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We present chemical abundances in the photospheres of two δ Scuti type stars – the prototype of the class, δ Scuti, and V2314 Oph. The abundances were determined from spectra obtained with the 2-m telescope at the Peak Terskol Observatory and a high-resolution spectrometer with $R=52000$, signal to noise ratio up to 300, IUE spectra and archived spectra of other observatories. The abundance pattern of δ Scuti consists of 53 chemical elements. Light and iron group elements are near solar values, heavier elements are overabundant (up to 1 dex). V2314 Oph appears to be a metal poor star with $[Fe/H]$ near -0.6 dex.
