Table S1: GC-MS analysis of *P. stratiotes* L before treatment

RT	Compound	Molecular weight	Molecular formula	Area %
9.662	(R)-(-)-(Z)-14-Methyl-8-hexadecen-1-ol	254	$C_{17}H_{34}O$	8.93
9.774	Pentadecanal	226	$C_{15}H_{30}O$	9.774
9.865	Cyclododecanol	184	$C_{12}H_{24}O$	6.85
10.003	Pentadecanoic acid	270	$C_{17}H_{34}O_2$	11.00
10.182	L-(+)-Ascorbic acid	652	$C_{38}H_{68}O_8$	21.69
10.760	:Octadecatrienoic acid	292	$C_{19}H_{32}O_2$	16.45
15.200	8-Hexadecenal,	252	$C_{17}H_{32}O$	7.45
15.359	Stigmasterol	412	$C_{29}H_{48}O$	23.67

Table S2: GC-MS analysis of *P. stratiotes* L after treatment

RT	Compound	Molecular weight	Molecular Formula	Area%
9.353	1-Hexadecyne	222	$C_{16}H_{30}$	13.25
9.458	Pentadecanal-	226	$C_{15}H_{30}O$	2.50
9.671	Pentadecanoic acid, 14-methyl-, methyl ester	270	$C_{17}H_{34}O_2$	2.37
9.840	Tetradecanoic acid	228	$C_{14}H_{28}O_2$	51.35
10.469	Phytol	296	$C_{20}H_{40}O$	19.60
14.583	Oleic Acid	282	$C_{18}H_{34}O_2$	6.65

Table S3: GC-MS analysis of *Salvinia adnata* Desv before treatment

RT	Compound	Molecular weight	Molecular formula	Area %
9.859	9-Eicosyne	278	$C_{20}H_{38}$	6.94
10.178	Pentadecanoic acid	242	$C_{15}H_{30}O_2$	24.40
10.948	Oleic Acid	282	$C_{18}H_{34}O_2$	21.33
11.053	Pentadecanoic acid	242	$C_{15}H_{30}O_2$	6.71
15.180	Stigmasta-5,22-diene, 3-methoxy-, (3.beta.,22E)-	426	$C_{30}H_{50}O$	5.12
15.334	Cholesta-22,24-dien-5-ol, 4,4-dimethyl	412	$C_{29}H_{48}O$	5.95
15.633	Anthracene, 9-dodecyltetradecahydro-	360	$C_{26}H_{48}$	11.04

Table S4: GC-MS analysis of *Salvinia adnata* Desv after treatment

RT	Compound	Molecular weight	Molecular Formula	Area%
8.935	Nonanoic acid	158	$C_9H_{18}O_2$	1.34
9.482	Methylcyclodecane	154	$C_{11}H_{22}$	2.28
9.836	Tetradecanoic acid	228	$C_{14}H_{28}O_2$	21.24
10.513	5-Tridecene	180	$C_{13}H_{24}$	9.87
10.549	N,N'-Bis(cyanocarbonyl) tetramethylenediamine	194	$C_8H_{10}N_4O_2$	22.68
10.645	Myristic acid	228	$C_{14}H_{28}O_2$	11.26
14.583	3.alpha.-(Trimethylsiloxy)cholest-5-ene	458	$C_{30}H_{54}OSi$	12.82
15.109	Cholest-4-en-3-one	384	$C_{27}H_{44}O$	9.81

Table S5: GC-MS analysis of *Hydrilla verticillata* (L.f) Royle before treatment

RT	Compound	Molecular weight	Molecular formula	Area %
9.033	6-Methyl-cyclodec-5-enol	168	$C_{11}H_{20}O$	6.57
9.665	Oxirane	268	$C_{18}H_{36}O$	7.94
10.209	L-(+)-Ascorbic acid	652	$C_{38}H_{68}O_8$	43.13
10.764	9,12,15-Octadecatrienoic acid	292	$C_{19}H_{32}O_2$	3.53
10.874	Phytol	296	$C_{20}H_{40}O$	5.82
10.965	7-Tetradecenal	210	$C_{14}H_{26}O$	33.01

Table S6: GC-MS analysis of *Hydrilla verticillata* (L.f) Royle after treatment

R.T	Compound	Molecular weight	Molecular formula	Area%
9.834	Tetradecanoic acid	228	$C_{14}H_{28}O_2$	29.12
10.467	Phytol	296	$C_{20}H_{40}O$	12.79
10.535	Linolenic acid	292	$C_{19}H_{32}O_2$	31.49
10.640	Oleic Acid	282	$C_{18}H_{34}O_2$	7.20
13.850	3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)	430	$C_{29}H_{50}O_2$	3.02
14.239	Stigmasta-5,22-diene, 3-methoxy-, (3.beta.,22E)-	426	$C_{30}H_{50}O$	2.13
14.357	Stigmasterol	412	$C_{29}H_{48}O$	12.78