

Supporting Information

Low-level fusion of FT-ICR MS data sets for the characterization of nitrogen and sulfur compounds in vacuum gas oils

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Figure S1: Mass spectra from VGO 8 (SRVGO type), VGO 4 (HCGO type), VGO 13 (EBVGO type) and VGO 11 (HDT type) samples in ESI(+), ESI(-) and APPI(+)-FT-ICR/MS modes.

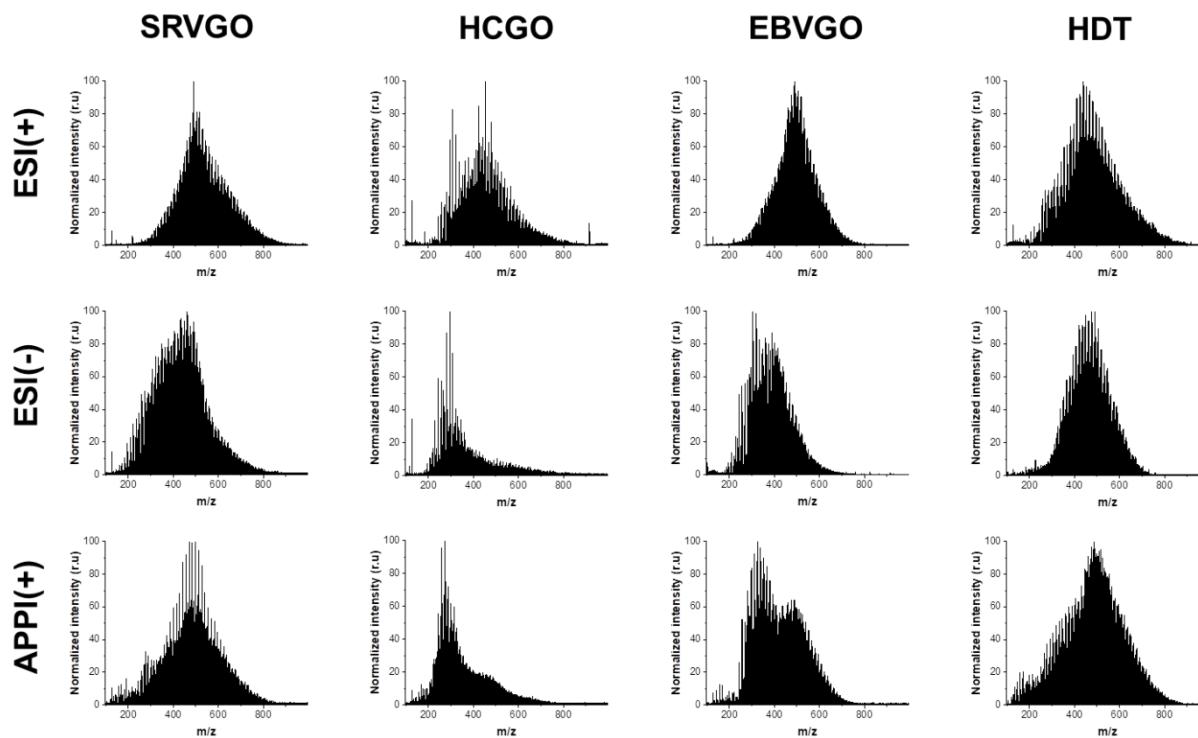


Figure S2: Comparison of DBE and number of carbon atoms distributions for the VGO sample 1 (SRVGO type) before and after application of 35 or 50 eV collision energy.

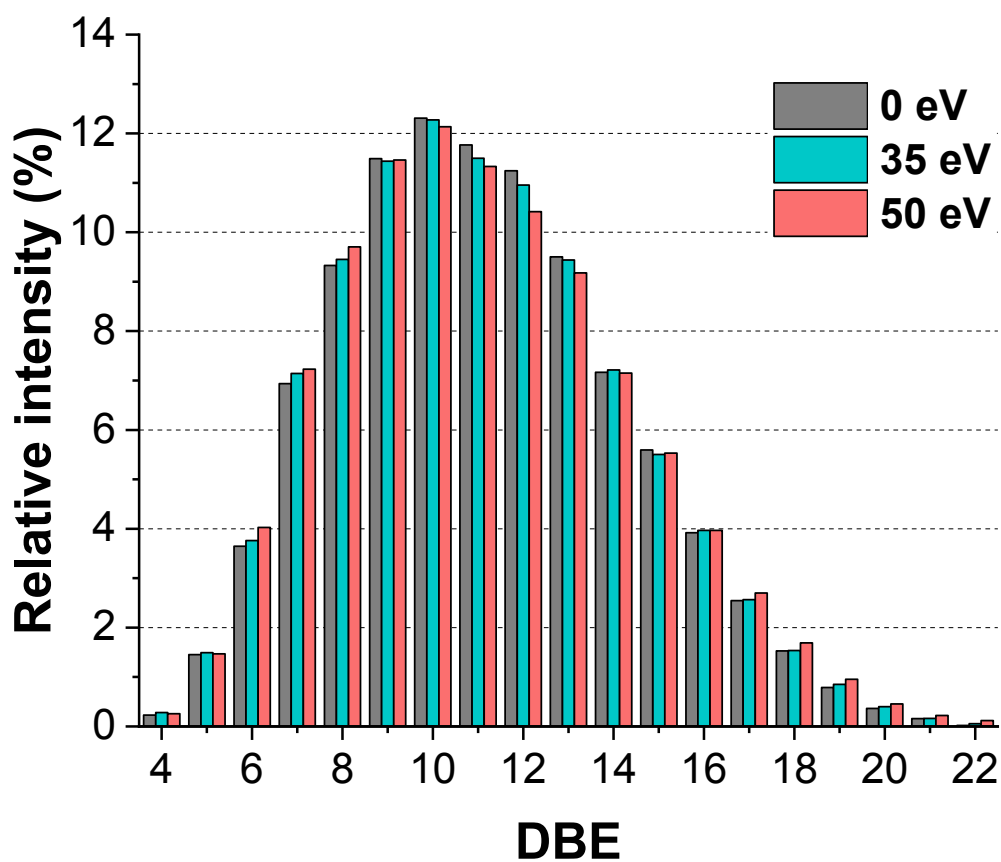


Figure S3: Relative abundances distributions of VGO 8 (SRVGO type) and VGO 11 (HDT type) samples in ESI(-) mode

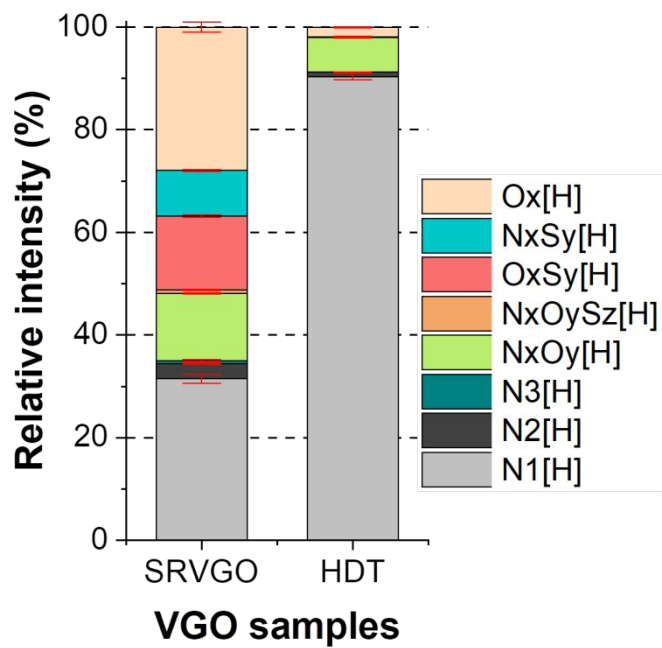


Figure S4: Distribution of the relative intensities according to DBE values for SRVGO 5 and 8 in ESI(-) mode

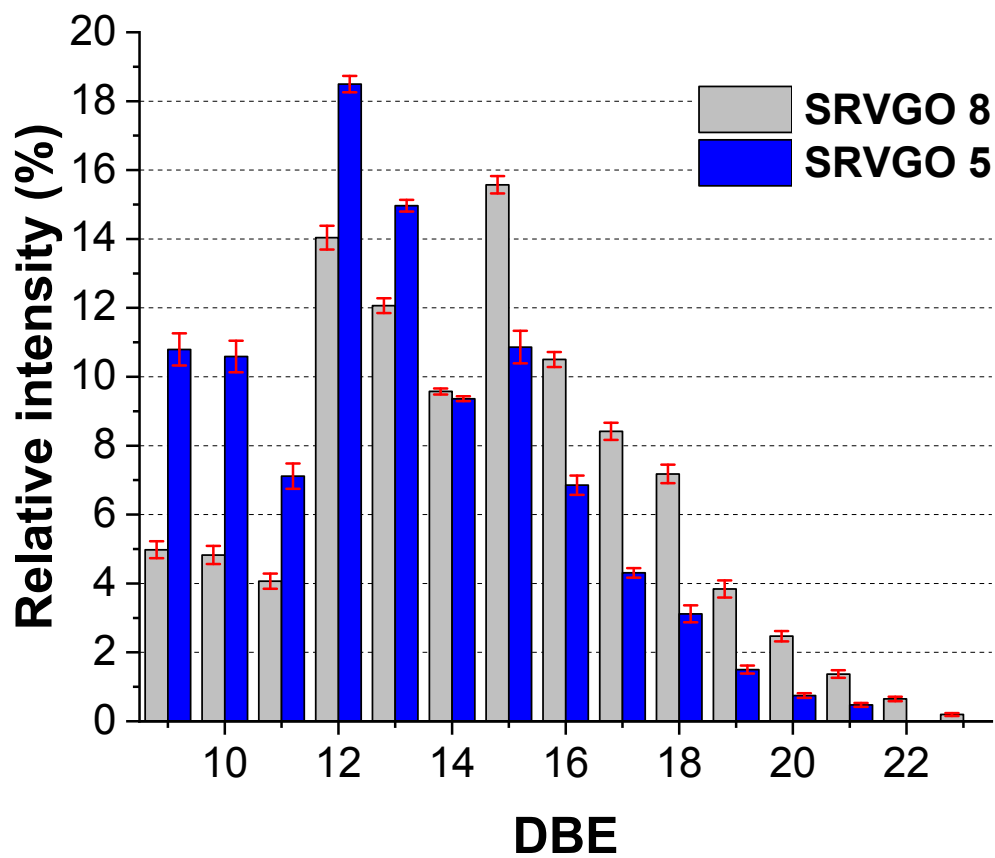


Figure S5: Distribution of the relative intensities according to DBE values for EBVGO 3 and 12 in ESI(-) mode

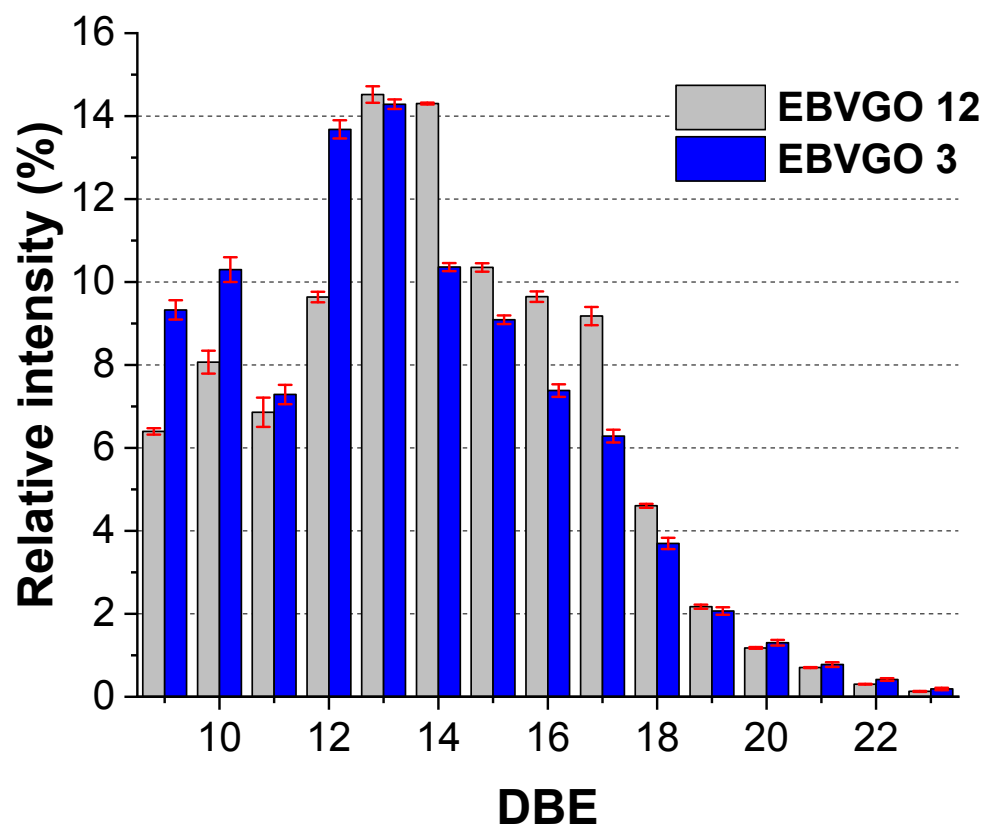


Figure S6: Distribution of the relative intensities according to the number of carbon atoms of the molecules for EBVGO 3 and 12 in all ionization modes.

