



**Alloway**  
Your Resource for Defensible Data

## Sampling Instructions: Volatile Organic Compounds (VOCs)

**CAUTION:** Bottles may contain a preservative. Handle with care. Do not rinse or overflow containers. Wear gloves when handling acids. If the preservative accidentally comes in contact with skin or clothing, rinse IMMEDIATELY and THOROUGHLY. Alloway assumes no responsibility for sampling procedures or for accidents that may occur while sampling.

### Analysis of Chlorinated VOCs by Method 524.2

1. Sample vials already contain ascorbic acid. Please DO NOT rinse or empty vials before sampling.
2. Open vials and slowly fill each one half full with the respective sample.
3. Using the small glass vial that contains a solution of 1:1 hydrochloric acid (HCl), put 8 drops of acid in each vial of sample.
4. Finish filling the vials with sample, making sure that there is NO HEADSPACE. Close vials and return to the lab.
5. Please put the unused portion of the 1:1 HCl in the small glass vial and return to the lab where it will be properly disposed.

### Analysis of Non-Chlorinated VOCs by Method 524.2

1. Sample vials already contain hydrochloric acid solution. Please DO NOT rinse or empty vials before sampling.
2. Open vials and slowly fill each one with the respective sample, making sure that there is NO HEADSPACE.
3. Cap vials tightly and return samples to the lab for analysis.

**NOTE:** Failure to follow these instructions may necessitate re-sampling.

1101 N. Cole St. Lima, OH 45805  
419.223.1362 • Fax 419.227.3792  
800.436.1243

508 Bissman Ct. Mansfield, OH 44903  
419.525.1644 • Fax 419.524.5575  
800.635.3222

1776 Marion-Waldo Rd. Marion, OH 43302  
740.389.5991 • Fax 740.389.1481  
800.873.2853