



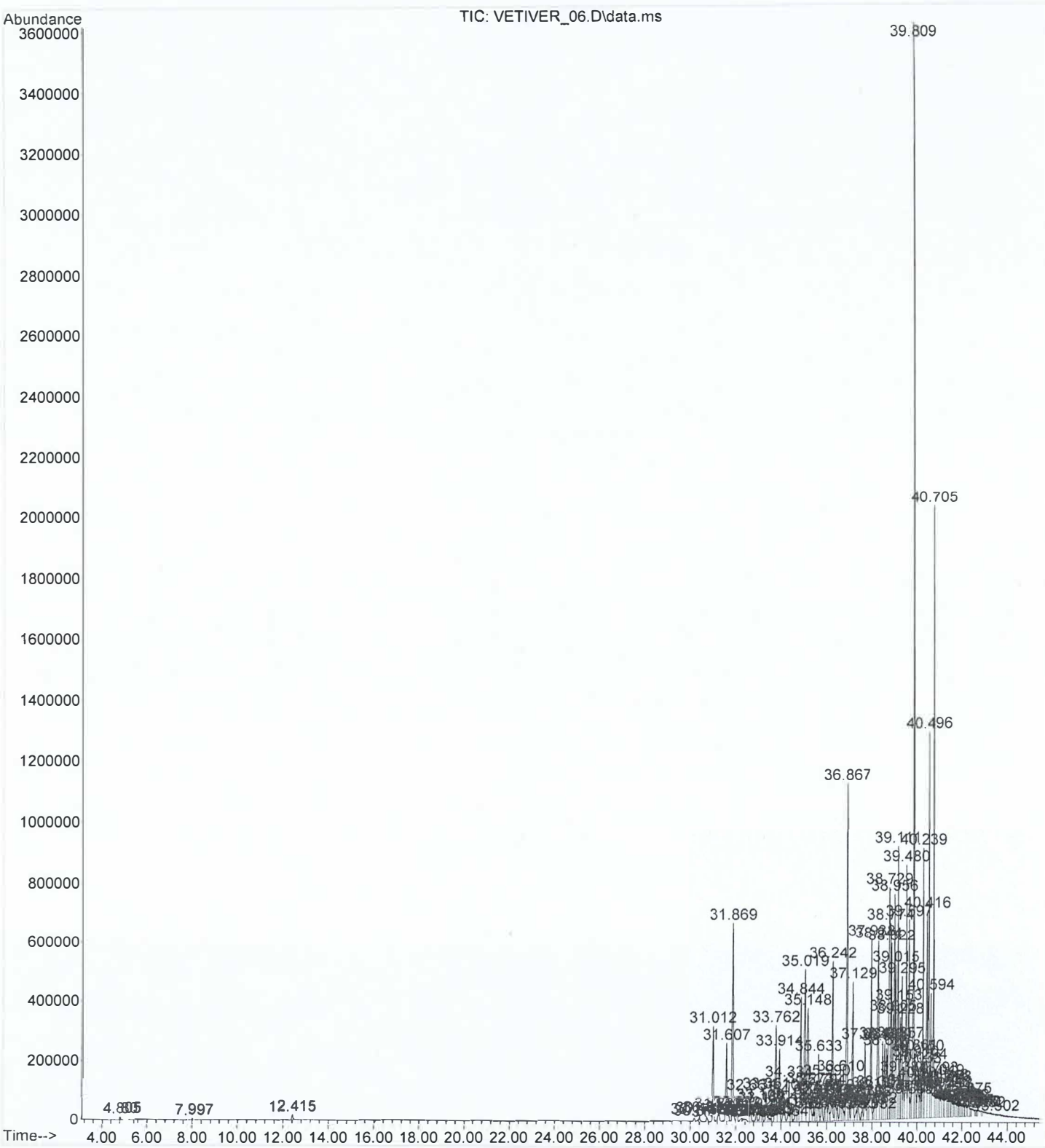
VETIVER OIL JAVA 98401-36

CHEMICAL COMPOSITION (GC-MS)

LOT NO. 13156

PEAK RT	COMPOUND	CONTENT (%)	SPECIFICATION
36.87	BETA VETIVENENE	3.91	4.0 -9.0 %
39.80	KHUSIMOL	8.00	5.0 – 11.0 %
40.23	ISOVALENCENOL	1.93	0.5 – 7.0 %
40.49	BETA VETIVONE	3.66	1.5 – 4.0 %
40.70	ALPHA VETIVONE	4.24	2.0 - 4.0 %

File :C:\msdchem\1\data\2024\12-13-24\VETIVER_06.D
Operator : SS
Acquired : 13 Dec 2024 16:33 using AcqMethod METHOD_7.M
Instrument : GCMS
Sample Name: VETIVER OIL
Misc Info : Lot#13156
Vial Number: 1



Area Percent Report

Data Path : C:\msdchem\1\data\2024\12-13-24\
Data File : VETIVER_06.D
Acq On : 13 Dec 2024 16:33
Operator : SS
Sample : VETIVER OIL
Misc : Lot#13156
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: autoint1.e
Integrator: ChemStation

Method : C:\msdchem\1\methods\METHOD_7.M
Title : Eoil Qualitative

Signal : TIC: VETIVER_06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.805	293	301	319	BB 2	10726	263050	0.42%	0.033%
2	7.997	847	859	872	BB 3	5859	147356	0.23%	0.019%
3	12.415	1615	1631	1642	BB 6	16951	603830	0.96%	0.077%
4	30.176	4721	4735	4748	PV 7	11491	456590	0.72%	0.058%
5	30.314	4748	4759	4766	VV 6	6524	215712	0.34%	0.027%
6	30.404	4766	4775	4786	VV 8	15937	535284	0.85%	0.068%
7	30.730	4818	4832	4850	VV 2	18567	692567	1.10%	0.088%
8	31.012	4867	4881	4894	VV 3	317087	10819404	17.18%	1.373%
9	31.111	4894	4899	4907	VV 5	4510	133663	0.21%	0.017%
10	31.221	4907	4918	4936	VV 8	31939	1644264	2.61%	0.209%
11	31.607	4962	4985	4997	VV 4	261462	10386471	16.49%	1.318%
12	31.690	4997	5000	5013	VV 4	21108	527248	0.84%	0.067%
13	31.869	5013	5031	5052	PV	664822	22134064	35.14%	2.809%
14	32.052	5052	5063	5077	VV 2	36387	1212716	1.93%	0.154%
15	32.231	5077	5094	5102	VV 2	11720	565821	0.90%	0.072%
16	32.314	5102	5109	5114	VV 6	9939	292317	0.46%	0.037%
17	32.374	5114	5119	5125	VV 7	9574	275282	0.44%	0.035%
18	32.449	5125	5132	5156	VV 7	9329	417497	0.66%	0.053%
19	32.661	5156	5170	5184	VV 7	93824	3349510	5.32%	0.425%
20	32.756	5184	5186	5194	VV 7	4715	148893	0.24%	0.019%
21	32.921	5199	5215	5225	VV 6	32890	1293258	2.05%	0.164%
22	33.037	5225	5235	5237	VV 9	8582	250248	0.40%	0.032%
23	33.100	5237	5246	5253	VV 5	60805	2114192	3.36%	0.268%
24	33.168	5253	5258	5273	VV 8	52891	1821008	2.89%	0.231%
25	33.351	5273	5290	5299	VV 2	98550	3108511	4.93%	0.394%
26	33.436	5299	5305	5312	VV 7	19620	645488	1.02%	0.082%
27	33.503	5312	5317	5322	VV 6	12624	341891	0.54%	0.043%
28	33.565	5322	5327	5339	VV 8	13485	365975	0.58%	0.046%
29	33.762	5339	5362	5374	PV 5	319487	11785524	18.71%	1.496%
30	33.914	5374	5388	5407	VV 6	241191	9482783	15.05%	1.203%
31	34.105	5407	5422	5444	VV 10	96020	5048024	8.01%	0.641%
32	34.334	5444	5462	5472	VV 3	137529	4613938	7.32%	0.585%
33	34.444	5472	5481	5492	VV 3	55951	1941956	3.08%	0.246%
34	34.541	5492	5498	5501	VV 6	6727	170002	0.27%	0.022%
35	34.627	5501	5513	5521	VV 4	77441	2574941	4.09%	0.327%
36	34.695	5521	5525	5529	VV 7	32300	887501	1.41%	0.113%
37	34.739	5529	5533	5540	VV 10	31444	1020061	1.62%	0.129%
38	34.844	5540	5551	5562	VV 2	410752	12785914	20.30%	1.622%
39	35.019	5562	5582	5593	VV 5	504348	20064081	31.85%	2.546%
40	35.148	5593	5604	5619	VV 7	373572	16462948	26.13%	2.089%

41	35.273	5619	5626	5641	VV 8	114009	4508763	7.16%	0.572%
42	35.428	5641	5653	5660	VV 9	39884	1883036	2.99%	0.239%
43	35.514	5660	5668	5671	VV 5	86357	2399150	3.81%	0.304%
44	35.556	5671	5675	5681	VV 3	85970	2375938	3.77%	0.301%
45	35.633	5681	5689	5699	VV 3	223140	6752394	10.72%	0.857%
46	35.794	5706	5717	5730	VV 4	109447	3748161	5.95%	0.476%
47	35.927	5730	5740	5744	VV 7	47367	1175466	1.87%	0.149%
48	35.990	5744	5751	5759	VV 4	139674	4266833	6.77%	0.541%
49	36.077	5759	5766	5774	VV 7	75133	2448034	3.89%	0.311%
50	36.143	5774	5778	5781	VV 5	27377	559122	0.89%	0.071%
51	36.242	5781	5795	5811	VV 2	529263	15976679	25.36%	2.027%
52	36.389	5811	5821	5831	VV 2	62403	2576977	4.09%	0.327%
53	36.472	5831	5836	5845	VV 8	47133	1466264	2.33%	0.186%
54	36.610	5845	5860	5866	VV	154380	4896321	7.77%	0.621%
55	36.668	5866	5870	5876	VV 7	72269	2027555	3.22%	0.257%
56	36.720	5876	5879	5884	VV 6	38107	939549	1.49%	0.119%
57	36.774	5884	5888	5893	VV 8	31609	808378	1.28%	0.103%
58	36.867	5893	5905	5914	VV	1110552	30775410	48.85%	3.905%
59	36.942	5914	5918	5923	VV 4	89134	2271736	3.61%	0.288%
60	36.994	5923	5927	5935	VV 4	51394	1341765	2.13%	0.170%
61	37.129	5935	5950	5967	VV 4	458910	16102110	25.56%	2.043%
62	37.311	5967	5982	5987	VV 4	36724	1556416	2.47%	0.198%
63	37.378	5987	5994	6011	VV 5	63735	2418076	3.84%	0.307%
64	37.531	6011	6021	6023	PV 3	27163	586759	0.93%	0.074%
65	37.570	6023	6027	6035	VV 7	40186	1154044	1.83%	0.146%
66	37.671	6035	6045	6059	VV 2	260306	8080987	12.83%	1.025%
67	37.786	6059	6065	6069	VV 6	65754	1738483	2.76%	0.221%
68	37.832	6069	6073	6077	VV 6	68665	1717605	2.73%	0.218%
69	37.938	6077	6092	6105	VV 3	604624	16864561	26.77%	2.140%
70	38.032	6105	6108	6110	VV 4	25509	394456	0.63%	0.050%
71	38.082	6110	6117	6119	VV 7	44043	1025423	1.63%	0.130%
72	38.137	6119	6126	6135	VV 8	93834	4057050	6.44%	0.515%
73	38.244	6135	6145	6159	VV 4	595845	22567279	35.82%	2.864%
74	38.351	6159	6164	6175	VV 4	99110	4159820	6.60%	0.528%
75	38.451	6175	6181	6188	VV 3	257346	5809077	9.22%	0.737%
76	38.541	6188	6197	6204	VV 4	249897	7603966	12.07%	0.965%
77	38.629	6204	6213	6217	VV 4	234437	7299507	11.59%	0.926%
78	38.689	6217	6223	6224	VV 3	257255	4712875	7.48%	0.598%
79	38.729	6224	6230	6236	VV 6	779543	22532321	35.77%	2.859%
80	38.774	6236	6238	6243	VV 2	656844	12526462	19.88%	1.590%
81	38.822	6243	6246	6253	VV 2	583333	11968916	19.00%	1.519%
82	38.905	6253	6261	6264	VV 3	346853	8461276	13.43%	1.074%
83	38.956	6264	6270	6276	VV 2	747745	18791332	29.83%	2.385%
84	39.015	6276	6280	6286	VV 3	515934	11595608	18.41%	1.471%
85	39.111	6286	6297	6301	VV	911802	23158983	36.76%	2.939%
86	39.153	6301	6304	6312	VV 3	379492	8321949	13.21%	1.056%
87	39.228	6312	6317	6320	VV	332493	6240803	9.91%	0.792%
88	39.257	6320	6322	6325	VV	257895	3713672	5.90%	0.471%
89	39.295	6325	6329	6338	VV 3	473854	12615019	20.03%	1.601%
90	39.384	6338	6344	6351	VV 8	143527	4403872	6.99%	0.559%
91	39.480	6351	6361	6373	VV 2	830995	19604672	31.12%	2.488%
92	39.597	6373	6382	6391	VV	655591	14976709	23.77%	1.900%
93	39.665	6391	6394	6399	VV 7	69323	1583336	2.51%	0.201%
94	39.723	6399	6404	6406	VV 3	100478	2089416	3.32%	0.265%
95	39.809	6406	6419	6425	VV	3550789	62994803	100.00%	7.994%
96	39.861	6425	6428	6433	VV 3	216095	4492710	7.13%	0.570%

97	39.910	6433	6436	6443	VV 4	192335	4895738	7.77%	0.621%
98	39.961	6443	6445	6449	VV 3	78149	1362688	2.16%	0.173%
99	40.033	6449	6458	6465	VV 5	173117	5517417	8.76%	0.700%
00	40.096	6465	6469	6474	VV 2	78783	2264923	3.60%	0.287%
01	40.150	6474	6478	6482	VV	210066	3669387	5.82%	0.466%
02	40.181	6482	6484	6488	VV 2	121954	1897244	3.01%	0.241%
03	40.239	6488	6494	6500	VV	912378	15178507	24.09%	1.926%
04	40.294	6500	6503	6508	VV 2	180953	3556426	5.65%	0.451%
05	40.416	6508	6525	6530	VV 3	691464	22098199	35.08%	2.804%
06	40.496	6530	6539	6551	VV	1266775	28867559	45.83%	3.663%
07	40.594	6551	6556	6564	VV 2	415356	9607301	15.25%	1.219%
08	40.705	6564	6575	6587	VV	1957621	33391076	53.01%	4.237%
09	40.793	6587	6591	6599	VV 6	139185	4580383	7.27%	0.581%
10	40.871	6599	6604	6616	VV 6	101200	5278182	8.38%	0.670%
11	40.958	6616	6620	6628	VV 9	87270	3220090	5.11%	0.409%
12	41.049	6628	6635	6643	VV 3	128073	4408808	7.00%	0.559%
13	41.124	6643	6649	6658	VV 7	104728	4295154	6.82%	0.545%
14	41.248	6665	6670	6681	VV	111764	4054108	6.44%	0.514%
15	41.348	6681	6688	6690	VV 5	87813	2209943	3.51%	0.280%
16	41.378	6690	6693	6699	VV 5	107171	2577567	4.09%	0.327%
17	41.438	6699	6703	6711	VV 6	83134	2611601	4.15%	0.331%
18	41.556	6717	6724	6733	VV 6	55357	2689024	4.27%	0.341%
19	41.676	6741	6745	6756	VV 6	48506	2147681	3.41%	0.273%
20	41.759	6756	6760	6769	VV 6	44795	1838527	2.92%	0.233%
21	41.825	6769	6771	6772	VV 2	38641	486866	0.77%	0.062%
22	41.863	6772	6778	6779	VV 6	44440	941115	1.49%	0.119%
23	41.893	6779	6783	6789	VV 9	44548	1379126	2.19%	0.175%
24	41.942	6789	6791	6797	VV 7	41604	1061907	1.69%	0.135%
25	42.001	6797	6802	6807	VV 7	38591	1146840	1.82%	0.146%
26	42.055	6807	6811	6819	VV 9	40888	1402177	2.23%	0.178%
27	42.162	6823	6830	6837	VV 9	43956	1705405	2.71%	0.216%
28	42.275	6844	6850	6863	VV 2	64600	2319610	3.68%	0.294%
29	42.365	6863	6865	6870	VV 6	25809	580568	0.92%	0.074%
30	42.404	6870	6872	6874	VV 3	25434	356189	0.57%	0.045%
31	42.576	6900	6902	6906	VV 5	20435	358680	0.57%	0.046%
32	42.637	6911	6913	6914	VV 2	18720	186855	0.30%	0.024%
33	42.670	6914	6919	6924	VV 9	19800	556312	0.88%	0.071%
34	42.882	6950	6956	6962	VV 9	16492	567114	0.90%	0.072%
35	43.502	7061	7064	7070	PV 7	3340	66349	0.11%	0.008%

Sum of corrected areas: 788050312

METHOD_7.M Sun Apr 06 18:39:24 2025