

<b>Title</b>	<b>Volatile Organic Compounds</b>
<b>Specimen Requirements</b>	<p>Samples for VOC analysis will only be accepted from the Indiana State Department of Health and other government agencies.</p> <p>Contact: Mark Starzynski 921-5580 for sample containers and instructions.</p>
<b>Sampling Materials</b>	Sample Containers -- 40ml screw cap vials each equipped with a PTFE-faced silicon septum.
<b>Procedural Notes</b>	<p>Collect all samples in duplicate. If samples contain residual chlorine and measurement of the concentrations of disinfection by-products (trihalomethanes, etc.) at the time of sample collection is desired, add about 25mg of ascorbic acid to the sample bottle before filling. Fill sample bottles to overflowing, but take care not to flush out the rapidly dissolving ascorbic acid. No air bubbles should pass through the sample as the bottle is filled, or be trapped in the sample when the bottle is sealed. Adjust the pH of the duplicate samples to &lt; 2 by carefully adding one drop of 1:1 HCl for each 20ml of sample volume. Seal the sample bottles, PTFE-face down, and shake vigorously for 1 min.</p> <p>When sampling from a water tap, open the tap and allow the system to flush until the water temperature has stabilized (usually about 10 min). Adjust the flow to about 500ml/min and collect duplicate samples from the flowing stream.</p> <p>When sampling from an open body of water, fill a 1-quart wide-mouth bottle or 1-liter beaker with sample from a representative area, and carefully fill duplicate sample bottles from the 1-quart container.</p>
<b>Shipping Instructions</b>	<p>The samples must be chilled to 4 °C on the day of collection and maintained at that temperature until analysis. Field samples that will not be received at the laboratory on the day of collection must be packaged for shipment with sufficient ice to ensure that they will be at 4 °C on arrival at the laboratory.</p> <p>Indiana State Department of Health  Chemistry Laboratories  550 W. 16th Street, Suite B  Indianapolis, In 46202</p>
<b>Reporting and TAT</b>	Results will be e-mailed to the submitter normally within 15 days.