

Data collection sheet

## Organic carbon / volatile matter (VM)

name: \_\_\_\_\_

date: \_\_\_\_\_

TEMPERATURE  $T_{OVEN} = \frac{550}{1022}$   $\frac{^{\circ}C}{^{\circ}F}$

$$x^{\circ}C = (1,8 * x + 32)^{\circ}F$$

TIME FRAME until  $m_{VM}$  is constant

heap	$m_{TARE}$	$m_{DRY}$	$m_{VM}$	VM	organic carbon
[-]	[g]	[g]	[g]	[% DS]	[% DS]

$$volatile\ matter = \frac{m_{DRY} - m_{VM}}{m_{DRY} - m_{TARE}} * 100$$

$$organic\ carbon = 0,58 * volatile\ matter$$