

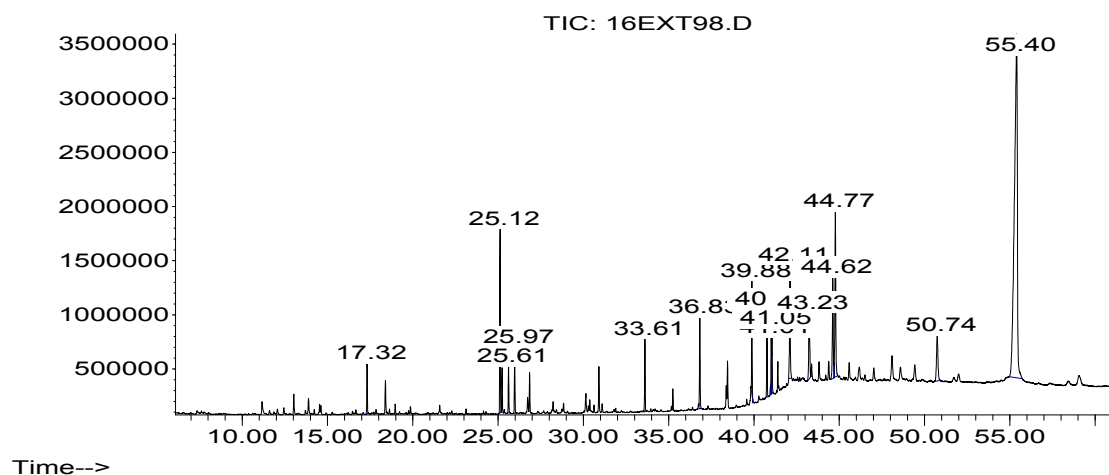
Table S1 . Results of the identification of the compounds by gas chromatography-mass spectrometry. Fraction 6 (F6)

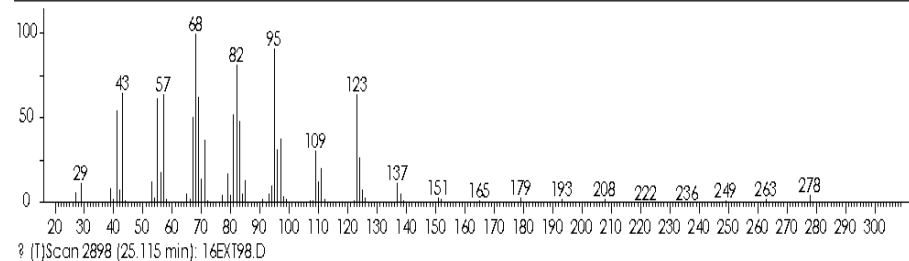
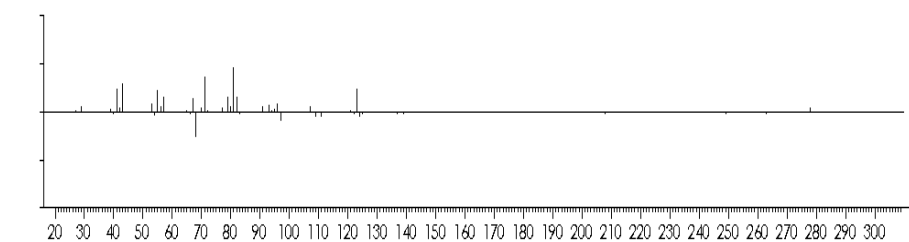
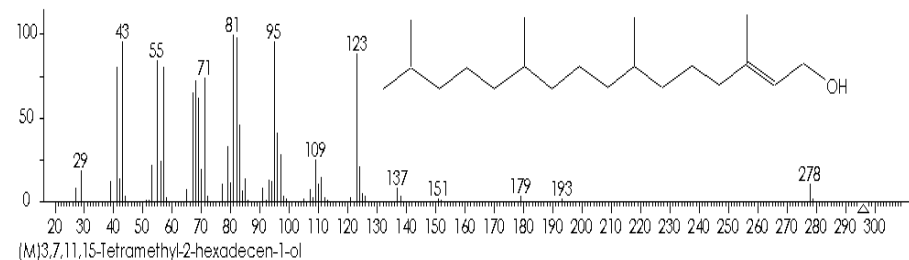
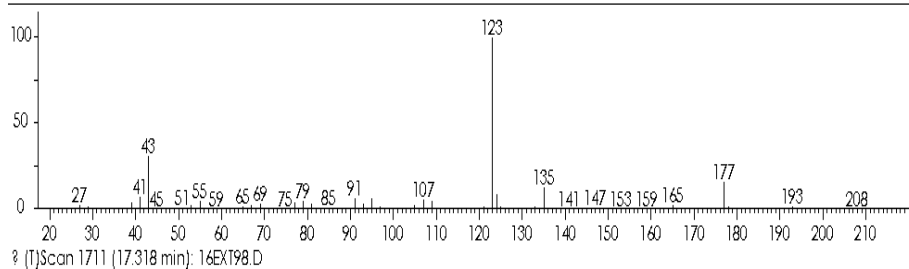
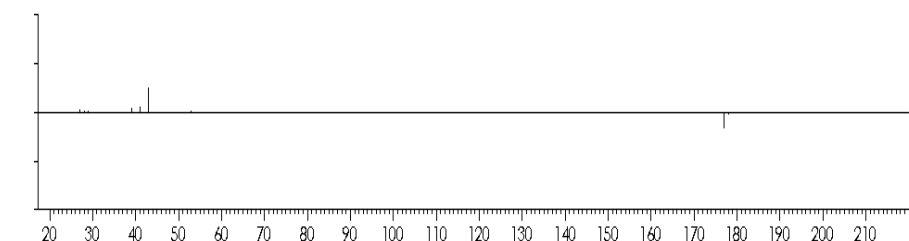
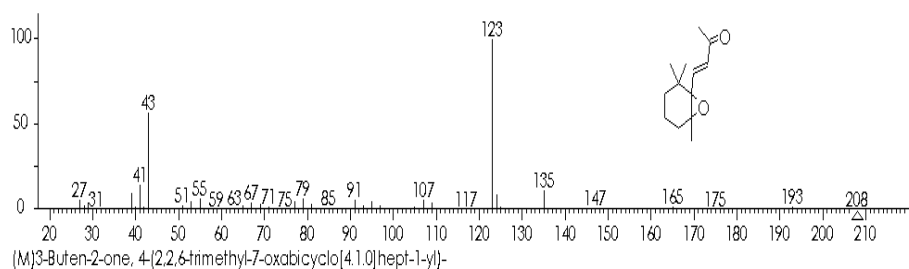
Acq on: 18 Aug 2016 14:46. Sample: F6 Spitless 70°C-1min, 5°C/min-250°C-1min, 10°C/min-285°C-20min

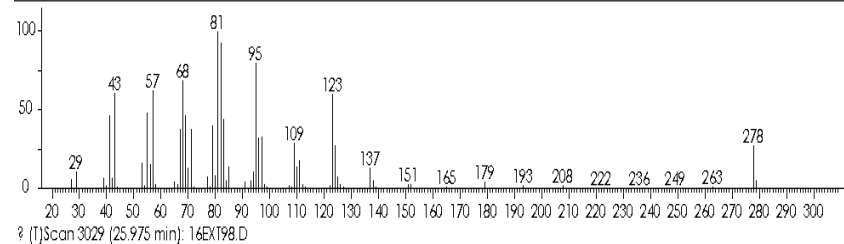
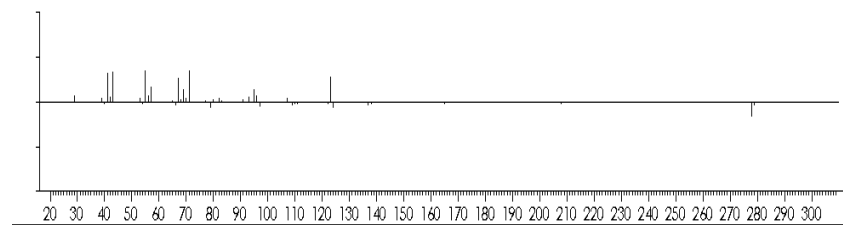
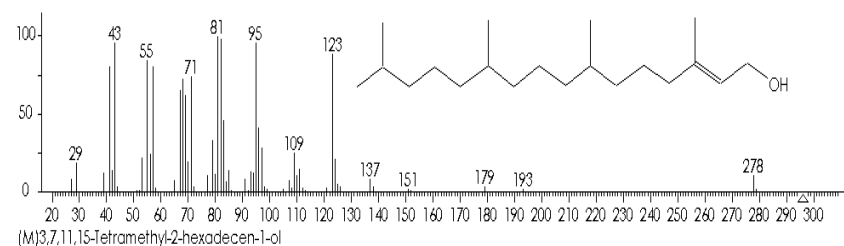
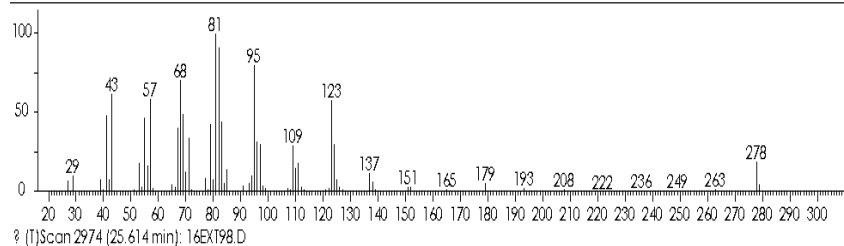
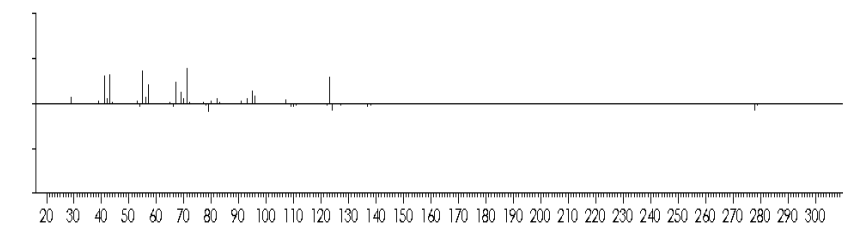
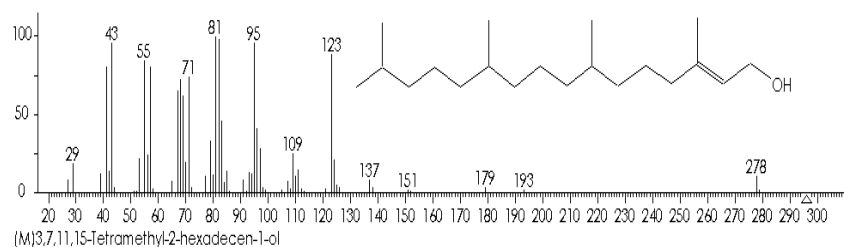
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of Total	Compound
1	17.324	1702	1712	1721	BB2	458954	11486235	3.04%	1.571%	Phytol
2	25.115	2887	2898	2908	BV	1676696	39819245	10.54%	5.446%	(M)3,7,11,15-Tetramethyl-2-hexadecen-1-ol
3	25.614	2966	2974	2984	M	434926	10343307	2.74%	1.415%	Phytol
4	25.975	3020	3029	3038	M2	612451	14932192	3.95%	2.042%	Phytol
5	33.608	4182	4191	4204	BB	661849	16561603	4.38%	2.265%	Tricosane
6	36.826	4673	4681	4696	VB	835634	22470938	5.95%	3.073%	(R)Pentacosane
7	39.874	5139	5145	5156	M	1062929	24270709	6.42%	3.320%	(R)Heptacosane
8	40.761	5272	5280	5293	M	806011	17930458	4.75%	2.452%	Phytol
9	41.011	5312	5318	5321	M	529393	12888272	3.41%	1.763%	(M)Cyclooctacosane
10	41.050	5321	5324	5335	M	604744	12842560	3.40%	1.756%	(M)Octacosane
11	42.108	5474	5485	5500	M	1061467	30029310	7.95%	4.107%	(M)Nonacosane
12	43.231	5642	5656	5673	M3	615916	25917591	6.86%	3.545%	(M)1-Dotriacontanol
13	44.617	5850	5867	5878	M	942314	34000389	9.00%	4.650%	(M)Hentriacontane
14	44.768	5879	5890	5909	M4	1546668	54924996	14.54%	7.512%	Phytol
15	50.745	6775	6800	6826	BB	417987	24936726	6.60%	3.411%	(M)Stigmasta-3,5-dien-7-one
16	55.396	7440	7508	7558	BB 4	3172707	377800732	100.00%	51.672%	Phytol

Sum of corrected areas: 731155261

Abundance





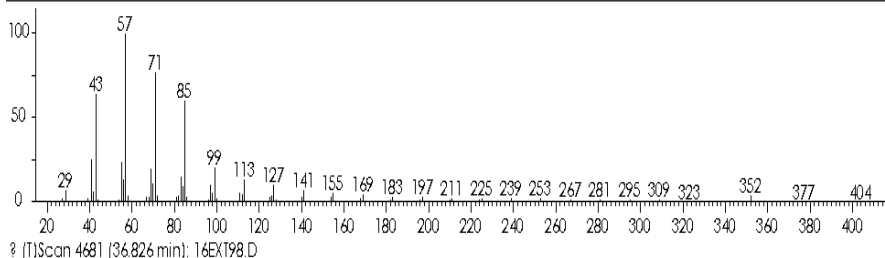
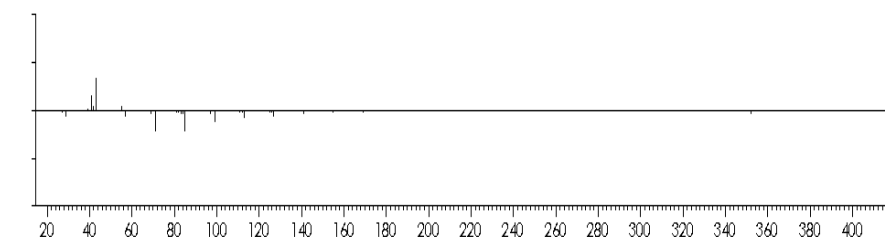
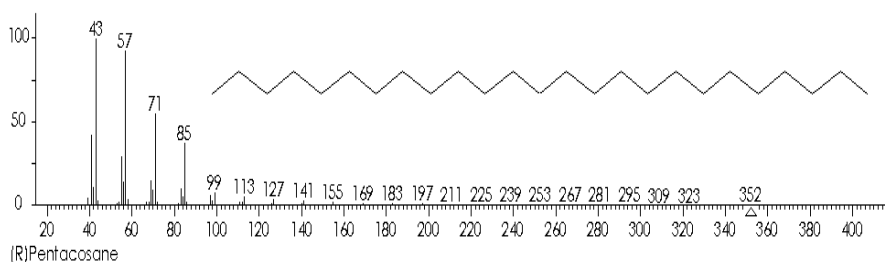
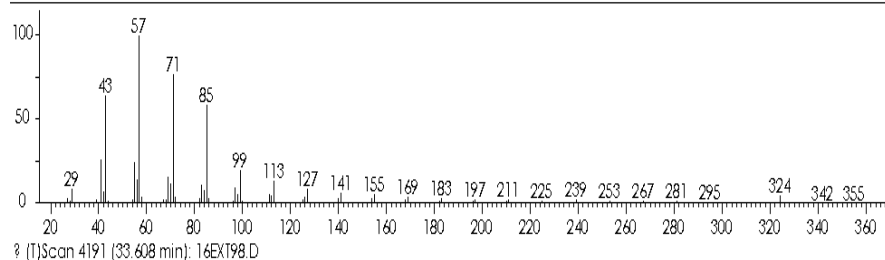
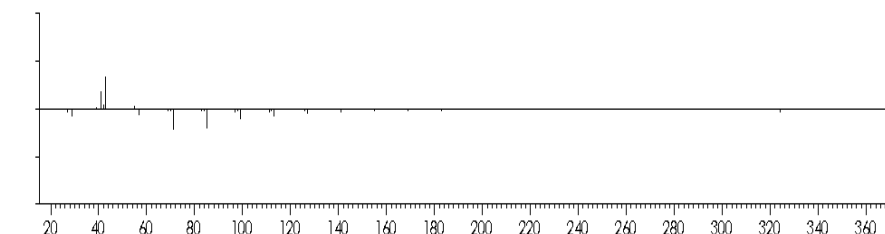
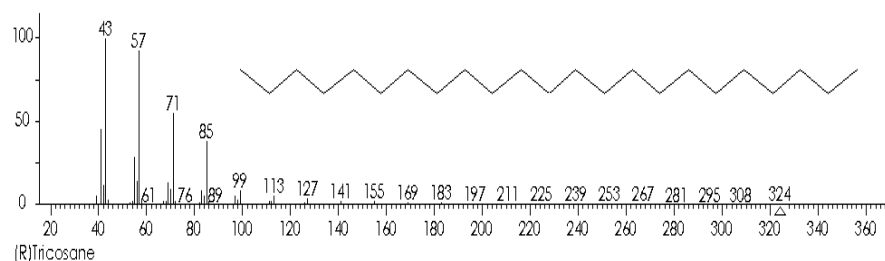


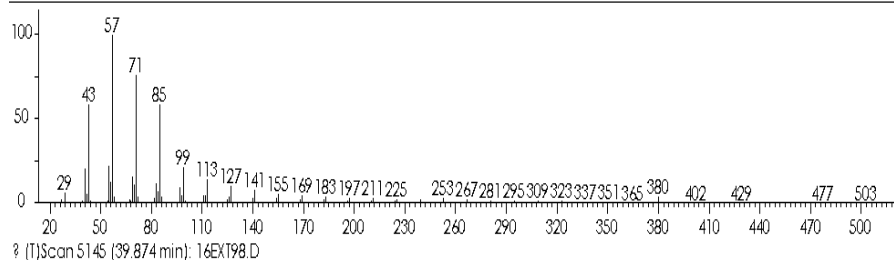
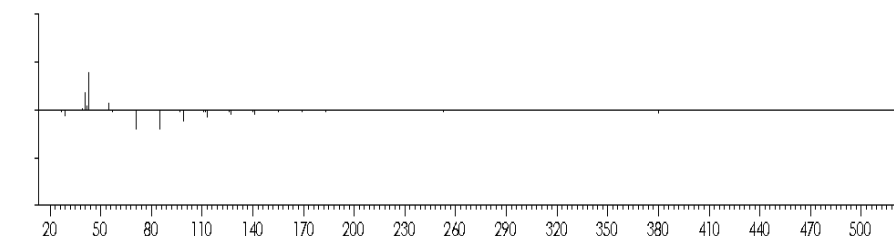
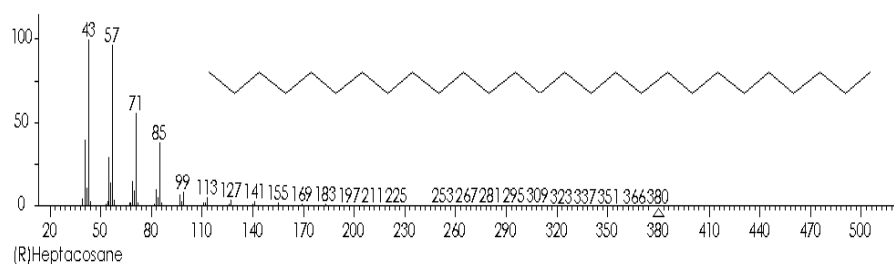
11

12

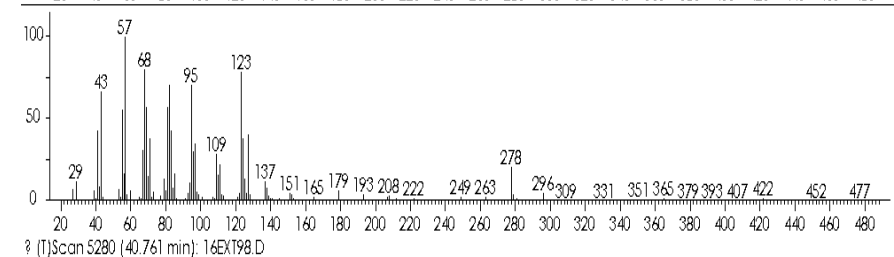
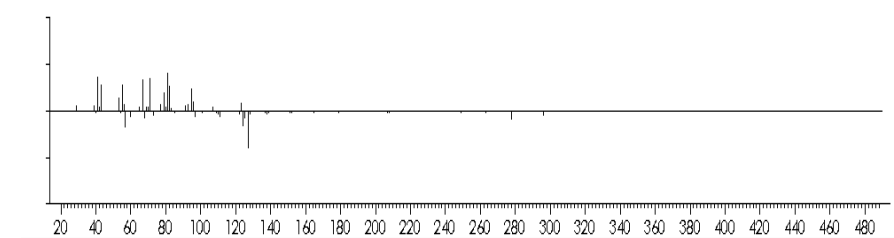
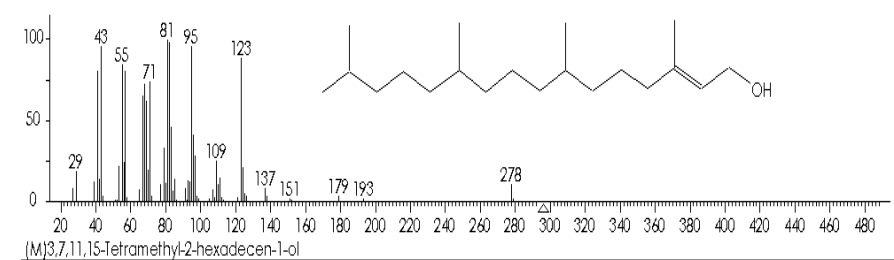
13

14

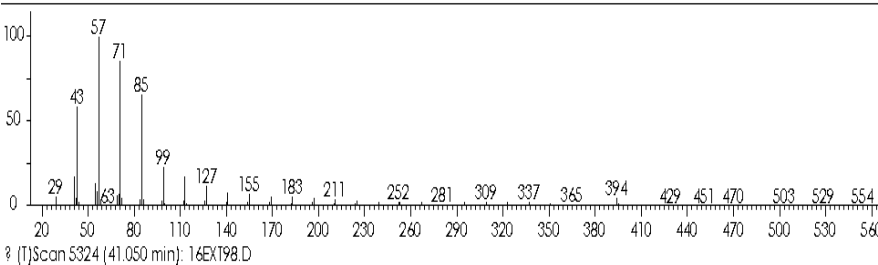
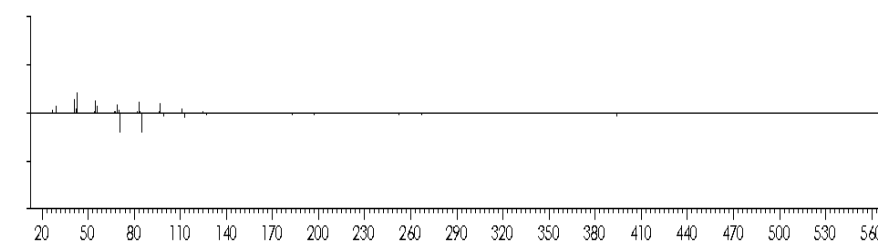
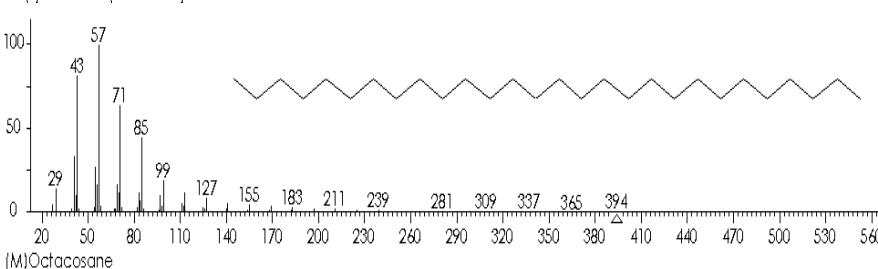
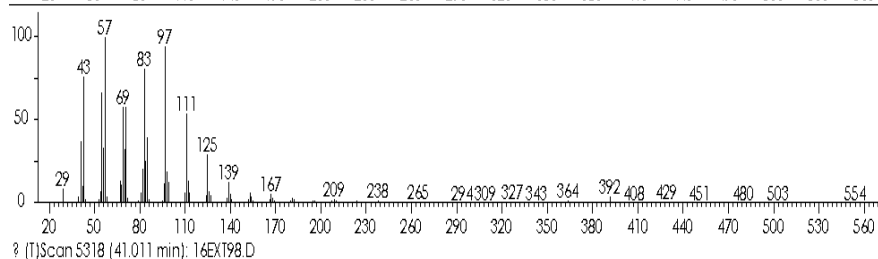
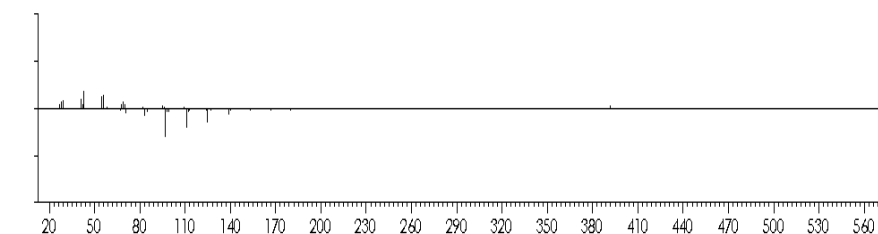
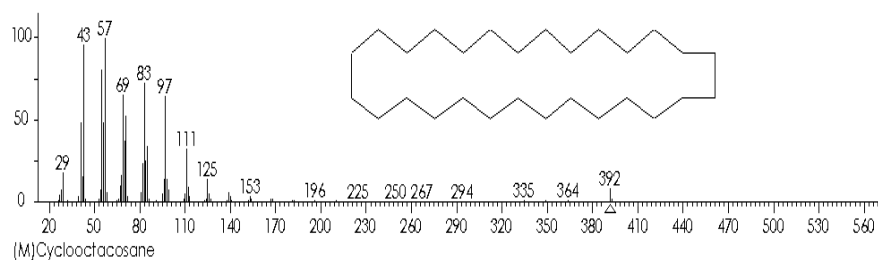




? (T)Scan 5145 (39.874 min): 16EXT98.D



? (T)Scan 5280 (40.761 min): 16EXT98.D

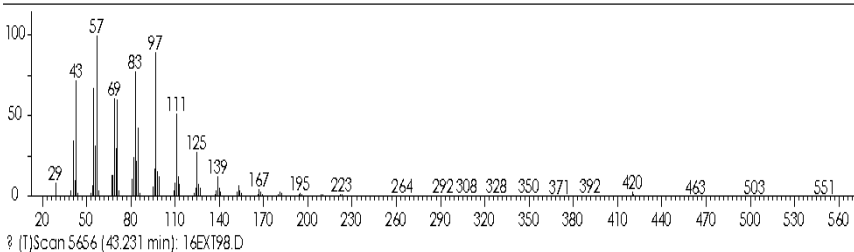
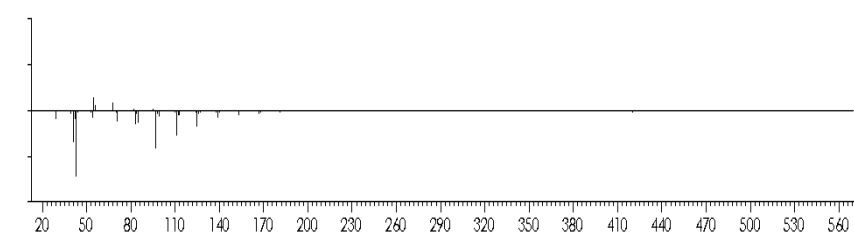
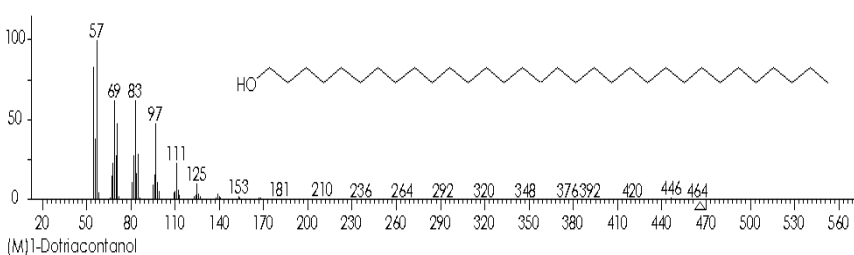
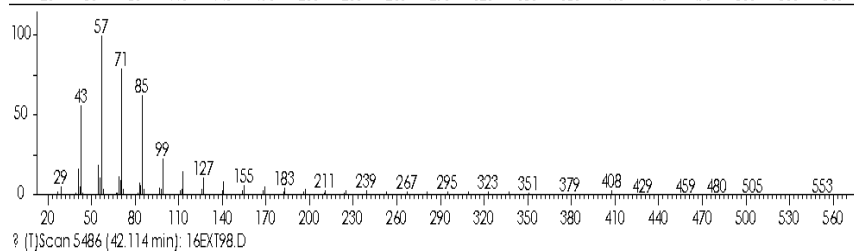
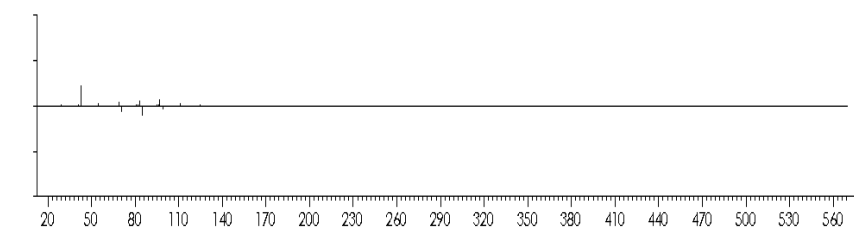
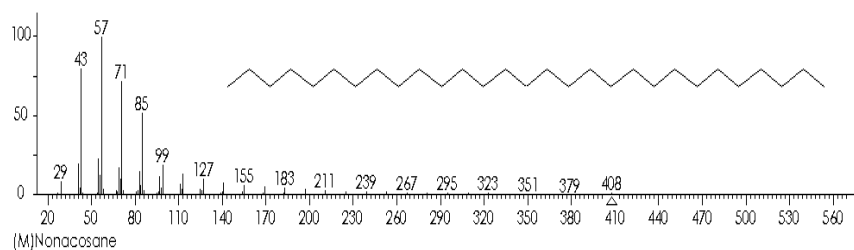


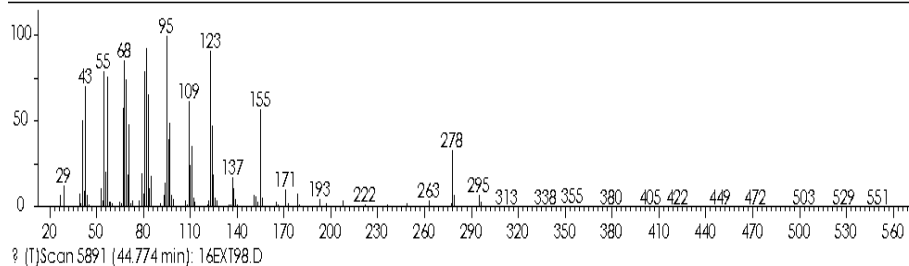
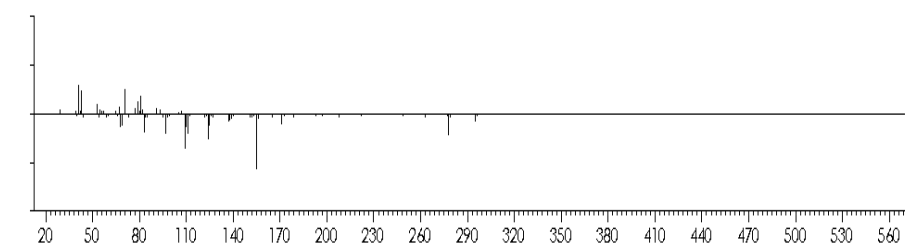
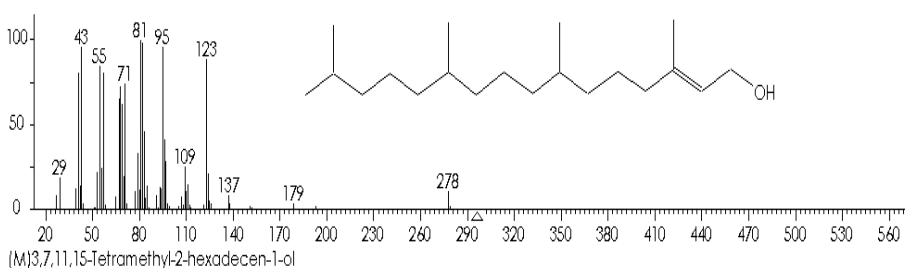
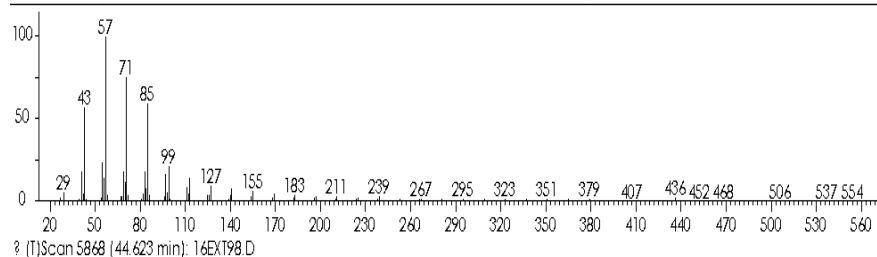
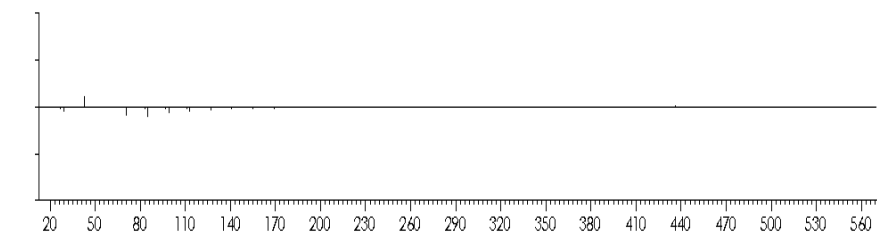
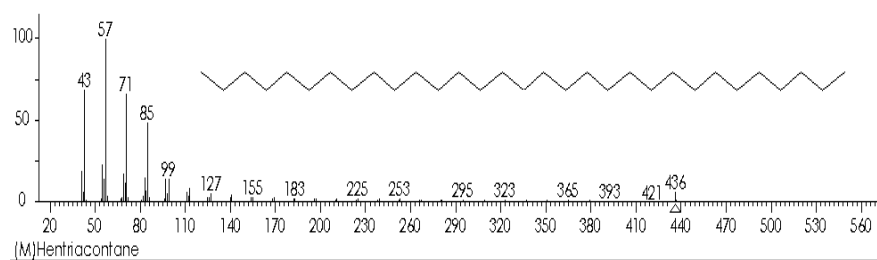
24

25

26

27





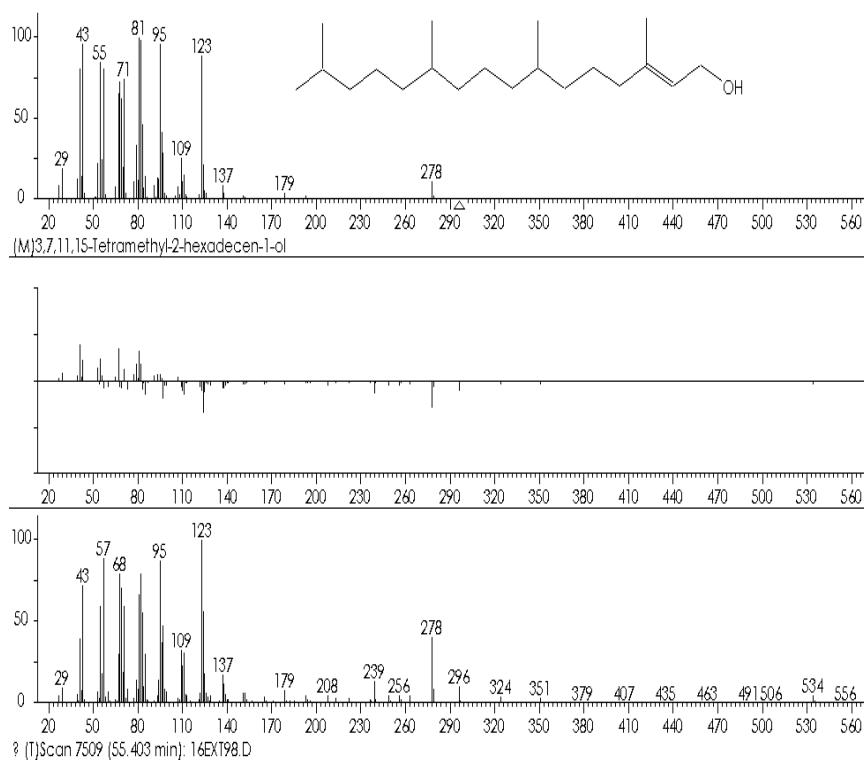
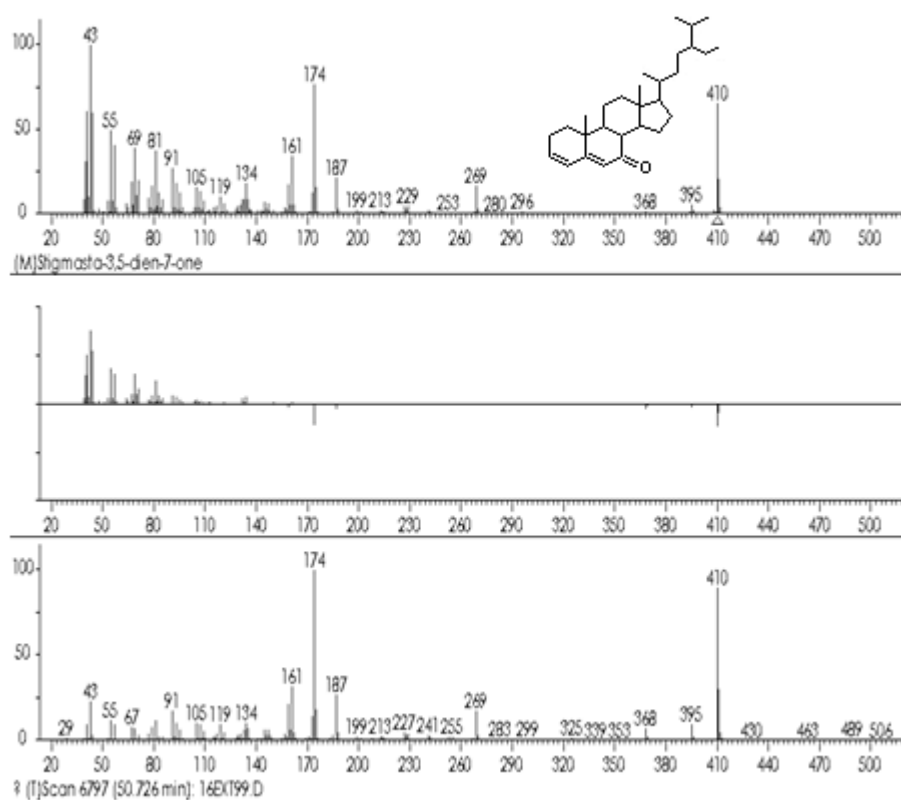
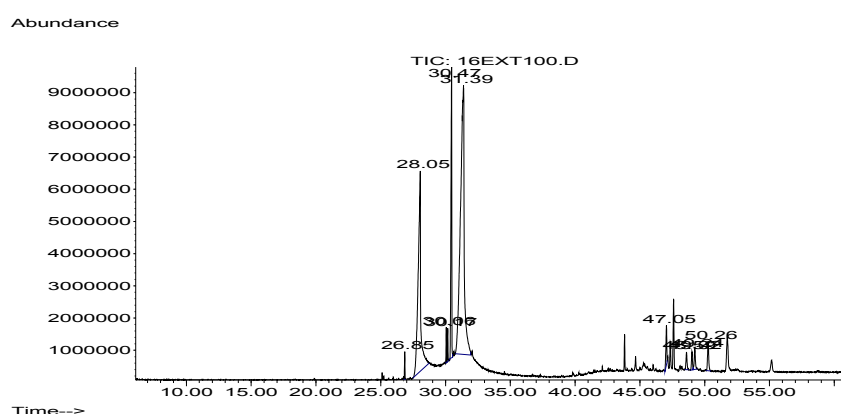


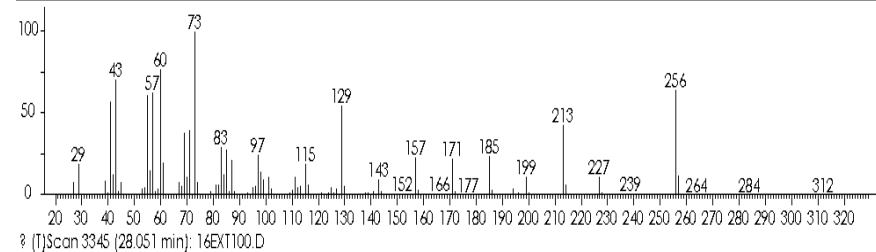
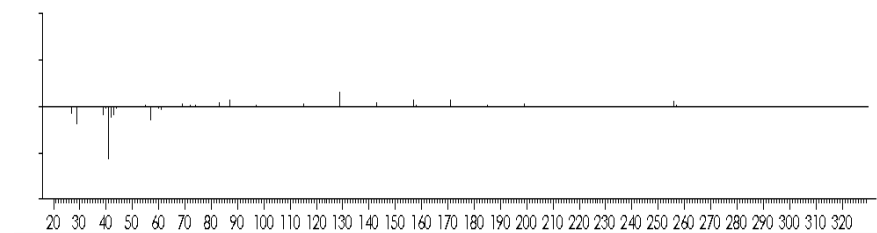
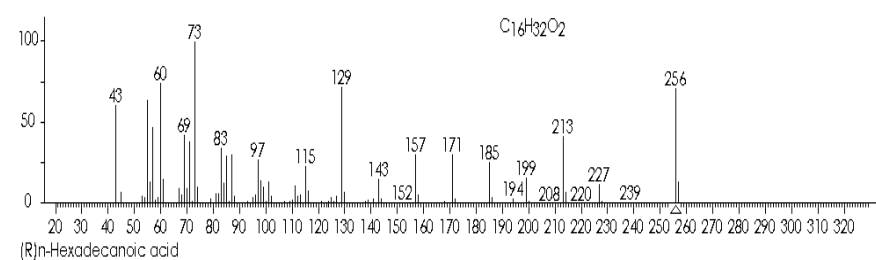
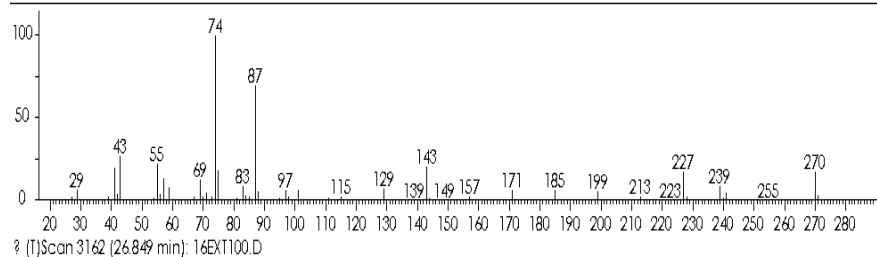
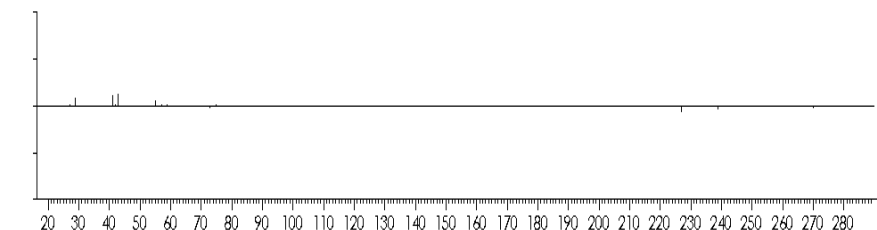
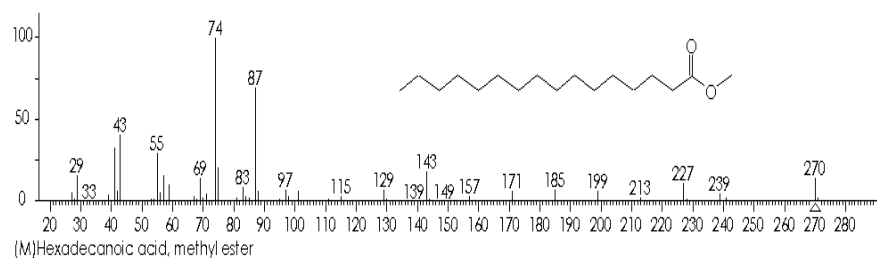
Table 2S . Results of the identification of the compounds by gas chromatography-mass spectrometry.**Fraction 9 (F9)**

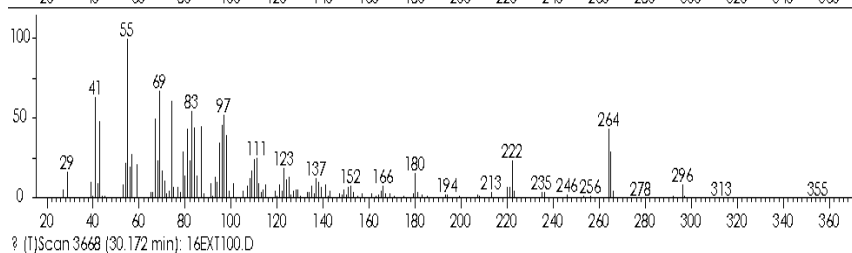
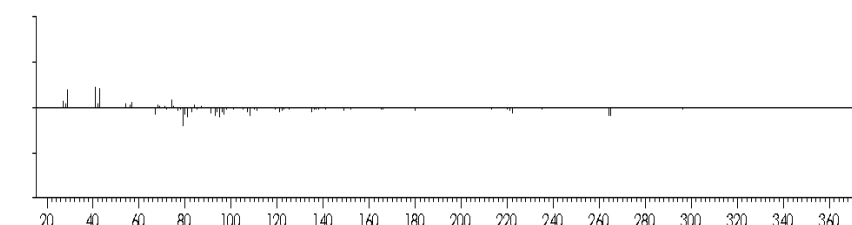
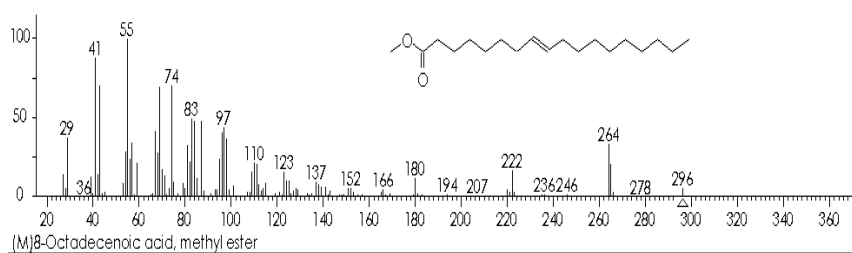
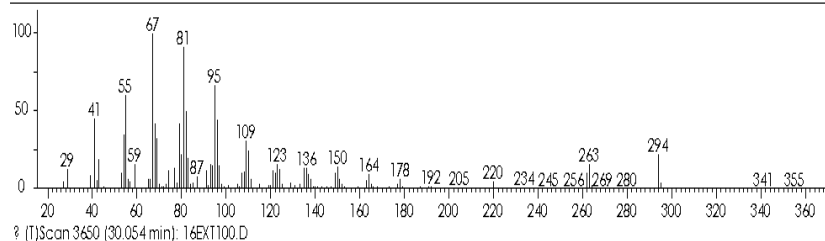
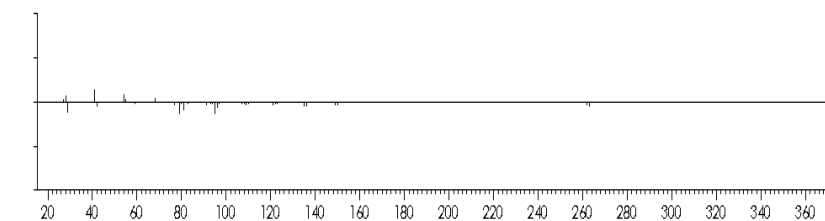
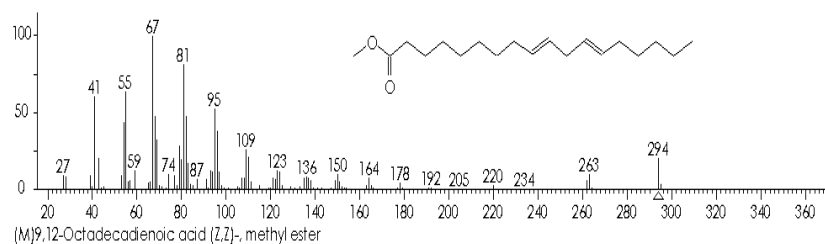
Acq On: 18 Aug 2016 17:08 Sample: F9 Spitless 70°C-1min, 5°C/min-250°C-1min,10°C/min-285°C-20min

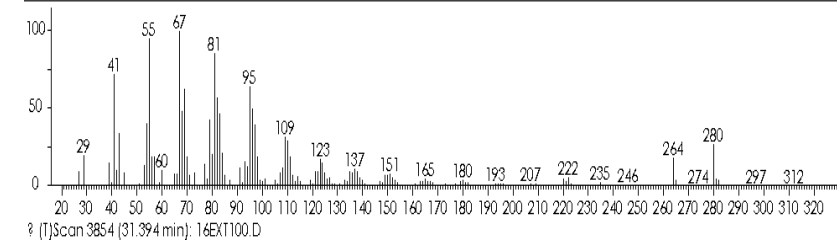
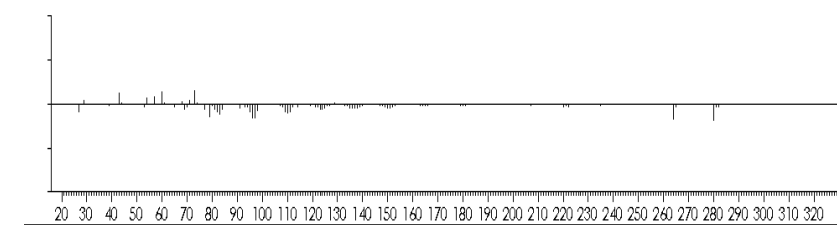
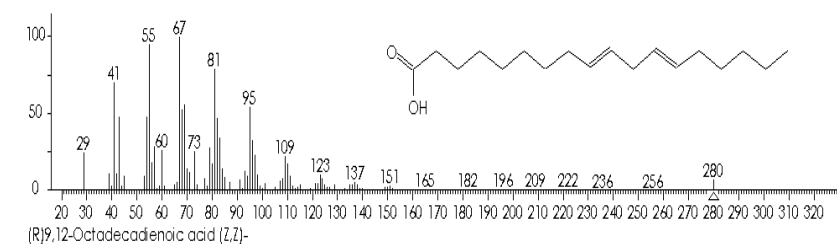
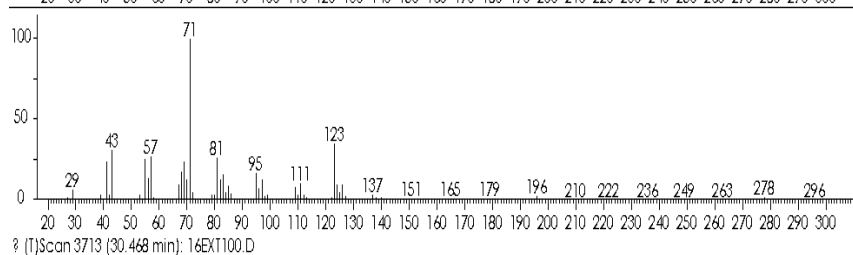
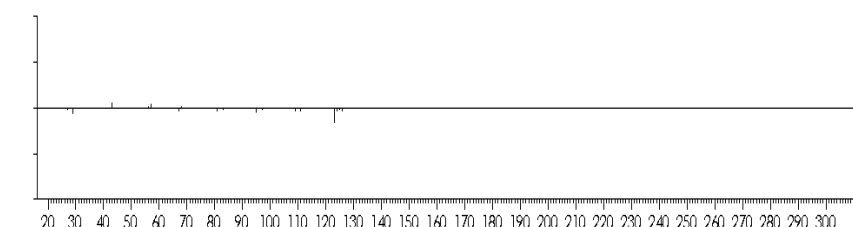
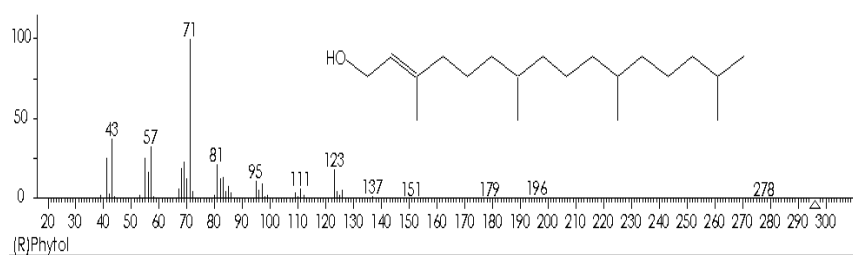
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of Total	Compound
1	26.849	3154	3162	3173	VB	846626	20920338	1.20%	0.629%	Hexadecanoic acid, methyl ester
2	28.051	3256	3345	3451	BB	6264846	877772570	50.45%	26.411%	(R) n-Hexadecanoic acid
3	30.054	3636	3650	3658	BV	1082233	26593202	1.53%	0.800%	(M) 9,12-Octadecadienoic acid (Z,Z)-methyl ester
4	30.166	3658	3667	3680	PB 2	1009442	27254592	1.57%	0.820%	(M) 8-Octadecenoic acid, methylester
5	30.474	3691	3714	3724	M	9151386	413919542	23.79%	12.454%	(R) Phytol
6	31.387	3757	3853	3935	M	8349820	1739770393	100.00%	52.347%	(R) 9,12-Octadecadienoic acid (Z,Z)
7	47.047	6218	6237	6245	M4	1226908	61532671	3.54%	1.851%	(M) 1,30-Triacontanediol
8	48.597	6449	6473	6498	BB4	546881	31432522	1.81%	0.946%	(R) τ -Sitosterol
9	49.018	6514	6537	6551	BV3	560998	29554610	1.70%	0.889%	(M) Cycloartenol
10	49.241	6551	6571	6600	VB7	623394	39758319	2.29%	1.196%	(M) Pollinastanol
16	50.259	6701	6726	6760	BB4	889718	55041731	3.16%	1.656%	(M) 9,19-Cyclolanost-24-en-3-ol, (3 β) -

Sum of corrected areas: 3323550491





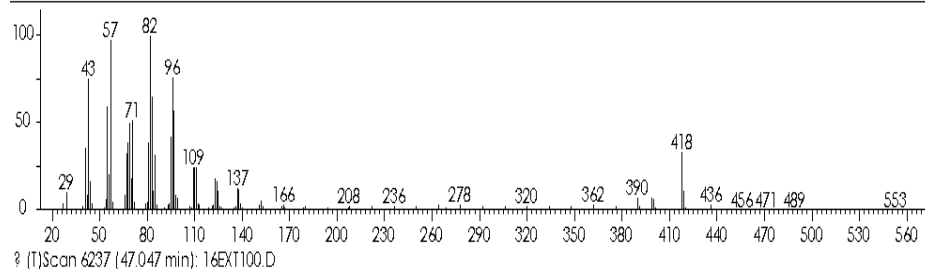
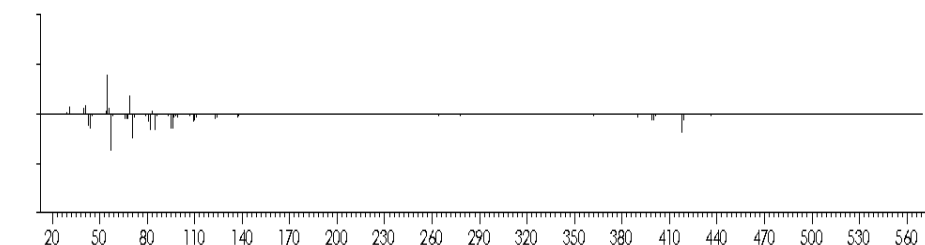
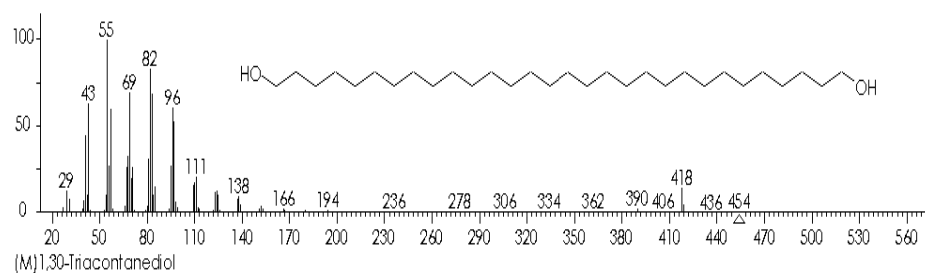




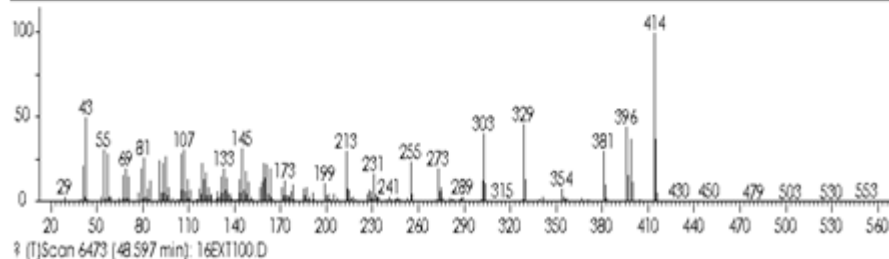
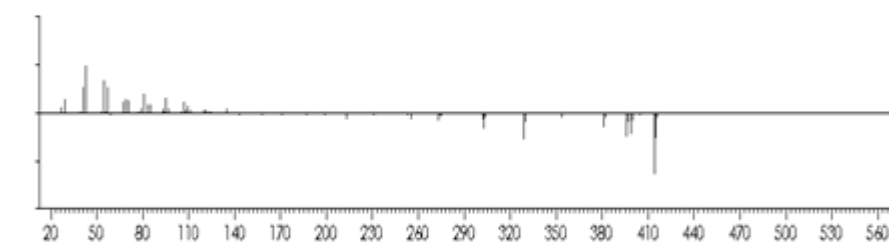
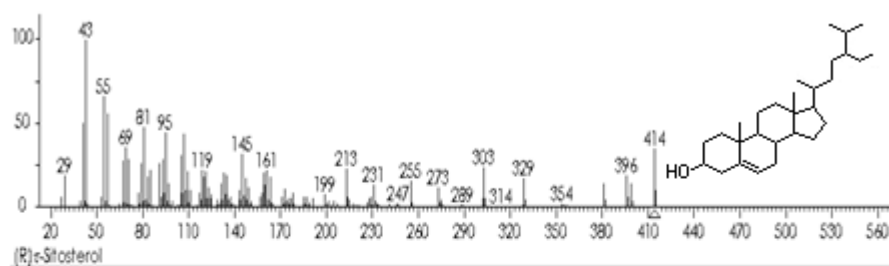
62

63

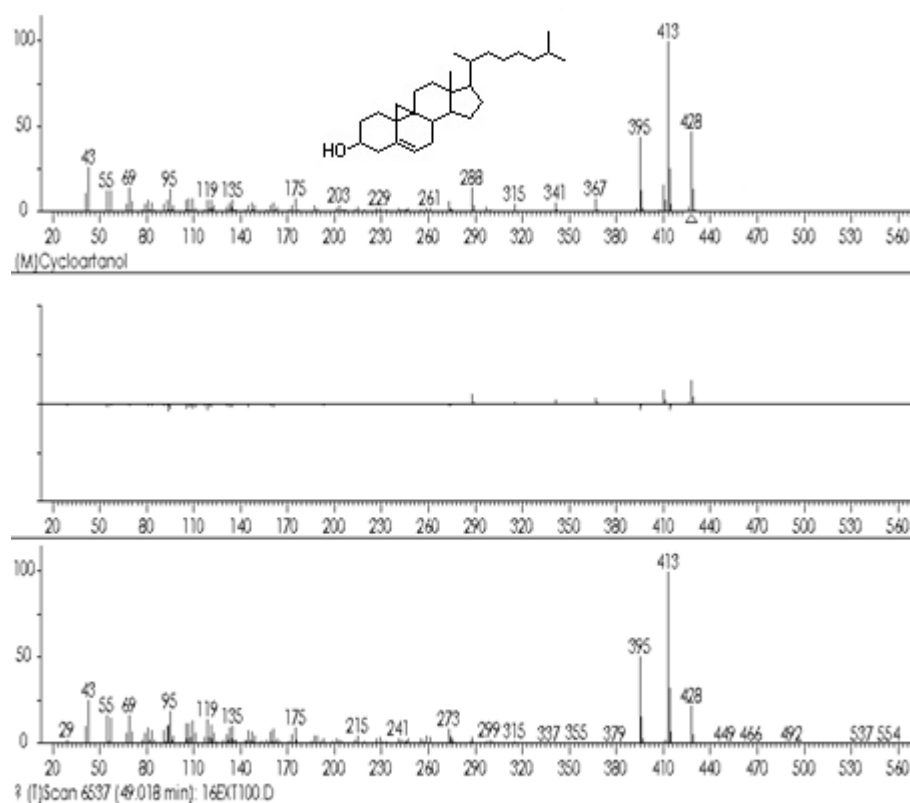
64



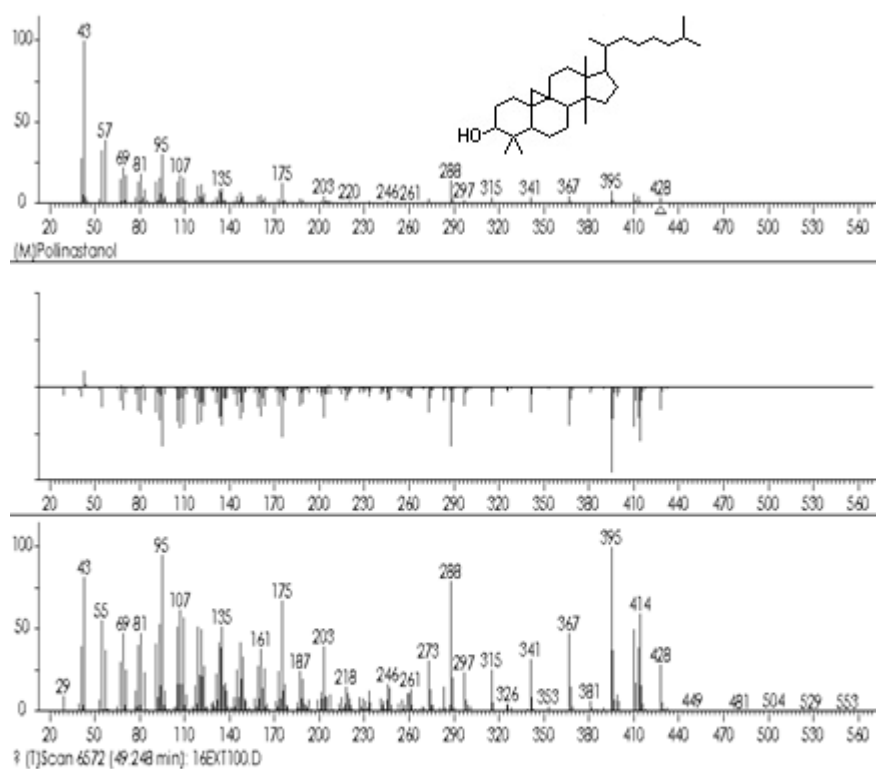
65



66

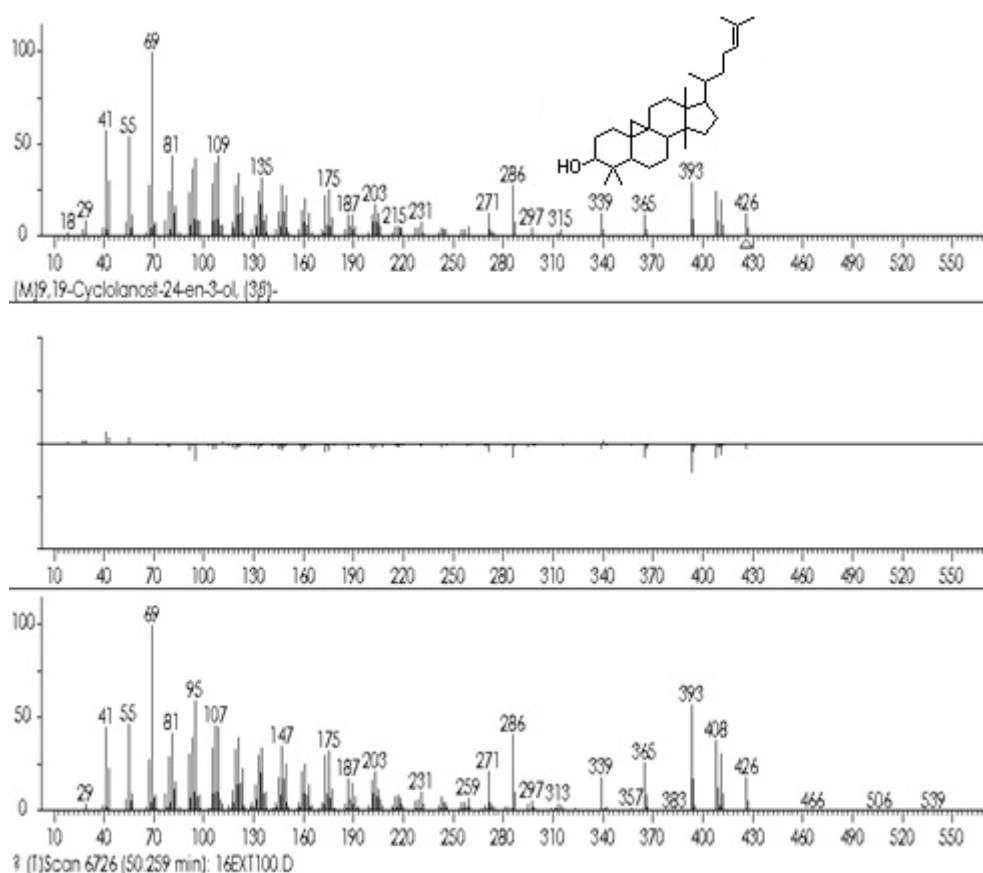


67



68

69



70

71

72

73 **Table 3S . Results of the identification of the compounds by gas chromatography-mass spectrometry.**74 **Fraction 53 (F53)**

75

76 Acq On: 18 Aug 2016 18:19 Sample: F53 Spitless 70°C-1min: 5°C/min-250°C-1min,10°C/min-285°C-20min

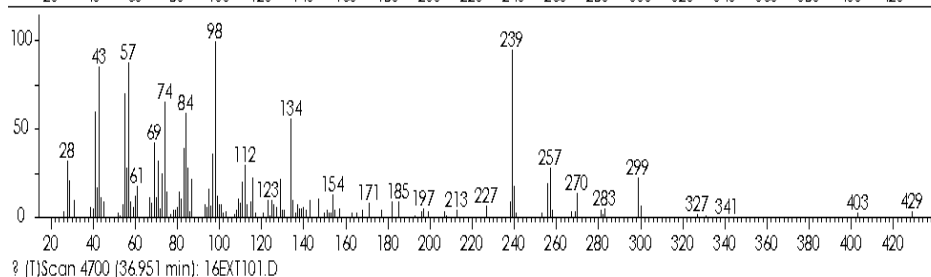
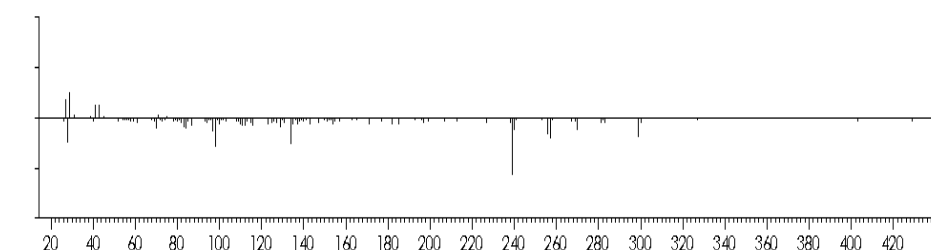
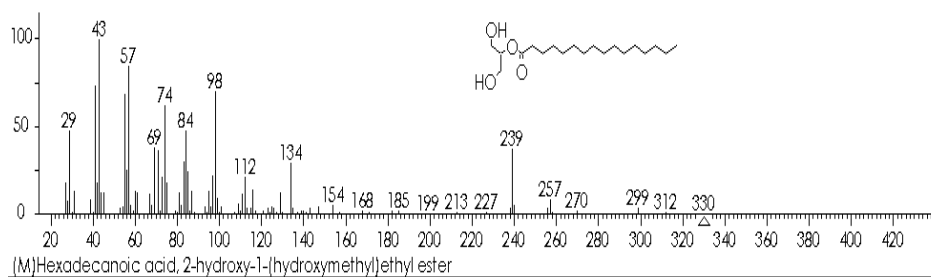
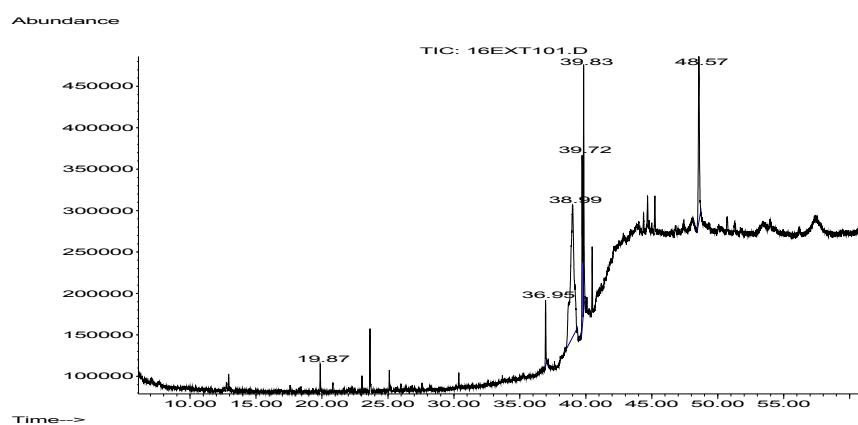
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total	Compound
1	19.866	2092	2099	2106	M	33135	788193	2.47%	1.242%	
2	36.951	4691	4700	4712	M4	79593	2202292	6.91%	3.471%	(M)Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl) ethyl ester
3	38.987	4939	5010	5056	M4	160184	31862773	100.00%	50.216%	(M) Isopropyl linoleate
4	39.716	5112	5121	5132	M3	211331	7649320	24.01%	12.055%	(M)9,12-Octadecadienoic acid (Z,Z)-,2,3-dihydroxypropyl ester
5	39.835	5133	5139	5153	M3	297546	9500776	29.82%	14.973%	(M)Nonanoic acid, 9-(3-hexenylidenecyclopropylidene)-,2-hydroxy-1-(hydroxymethyl) ethyl ester, (Z,Z,Z)-(R) Sitosterol
6	48.564	6446	6468	6489	M5	200279	11448004	35.93%	18.042%	

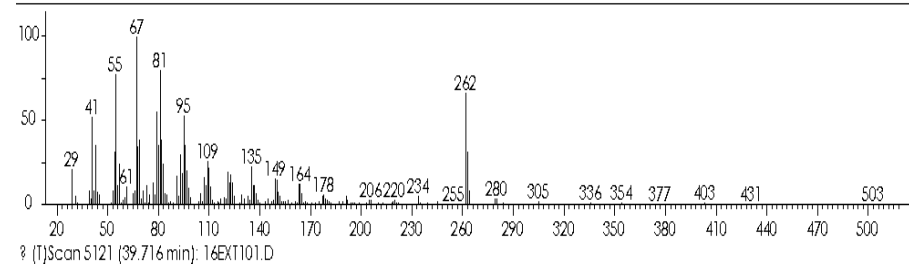
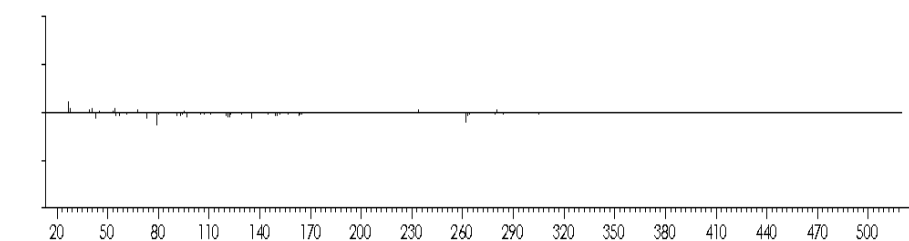
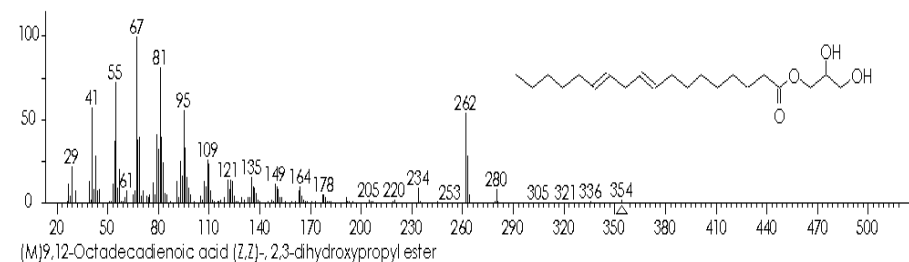
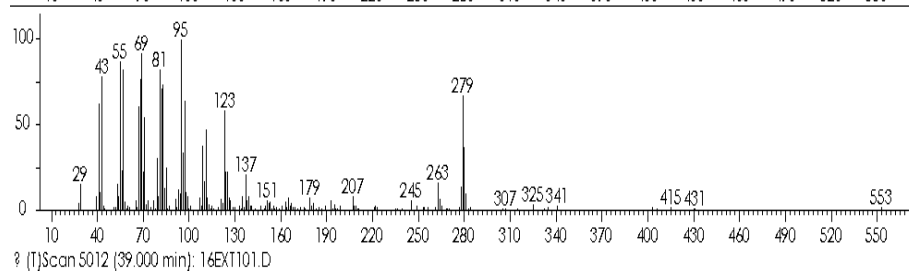
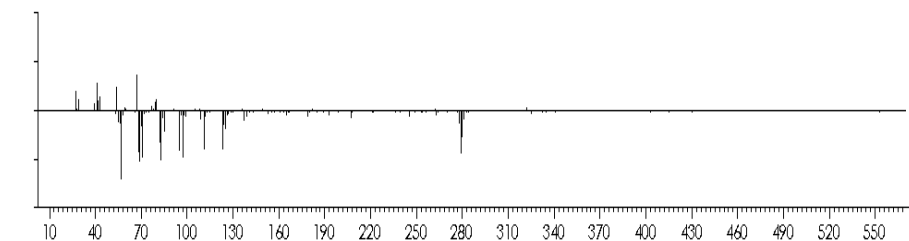
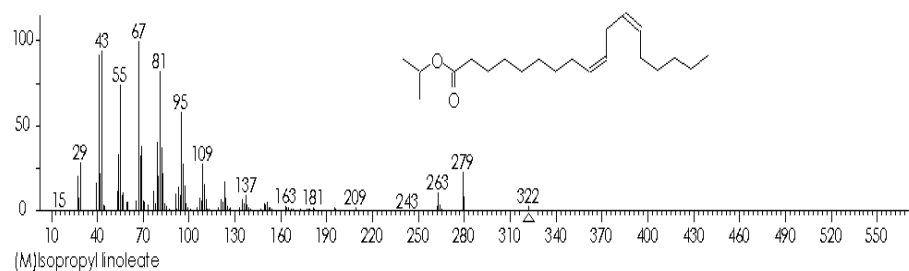
77

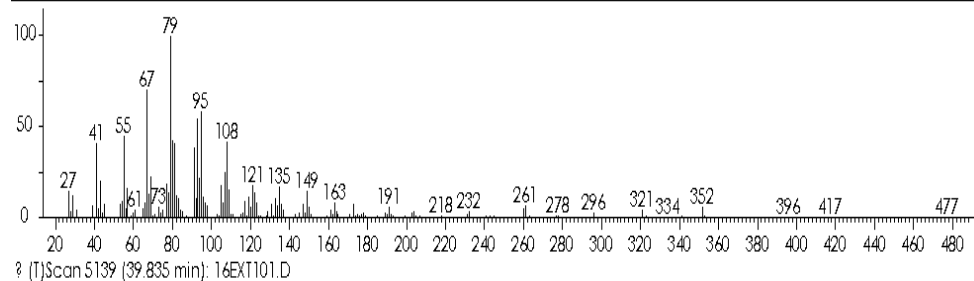
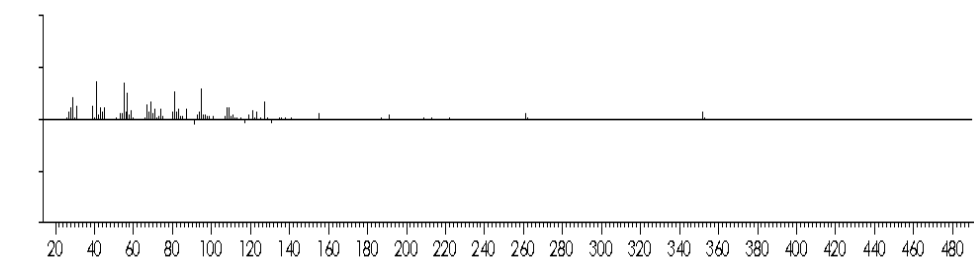
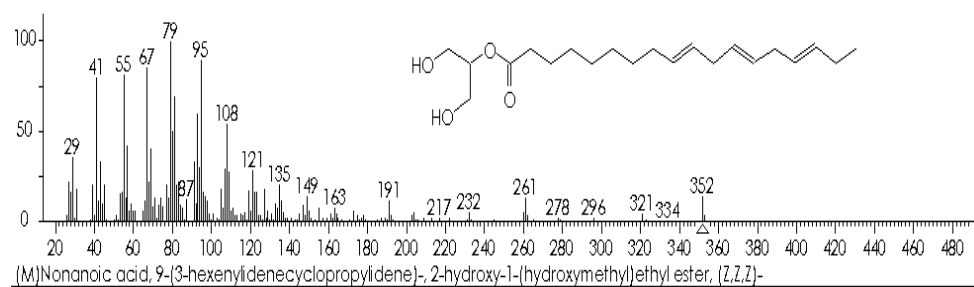
78 Sum of corrected areas: 63451358

79

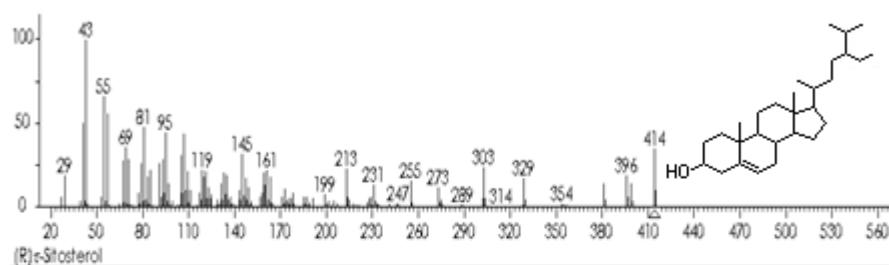
80



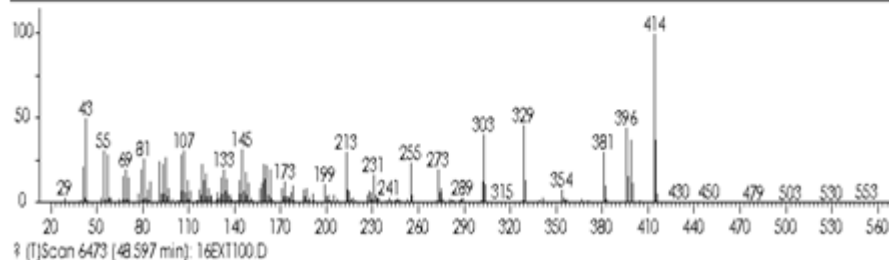
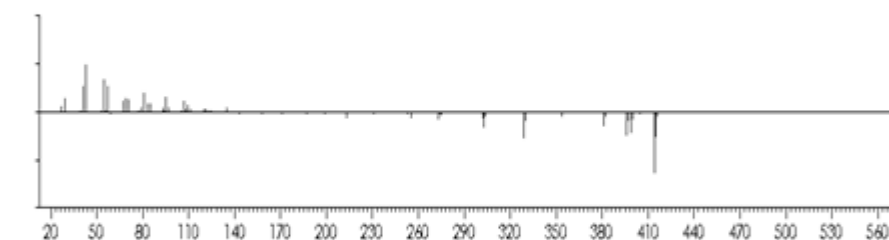




?(T)Scan 5139 (39.835 min): 16EXT101.D



(R)-Stosterol

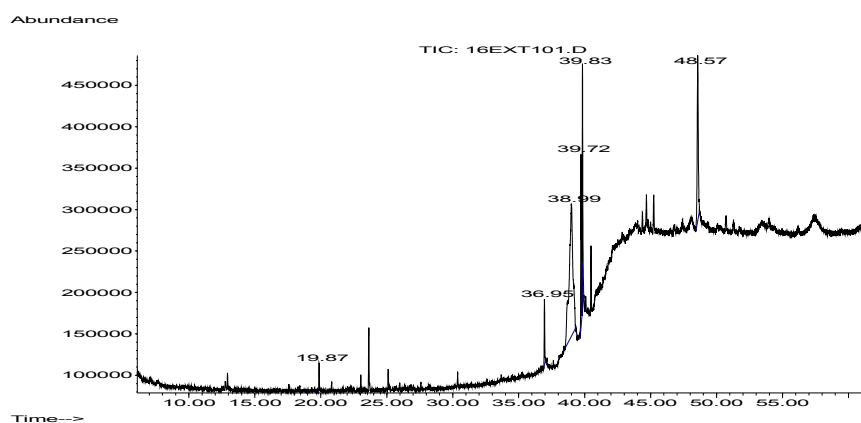


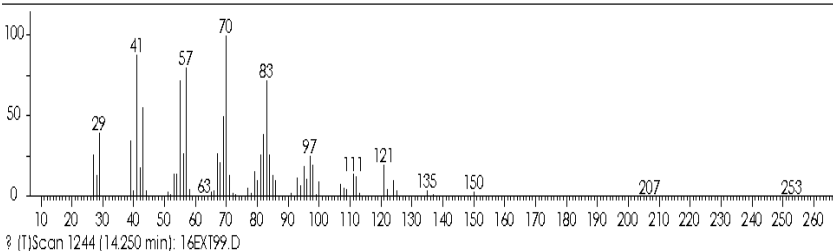
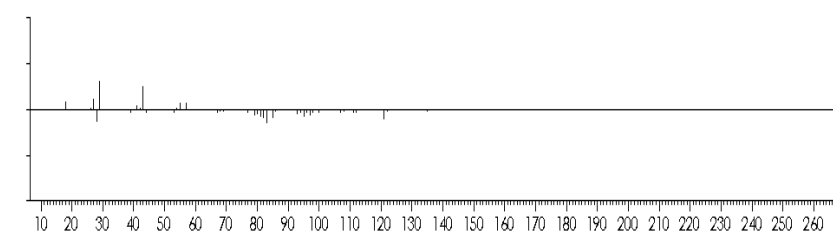
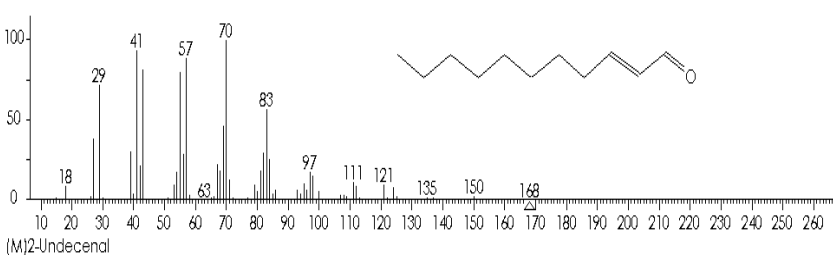
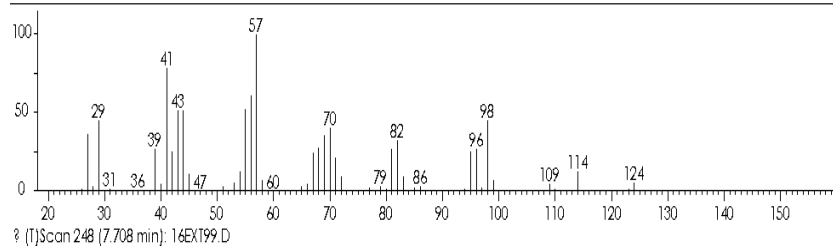
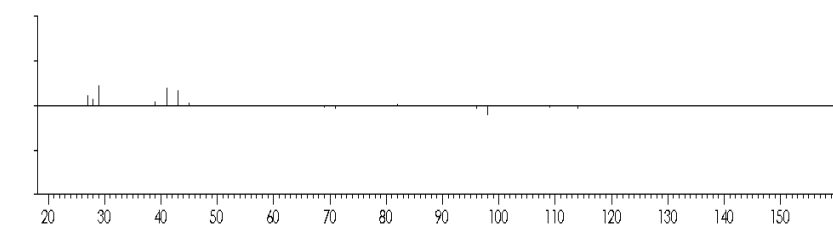
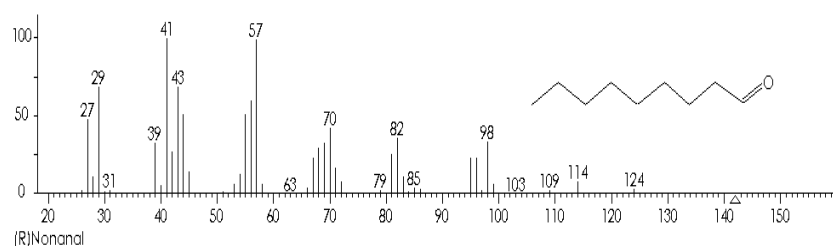
?(T)Scan 6473 (48.597 min): 16EXT100.D

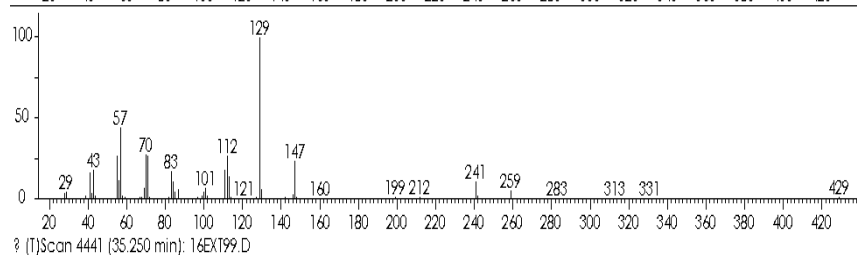
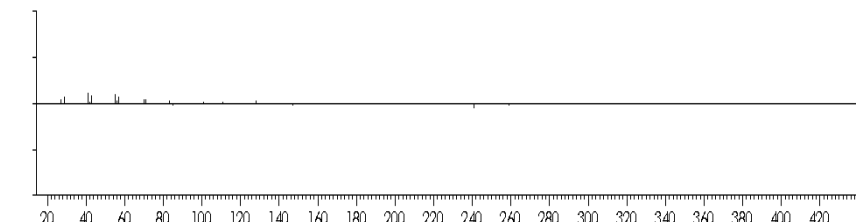
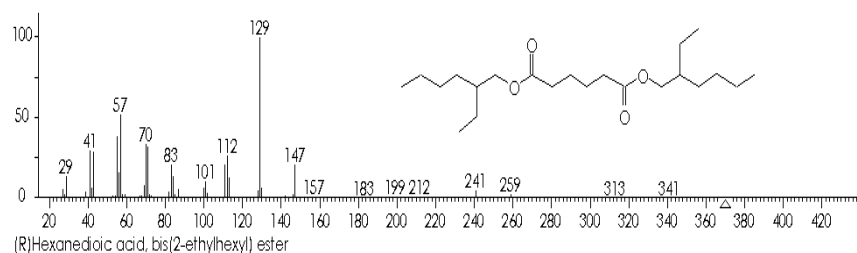
Table 4S . Results of the identification of the compounds by gas chromatography-mass spectrometry.**Fraction 57 (F57)**

Acq On: 18 Aug 2016 15:57 Sample: 57 Spitless 70°C-1min, 5°C/min-250°C-1min,10°C/min-285°C-20min

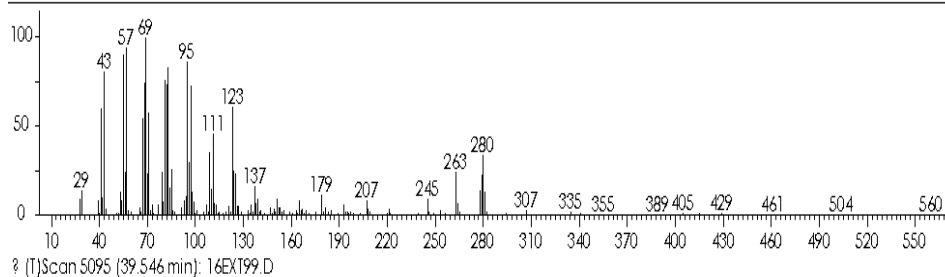
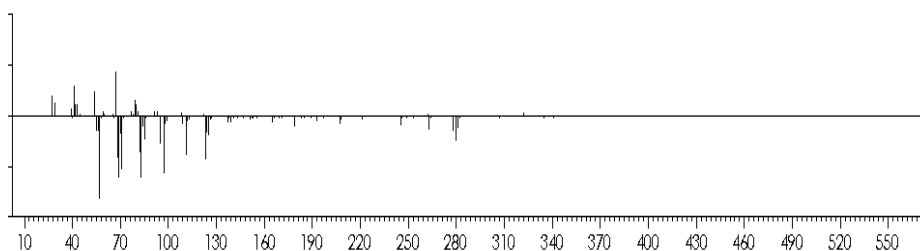
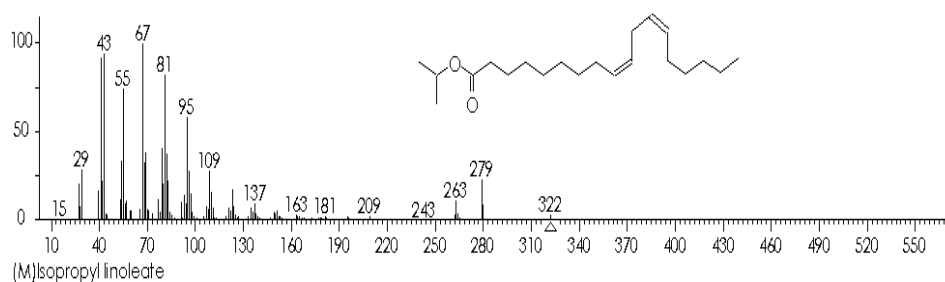
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total	Compound
1	7.708	240	248	269	M3	78775	2827602	2.59%	1.774%	(R)Nonal
2	11.642	832	847	866	M2	350935	10032642	9.20%	6.295%	(M)2-Decenal, (E)-
3	14.243	1235	1243	1254	M2	177024	4294856	3.94%	2.695%	(M)2-Undecenal
4	35.250	4433	4441	4450	M2	82199	2197886	2.02%	1.379%	(R)Hexanedioic acid, bis(2-ethylhexyl) ester
5	39.539	4977	5094	5137	M8	417102	109049073	100.00%	68.422%	(M)Isopropyl linoleate
6	45.228	5942	5960	5980	BB2	422566	17806232	16.33%	11.172%	(M)3-(1,5-Dimethyl-hexyl)-3a,10,10,12b-tetramethyl-1,2,3,3a,4,6,8,9,10,10a,11,12,12a,12b-tetradecahydro-benzo[4,5]cyclohepta[1,2-E]inde
7	50.726	6773	6797	6820	M3	204160	13169061	12.08%	8.263%	(M)Stigmasta-3,5-dien-7-one



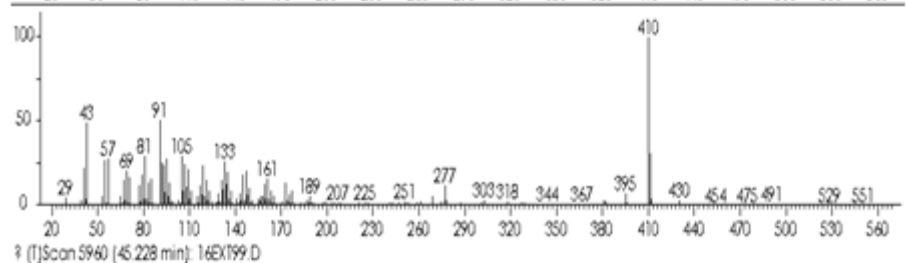
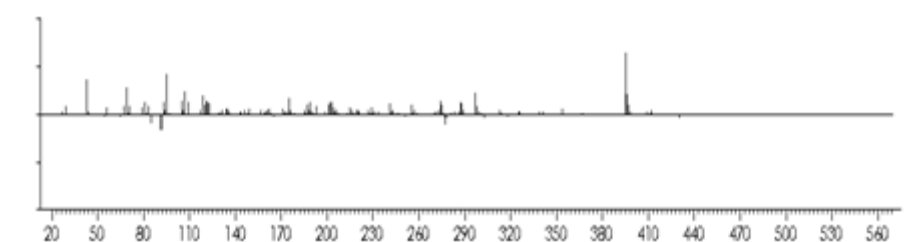
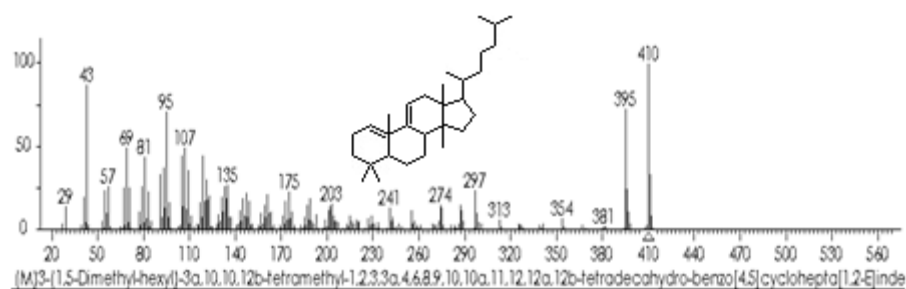




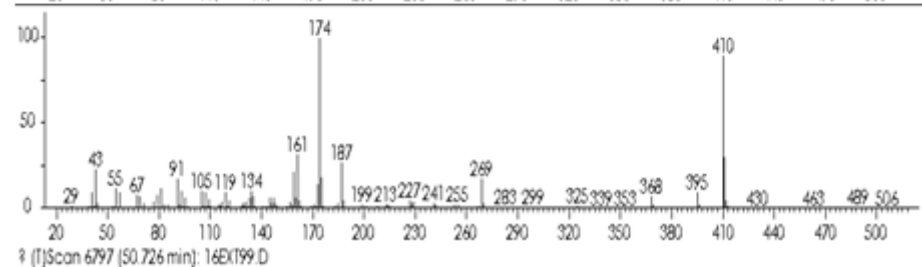
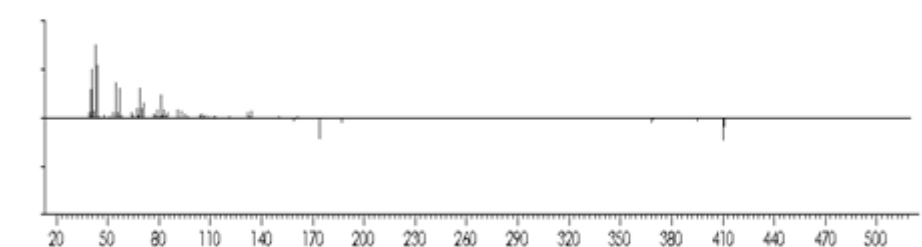
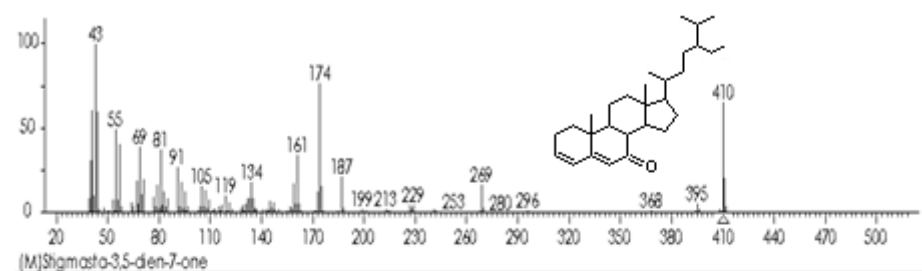
134



135



136



137

138