Appendix 1: Table with the most prominent halogenated natural products in sponges

peak in table[a]	brominated compounds detected[b]	ret. time [min]	Kirk. 8 [d] I_{rel} [e]	Hali. 3 [d] I_{rel} [e]	Arte. 5 [d] I_{rel} [e]	Phor. 10 [d] I_{rel} [e]	Phor. 7 [d] I_{rel} [e]	Clat. 12 [d] I_{rel} [e]	tentative structure [f]	mass of mol. Ion
1	1	6.40				20				
2	3	6.74		50		14	7			
3	4	7.71	38	111	32	42	40	84		
4	7	8.18		13	5	20	31		BrCl-P	206 u
5	8	8.36		3			12			
6	10	8.55				30				
7	13	9.30	15	16	3	20	110	22	Br_2-P	250 u
8	14	9.39	7	18	3	9	12	18		
9	15	9.48	7	37	3	5	9	25		
10	16	9.70	13	43	4	21	165	4	Br_2-P	250 u
11	17	9.91	7	16		4	95			
12	18	9.98	2			3		11	BrCl-A	220 u
13	23	10.53	23			50	187		$BrCl_2$-P	240 u
14	24	10.61	40			205	162		$BrCl_2$-P	240 u
15	28	11.21	85		2		171	23		
16	29	11.31	514	889	166	281	3584	67	Br_2-A	264 u
17	30	11.57	6	16	3	9				
18	32	11.75	46	25	9	15	283	7		
19	33	11.84	36			17	51			
20	34	11.88		13	6			6		
21	36	12.12	326	11	13	151	1486	15	Br_2Cl-P	284 u
22	37	12.23	155	7		467	1389	8	Br_2Cl-P	284 u
23	38	12.46				24				
24	39	12.96	8	5		8	130			
25	41	13.48	5	4		8	35			

26	42	13.72	det.		87					
27	44	13.77	det.	173	85	193	det.	256		
28	45	13.81	920	78	70	104	1226	241	2,4,6-TBA	342 u
29	46	14.05	58	16	15	281	49	3	Br_3-OEO	360 u
30	47	14.29	1323	34	41	2233	3821	149	2,4,6-TBP	328 u
31	49	14.92	23	7	5	58	417	4		
32	50	15.01	24	15				11		
33	54	16.04		19		22	70			
34	55	16.25		4		13				
35	56	16.41	26	7		30	199			
36	57	16.54		3		12				
37	59	16.69				11				
38	60	16.90	7	22	10	91	34			
39	61	16.99	4	25			17			
40	63	17.19	5	20	4	222	68			
41	64	17.52		21	6	12	27			
42	65	17.76					23			
43	66	17.78	6			39	46			
44	67	17.79					38			
45	68	18.39	14	2	3		9	4		
46	69	18.44		3		22	10			
47	70	18.68	5	10	2	147	39			
48	73	18.93				15	20			
49	74	19.41				3	13			
50	75	19.94	11			5	15			
51	77	20.15		8			16			
52	78	20.17	4	det.		54				
53	82	21.14		5		30	28			
54	83	21.29		14		30	6			
55	86	22.07	12							

56	91	23.43	5	4		17	21			
57	93	24.11		12						
58	96	24.84				13				
59	97	25.04		12						
60	98	25.30	4			11	15			
61	99	25.59		2		14	4			
62	100	25.92					12			
63	101	27.18				16				
64	102	27.77	14	88	19	350	121			
65	103	28.27	39	256	62	1664	459			
66	104	28.45		7		23				
67	105	28.99		4		11				
68	107	29.88		11	3	53	20			
69	108	30.18		12	4	49	13			
70	109	30.49	33	162	4	10	7	4	**MHC-1**	396 u
71	111	30.67				20	53			
72	112	30.87				det.	21			
73	113	30.91	228	7	5	20	det.	15		
74	114	31.17				16	14			
75	115	31.36				det.	13			
76	116	31.41				3	det.			
77	117	31.77				13				
78	118	32.00		7		18	8			
79	123	32.74	82							
80	126	33.30	190	28	21		47			
81	127	33.31				40		30		
82	129	33.67	39							
83	131	33.92	43			3				
84	133	34.14	21			7				
85	134	34.23				11				

86	141	38.45	11			
87	143	40.30	3		11	
88	144	42.05	16			

a) 88 out of 146 peaks were labelled and discussed in the manuscipt (based on the pre-requisite that one value was >10 in one sample)
b) number with increasing retention time of the 146 brominated compounds detected
c) retention index of lindane was 17.49 min
d) species: Kirk. = *Kirkpatrickia variolosa*, Arte.= *Artemisina apollinis*, Phor. = *Phorbas glaberrima*, Hali. = *Halichondria* sp. and Clat. = *Clathrina* sp.). Numbers refer to the internal lab code (see Experimental);
e) relative signal intensity, numbers represent the factor the signals exceeded a signal-to-noise ratio of three in the samples (3 S/N * number in table)
f) tentative structure, Br,Cl in combination with "A" or "P"= type and number of halogen on backbone; P = phenol, A = anisole; TBP, TBA = tribromophenol or –aniso; Br3-OEO = tribromooctenone (see text), MHC-1 = mixed halogenated compound 1 (see text)
g) mass of the molecular ion (refers to the monoisotopic peak)