

Figure 5 shows an example of a real-time mass spectrometer (MS) analysis. A dual quadrupole MS capable of measuring TCE and PCE concentrations to as low as 1 part per billion every second was used to screen two buildings. At the locations of interior sources of TCE and PCE, the instrument clearly showed elevated concentrations. Removal of these background sources resulted in indoor air concentrations that posed no significant risk.

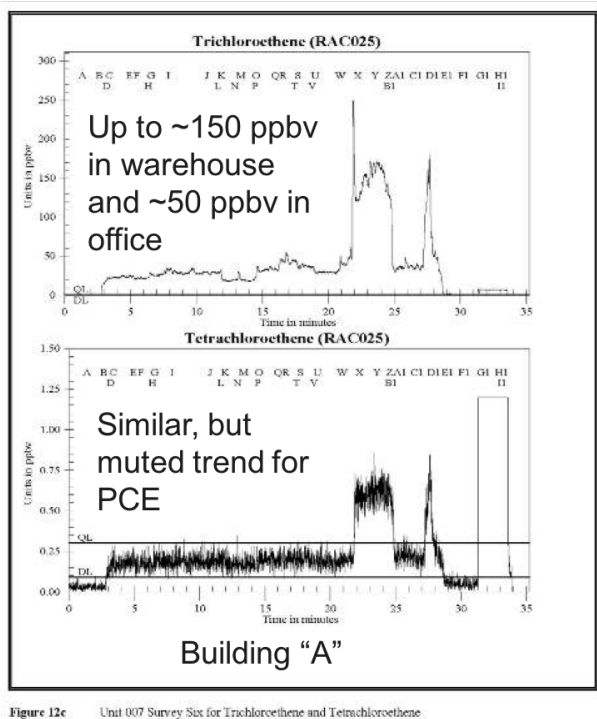


Figure 12c Unit 007 Survey Six for Trichloroethene and Tetrachloroethene

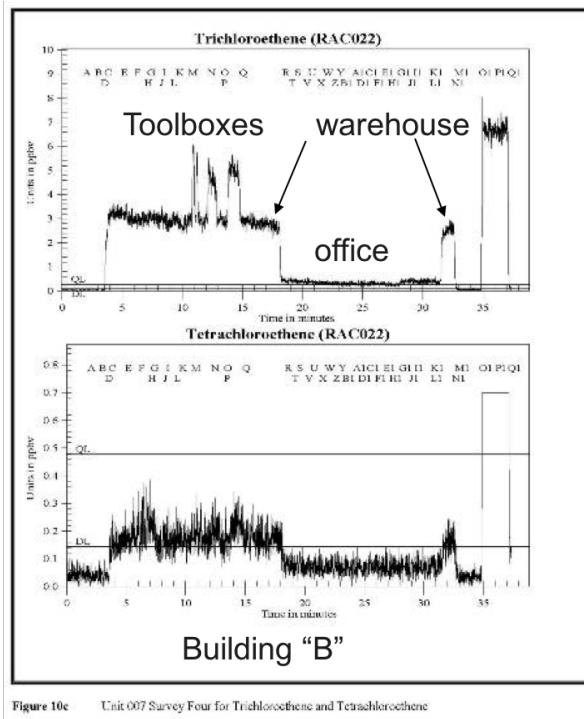


Figure 10c Unit 007 Survey Four for Trichloroethene and Tetrachloroethene

Figure 5: Real-time mass spectrometer analysis

Acknowledgements

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References

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