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Nota di contenuto	The Chemistry and Biology of Volatiles; Contents; Foreword; List of Contributors; Acknowledgements; Abbreviations; 1 Volatiles - An Interdisciplinary Approach; 2 Biosynthesis and Emission of Isoprene, Methylbutanol and Other Volatile Plant Isoprenoids; 3 Analysis of the Plant Volatile Fraction; 4 Plant Volatile Signalling: Multitrophic Interactions in the Headspace; 5 Pheromones in Chemical Communication; 6 Use of Volatiles in Pest Control; 7 Challenges in the Synthesis of Natural and Non-Natural Volatiles; 8 The Biosynthesis of Volatile Sulfur Flavour Compounds 9 Thermal Generation of Aroma-Active Volatiles in Food 10 Human Olfactory Perception; 11 Perfumery - The Wizardry of Volatile Molecules; 12 Microencapsulation Techniques for Food Flavour; 13 Profragrances and Properfumes; 14 Reactions of Biogenic Volatile Organic Compounds in the Atmosphere; Index
Sommario/riassunto	""Coming to a conclusion, this wonderful, informative and very interesting book presents an excellent overview of small volatile

organic compounds and their role in our life and environment. Really fascinating is the entirety of scientific disciplines which were addressed by this book." -Flavour and Fragrance Journal, 2011 "... this book deserves to be a well-used reference in the library of any laboratory specialising in VOC". -Chemistry World, 2011 Volatile compounds are molecules with a relatively low molecular weight allowing for an efficient evaporation into t
