
**CHEMICAL PROFILE, ANTIBACTERIAL, ANTIFUNGAL AND INSECTICIDE
POTENTIAL OF ESSENTIAL OIL FROM THE LEAVES OF *Varronia dardani*
(TARODA) J. S. MILL**

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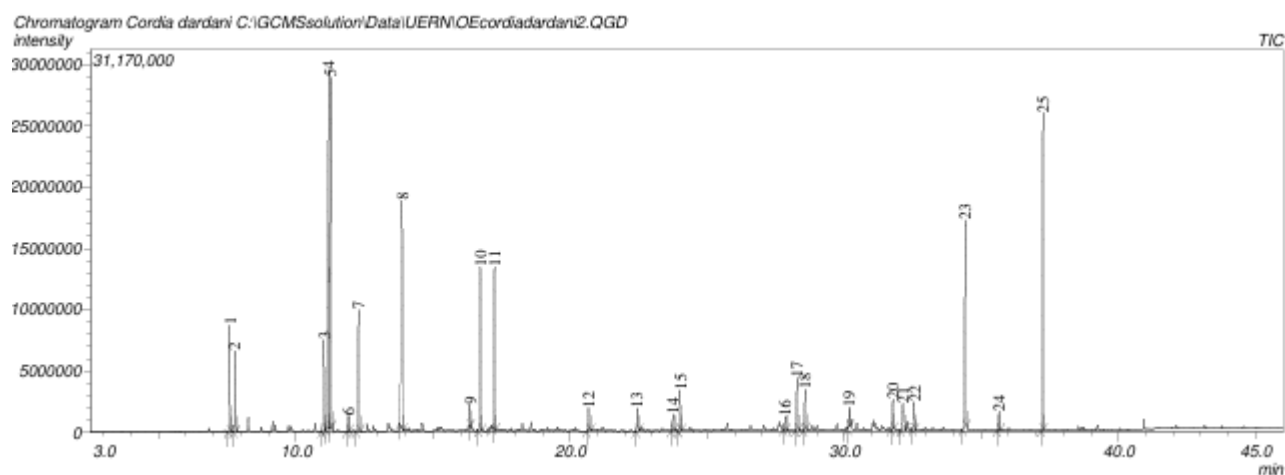
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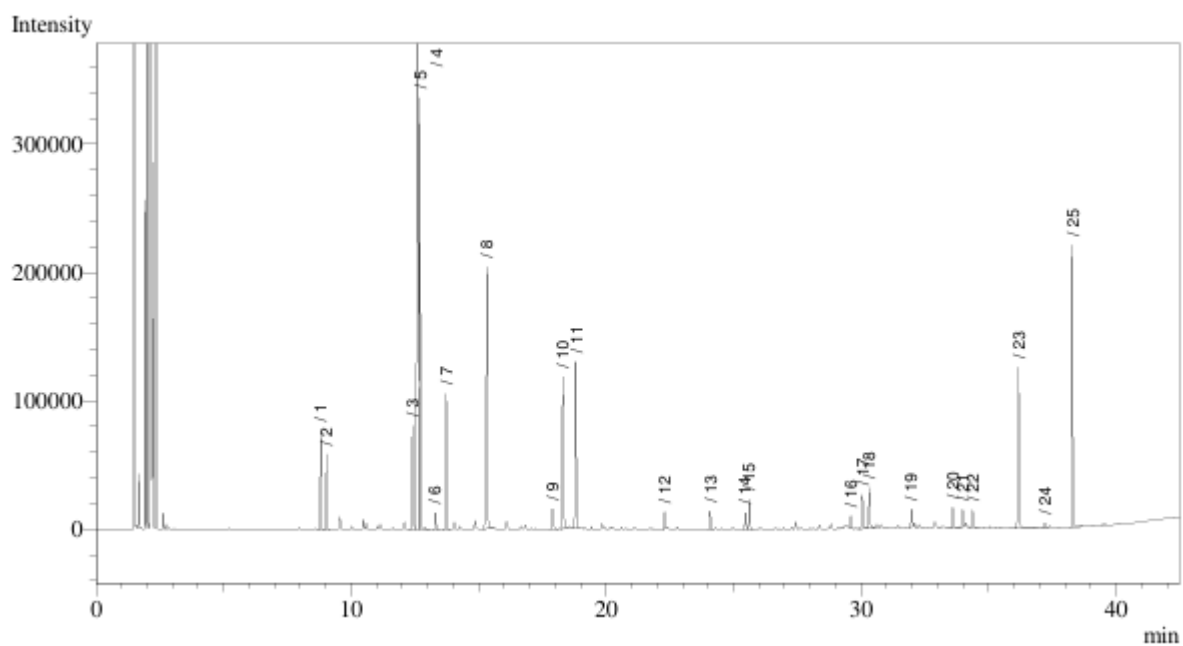
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Peak Report TIC

Peak#	R.Time	Area%	Height	Height%
1	7.579	2.92	8657378	4.17
2	7.786	2.23	6559548	3.16
3	11.015	3.78	7374666	3.55
4	11.215	22.10	29318391	14.12
5	11.281	10.54	28493927	13.72
6	11.909	0.46	1231758	0.59
7	12.284	3.97	9871844	4.75
8	13.874	9.65	18531049	8.93
9	16.337	0.61	1663456	0.80
10	16.727	6.50	13303825	6.41
11	17.245	6.54	13198152	6.36
12	20.663	0.94	1828635	0.88
13	22.461	0.77	1815638	0.87
14	23.753	0.60	1333048	0.64
15	24.009	1.39	3287798	1.58
16	27.843	0.48	1084642	0.52
17	28.277	2.02	4253473	2.05
18	28.570	1.47	3256502	1.57
19	30.181	0.67	1595475	0.77
20	31.773	1.13	2395021	1.15
21	32.134	1.50	2137890	1.03
22	32.543	1.04	2224640	1.07
23	34.420	8.97	16871178	8.13
24	35.640	0.71	1513340	0.73
25	37.242	9.02	25822254	12.44
		100.00	207623528	100.00

Figure 1S. GC-MS chromatogram of the essential oil of *Varronia dardani* leaves



Peak#	Ret. Time	Area	Area%
1	8.805	194431	2.689
2	9.038	150616	2.083
3	12.413	277327	3.834
4	12.619	1988192	27.491
5	12.697	956954	13.232
6	13.314	34885	0.482
7	13.726	303829	4.201
8	15.331	762437	10.542
9	17.897	60887	0.842
10	18.304	417631	5.775
11	22.297	453483	6.270
12	24.082	43667	0.604
13	25.621	43651	0.604
14	29.592	40402	0.559
15	30.048	70211	0.971
16	29.592	29907	0.413
17	30.048	102059	1.411
18	30.326	108550	1.501
19	31.984	44080	0.609
20	33.587	62107	0.859
21	33.966	68303	0.944
22	34.368	62319	0.862
23	36.178	459012	6.347
24	37.200	14754	0.204
25	38.278	482570	6.672
Total		7232264	100.000

Figure 2S. GC-FID chromatogram of the essential oil of *Varronia dardani* leaves

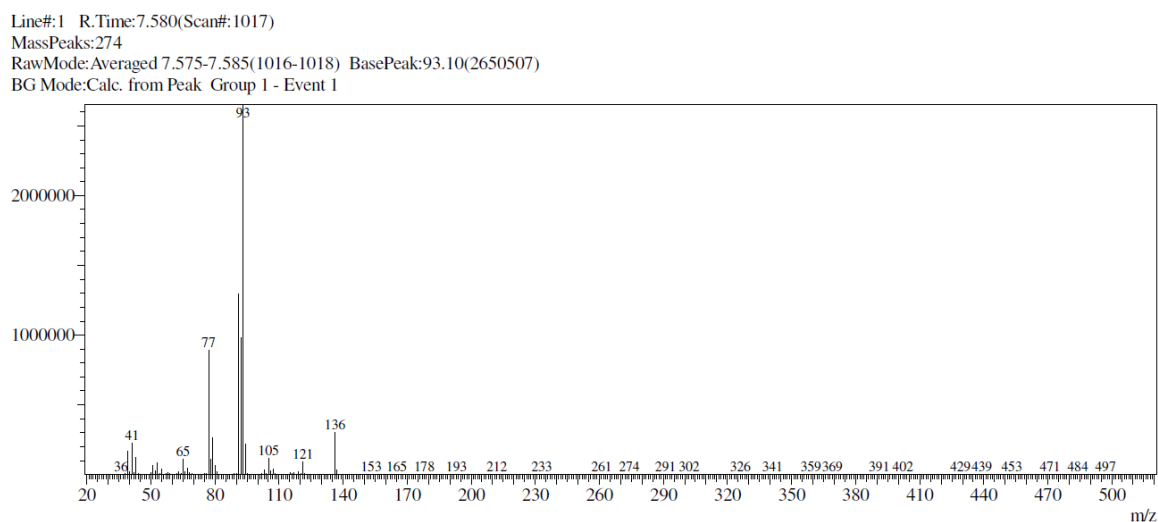


Figure 3S. Mass spectra of the compound **1** present in the essential oil of *Varronia dardani* leaves

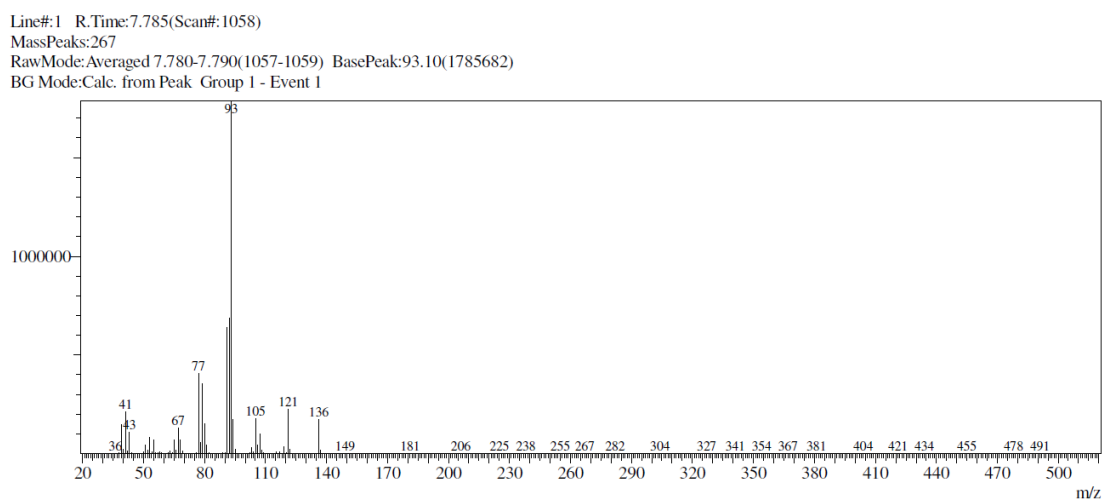


Figure 4S. Mass spectra of the compound **2** present in the essential oil of *Varronia dardani* leaves

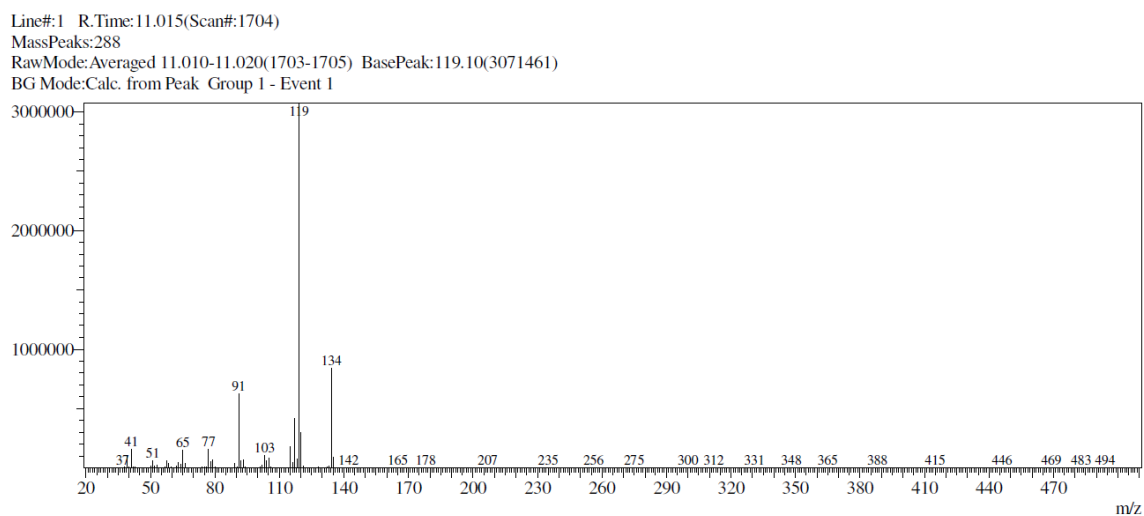


Figure 5S. Mass spectra of the compound **3** present in the essential oil of *Varronia dardani* leaves

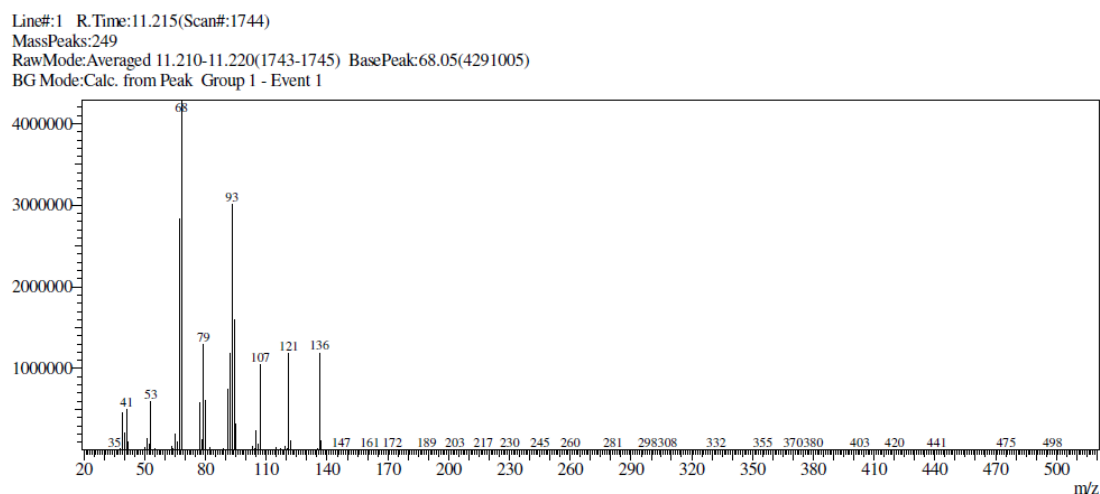


Figure 6S. Mass spectra of the compound **4** present in the essential oil of *Varronia dardani* leaves

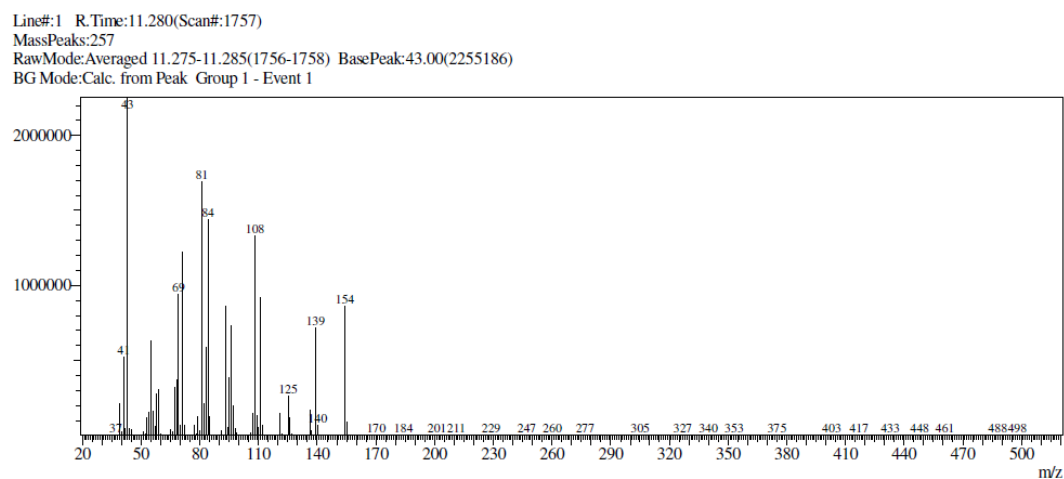


Figure 7S. Mass spectra of the compound **5** present in the essential oil of *Varronia dardani* leaves

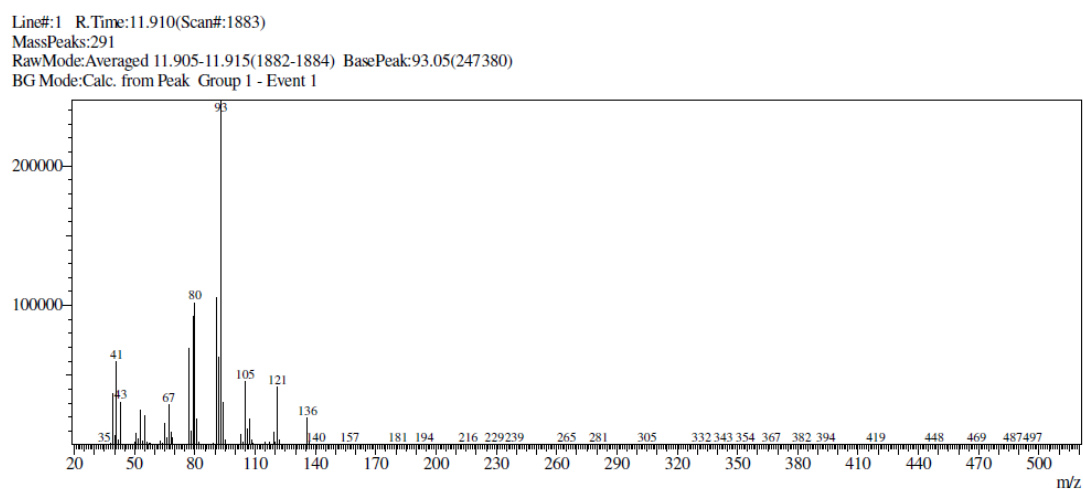


Figure 8S. Mass spectra of the compound **6** present in the essential oil of *Varronia dardani* leaves

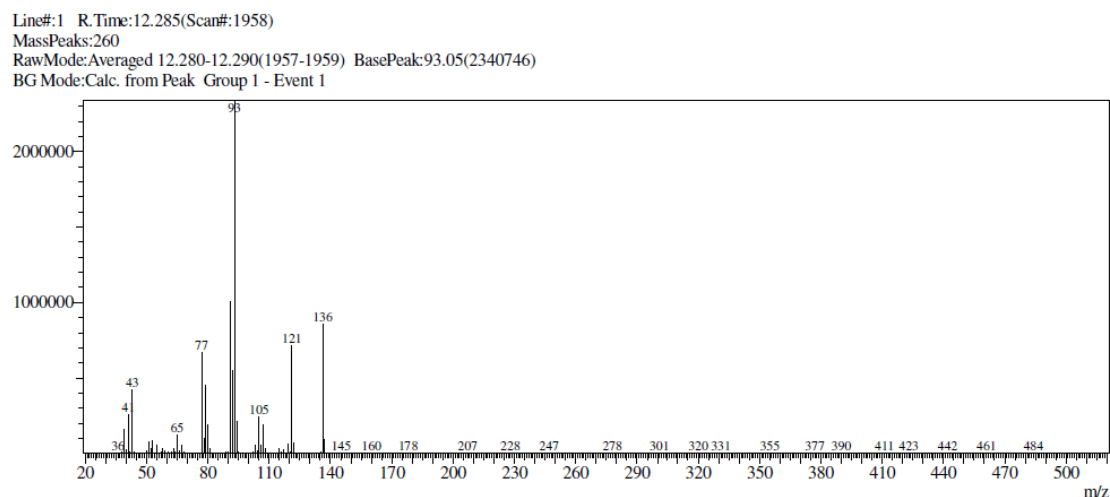


Figure 9. Mass spectra of the compound 7 present in the essential oil of *Varronia dardani* leaves

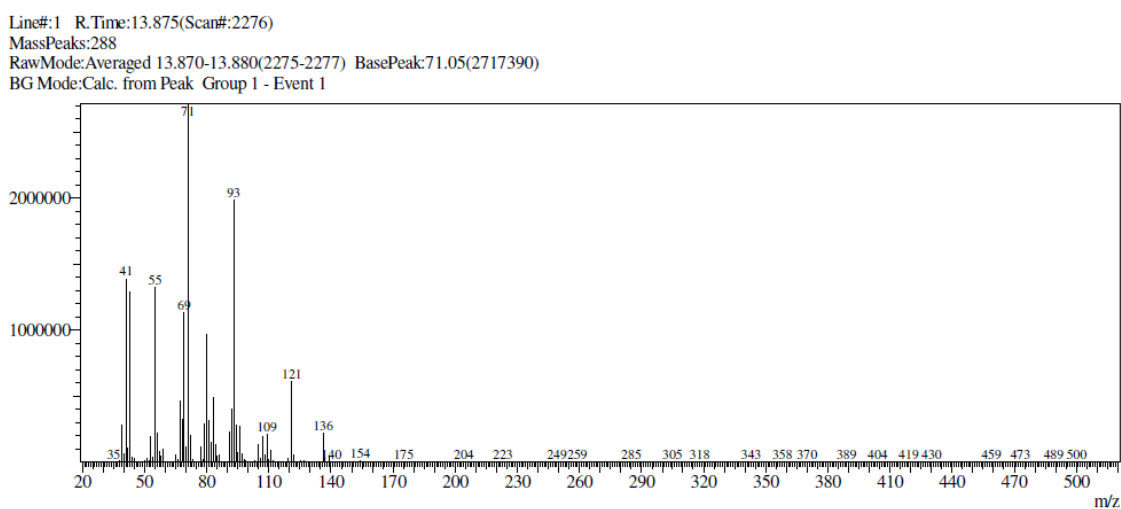


Figure 10S. Mass spectra of the compound 8 present in the essential oil of *Varronia dardani* leaves

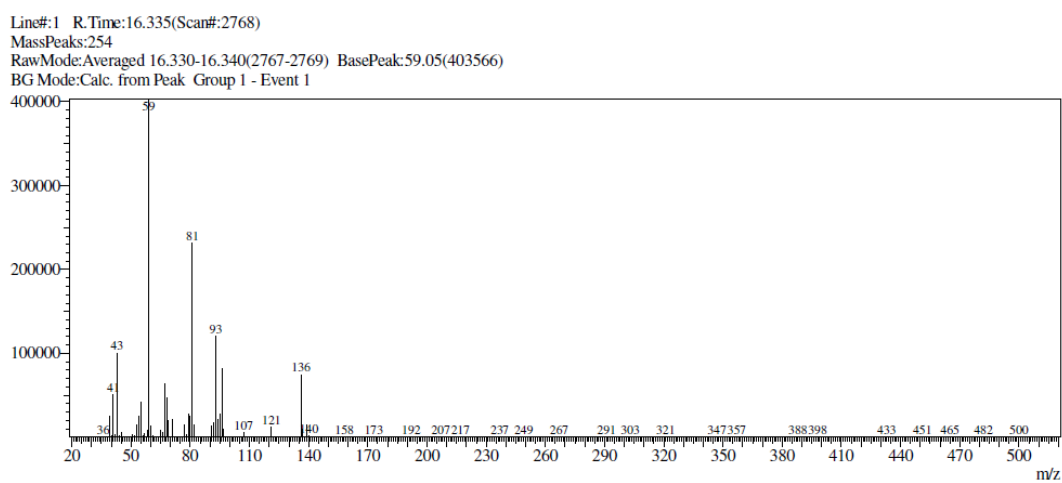


Figure 11S. Mass spectra of the compound 9 present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:16.725(Scan#:2846)
 MassPeaks:264
 RawMode:Averaged 16.720-16.730(2845-2847) BasePeak:71.05(2430609)
 BG Mode:Calc. from Peak Group 1 - Event 1

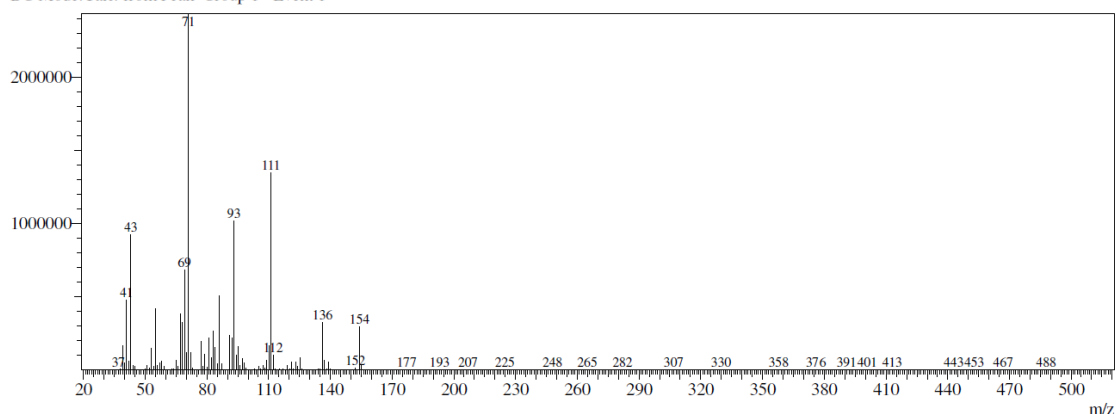


Figure 12S. Mass spectra of the compound **10** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:17.245(Scan#:2950)
 MassPeaks:295
 RawMode:Averaged 17.240-17.250(2949-2951) BasePeak:59.05(2067801)
 BG Mode:Calc. from Peak Group 1 - Event 1

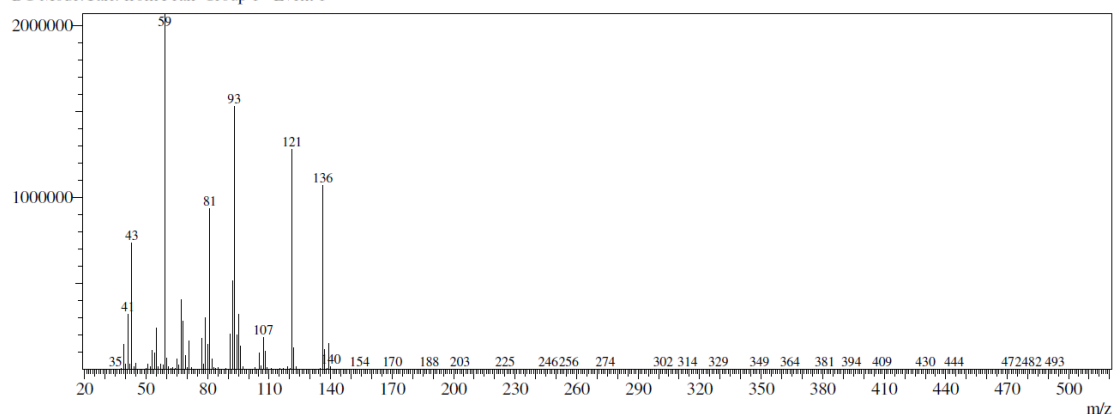


Figure 13S. Mass spectra of the compound **11** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:20.665(Scan#:3634)
 MassPeaks:330
 RawMode:Averaged 20.660-20.670(3633-3635) BasePeak:95.10(304200)
 BG Mode:Calc. from Peak Group 1 - Event 1

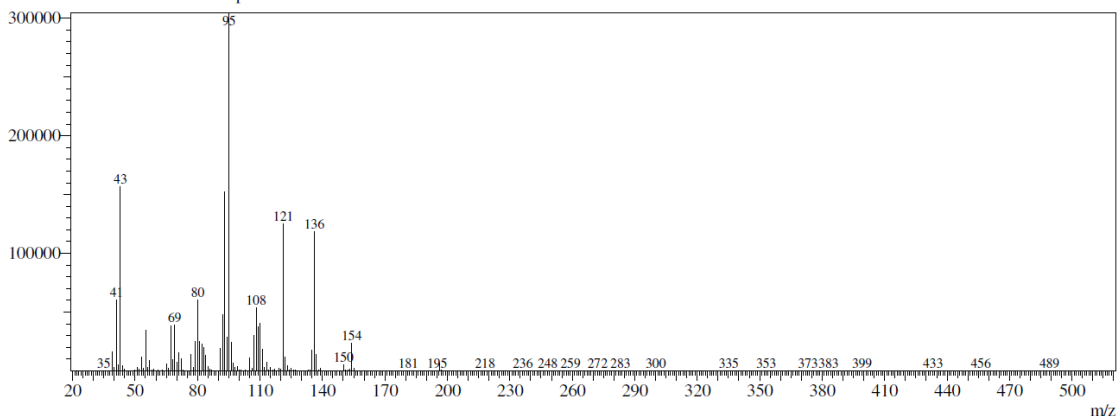


Figure 14S. Mass spectra of the compound **12** present in the essential oil of *Varronia dardani* leaves

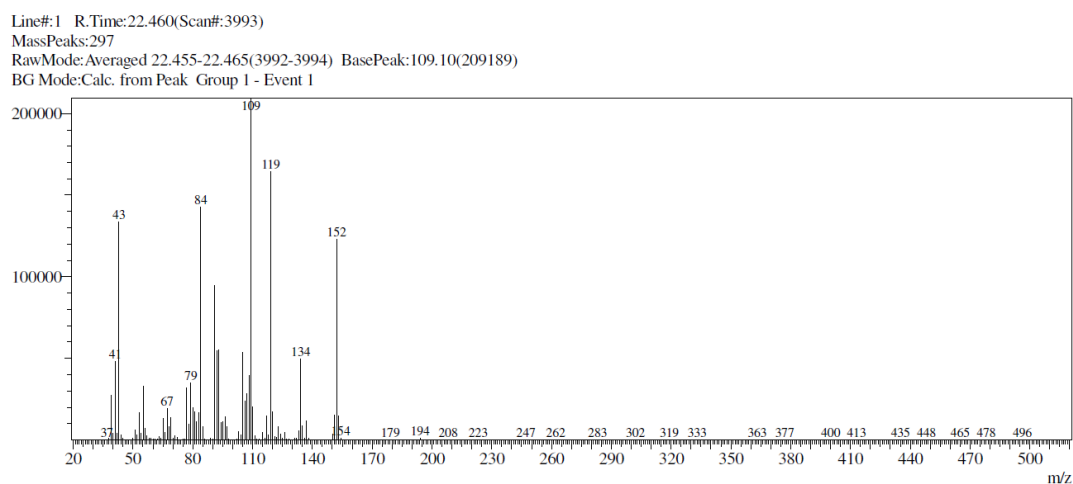


Figure 15S. Mass spectra of the compound **13** present in the essential oil of *Varronia dardani* leaves

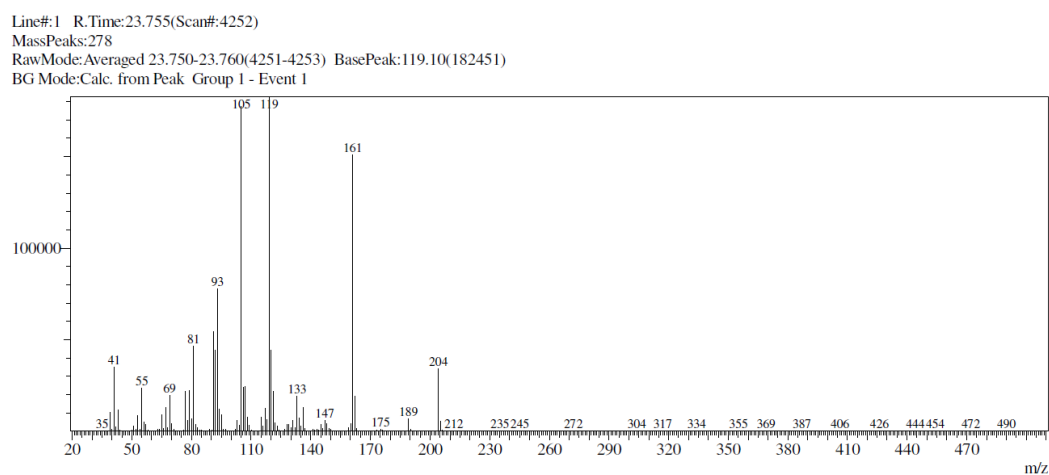


Figure 16S. Mass spectra of the compound **14** present in the essential oil of *Varronia dardani* leaves

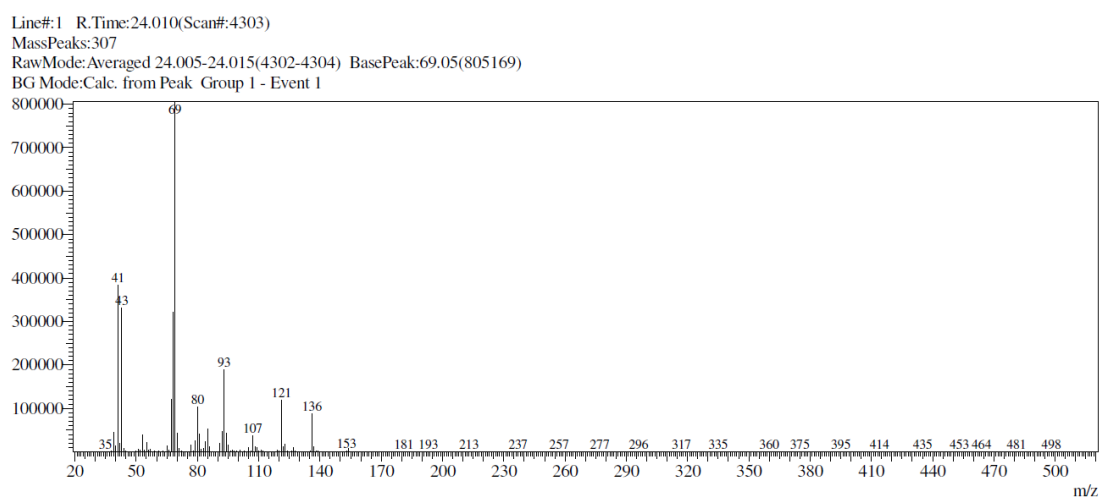


Figure 17S. Mass spectra of the compound **15** present in the essential oil of *Varronia dardani* leaves

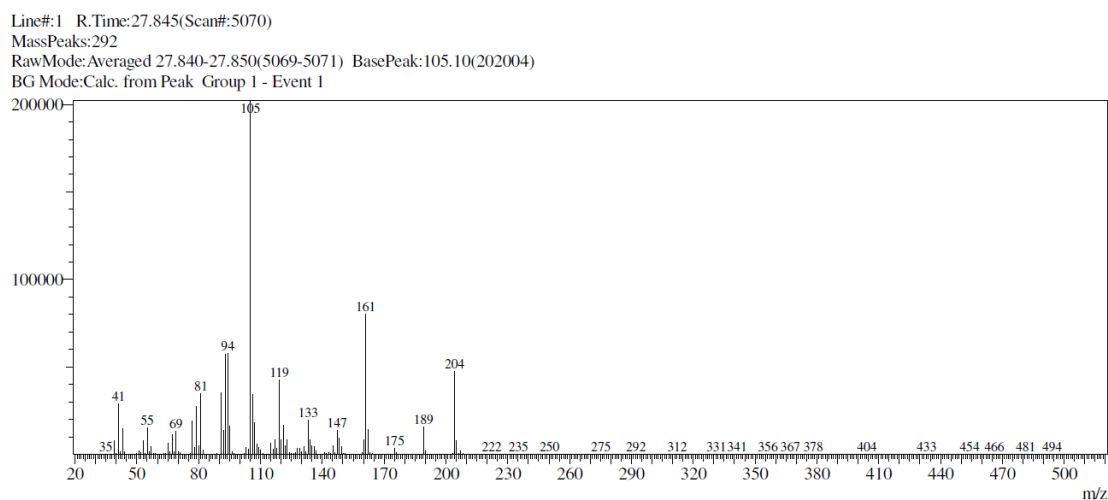


Figure 18S. Mass spectra of the compound **16** present in the essential oil of *Varronia dardani* leaves

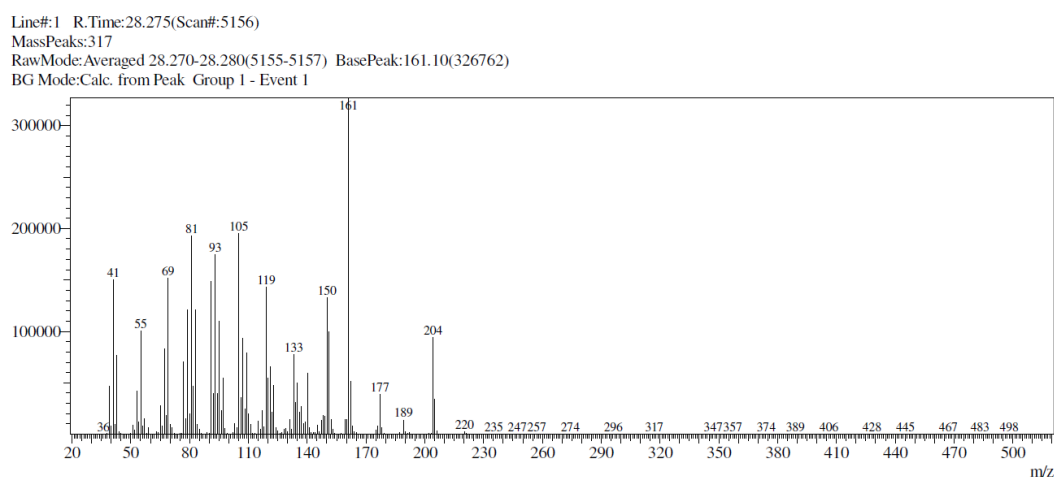


Figure 19S. Mass spectra of the compound **17** present in the essential oil of *Varronia dardani* leaves

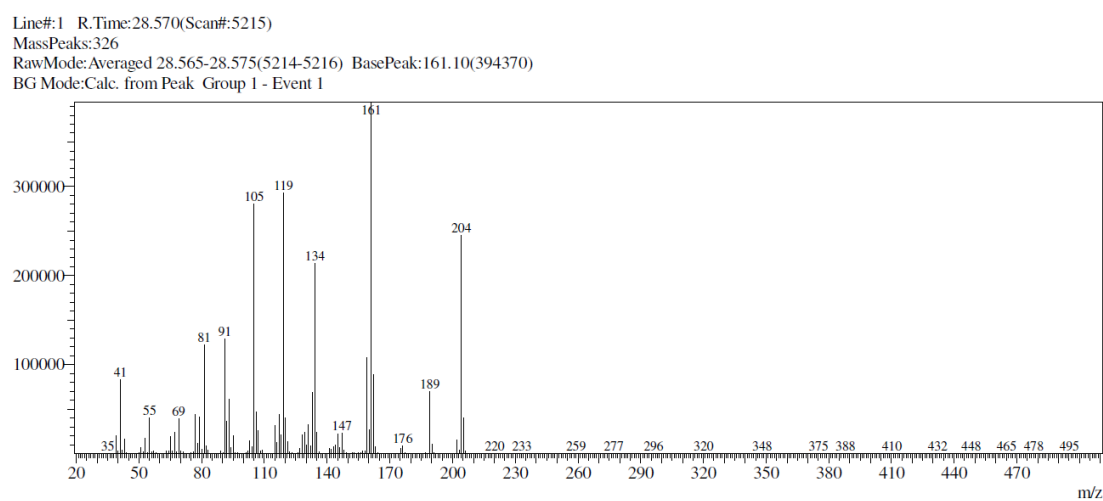


Figure 20S. Mass spectra of the compound **18** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:30.180(Scan#:5537)
 MassPeaks:284
 RawMode:Averaged 30.175-30.185(5536-5538) BasePeak:81.05(349575)
 BG Mode:Calc. from Peak Group 1 - Event 1

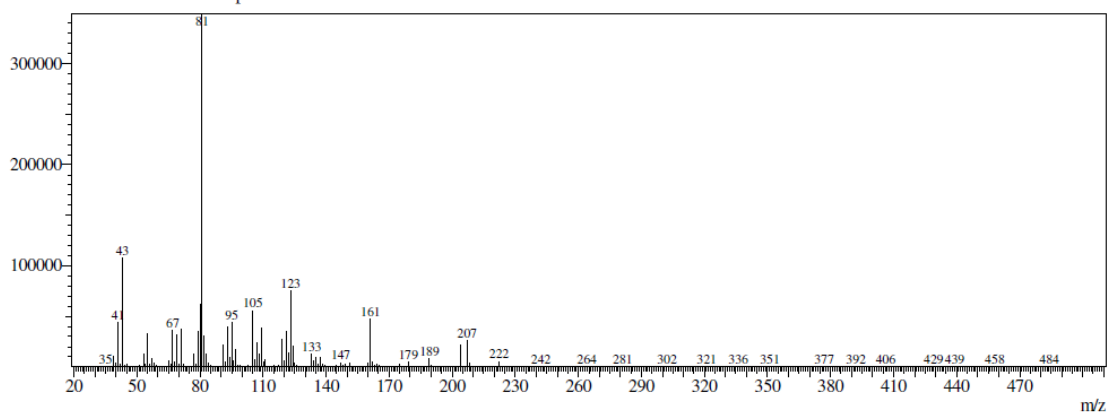


Figure 21S. Mass spectra of the compound **19** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:31.775(Scan#:5856)
 MassPeaks:275
 RawMode:Averaged 31.770-31.780(5855-5857) BasePeak:119.10(141787)
 BG Mode:Calc. from Peak Group 1 - Event 1

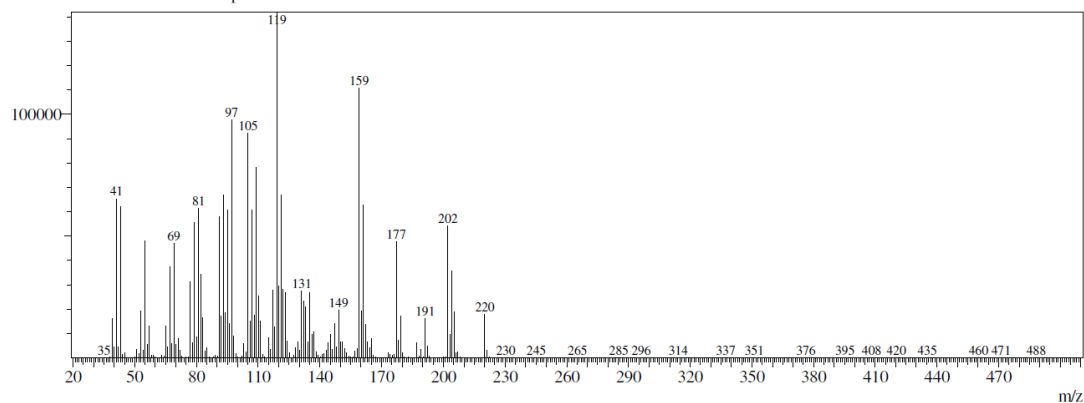


Figure 22S. Mass spectra of the compound **20** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:32.135(Scan#:5928)
 MassPeaks:307
 RawMode:Averaged 32.130-32.140(5927-5929) BasePeak:161.10(348756)
 BG Mode:Calc. from Peak Group 1 - Event 1

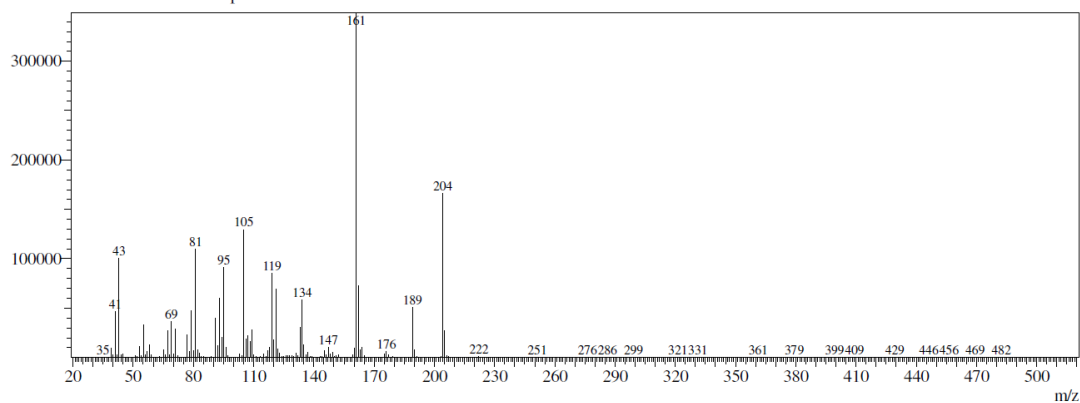


Figure 23S. Mass spectra of the compound **21** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:32.545(Scan#:6010)
 MassPeaks:278
 RawMode:Averaged 32.540-32.550(6009-6011) BasePeak:95.10(234263)
 BG Mode:Calc. from Peak Group 1 - Event 1

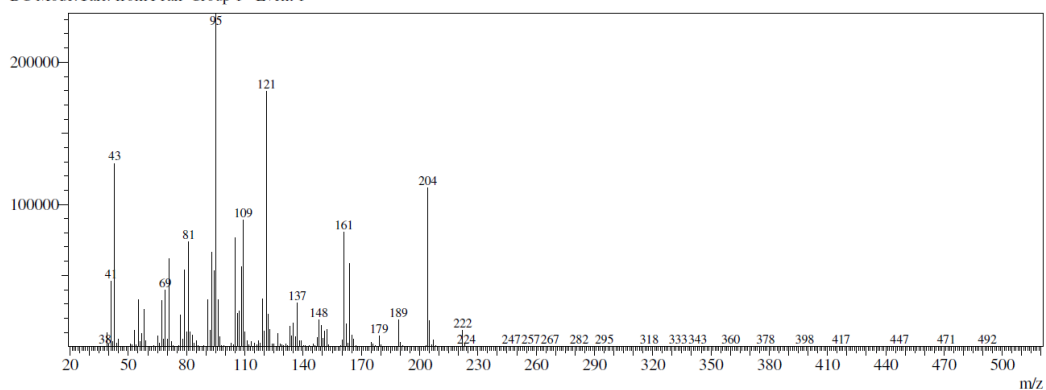


Figure 24S. Mass spectra of the compound **22** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:34.420(Scan#:6385)
 MassPeaks:305
 RawMode:Averaged 34.415-34.425(6384-6386) BasePeak:69.05(4308209)
 BG Mode:Calc. from Peak Group 1 - Event 1

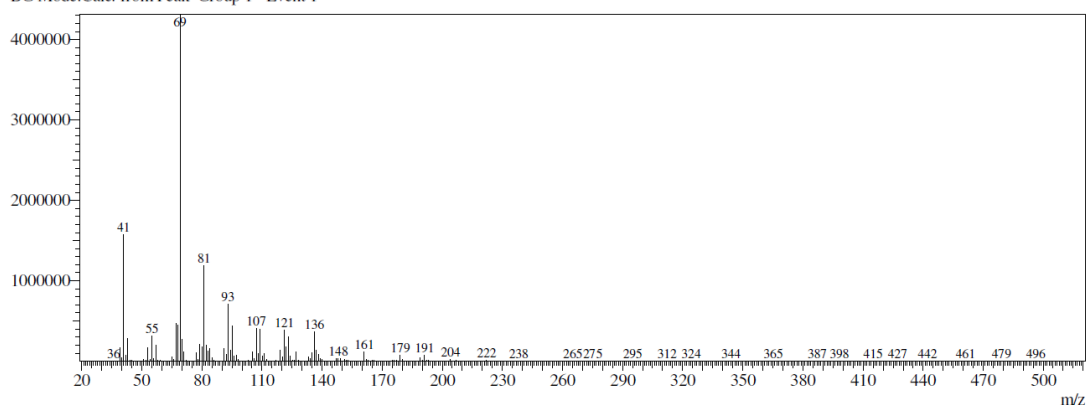


Figure 25S. Mass spectra of the compound **23** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:35.640(Scan#:6629)
 MassPeaks:280
 RawMode:Averaged 35.635-35.645(6628-6630) BasePeak:105.05(526902)
 BG Mode:Calc. from Peak Group 1 - Event 1

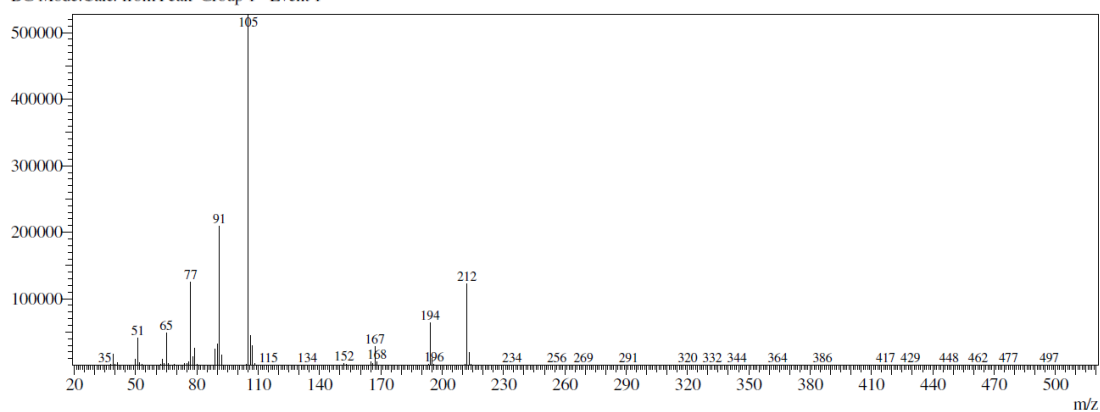


Figure 26S. Mass spectra of the compound **24** present in the essential oil of *Varronia dardani* leaves

Line#:1 R.Time:37.240(Scan#:6949)
MassPeaks:364
RawMode:Averaged 37.235-37.245(6948-6950) BasePeak:69.05(5185547)
BG Mode:Calc. from Peak Group 1 - Event 1

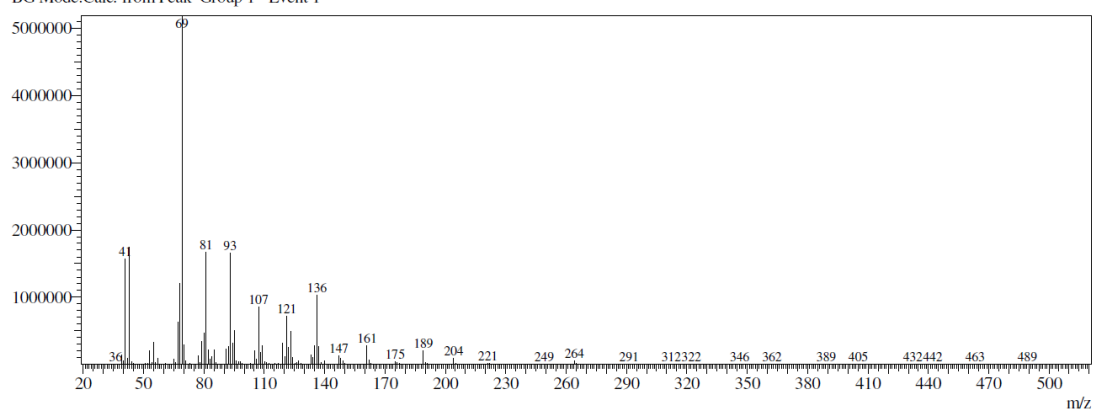


Figure 27S. Mass spectra of the compound **25** present in the essential oil of *Varronia dardani* leaves

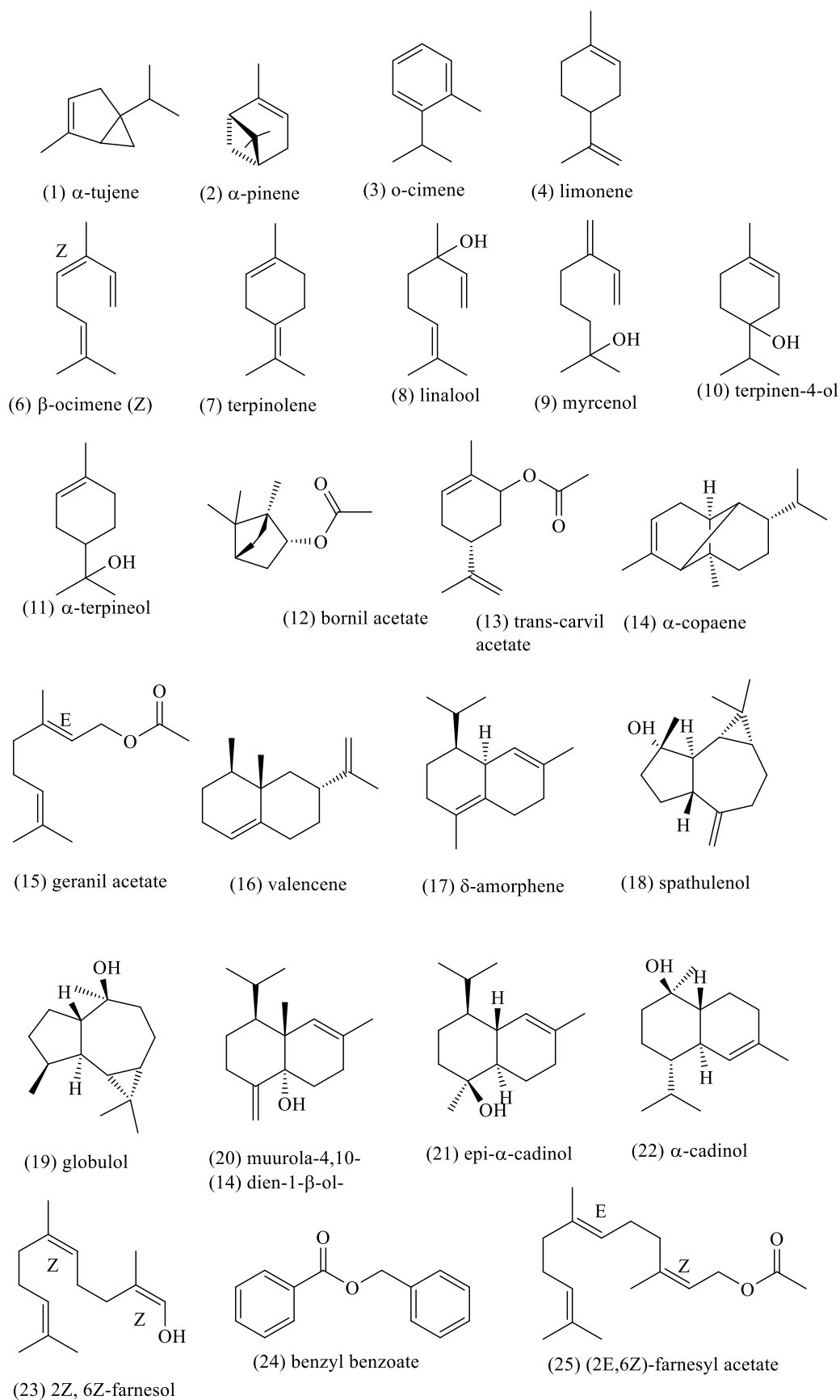


Figure 28S. Chemical constituents of the essential oil of *V. dardani*