<u>Relationships Among Organic Gas Terms</u> <u>Used in the Emission Inventory</u>

MOTOR VEHICLES:					
1. NMHC + (non-methane hydrocarbons)	methane	= (h)	HC ydrocarbons)	[or THC total hydrocarbons]
 NMHC and HC (THC) contain only hydrocarbons (not oxygenated compounds like aldehydes) due to GC-FID measurement technique NMHC and HC must be adjusted for the oxygenated compounds to get NMOG 					
2. NMHC (non-methane hydrocarbons)	adjust to add oxygenated cn		NMOG methane organic	gas)	
3. NMOG + methane = ~ TOG (non-methane organic gas) = ~ TOG					
OVERALL INVENTORY:					
4. TOG x	FROG Fraction of Reac	ive Org	= anic Gas)	ROG (Reactive Organic Gas)	
	FR_V((Fraction of Vola EPA term uses a s	tile Orga		VOC (Volatile Organic Cmpds) ed cmpds	
6. TOG -	Exempt cmpds [ARB list of r ethane, CFC	nethane,	=	ROG	
					ARB / 7-00