サバ（マサバ）の脂肪酸組成集

2007～2016年に銚子港に水揚げされたマサバ566試料の可食部の脂肪酸組成データ（一部八戸港を含む）

試料No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66			
水揚 年	2015	2015	2015	2015	2014	2014	2014	2014	2014	2014	2014	2014	2014	2013	2013	2013	2013	2013	2013	2013	2013	2013	2012	2012	2012	2012	2012	2012	2012	2012	2012	2011	2011	2011	2011	2011	2011	2010	2010	2010	2010	2010	2010	2010	2009	2009	2009	2009	2009	2009	2009	2009	2009	2008	2008	2008	2008	2008	2008	2008	2008	2007	2007	2007	2007			
月日	12.15	7.21	6.16	1.25	12.23	11.16	10.26	7.22	6.4	5.25	4.21	3.4	1.7	12.1	10.15	7.9	6.11	5.9	4.9	3.12	2.17	1.21	12.12	11.19	10.14	7.20	6.12	4.18	3.15	2.13	1.19	12.19	11.8	9.28	7.11	6.9	1.26	12.1	11.14	10.19	6.7	4.14	2.14	1.24	11.17	10.12	9.23	6.15	4.23	4.13	3.15	1.20	12.8	11.16	10.13	9.18	9.17	8.11	7.7	6.9	5.7	1.20	12.17	11.25	10.24	1.20			
水揚港	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	八戸	銚子	銚子	銚子	八戸	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	銚子	AV	CV%	SD
体長 cm	29.5	34.4	38.6	33.9	33.4	33.4	34.5	38.5	36.7	32.1	34.3	32.4	32.4	35.1	35.7	32.6	25.4	34.9	35.7	35.1	33.0	33.4	31.3	34.5	35.6	33.6	34.7	32.5	32.5	32.2	32.9	32.1	33.8	31.1	34.6	35.4	31.9	32.5	32.9	34.2	33.9	28.5	36.6	35.4	31.7	33.9	33.8	34.0	32.3	31.2	28.8	29.5	31.9	32.5	37.4	37.5	38.2	37.2	28.7	30.8	25.4	34.9	24.5	33.8	36.2	33.6	33.3	8.7	2.884
体重 g	280	455	642	431	411	489	526	634	579	404	426	390	369	524	513	419	177	511	540	496	429	484	340	489	560	482	532	430	380	366	427	383	491	396	516	532	353	400	471	592	482	312	441	432	386	516	508	441	446	368	313	291	435	436	703	596	705	745	291	331	169	479	148	442	620	459	451.0	26.1	117.6
水分 g/100g	65.8	69.0	75.9	62.4	63.8	61.8	59.6	73.3	75.6	73.8	69.5	63.2	68.7	68.4	59.6	73.1	71.2	75.0	72.2	64.5	71.0	61.2	70.0	64.2	63.3	72.2	70.3	69.1	67.4	62.2	60.9	59.6	54.0	57.9	73.3	76.9	65.7	60.2	54.8	56.6	72.9	69.7	65.3	62.2	62.6	57.7	55.1	75.1	70.3	66.6	67.3	71.2	53.9	56.4	55.3	60.6	60.5	55.5	69.3	72.0	74.1	63.8	71.6	65.4	55.6	65.1	65.6	9.8	6.439
脂質 g/100g	14.2	9.7	2.4	17.0	15.7	17.8	22.5	5.6	1.8	4.8	7.8	14.8	9.3	9.0	19.1	5.3	7.0	4.2	6.9	13.6	7.7	17.7	9.7	15.2	16.4	6.8	8.0	8.7	11.0	17.0	19.2	21.0	27.2	22.5	4.4	2.3	14.7	20.6	27.5	24.1	5.5	8.6	14.9	18.3	16.5	23.2	27.7	3.5	9.6	12.8	12.4	7.5	26.7	24.7	24.4	19.1	17.8	26.4	10.5	6.5	4.9	13.1	6.8	12.7	26.9	12.0	13.7	54.0	7.395
14:0	5.5	3.3	2.2	5.7	5.6	6.4	5.6	2.1	3.4	4.1	4.2	5.8	5.4	4.7	5.7	2.9	3.9	3.4	4.6	5.5	4.7	5.2	5.0	5.4	3.2	3.3	3.3	3.8	5.1	5.6	5.9	6.2	5.7	5.8	3.2	2.5	5.3	5.6	5.9	5.9	3.2	2.9	4.2	4.8	5.2	5.2	5.5	3.0	3.9	3.7	4.2	4.4	5.4	5.4	5.7	3.7	5.6	5.7	5.5	3.6	3.3	4.4	5.1	4.4	5.0	4.6	4.6	23.8	1.098
15:0	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.5	0.3	0.4	0.4	0.6	0.4	0.4	0.5	0.4	–	–
16:0	13.0	15.0	13.5	11.7	11.2	11.3	11.7	12.1	15.1	14.6	13.3	12.3	13.2	15.2	12.8	15.4	17.3	14.8	11.8	12.3	13.8	13.8	16.1	13.5	15.8	14.2	16.3	14.1	13.0	12.9	12.5	12.7	13.9	13.6	15.4	12.1	14.0	14.0	13.2	13.0	14.6	16.6	14.3	13.8	14.5	14.3	14.2	12.3	14.7	14.5	14.7	15.3	14.2	14.1	13.1	15.1	12.7	14.4	13.2	13.5	16.6	15.7	12.8	14.5	14.8	15.5	13.9	9.8	1.360
16:1	3.3	4.2	2.6	2.8	3.0	2.7	3.3	1.7	1.5	4.7	3.5	3.2	3.0	4.4	3.3	4.3	3.7	3.5	2.3	2.5	2.8	2.9	3.2	3.0	4.8	3.8	4.4	3.6	2.5	2.7	2.9	2.8	3.3	3.0	3.7	2.4	2.8	3.0	2.9	2.7	3.4	3.5	3.4	3.9	4.1	4.1	4.6	2.4	3.5	3.9	3.1	3.6	3.8	3.1	3.1	5.2	3.2	3.5	2.9	3.7	4.6	4.3	2.3	3.9	4.7	4.2	3.4	22.4	0.755
16:2	0.3	0.1		0.2	0.2	0.2	0.3		0.2	0.4	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.4		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.6	0.3	0.1	0.3	0.4	0.3	0.2	–	–
16:3	0.2			0.2	0.2		0.2			0.3		0.1	0.2	0.1		0.2	0.3			0.1							0.2				0.1				0.2					0.1	0.2	0.2	0.2	0.2	0.2	0.2			0.2	0.1	0.2	0.2	0.2	0.2	0.2		0.2	0.2	0.2		0.4	0.2		0.2	0.2	0.2	0.2	–	–
16:4	0.3		0.3	0.3	0.3	0.3	0.4	0.2	0.2	0.4	0.1	0.2	0.2	0.2	0.3		0.3	0.5		0.2				0.2		0.1	0.3			0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2			0.2	0.2	0.2	0.3	0.4	0.3	0.4		0.2	0.2	0.2	0.3	0.4	0.2	0.3		0.3	0.4	0.3	0.3	0.1	0.5	0.3		0.3	0.4	0.3	0.3	–	–
17:0	0.7	0.6	0.8	0.5	0.5	0.5	0.4	0.7	0.6	1.0	0.7	0.6	0.7	0.6	0.5	0.8	1.0	0.7	0.7	0.6	0.9	0.7	0.9	0.7	0.6	1.0	0.9	0.7	0.8	0.6	0.6	0.6	0.6	0.5	1.2	0.8	0.6	0.6	0.5	0.5	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.8	0.7	0.7	1.0	0.6	0.6	0.5	0.5	0.5	0.4	0.7	0.6	1.1	0.7	0.8	0.7	0.6	0.8	0.7	–	–
17:1	0.2	0.4	0.2	0.3	0.3	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	–	–
18:0	2.9	6.1	7.5	2.6	2.4	2.1	2.3	6.9	9.9	4.7	4.6	2.5	3.1	4.1	2.7	6.5	4.7	4.9	3.9	3.1	4.3	3.5	4.1	3.4	5.8	6.2	5.6	4.8	3.5	2.8	2.7	2.6	2.8	2.7	6.2	6.3	3.5	3.2	2.6	2.7	6.2	5.5	4.3	3.8	3.5	3.6	3.3	6.2	4.9	4.6	4.4	4.4	3.3	3.2	2.8	5.2	3.1	2.9	3.5	5.4	5.1	4.5	3.9	4.1	3.5	4.4	4.2	35.5	1.486
18:1	12.1	29.7	21.0	9.7	8.7	7.7	10.7	12.0	26.1	16.6	20.2	10.7	12.1	19.5	12.8	28.4	18.2	14.4	14.4	12.0	16.7	14.7	16.5	14.5	31.5	26.2	22.6	21.7	13.4	12.8	11.7	11.1	13.8	13.0	22.6	15.8	14.3	13.7	12.1	11.6	21.9	24.5	19.0	16.8	14.8	16.6	15.2	18.7	19.5	21.4	18.6	16.0	14.1	14.2	13.1	27.0	12.3	12.8	12.6	21.3	18.1	18.9	11.0	17.3	16.5	18.1	16.6	31.4	5.228
18:2 n-6	1.5	1.0	1.4	1.5	1.4	1.6	1.5	1.5	0.2	1.2	1.4	1.7	1.6	1.2	1.6	1.1	1.3	1.2	1.5	1.5	1.5	1.6	1.6	1.5	0.9	1.0	1.0	1.3	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.4	1.4	1.4	1.4	1.5	1.1	1.2	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.3	1.4	1.5	1.5	1.6	0.9	1.6	1.4	1.5	1.1	1.0	1.3	1.7	1.4	1.3	1.3	1.4	17.9	0.243
18:3 n-3	1.0	0.4	0.5	1.1	1.0	1.3	1.3	0.4	0.5	0.6	0.6	1.1	0.9	0.7	1.3	0.4	0.8	0.7	0.7	0.9	0.8	1.0	0.9	1.1	0.4	0.4	0.5	0.6	1.0	1.1	1.2	1.3	1.3	1.4	0.6	0.5	1.0	1.1	1.2	1.3	0.4	0.7	0.8	0.9	1.0	1.0	1.0	0.5	0.6	0.7	0.7	0.9	1.1	1.2	1.3	0.5	1.3	1.5	1.5	0.6	0.6	0.7	0.9	0.9	0.9	0.8	0.9	–	–
18:4 n-3	3.6	0.5	0.4	3.9	3.6	4.9	4.7	0.4	0.8	1.9	1.6	3.7	2.6	1.6	4.2	0.5	1.8	1.5	1.9	3.0	2.1	3.0	2.2	3.4	0.6	0.7	1.2	1.2	2.7	3.8	4.2	4.4	4.3	5.2	0.7	0.7	3.0	3.4	4.2	4.8	0.7	1.2	1.8	2.1	2.6	2.7	2.9	0.6	1.3	1.3	1.8	2.0	3.4	3.6	4.6	0.8	4.4	5.2	4.8	1.6	1.3	1.8	2.5	2.3	2.5	2.0	2.5	56.8	1.418
20:0	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	–	–
20:1	11.8	9.1	8.6	14.9	14.7	15.4	13.4	9.4	8.4	8.3	11.5	13.3	12.3	10.0	11.8	7.2	4.3	8.3	14.0	14.4	11.2	10.8	7.8	11.9	7.4	8.7	6.1	9.3	11.7	12.5	13.0	12.8	11.4	10.9	7.1	9.5	11.9	11.7	12.1	12.2	7.3	5.8	8.7	9.7	9.5	9.2	10.3	10.5	8.8	9.1	8.7	7.6	8.3	10.2	11.9	10.0	12.4	10.8	10.1	10.2	4.8	7.6	11.0	8.4	8.8	7.0	10.1	24.0	2.428
20:2 n-6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.4	0.3	0.2	0.3	0.3	–	–
20:3 n-6	0.2		0.2					0.2					0.1				0.2	0.2	0.2		0.2	0.1	0.2			0.1		0.2	0.2	0.1					0.1	0.2	0.2	0.1			0.2				0.2	0.2		0.1	0.2	0.1				0.1	0.1	0.1		0.1			0.2		0.2	0.2		0.2	–	–
20:4 n-6	0.8	0.7	1.3	0.6	0.6	0.5	0.5	1.9	0.8	1.1	0.9	0.7	0.9	1.2	0.7	1.1	2.1	1.5	1.0	0.7	1.1	0.9	1.2	0.9	0.8	1.0	1.1	1.0	1.1	0.8	0.7	0.7	0.7	0.8	1.2	1.5	0.8	0.8	0.6	0.7	1.3	1.1	1.1	1.1	1.0	0.9	0.8	0.7	1.5	1.1	0.9	1.2	1.3	0.9	0.9	0.6	0.6	0.8	0.6	1.0	0.9	1.8	1.1	1.3	1.1	0.9	1.3	1.0	33.1	0.324
20:4 n-3	0.9	0.8	0.7	0.9	0.9	1.0	1.1	0.5	0.8	0.6	0.8	0.9	0.8	0.7	1.1	0.8	0.5	0.7	0.8	0.9	0.8	0.9	0.7	0.9	0.8	0.7	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.2	0.6	0.7	0.8	0.8	0.9	1.0	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.6	0.7	0.9	0.7	0.7	1.0	1.0	1.1	0.9	1.1	1.1	1.0	0.9	0.6	0.7	0.8	0.8	0.8	0.7	0.8	–	–
20:5 n-3	8.8	3.3	4.3	6.7	7.5	7.6	8.3	6.2	4.6	9.4	5.0	7.5	6.6	6.2	7.9	4.8	12.3	10.3	4.8	6.1	6.8	7.5	8.3	7.0	4.2	5.5	9.7	5.3	6.7	7.1	7.2	7.4	7.7	8.3	6.3	6.9	6.8	7.4	8.0	7.3	7.3	8.9	8.0	8.0	8.7	8.2	8.0	5.0	6.6	6.6	7.2	9.6	10.0	7.6	7.6	3.8	7.4	8.0	7.7	5.2	12.0	8.4	6.0	8.5	10.2	9.3	7.3	24.3	1.782
21:5 n-3	0.5	0.2	0.2	0.4	0.4	0.4	0.4	0.3	0.2	0.5	0.3	0.4	0.4	0.3	0.4	0.3	0.5	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.2	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.3	0.5	0.3	0.4	0.3	0.4	0.4	0.4	–	–
22:1	12.3	8.2	8.8	15.4	16.3	16.1	14.3	10.2	8.1	9.6	11.4	14.1	12.5	8.8	11.4	6.0	3.3	7.8	13.8	14.7	10.2	10.1	7.0	11.5	6.4	8.0	5.2	9.0	12.1	12.7	13.5	13.4	11.6	11.1	7.2	10.1	12.2	12.2	12.5	12.5	6.4	5.0	8.4	9.5	9.8	9.0	10.4	10.3	7.9	8.0	8.1	7.1	8.0	10.3	12.7	8.7	13.2	11.4	10.2	9.3	4.6	6.6	11.6	7.9	8.6	6.4	10.0	28.9	2.891
22:5 n-6	0.2	0.2	0.6	0.3	0.3	0.2	0.2	0.7	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.5	0.3	0.4	0.4	0.5	0.3	0.2	0.3	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.3	0.3	0.2	0.3	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.7	0.5	0.4	0.5	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.5	0.4	0.7	0.4	0.2	0.4	0.4	–	–
22:5 n-3	1.6	1.1	1.5	1.3	1.3	1.2	1.4	2.0	1.3	1.6	1.6	1.4	1.6	1.4	1.5	1.4	1.8	1.7	1.5	1.5	1.7	1.6	1.7	1.5	1.4	1.6	1.8	1.8	1.7	1.5	1.5	1.4	1.3	1.4	1.8	1.9	1.6	1.5	1.5	1.4	2.2	1.8	2.1	1.9	1.8	1.8	1.7	1.9	1.8	1.8	1.8	1.8	1.7	1.6	1.4	1.2	1.3	1.3	1.4	1.6	1.7	1.9	1.7	2.1	1.9	1.9	1.6	14.7	0.238
22:6 n-3	11.7	8.4	17.4	11.5	12.0	11.4	10.4	23.8	10.2	13.6	10.5	11.5	13.8	10.8	11.8	11.5	15.7	16.5	13.2	11.5	12.1	13.4	15.0	11.7	8.4	10.3	12.9	12.7	13.4	11.6	11.0	10.9	10.7	10.9	13.2	18.9	12.1	12.0	12.3	12.1	14.4	12.7	13.1	12.6	12.1	12.2	10.9	15.9	14.4	12.8	15.2	15.4	14.9	13.1	10.1	7.5	10.0	10.2	13.5	12.2	14.2	13.9	16.7	13.7	11.3	14.0	12.7	19.9	2.533
24:1	0.9	1.2	1.1	1.0	0.9	0.9	0.8	1.0	1.1	0.8	1.0	1.0	1.0	0.9	0.8	0.9	0.5	0.8	1.0	1.0	0.9	0.8	0.8	0.9	1.0	1.0	0.7	1.0	1.0	0.8	0.9	0.8	0.7	0.8	1.1	1.0	0.8	0.8	0.8	0.8	0.9	0.6	0.8	0.8	0.8	0.8	0.8	1.0	0.9	0.8	0.8	0.8	0.6	0.7	0.7	1.0	0.8	0.7	0.7	1.0	0.6	0.7	1.0	0.8	0.7	0.7	0.9	–	–
UK等	4.8	4.5	4.0	5.6	5.8	5.2	5.6	4.7	4.6	3.7	5.2	5.7	5.4	5.2	5.6	4.1	3.5	4.0	5.8	5.6	5.0	5.1	4.4	4.9	4.3	4.2	3.5	4.8	5.2	5.6	5.6	5.8	5.4	5.3	3.6	4.4	4.9	4.5	5.1	5.7	4.5	3.7	4.3	4.6	4.8	4.8	5.1	5.1	4.6	4.6	4.0	3.6	4.2	5.0	5.5	5.8	5.7	5.4	5.2	5.2	4.3	3.8	6.1	4.2	4.1	4.0	4.8	–	–

注）脂肪酸組成データの空欄は0.1%未満、UK等は未同定に脂肪酸など。