Special Issue

Design and Development of Sample Preparation Procedures for the Determination of Volatile Organic Compounds

Message from the Guest Editors

The analytical determination of Volatile organic compounds is of utmost importance because (i) they can play an important role in communication between animals and plants in plant–plant interactions and (ii) some of them can be dangerous to human health or cause harm to the environment. In the past, the sample preparation step has often been considered as of minor importance in the whole analytical process. However, it is fundamental to recover the analytes. Currently, the analytical community has made a great effort in the development of new sample preparation approaches towards liquid and solid samples, aiming to increase the level of miniaturization, automation and sample throughput and to decrease the consumption of materials and organic solvents. Furthermore, special emphasis has been given to improving the environmental footprint of the analytical process. In this Special Issue, we welcome research articles and reviews dealing with the design and development of innovative sample preparation materials and procedures for the determination of VOCs and BVOCs.

Guest Editors

Dr. Rui Miguel Ramos

REQUIMTE/LAQV—Departamento de Química e Bioquímica, Faculdade de Ciências da Universidade do Porto, Rua do Campo Alegre, s/n, 4169-007 Porto, Portugal

Dr. Cecilia Cagliero

Department of Drug Science and Technology, University of Turin, 10125 Torino, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

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Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

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