

## Volatile Organic Compounds Detected by PIDs

### 10.6 eV lamp

Acetaldehyde  
(Acetic Acid)  
Acetic Anhydride  
Acetone  
Acrolein  
Acrylamide  
Acrylonitrile  
Allyl Alcohol  
Allyl Chloride  
Allyl Glycidyl Ether  
Allyl Propyl Disulfide  
Amino Pyridine  
Amyl Acetate  
Aniline  
Anisidine  
Benzene  
Benzyl Chloride  
Bromoform  
Butadiene  
Butoxyethanol  
Butyl Acetate  
Butyl Alcohol  
Butyl Mercaptan  
Butylamine  
Butyl Glycidyl Ether  
Butyl Toluene  
Camphor Vapor  
Carbon Disulfide  
Chloroacetaldehyde  
Chloroacetophenone  
Chlorobenzene  
Chloromethyl Methyl Ether  
Chloronitropropane  
Chloroprene  
Chrysene  
Cresol  
Crotonaldehyde  
Cumene  
Cyclohexane  
Cyclohexanol  
Cyclohexanone  
Cyclohexene  
Cyclopentadiene  
Di-ethylhexyl Phthalate  
Diacetone Alcohol  
Diazomethane  
Dibutylphthalate  
Dichlorobenzene  
Dichloro Ethyl Ether  
Dichloroethylene  
Dichlorvos  
Diesel  
Diethylamino Ethanol  
Diethylamine  
Diglycidyl Ether  
Diisobutyl Ketone

Diisopropylamine  
Dimethylamine  
Dimethylaniline  
Dimethylformamide  
Dimethylhydrazine  
Dimethylacetamide  
Dimethylphthalate  
Dinitrotoluene  
Dinitro Cresol  
Dinitro Aniline  
Dinitro Benzene  
Dioxane  
Diphenyl  
Dipropylene Glycol Methyl Ether  
(Epichlorohydrin)  
(Ethanol)  
Ethanolamine  
Ethoxyethyl Acetate  
Ethyl Acetate  
Ethyl Acrylate  
Ethyl Amyl Ketone  
Ethyl Benzene  
Ethyl Bromide  
Ethyl Butyl Ketone  
Ethyl Ether  
Ethyl Mercaptan  
Ethyl Silicate  
Ethylamine  
Ethylene Dibromide  
Ethylenediamine  
Ethyleneimine  
Furfural  
Furfuryl Alcohol  
Gasoline  
Glycidol  
Heptane  
Hexane  
Hexanone  
Hexone  
Hexylacetate  
Hydroquinone  
Isoamyl Acetate  
Isobutyl Acetate  
Isobutyl Alcohol  
Isophorone  
Isopropyl Acetate  
Isopropyl Alcohol  
Isopropyl Ether  
Isopropylamine  
Isopropyl Glycidyl Ether  
JP 4, 6, 8  
Ketene  
Mesityl Oxide  
Methyl Acetate  
Methyl Acetylene  
Methyl Acrylate  
Methyl Amyl Ketone  
Methyl Bromide

Methyl Cellosolve Acetate  
Methyl Ethyl Ketone  
Methyl Hydrazine  
Methyl Iodide  
Methyl Mercaptan  
Methyl Methacrylate  
Methyl Styrene  
Methylamine  
Methylcyclohexane  
Methylcyclohexone  
Methylcyclohexanol  
Monomethylaniline  
Morpholine  
Naphthalene  
Naphthylamine  
Nitroaniline  
Nitrobenzene  
Nitrochlorobenzene  
Nitromethane  
Nitrosodimethylamine  
Nitrotoluene  
Octane  
Pentaborane  
Pentane  
Pentanone  
Perchloroethylene  
Phenol  
Phenyl Ether  
Phenylene Diamine  
Phenylhydrazine  
Phosphine  
Phosphorus Trichloride  
Phthalic Anhydride  
Propyl Acetate  
Propyl Alcohol  
Propylene Dichloride  
Propylene Imine  
Propylene Oxide  
Pyridine  
Quinone  
Stibine  
Stoddard Solvent Vapor  
Styrene  
Terphenyls  
Tetrachloroethylene  
Tetrachloronaphthelene  
Tetrahydrofuran  
Tetramethyl Lead  
Toluene  
Toluidine  
Toner Fluid Vapor  
Trichloroethylene  
Triethylamine  
Turpentine Vapor  
Vinyl Chloride  
Vinyl Toluene  
White Spirit  
Xylene

### 11.7 eV lamp

Acetic Acid  
Carbon Tetrachloride  
Chlorobromomethane  
Chloroform  
Dichloroethane  
Epichlorohydrin  
Ethyl Chloride  
Ethanol  
Ethylene Chlorohydrin  
Ethylene Dichloride  
Ethylene Oxide  
Ethyl Formate  
Formaldehyde  
Formic Acid  
Hexachloroethane  
Liquid Petroleum Gas  
Maleic Anhydride  
Methyl Alcohol  
Methyl Chloride  
Methyl Chloroform  
Methylene Chloride  
Methyl Formate  
Methyl Isocyanate  
Nitroethane  
Nitromethane  
Nitropropane  
Phosgene  
Propane  
Propyl Nitrate  
Propargyl Alcohol  
Tetrachloroethane  
Tetraethyl Lead  
Trichloroethane

### Not detected by PID

Acetonitrile  
Carbon Dioxide  
Carbon Monoxide  
Ethane  
Freons  
Hydrogen  
Hydrogen Bromide  
Hydrogen Chloride  
Hydrogen Cyanide  
Hydrogen Fluoride  
Methane  
Nitric Acid  
Nitrogen  
Oxygen  
Ozone  
Sulfur Dioxide  
Water