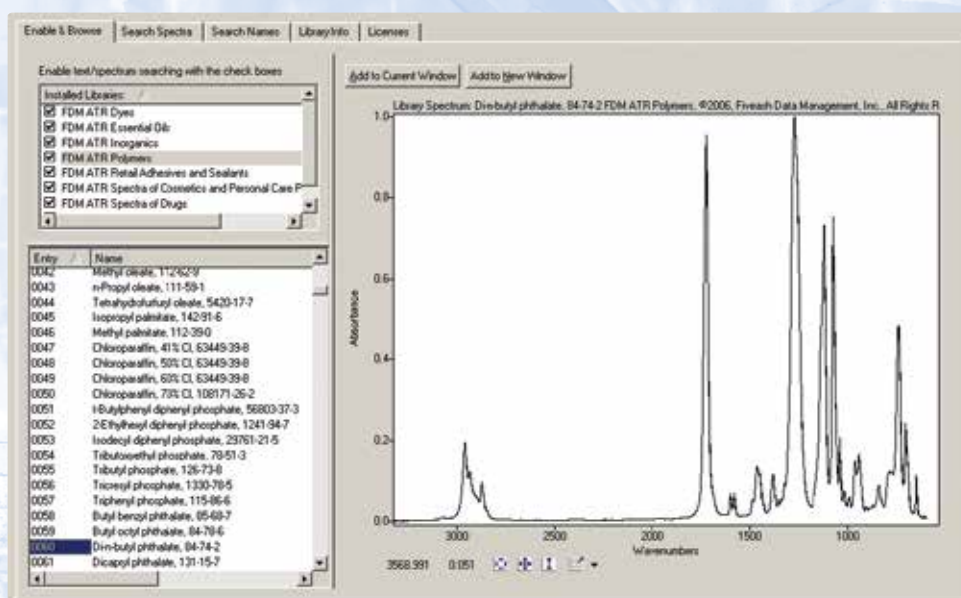


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## Why Diamond ATR Spectra?

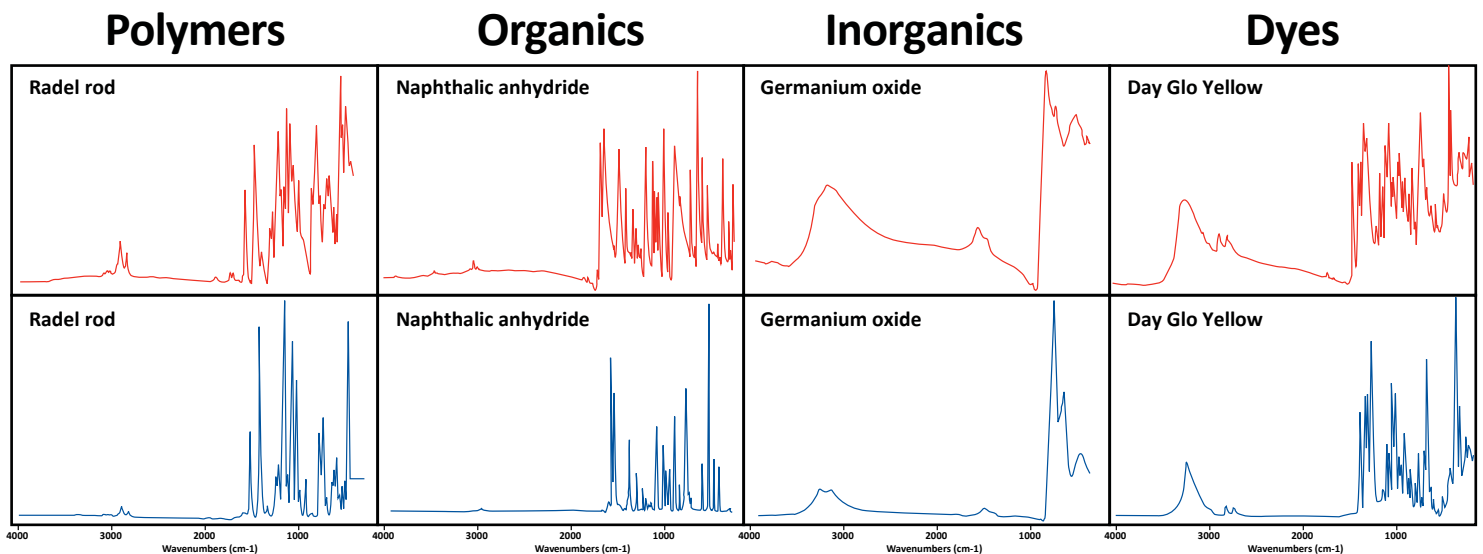
- Wider spectral range than ZnSe
- Improved baselines compared to diamond on ZnSe crystals
- Improved baselines compared to a diamond /ZnSe hybrid crystal
- Suitable for a wide range of compounds

## Why Germanium ATR spectra?

- Ge's high refractive index (4.0) tames ugly refractive index problems seen on lower refractive index ATR crystals like diamond (2.4) or ZnSe (2.4).
- Excellent, very clean baselines
- Highly reproducible
- No phonon bands
- Transmission-like peak shapes
- Spectra run on a Ge ATR crystal are superior to running ATR correction algorithms on spectra run on diamond and/or ZnSe ATR crystals.

## Why both?

- So you can see everything



These spectra show how diamond spectra (top) and Germanium spectra (bottom) can differ.