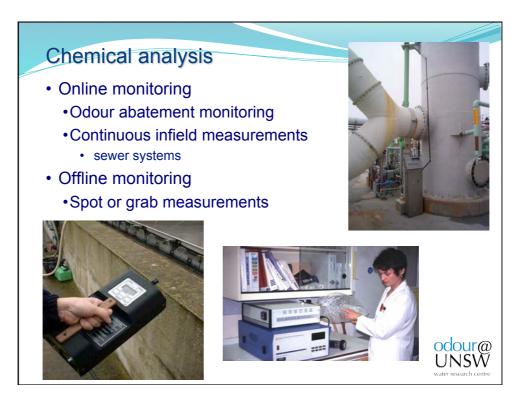
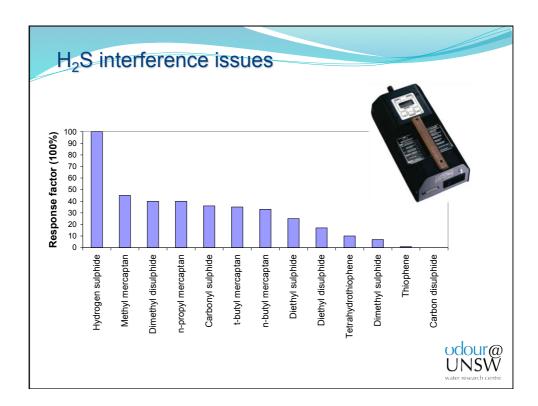


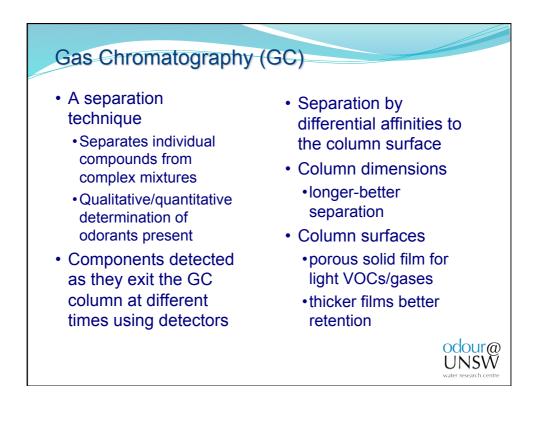
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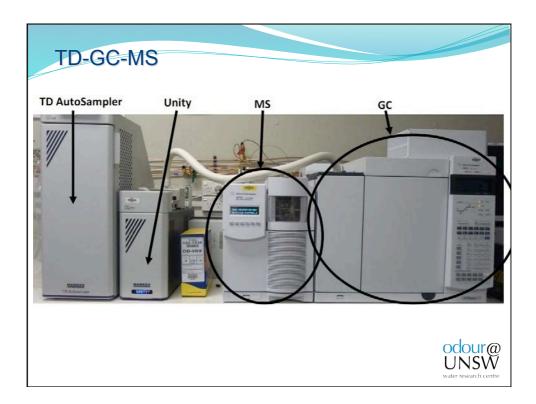


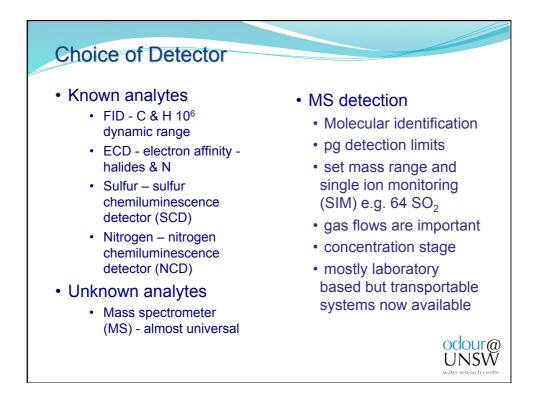


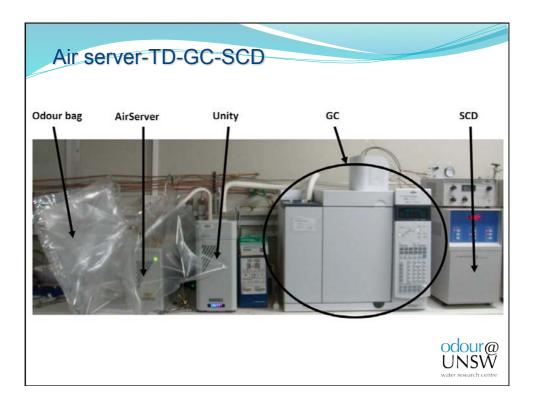


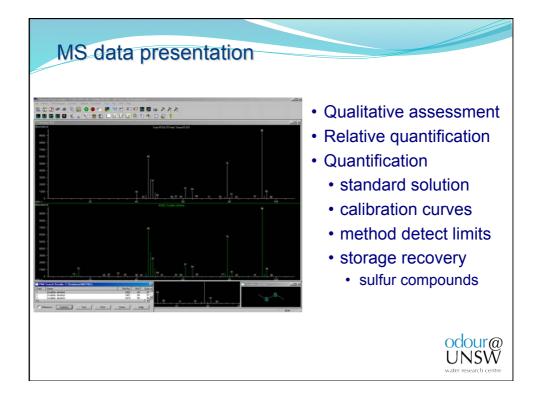












Analytical methods

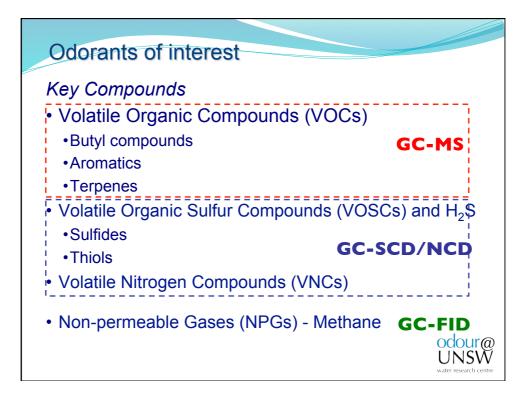
US EPA Method TO-17

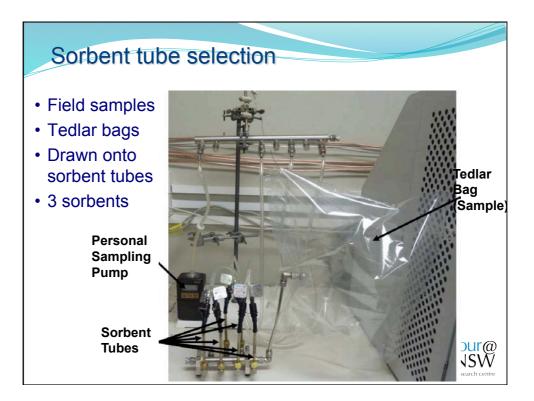
- · Standard Method for Air Toxics
 - BTEX, halo-hydrocarbons
 - 44 compounds ~ 50 minutes
- Last Revision 1999
- · Few known odorants in the matrix

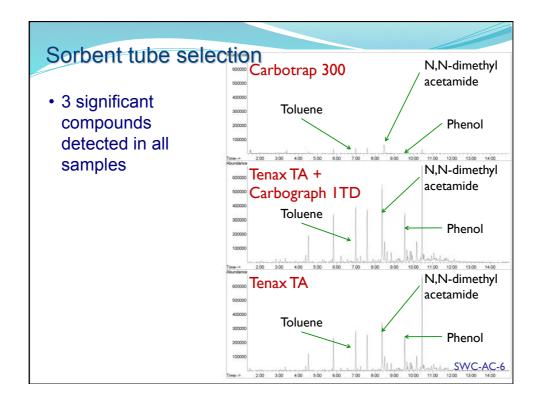
Need a benchmarked method that addresses relevant odorous compounds

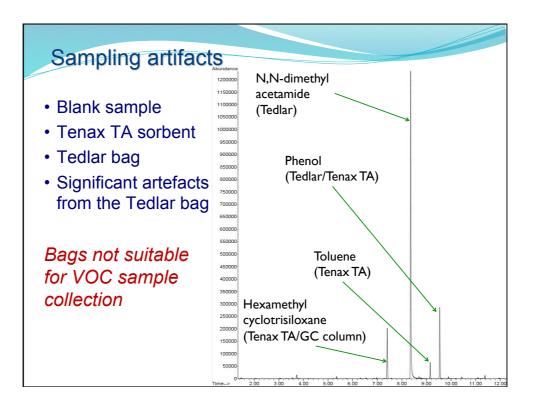
Halocarbon 114 Tetrachloroethene 1,2-Dichloroethane Chloroform 1,3,5-Trimethylbenzene Methyl Acetate Halocarbon 11 Trichloroethene 1,2,4-Trimethylbenzene Methyl tert-Butyl Ether Halocarbon 113 1,2-Dichloropropane Dichlorobenzenes Methyl Ethyl Ketone 1,1-Dichloroethene cis-1.3-Dichloropropene 1,2,4-Trichlorobenzene Isoprene Ethyl Acrylate Methylene Chloride Toluene Hexachloro-1,3,butadiene Methyl Acrylate 1,1 Dichloroethane Trans-1,3-Dichloropropene 1.3 Butadiene Methyl Isobutyl Ketone cis-1,2-Dichloroethene Furfural Acetonitrile

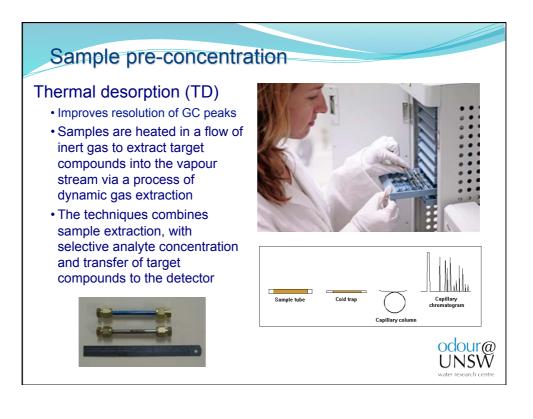


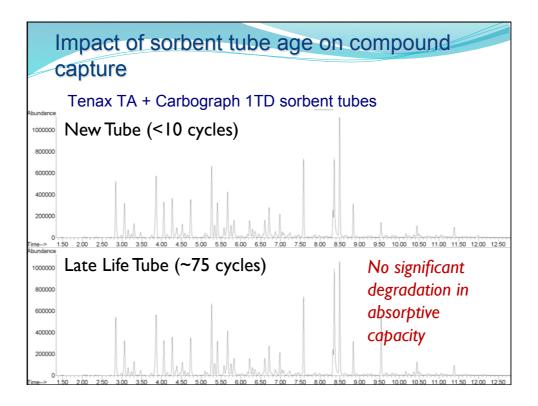


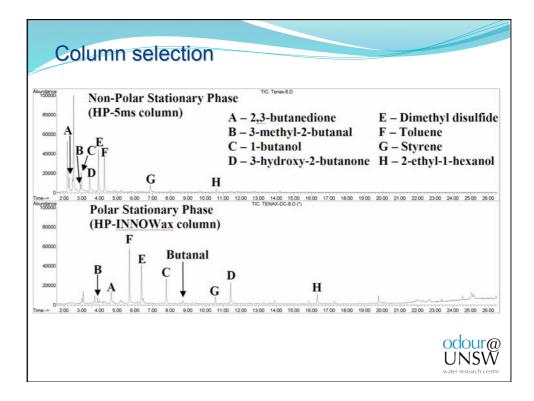


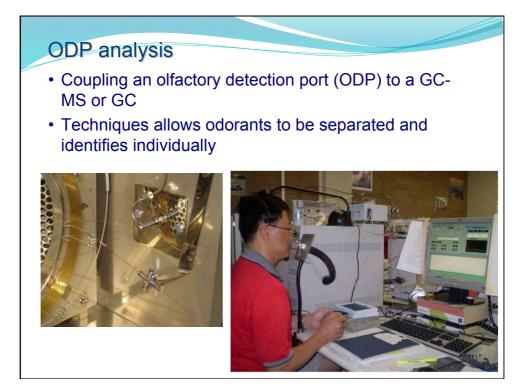


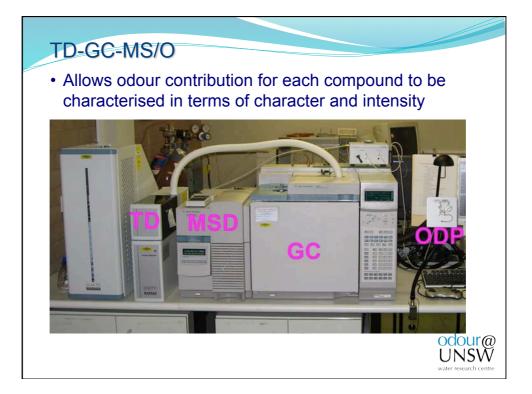


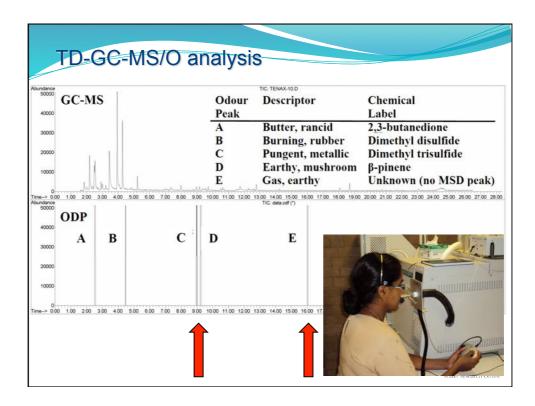


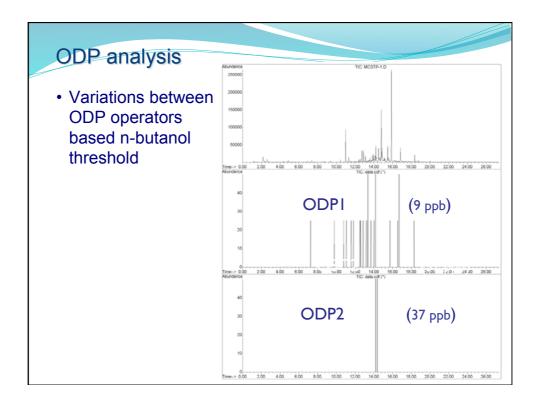


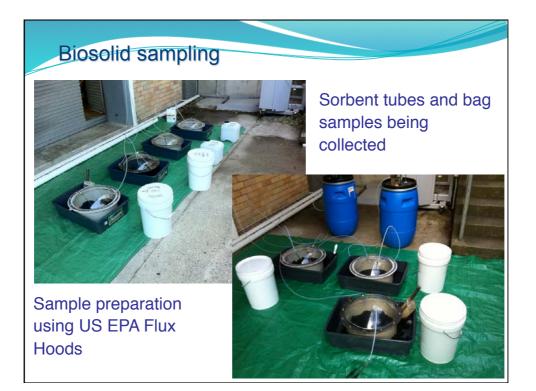


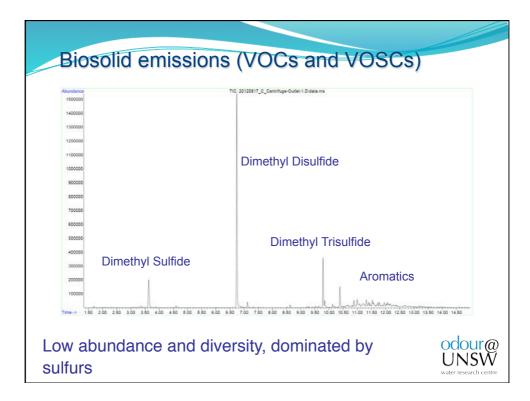












Sulfur Compounds: Odorants Different characters Low detection thresholds 				
	Chemical	Character	OTV (mg/m ³)]
	H ₂ S	Rotten egg	0.002	1
	DMS	Sulfury onion	0.049]
	MeSH	Decomposing cabbage	0.0013	1
	DMDS	Sulfurous vegetable	0.82]
	EtSH	Sulfurous fruity	0.0008	1
	DEDS	Gassy ripe onion	0.09	1
	EMDS	Sulfurous truffle	0.062	1
	DMTS	Sulfourous cooked onion	0.014	1
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