LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031034.D
Acq On : 11 Apr 2019 00:09
Operator : JC/SP
Sample : K2299-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z7

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\SOMULM040519WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.180	22	28	38	rBV2	29801	31926	1.41%	0.189%
2	1.299	55	65	68	rBV6	12005	24371	1.08%	0.144%
3	1.396	88	95	105	rVB	361127	369835	16.38%	2.188%
4	1.678	175	183	200	rVB	260200	336718	14.91%	1.992%
5	2.267	356	366	379	rBV	508161	786771	34.85%	4.654%
6	2.531	446	448	452	rVB2	1128	662	0.03%	0.004%
7	2.633	478	480	486	rVB6	948	921	0.04%	0.005%
8	2.662	486	489	493	rBV4	1307	1084	0.05%	0.006%
9	2.810	530	535	538	rBV4	1383	1338	0.06%	0.008%
10	2.868	550	553	555	rVB2	975	510	0.02%	0.003%
11	3.013	594	598	600	rVB	660	491	0.02%	0.003%
12	3.100	620	625	628	rVB3	560	496	0.02%	0.003%
13	3.238	664	668	675	rBV3	624	767	0.03%	0.005%
14	3.283	675	682	685	rVB3	968	926	0.04%	0.005%
15	3.338	697	699	703	rVB2	843	460	0.02%	0.003%
16	3.453	729	735	737	rBV3	841	813	0.04%	0.005%
17	3.547	762	764	768	rVB2	755	485	0.02%	0.003%
18	3.579	768	774	776	rBV3	909	931	0.04%	0.006%
19	3.762	828	831	835	rBV3	685	694	0.03%	0.004%
20	3.913	872	878	881	rBV3	637	471	0.02%	0.003%
21	4.019	907	911	913	rBV3	887	691	0.03%	0.004%
22	4.032	913	915	918	rVV	917	516	0.02%	0.003%
23	4.167	945	957	991	rBV	214858	601736	26.65%	3.559%
24	4.473	1050	1052	1058	rVB4	891	721	0.03%	0.004%
25	4.640	1086	1104	1129	rBV	354158	867560	38.43%	5.132%
26	4.868	1172	1175	1178	rBV3	755	614	0.03%	0.004%
27	4.948	1196	1200	1203	rBV3	1383	1027	0.05%	0.006%
28	4.990	1210	1213	1215	rBV2	812	544	0.02%	0.003%
29	5.067	1233	1237	1238	rBV2	650	475	0.02%	0.003%
30	5.116	1248	1252	1253	rBV2	611	509	0.02%	0.003%
31	5.251	1290	1294	1296	rBV2	943	731	0.03%	0.004%
32	5.334	1296	1320	1353	rBV2	759690	2257747	100.00%	13.354%
33	5.788	1459	1461	1463	rBV3	1074	654	0.03%	0.004%
34	5.881	1477	1490	1523	rBV	598761	1216020	53.86%	7.193%

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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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

35	6.241	1598	1602	1606	rVB5	1574	1530	0.07%	0.009%
36	6.264	1606	1609	1612	rBV4	1474	1093	0.05%	0.006%
37	6.325	1613	1628	1659	rBV	490345	1016089	45.00%	6.010%
38	6.530	1690	1692	1696	rVB5	1046	707	0.03%	0.004%
39	6.550	1696	1698	1704	rBV3	747	800	0.04%	0.005%
40	6.614	1715	1718	1721	rBV3	815	641	0.03%	0.004%
41	6.723	1746	1752	1756	rBV5	825	1018	0.05%	0.006%
42	6.797	1771	1775	1780	rVV2	699	661	0.03%	0.004%
43	6.852	1789	1792	1797	rVB4	835	777	0.03%	0.005%
44	6.907	1797	1809	1815	rVB9	1907	3726	0.17%	0.022%
45	7.035	1847	1849	1855	rVB3	822	746	0.03%	0.004%
46	7.128	1875	1878	1882	rVB3	597	462	0.02%	0.003%
47	7.225	1895	1908	1935	rBV	262391	494797	21.92%	2.927%
48	7.395	1958	1961	1964	rBV4	1054	759	0.03%	0.004%
49	7.431	1969	1972	1977	rVB6	976	773	0.03%	0.005%
50	7.501	1991	1994	1998	rVB3	988	583	0.03%	0.003%
51	7.563	1998	2013	2031	rBV	960721	1719363	76.15%	10.170%
52	7.845	2090	2101	2122	rBV	177851	322583	14.29%	1.908%
53	8.038	2159	2161	2165	rVB3	1239	848	0.04%	0.005%
54	8.077	2169	2173	2177	rVB4	1358	956	0.04%	0.006%
55	8.116	2181	2185	2188	rBV	1367	1057	0.05%	0.006%
56	8.173	2196	2203	2218	rVB8	3107	6830	0.30%	0.040%
57	8.308	2231	2245	2276	rBV	644553	1252412	55.47%	7.408%
58	8.656	2351	2353	2356	rBV2	1086	816	0.04%	0.005%
59	8.720	2368	2373	2374	rBV3	1193	951	0.04%	0.006%
60	8.810	2398	2401	2404	rBV4	861	695	0.03%	0.004%
61	8.871	2416	2420	2424	rBV3	612	577	0.03%	0.003%
62	8.923	2431	2436	2439	rBV4	1778	1444	0.06%	0.009%
63	9.009	2458	2463	2465	rBV2	1018	740	0.03%	0.004%
64	9.087	2473	2487	2509	rBV	882330	1511638	66.95%	8.941%
65	9.315	2555	2558	2561	rVB5	1049	676	0.03%	0.004%
66	9.418	2587	2590	2593	rBV3	888	808	0.04%	0.005%
67	9.476	2607	2608	2615	rVB2	956	746	0.03%	0.004%
68	9.505	2615	2617	2619	rBV2	1005	620	0.03%	0.004%
69	9.588	2639	2643	2647	rVB4	678	611	0.03%	0.004%
70	9.620	2647	2653	2654	rBV2	591	483	0.02%	0.003%
71	9.723	2682	2685	2693	rVB6	1086	1328	0.06%	0.008%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	9.932	2746	2750	2753	rVB3	1585	1105	0.05%	0.007%
73	9.955	2753	2757	2761	rBV3	1234	1267	0.06%	0.007%
74	9.974	2761	2763	2768	rVB3	1012	654	0.03%	0.004%
75	10.250	2846	2849	2850	rBV	875	486	0.02%	0.003%
76	10.427	2891	2904	2923	rBV	668077	1084747	48.05%	6.416%
77	10.604	2951	2959	2967	rVB5	3473	5323	0.24%	0.031%
78	10.717	2991	2994	2997	rBV3	1258	680	0.03%	0.004%
79	10.746	3000	3003	3005	rBV2	1226	750	0.03%	0.004%
80	10.807	3014	3022	3024	rBV4	2619	2802	0.12%	0.017%
81	11.025	3086	3090	3094	rVB4	1255	1207	0.05%	0.007%
82	11.080	3102	3107	3111	rBV5	1416	1836	0.08%	0.011%
83	11.199	3141	3144	3148	rVB2	740	631	0.03%	0.004%
84	11.270	3160	3166	3168	rBV4	783	845	0.04%	0.005%
85	11.324	3180	3183	3188	rVB6	1078	853	0.04%	0.005%
86	11.479	3220	3231	3258	rBV	826757	1379376	61.10%	8.159%
87	11.771	3315	3322	3324	rBV8	3016	3450	0.15%	0.020%
88	11.855	3336	3348	3368	rBV	872058	1467741	65.01%	8.682%
89	12.183	3448	3450	3454	rVB5	1751	1125	0.05%	0.007%
90	12.382	3510	3512	3516	rBV4	1531	862	0.04%	0.005%
91	12.479	3536	3542	3544	rBV6	3207	3688	0.16%	0.022%
92	12.594	3575	3578	3580	rBV4	1084	732	0.03%	0.004%
93	12.639	3589	3592	3595	rBV5	1700	1139	0.05%	0.007%
94	12.704	3610	3612	3615	rBV2	1760	1185	0.05%	0.007%
95	13.003	3700	3705	3710	rBV7	1919	1965	0.09%	0.012%
96	13.122	3739	3742	3743	rBV3	2455	1432	0.06%	0.008%
97	13.170	3755	3757	3760	rBV3	1685	1147	0.05%	0.007%
98	13.447	3841	3843	3846	rBV3	1666	980	0.04%	0.006%
99	13.723	3926	3929	3933	rBV4	1828	1796	0.08%	0.011%
100	16.427	4763	4770	4787	rVB6	39619	74937	3.32%	0.443%

Sum of corrected areas: 16906300

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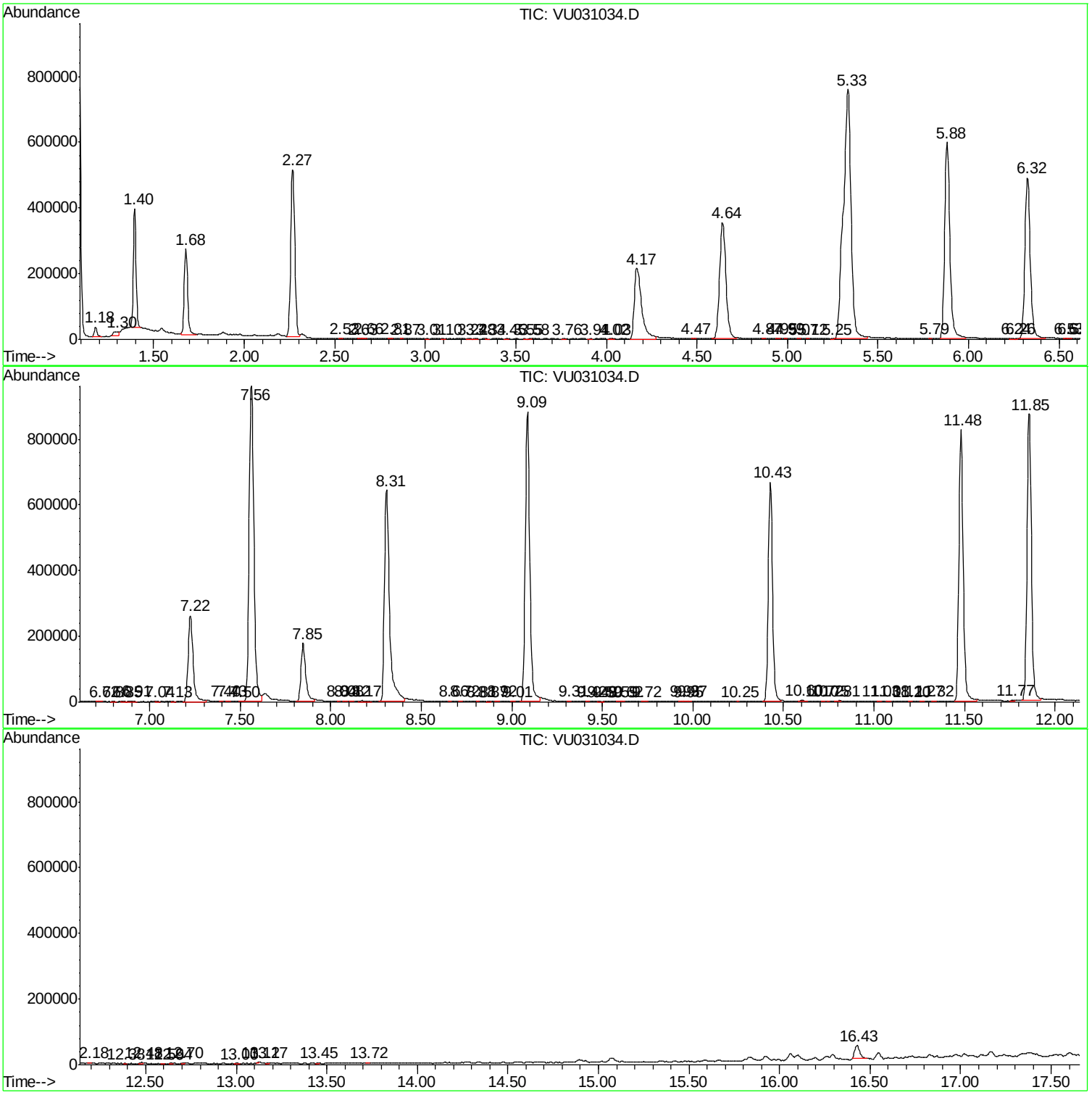
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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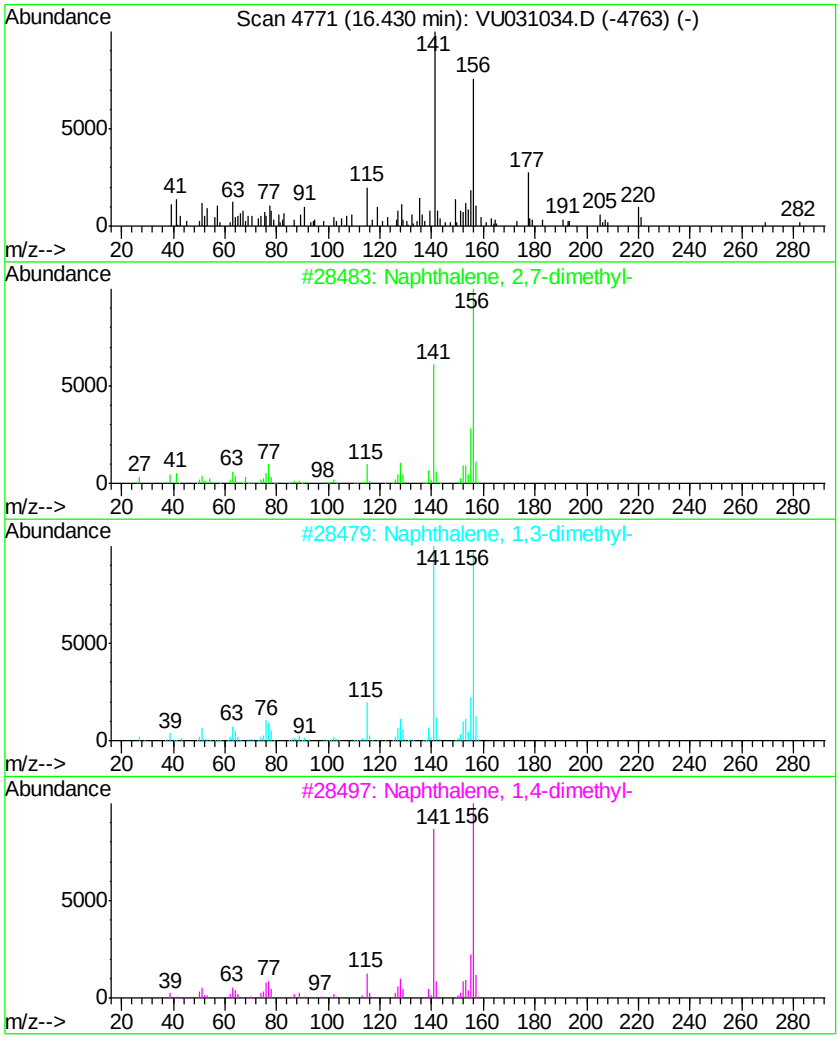
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

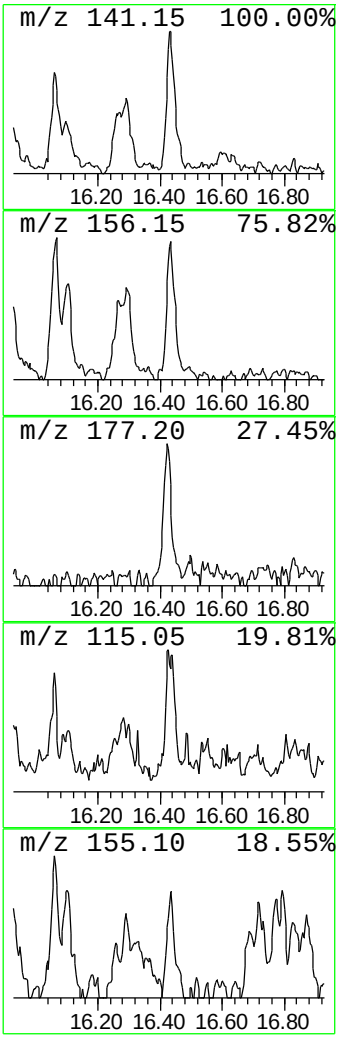
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.72 ug/L	74937	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76





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
Naphthalene, 2,7-...	16.43	2.7	ug/L	74937	3	11.48	1379380	50.0