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Dispersive liquid-liquid microextraction and gas chromatography accurate mass spectrometry for extraction and non-targeted profiling of volatile and semi-volatile compounds in grape marc distillates

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Highlights:

- Dispersive liquid-liquid microextraction of grape marc distillates
- Electron ionization accurate mass spectrometry fingerprints of distillates
- Identification of more than 140 species through non-target data mining
- Use of mined components in multivariate chemometric techniques

Abstract

The suitability of dispersive liquid-liquid microextraction (DLLME) and gas chromatography accurate mass spectrometry (GC-MS), based on a time-of-flight (TOF)

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