

Table 4.4 Sample Containers, Preservatives, and Holding Times  
for Aqueous Samples

Parameters	Methods	Sample Container	Preservative	Holding Time
Explosives	5030/8330 <sup>1</sup>	Three 40-mL glass vials with Teflon <sup>®</sup> -lined septa	Cool to 4°C	7 days
Volatile organics	5030/8240 <sup>1</sup>	Three 40-mL glass vials with Teflon <sup>®</sup> -lined septa	Cool to 4°C 4 drops conc. HCl	14 days
Semivolatile organic compounds	3550/8270	Two 1-liter glass bottles with Teflon <sup>®</sup> -lined septa	Cool to 4°C	7 days (extraction) 40 days (analysis)
Metals	3010/6010 <sup>2</sup> 3050/7000 <sup>2</sup>	Two 1-liter plastic bottles	HNO <sub>3</sub> to pH < 2	6 months

- 1 SW 846, *Test Methods for Evaluating Solid Waste*, EPA, 1986.  
 2 General methods of analysis. Specific analyses are detailed in Table 4.4.