

2. Be sure to leave headspace in the bottle.
3. Chill and maintain at 4°C or below without freezing.

Instructions for field solid-phase extraction (SPE) of pesticides are provided in section 5.3. Field SPE is an alternative method for processing samples for pesticide analysis and should be considered in situations where transporting glass bottles, shipping weight, or holding/shipping times pose a problem. Field SPE samples usually are extracted after most other onsite activities are completed or by a third team member because equipment setup, sample extraction, and equipment cleaning can be quite time consuming.

5.6.1.C Phenols

Label 1-L baked amber glass phenol bottle as "LC0052."

1. Fill the bottle with raw sample directly from the sampling or splitting device.
2. Leave a small headspace in the bottle.
3. Add 2 mL of 8.5 percent H_3PO_4 to a 1-L sample to achieve pH 4, and 10 mL of CuSO_4 to a 1-L sample (100 g/L).
4. Chill and maintain at or below 4°C without freezing.

5.6.1.D Organic Carbon: Total (TOC), Dissolved (DOC), and Suspended (SOC)

Label 125-mL baked glass bottles as follows: for raw samples, "TOC - LC0114"; for filtered samples, "DOC - LC0113."

Raw (TOC) sample:

1. Pour, discharge, or pump the raw sample directly into the sample bottle.
2. Fill to the shoulder of the bottle, leaving a small headspace.

Filtered (DOC) and suspended (SOC) samples:

Refer to the detailed instructions given in section 5.2.2.C.