

CONTENTS

Chapter 1	Introduction	1
Chapter 2	Dissolution of Matrices	3
Chapter 3	Preconcentration by Coprecipitation of Trace Elements	33
Chapter 4	Preconcentration of Trace Elements by Solvent Extraction	101
Chapter 5	Preconcentration by Electrochemical Means	133
Chapter 6	Preconcentration of Trace Elements by Ion Exchangers	181
Chapter 7	Preconcentration by Sorption	211
Chapter 8	Chromatographic Preconcentration Methods for Inorganic Species	243
Chapter 9	Flotation	275
Chapter 10	Membrane Methods for Preconcentration of Trace Components of Solutions	301
Chapter 11	Preconcentration by Formation of Volatile Compounds	333
Chapter 12	Separation and Preconcentration of Trace Elements and Inorganic Species on Solid Polyurethane Foam Sorbents	363
Chapter 13	Fire Assay for the Preconcentration of the Platinum Group Elements and Gold	401
Chapter 14	Separation and Determination of Trace Elements by Isotachopheresis	417
Chapter 15	Preconcentration of Trace Elements by Filter Papers	427
Index		445