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Preparation for Analysis of Chemicals Related to the Chemical Weapons Convention in an Off-site Laboratory; CHAPTER 10 Gas Chromatography in Screening of Chemicals Related to the Chemical Weapons Convention; CHAPTER 11 Gas Chromatography/Mass Spectrometry in Analysis of Chemicals Related to the Chemical Weapons Convention
CHAPTER 12 Liquid Chromatography/Mass Spectrometry in Analysis of Chemicals Related to the Chemical Weapons ConventionCHAPTER 13 Nuclear Magnetic Resonance Spectroscopy in Analysis of Chemicals Related to the Chemical Weapons Convention; CHAPTER 14 Fourier Transform Infrared Spectroscopy in Analysis of Chemicals Related to the Chemical Weapons Convention; CHAPTER 15 Capillary Electrophoresis in Analysis of Chemicals Related to the Chemical Weapons Convention; CHAPTER 16 Methods for the Retrospective Detection of Exposure to Toxic Scheduled Chemicals. Part A: Analysis of Free Metabolites
CHAPTER 17 Methods for Retrospective Detection of Exposure to Toxic Scheduled Chemicals. Part B: Mass Spectrometric and Immunochemical Analysis of Covalent Adducts to Proteins and DNAColour Plate; Index

Sommario/riassunto

Describes the procedures for collection of samples, sample preparation, and analysis of CWC-related chemicals. It deals with analytical procedures that can be followed in well-equipped off-site laboratories (designated laboratories), as well as the on-site analytical procedures that the OPCW inspectors use in sample collection and preliminary analysis of the samples in field conditions.A one-of-a-kind, highly topical handbook for every expert in the chemical weapons fieldOutlines the methods for analysing chemical weapons both on and off siteAuthored by international experts in
