LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
Data File : VU050955.D
Acq On : 27 Sep 2022 14:34
Operator : JC/MD
Sample : N4854-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J55

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Title : VOC Analysis

Signal : TIC: VU050955.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	95	rVB	159728	184240	12.12%	1.533%
2	1.912	169	178	192	rVB	147208	194110	12.77%	1.615%
3	2.324	303	306	311	rBV4	1543	1506	0.10%	0.013%
4	2.453	344	346	352	rVB2	463	257	0.02%	0.002%
5	2.568	369	382	394	rBV	264528	438848	28.87%	3.652%
6	2.764	438	443	446	rVV4	799	888	0.06%	0.007%
7	2.890	480	482	484	rBV3	470	281	0.02%	0.002%
8	3.044	523	530	537	rVV4	2041	3151	0.21%	0.026%
9	3.179	560	572	583	rBV3	3193	7184	0.47%	0.060%
10	3.411	642	644	649	rVB2	394	250	0.02%	0.002%
11	3.443	649	654	656	rBV3	533	464	0.03%	0.004%
12	3.533	678	682	686	rBV	375	322	0.02%	0.003%
13	3.668	720	724	728	rBV3	466	513	0.03%	0.004%
14	3.896	790	795	800	rBV	477	422	0.03%	0.004%
15	4.028	832	836	839	rBV2	350	301	0.02%	0.003%
16	4.211	888	893	898	rVB2	263	284	0.02%	0.002%
17	4.243	898	903	908	rVB	312	282	0.02%	0.002%
18	4.382	935	946	951	rVB2	501	664	0.04%	0.006%
19	4.420	951	958	960	rBV3	483	520	0.03%	0.004%
20	4.620	1005	1020	1061	rBV	185261	476520	31.35%	3.966%
21	4.960	1122	1126	1129	rBV3	475	453	0.03%	0.004%
22	5.063	1141	1158	1179	rBV	287559	629972	41.44%	5.243%
23	5.292	1219	1229	1233	rBV8	1317	1979	0.13%	0.016%
24	5.375	1252	1255	1257	rBV3	473	349	0.02%	0.003%
25	5.575	1310	1317	1320	rBV	399	388	0.03%	0.003%
26	5.613	1325	1329	1331	rBV2	462	283	0.02%	0.002%
27	5.726	1341	1364	1391	rBV2	551972	1520064	100.00%	12.650%
28	6.076	1470	1473	1477	rVB2	326	275	0.02%	0.002%
29	6.108	1477	1483	1484	rBV2	532	408	0.03%	0.003%
30	6.176	1500	1504	1509	rBV3	573	431	0.03%	0.004%
31	6.247	1509	1526	1549	rBV	408757	789734	51.95%	6.572%
32	6.530	1603	1614	1626	rBV	18433	35972	2.37%	0.299%
33	6.584	1628	1631	1633	rVV2	775	552	0.04%	0.005%
34	6.597	1633	1635	1640	rVB3	367	257	0.02%	0.002%
35	6.690	1649	1664	1685	rBV	374861	728037	47.90%	6.059%
36	6.838	1708	1710	1716	rVB4	838	712	0.05%	0.006%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Title : VOC Analysis

37	6.867	1716	1719	1723	rVB4	717	516	0.03%	0.004%
38	6.890	1723	1726	1728	rBV	459	260	0.02%	0.002%
39	6.954	1743	1746	1750	rVB2	443	290	0.02%	0.002%
40	7.034	1767	1771	1772	rBV2	409	257	0.02%	0.002%
41	7.189	1811	1819	1827	rVV6	1930	2940	0.19%	0.024%
42	7.256	1836	1840	1846	rBV2	254	267	0.02%	0.002%
43	7.369	1866	1875	1878	rBV3	341	482	0.03%	0.004%
44	7.443	1894	1898	1902	rVB2	280	248	0.02%	0.002%
45	7.565	1924	1936	1952	rBV	183469	320264	21.07%	2.665%
46	7.803	2000	2010	2019	rVB6	1303	2121	0.14%	0.018%
47	7.896	2025	2039	2055	rBV	624942	1077149	70.86%	8.964%
48	8.063	2089	2091	2099	rVV2	415	429	0.03%	0.004%
49	8.179	2114	2127	2142	rBV	132793	224985	14.80%	1.872%
50	8.468	2210	2217	2231	rVB3	3188	4970	0.33%	0.041%
51	8.552	2231	2243	2256	rBV	133240	225667	14.85%	1.878%
52	8.632	2256	2268	2305	rBV2	474445	1000392	65.81%	8.325%
53	8.835	2328	2331	2335	rVB5	651	427	0.03%	0.004%
54	8.880	2342	2345	2349	rVB6	598	301	0.02%	0.003%
55	9.063	2399	2402	2406	rBV	400	390	0.03%	0.003%
56	9.201	2439	2445	2447	rBV3	380	337	0.02%	0.003%
57	9.275	2465	2468	2471	rBV2	402	342	0.02%	0.003%
58	9.417	2499	2512	2533	rBV	628982	1035944	68.15%	8.621%
59	9.571	2558	2560	2564	rVB3	607	335	0.02%	0.003%
60	9.639	2578	2581	2584	rBV2	566	437	0.03%	0.004%
61	9.697	2594	2599	2603	rBV4	485	479	0.03%	0.004%
62	9.799	2624	2631	2635	rBV2	456	505	0.03%	0.004%
63	9.899	2656	2662	2664	rBV2	329	347	0.02%	0.003%
64	9.980	2682	2687	2689	rBV	290	247	0.02%	0.002%
65	10.073	2713	2716	2719	rVB2	415	283	0.02%	0.002%
66	10.105	2720	2726	2728	rBV4	671	685	0.05%	0.006%
67	10.295	2783	2785	2792	rVB2	537	428	0.03%	0.004%
68	10.346	2798	2801	2803	rVB2	535	293	0.02%	0.002%
69	10.674	2897	2903	2907	rVB5	1060	1092	0.07%	0.009%
70	10.754	2915	2928	2949	rBV	563179	906019	59.60%	7.540%
71	10.893	2963	2971	2978	rVB4	3939	5159	0.34%	0.043%
72	11.008	3005	3007	3009	rBV3	569	263	0.02%	0.002%
73	11.089	3026	3032	3039	rBV2	736	981	0.06%	0.008%
74	11.166	3046	3056	3063	rBV8	6270	11189	0.74%	0.093%
75	11.449	3135	3144	3156	rBV7	3225	6261	0.41%	0.052%
76	11.568	3177	3181	3186	rBV	436	463	0.03%	0.004%

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Title : VOC Analysis

77	11.610	3187	3194	3207	rVB4	4572	6485	0.43%	0.054%
78	11.664	3207	3211	3212	rBV	368	276	0.02%	0.002%
79	11.687	3215	3218	3220	rBV2	1189	896	0.06%	0.007%
80	11.713	3221	3226	3228	rBV5	3181	3131	0.21%	0.026%
81	11.745	3230	3236	3244	rVV5	17372	24855	1.64%	0.207%
82	11.809	3244	3256	3275	rVV	548496	885878	58.28%	7.372%
83	12.063	3326	3335	3348	rBV6	11219	24460	1.61%	0.204%
84	12.192	3362	3375	3398	rBV	645617	1047610	68.92%	8.718%
85	12.455	3449	3457	3466	rBV6	10298	14148	0.93%	0.118%
86	12.758	3548	3551	3553	rBV2	677	493	0.03%	0.004%
87	12.841	3566	3577	3587	rBV2	67002	104090	6.85%	0.866%
88	13.005	3626	3628	3631	rBV3	689	421	0.03%	0.004%
89	13.089	3651	3654	3657	rBV2	520	374	0.02%	0.003%
90	13.153	3670	3674	3677	rBB2	626	497	0.03%	0.004%
91	13.217	3692	3694	3697	rBV3	622	449	0.03%	0.004%
92	13.478	3773	3775	3778	rBV2	396	260	0.02%	0.002%
93	13.577	3804	3806	3814	rBV2	426	320	0.02%	0.003%
94	13.700	3842	3844	3846	rBV2	479	279	0.02%	0.002%
95	13.735	3846	3855	3866	rVV7	12941	20351	1.34%	0.169%
96	13.838	3879	3887	3897	rBV8	9544	14606	0.96%	0.122%
97	13.934	3910	3917	3922	rBV5	1418	2066	0.14%	0.017%
98	14.037	3941	3949	3956	rBV7	4119	6557	0.43%	0.055%
99	14.095	3965	3967	3977	rVB3	1179	1136	0.07%	0.009%
100	14.333	4035	4041	4043	rBV4	1590	1458	0.10%	0.012%

Sum of corrected areas: 12016413

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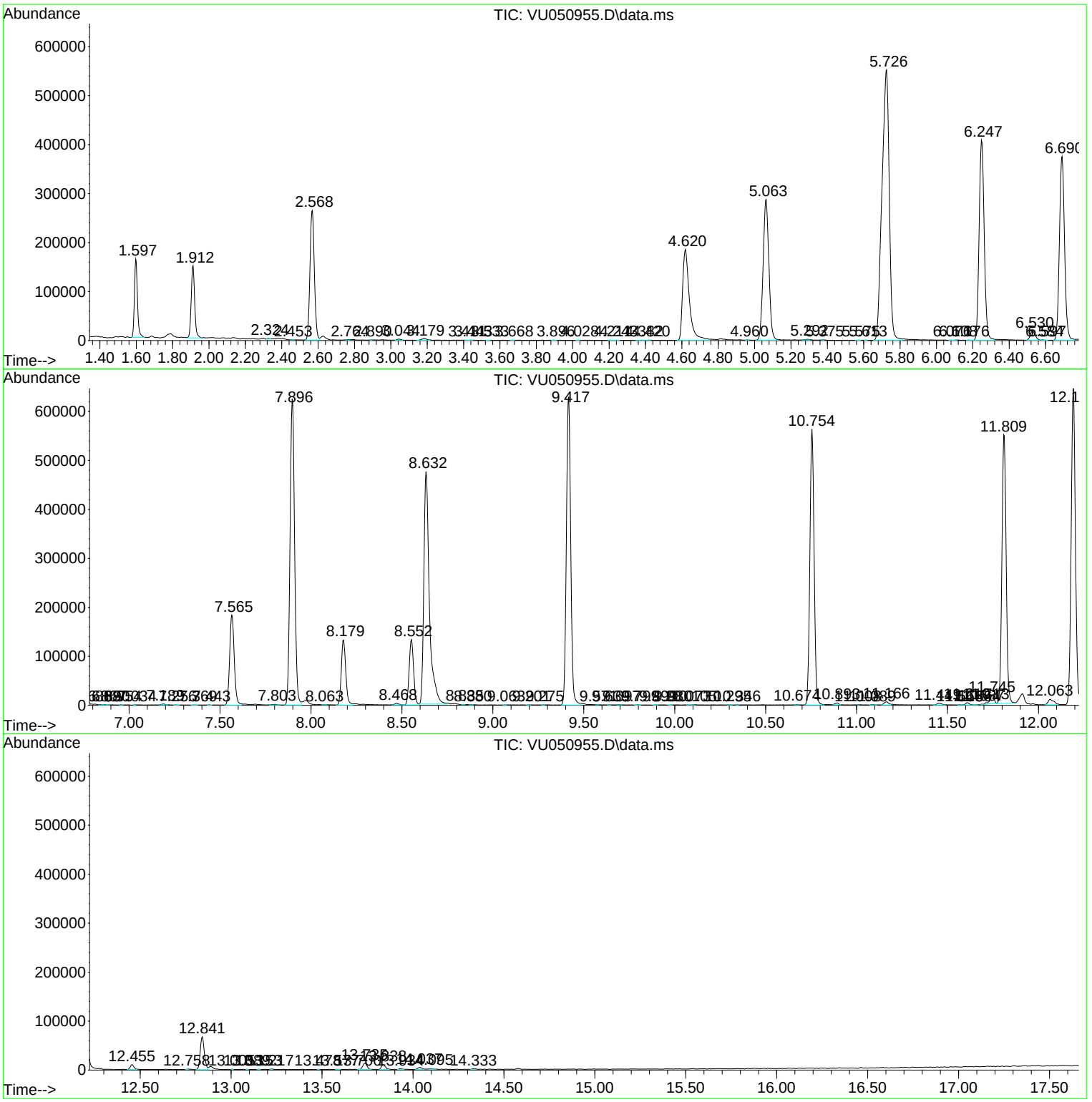
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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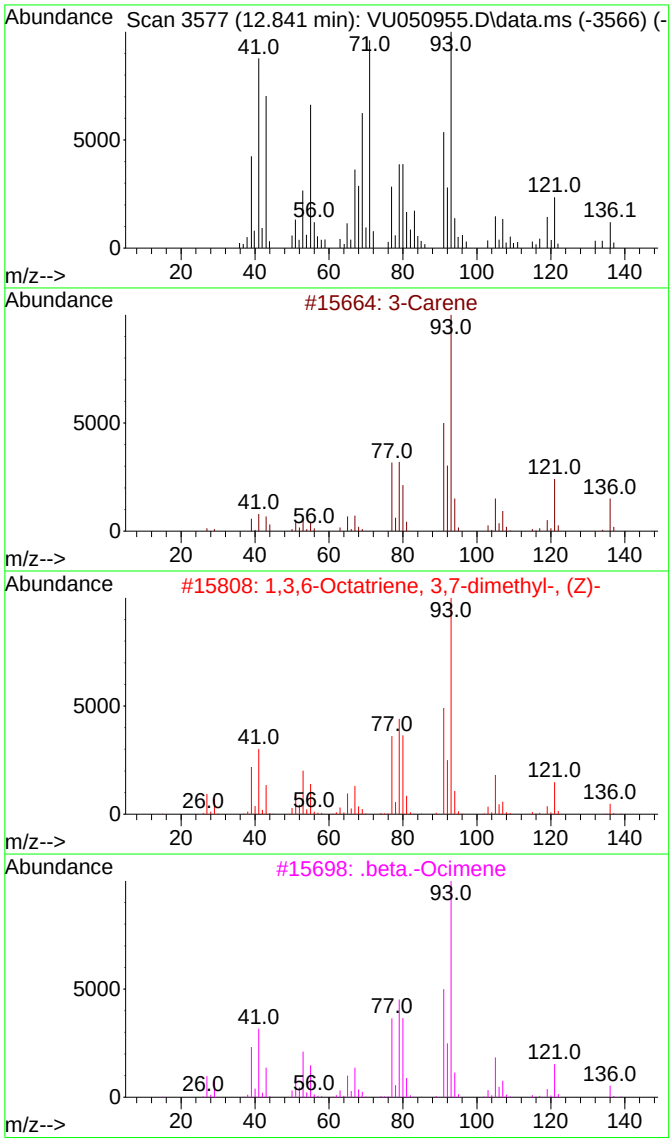
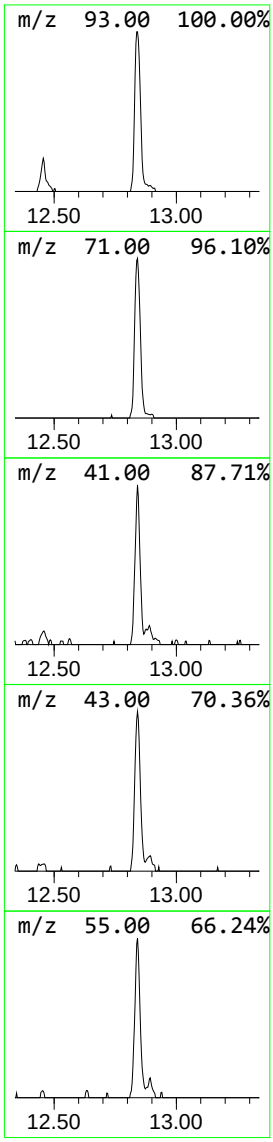
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.841	5.87 ug/L	104090	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	90
2	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	70
3	.beta.-Ocimene	136	C10H16	013877-91-3	70
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	64
5	3-Carene	136	C10H16	013466-78-9	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Carene	12.841	5.9	ug/L	104090	3	11.812	885878	50.0