

agents (see "Identification of degradation products of potential organophosphorous warfare agents", CD/103, 24 June 1980 - abstract I9(G79)). The 1981 "Blue Book" presented a comprehensive approach to the environmental monitoring of nerve agents (see "Trace analysis of chemical warfare agents: an approach to the environmental monitoring of nerve agents", CD/196, 16 July 1981 - abstract I9(G79)) and the 1982 study applied the same automatic methods to the 20 most important non-phosphorus agents (see "Systematic identification of chemical warfare agents: identification of non-phosphorus warfare agents", CD/299, 29 July 1982 - abstract I9(G79)). The 1983 "Blue Book" will discuss the identification of precursors of nerve agents, of a few classical and other potential non-phosphorus CW agents and the degradation products of adamsite, lewisite and mustard. Future topics will include:

- (1) the further development of the sensitivity and specificity of mass spectrometry;
- (2) remote air sampling and analysis;
- (3) automatic "black box" monitoring of agent destruction facilities (incinerators);
- (4) the operation of transportable and mobile laboratories; and
- (5) immunological analytical methods applied to warfare agent monitoring.