Table 2
Odor characteristics of the VSCs in human flatus.

	H_2S	MT	DMS
Concentration ($n = 28$)	149 ± 56	216 ± 44	144 ± 24
(range)	(0–995)	(3–1066)	(4–166)
Flatus volume (ml, mean ± SEM)		84 ± 16 (range: 5–300 ml)	
Perception threshold[a]	0.01	0.0004	0.008
100% Recognition threshold[b]	42	1.5	4.2
Threshold of objectionability[c]	4	0.5	1
Theoretical flatus perception threshold[d]	400–800	16–32	320–640
Experimental flatus perception threshold[e]	750	50	750

Data are expressed in nM (mean ± SEM, 1 nM = 24 ppb), except for flatus volume (ml). The VSCs have been measured as described in Section 2.5.

[a] The lowest threshold from Ref. [40].

[b] Concentration at which 100% of an odor panel defined the odor as being representative of the odorant.

[c] Threshold concentration of an odorant producing an objectionable smell [38].

[d] Perception threshold times a flatus dilution factor of $4–8 \times 10^4$; see Section 2.5.

[e] See Section 2.5.

H2S=hydrogen sulfide

MT=methanethiol

DMS=dimethyl sulfide