LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031157.D
Acq On : 13 Apr 2019 15:30
Operator : JC/SP
Sample : K2354-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C5

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	23	28	35	rBV2	16352	15575	0.80%	0.106%
2	1.396	88	95	104	rVB	303385	317623	16.41%	2.170%
3	1.675	174	182	202	rVB	209851	278706	14.40%	1.904%
4	2.267	355	366	377	rBV	449642	684069	35.34%	4.673%
5	2.441	409	420	440	rBV	51239	97710	5.05%	0.668%
6	2.550	452	454	456	rBV2	940	554	0.03%	0.004%
7	2.662	484	489	492	rBV5	1249	1057	0.05%	0.007%
8	2.762	516	520	524	rVB5	861	661	0.03%	0.005%
9	2.826	530	540	541	rBV5	2162	2567	0.13%	0.018%
10	2.936	569	574	576	rBV3	671	485	0.03%	0.003%
11	2.958	576	581	583	rVV3	814	650	0.03%	0.004%
12	2.974	583	586	590	rVV2	1019	1045	0.05%	0.007%
13	3.026	600	602	608	rVB3	759	721	0.04%	0.005%
14	3.187	647	652	655	rVB2	750	724	0.04%	0.005%
15	3.219	659	662	666	rBV2	737	514	0.03%	0.004%
16	3.408	718	721	726	rVB3	885	642	0.03%	0.004%
17	3.450	730	734	738	rVB4	1298	1225	0.06%	0.008%
18	3.476	738	742	747	rBV4	620	736	0.04%	0.005%
19	3.515	749	754	757	rBV3	609	604	0.03%	0.004%
20	3.598	775	780	783	rBV3	702	593	0.03%	0.004%
21	3.679	803	805	811	rVB	605	464	0.02%	0.003%
22	3.785	832	838	841	rBV2	767	756	0.04%	0.005%
23	3.820	845	849	852	rBV2	813	606	0.03%	0.004%
24	3.949	885	889	893	rBV2	653	628	0.03%	0.004%
25	4.000	900	905	908	rBV3	925	797	0.04%	0.005%
26	4.058	919	923	926	rVB4	542	498	0.03%	0.003%
27	4.174	947	959	989	rBV	177460	502138	25.94%	3.431%
28	4.495	1057	1059	1063	rVB2	1112	752	0.04%	0.005%
29	4.521	1063	1067	1068	rBV2	765	478	0.02%	0.003%
30	4.585	1083	1087	1088	rBV2	1167	709	0.04%	0.005%
31	4.643	1089	1105	1132	rVV2	312166	764728	39.51%	5.224%
32	4.875	1171	1177	1179	rBV5	1372	1561	0.08%	0.011%
33	5.019	1219	1222	1226	rVB3	1048	677	0.03%	0.005%
34	5.042	1226	1229	1235	rVB6	737	800	0.04%	0.005%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	5.071	1235	1238	1241	rBV4	973	488	0.03%	0.003%
36	5.125	1251	1255	1256	rBV3	833	612	0.03%	0.004%
37	5.231	1286	1288	1293	rVB2	912	593	0.03%	0.004%
38	5.334	1295	1320	1355	rBV2	645852	1935764	100.00%	13.225%
39	5.736	1442	1445	1447	rBV4	1279	695	0.04%	0.005%
40	5.778	1455	1458	1459	rBV2	839	486	0.03%	0.003%
41	5.881	1477	1490	1517	rBV	558259	1127124	58.23%	7.700%
42	6.183	1573	1584	1599	rBV3	54989	113392	5.86%	0.775%
43	6.325	1614	1628	1655	rBV	428697	878541	45.38%	6.002%
44	6.743	1755	1758	1760	rBV	907	603	0.03%	0.004%
45	6.865	1794	1796	1801	rVB	864	478	0.02%	0.003%
46	6.929	1812	1816	1819	rBV2	906	693	0.04%	0.005%
47	6.955	1819	1824	1826	rVV4	596	467	0.02%	0.003%
48	7.125	1870	1877	1879	rBV2	692	815	0.04%	0.006%
49	7.225	1895	1908	1930	rBV	214706	404008	20.87%	2.760%
50	7.344	1943	1945	1952	rBV6	935	751	0.04%	0.005%
51	7.389	1956	1959	1962	rBV4	1259	992	0.05%	0.007%
52	7.431	1969	1972	1976	rVB3	684	521	0.03%	0.004%
53	7.563	2000	2013	2047	rBV	794017	1443273	74.56%	9.860%
54	7.846	2092	2101	2124	rBV	154682	277589	14.34%	1.896%
55	8.177	2194	2204	2214	rBV3	7172	11541	0.60%	0.079%
56	8.231	2214	2221	2229	rVB5	1894	2938	0.15%	0.020%
57	8.309	2234	2245	2283	rBV	528555	1067615	55.15%	7.294%
58	8.682	2359	2361	2366	rBV3	814	795	0.04%	0.005%
59	8.752	2380	2383	2385	rBV3	942	589	0.03%	0.004%
60	8.794	2391	2396	2399	rBV2	448	547	0.03%	0.004%
61	8.813	2400	2402	2405	rVB3	961	534	0.03%	0.004%
62	8.862	2412	2417	2418	rVB4	678	506	0.03%	0.003%
63	8.929	2435	2438	2446	rVB3	547	541	0.03%	0.004%
64	9.022	2463	2467	2471	rBV4	780	676	0.03%	0.005%
65	9.087	2474	2487	2519	rBV	824940	1426015	73.67%	9.742%
66	9.434	2590	2595	2596	rBV2	774	503	0.03%	0.003%
67	9.472	2604	2607	2612	rVB2	879	752	0.04%	0.005%
68	9.498	2612	2615	2619	rBV4	742	620	0.03%	0.004%
69	9.521	2619	2622	2628	rVB4	580	654	0.03%	0.004%
70	9.614	2648	2651	2654	rVB2	763	569	0.03%	0.004%
71	9.717	2678	2683	2684	rBV2	751	579	0.03%	0.004%

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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

72	9.775	2697	2701	2704	rBV3	632	581	0.03%	0.004%
73	9.987	2764	2767	2774	rBV3	863	910	0.05%	0.006%
74	10.016	2774	2776	2782	rVB4	664	519	0.03%	0.004%
75	10.109	2800	2805	2812	rBV3	782	898	0.05%	0.006%
76	10.183	2822	2828	2833	rBV5	735	860	0.04%	0.006%
77	10.427	2889	2904	2925	rBV	580015	949125	49.03%	6.484%
78	10.604	2950	2959	2971	rBV7	5677	9650	0.50%	0.066%
79	10.698	2986	2988	2993	rVB3	747	582	0.03%	0.004%
80	10.723	2993	2996	2998	rBV2	830	512	0.03%	0.003%
81	10.733	2998	2999	3004	rVB2	672	486	0.03%	0.003%
82	10.887	3044	3047	3049	rVV3	802	531	0.03%	0.004%
83	10.945	3062	3065	3070	rVB3	738	673	0.03%	0.005%
84	11.000	3079	3082	3085	rVB3	1018	800	0.04%	0.005%
85	11.080	3103	3107	3112	rBV3	775	723	0.04%	0.005%
86	11.222	3148	3151	3154	rBV2	738	465	0.02%	0.003%
87	11.418	3210	3212	3217	rBV4	1222	1147	0.06%	0.008%
88	11.482	3220	3232	3253	rBV	680870	1116390	57.67%	7.627%
89	11.652	3283	3285	3286	rBV	1050	460	0.02%	0.003%
90	11.855	3336	3348	3371	rBV	678828	1155854	59.71%	7.897%
91	12.353	3499	3503	3506	rBV5	1226	900	0.05%	0.006%
92	12.485	3540	3544	3555	rVB6	2716	3634	0.19%	0.025%
93	12.704	3609	3612	3615	rVB3	767	534	0.03%	0.004%
94	12.993	3700	3702	3705	rBV	792	518	0.03%	0.004%
95	13.138	3744	3747	3752	rBV3	899	951	0.05%	0.006%
96	13.212	3765	3770	3772	rBV3	1217	988	0.05%	0.007%
97	13.328	3804	3806	3810	rVB3	1030	714	0.04%	0.005%
98	13.922	3989	3991	3996	rBV2	718	511	0.03%	0.003%
99	14.231	4083	4087	4088	rBV2	1112	674	0.03%	0.005%
100	14.617	4204	4207	4210	rBV2	957	931	0.05%	0.006%

Sum of corrected areas: 14637433

LSC Report - Integrated Chromatogram

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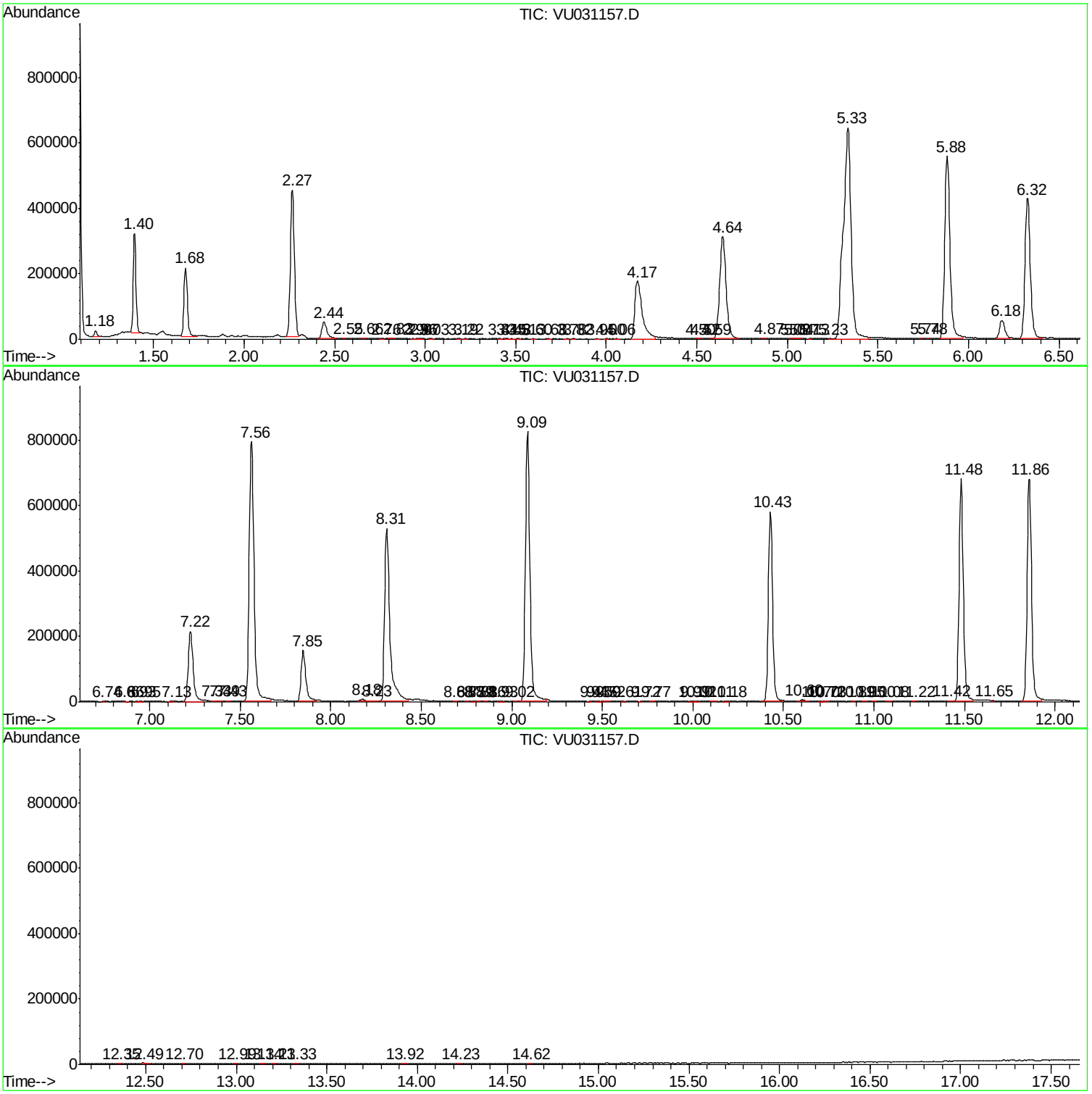
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

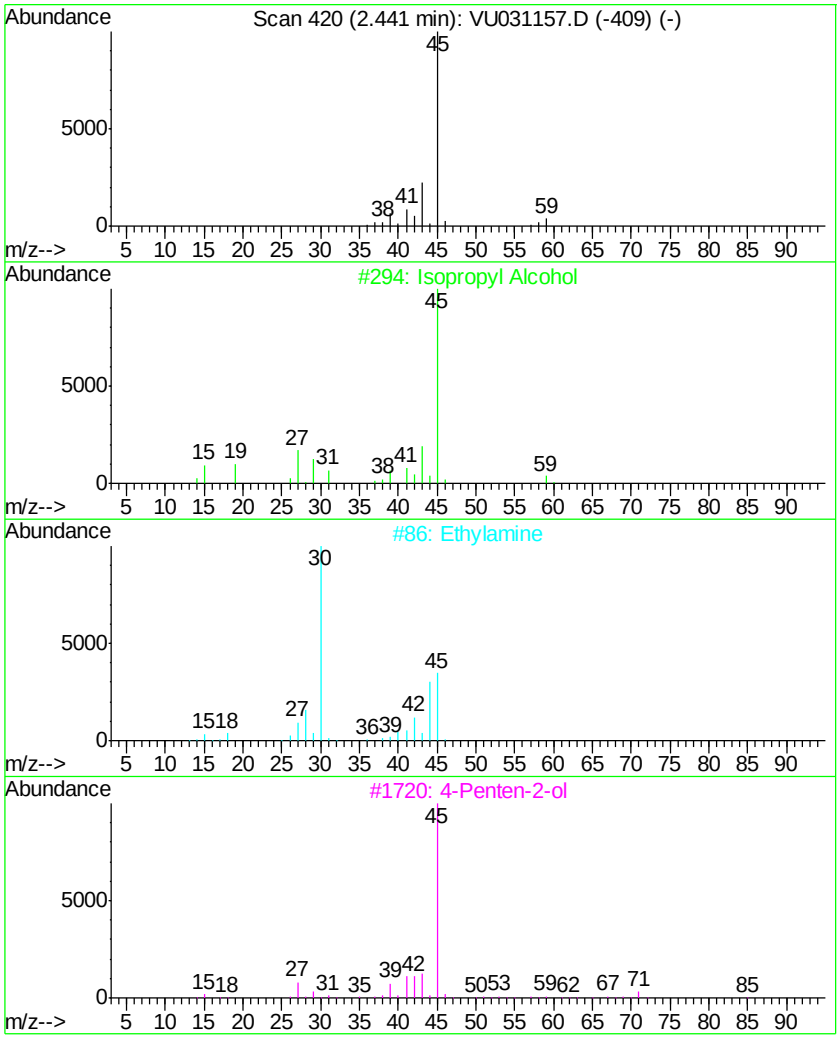
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

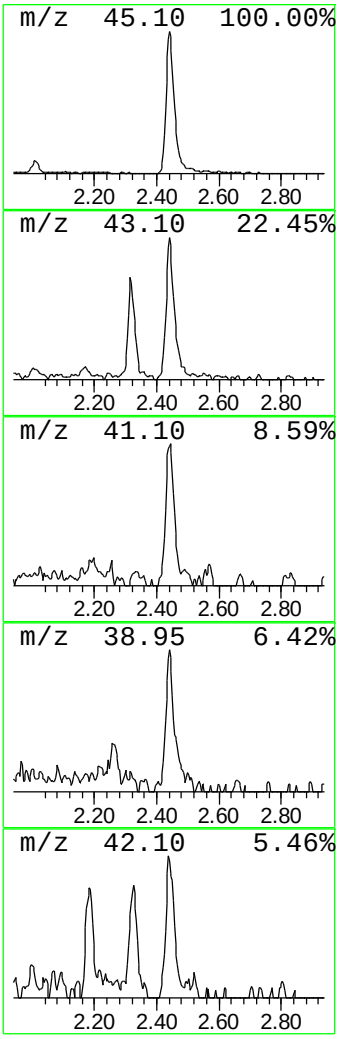
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.33 ug/L	97710	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
2	Ethylamine	45	C2H7N	000075-04-7	5
3	4-Penten-2-ol	86	C5H10O	000625-31-0	4
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	4
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	4





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
unknown-01	2.44	4.3	ug/L	97710	1	5.88	1127120	50.0