LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031103.D
Acq On : 12 Apr 2019 04:49
Operator : JC/SP
Sample : K2353-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 95 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ60

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	37	rVB	21450	20932	1.13%	0.140%
2	1.395	88	95	109	rBV	257687	268849	14.45%	1.796%
3	1.675	175	182	196	rVB	198999	254729	13.69%	1.702%
4	2.003	276	284	296	rBV	73345	111816	6.01%	0.747%
5	2.267	355	366	377	rBV	391722	590390	31.74%	3.944%
6	2.437	414	419	425	rBV4	3435	5200	0.28%	0.035%
7	2.550	448	454	457	rBV3	910	694	0.04%	0.005%
8	2.566	457	459	463	rBV3	779	541	0.03%	0.004%
9	2.611	468	473	474	rBV2	1746	1350	0.07%	0.009%
10	2.820	530	538	542	rBV5	1618	1943	0.10%	0.013%
11	2.903	561	564	568	rVB	811	692	0.04%	0.005%
12	2.932	569	573	575	rBV3	771	553	0.03%	0.004%
13	3.177	646	649	651	rBV2	946	685	0.04%	0.005%
14	3.283	678	682	686	rBV2	642	667	0.04%	0.004%
15	3.389	712	715	720	rVV4	473	536	0.03%	0.004%
16	3.431	724	728	732	rBV2	648	524	0.03%	0.004%
17	3.456	732	736	739	rVB3	623	504	0.03%	0.003%
18	3.556	764	767	772	rVV2	868	684	0.04%	0.005%
19	3.897	870	873	879	rVB3	928	1027	0.06%	0.007%
20	3.948	886	889	892	rVB	697	546	0.03%	0.004%
21	4.119	933	942	943	rBV	1337	1406	0.08%	0.009%
22	4.170	946	958	984	rBV	199040	544423	29.26%	3.637%
23	4.392	1025	1027	1030	rBV2	905	642	0.03%	0.004%
24	4.540	1067	1073	1077	rBV4	889	884	0.05%	0.006%
25	4.643	1086	1105	1132	rBV	305724	764308	41.08%	5.106%
26	4.804	1150	1155	1161	rVB4	2049	1979	0.11%	0.013%
27	4.833	1161	1164	1170	rBV2	901	825	0.04%	0.006%
28	4.865	1171	1174	1176	rBV3	1464	908	0.05%	0.006%
29	5.254	1289	1295	1297	rBV3	430	455	0.02%	0.003%
30	5.334	1297	1320	1342	rBV2	620989	1860366	100.00%	12.428%
31	5.714	1434	1438	1441	rVB2	866	642	0.03%	0.004%
32	5.813	1464	1469	1473	rBV4	750	660	0.04%	0.004%
33	5.881	1477	1490	1514	rBV	601484	1208383	64.95%	8.072%
34	6.180	1573	1583	1595	rBV9	6394	12978	0.70%	0.087%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 95 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ60

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

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Peak separation: 5

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

35	6.325	1614	1628	1652	rBV	425896	868753	46.70%	5.804%
36	6.501	1681	1683	1689	rVB5	775	569	0.03%	0.004%
37	6.829	1780	1785	1788	rBV4	1113	953	0.05%	0.006%
38	6.855	1790	1793	1798	rVB4	574	469	0.03%	0.003%
39	6.884	1798	1802	1804	rBV4	1336	1064	0.06%	0.007%
40	7.013	1839	1842	1845	rVV3	771	658	0.04%	0.004%
41	7.115	1870	1874	1878	rBV3	832	731	0.04%	0.005%
42	7.225	1895	1908	1930	rBV	211154	397827	21.38%	2.658%
43	7.447	1973	1977	1979	rBV3	966	575	0.03%	0.004%
44	7.498	1990	1993	1996	rBV4	835	572	0.03%	0.004%
45	7.562	2000	2013	2041	rBV	761006	1378765	74.11%	9.211%
46	7.845	2090	2101	2127	rBV	144260	274670	14.76%	1.835%
47	8.099	2177	2180	2185	rBV5	812	866	0.05%	0.006%
48	8.177	2201	2204	2209	rVB4	1913	1422	0.08%	0.009%
49	8.234	2216	2222	2230	rBV4	1365	1750	0.09%	0.012%
50	8.308	2234	2245	2291	rBV	588048	1213149	65.21%	8.104%
51	8.697	2360	2366	2369	rVV6	872	927	0.05%	0.006%
52	8.771	2387	2389	2394	rVV3	773	667	0.04%	0.004%
53	8.829	2402	2407	2408	rBV2	910	565	0.03%	0.004%
54	8.884	2421	2424	2427	rBV3	1164	812	0.04%	0.005%
55	8.919	2431	2435	2437	rBV2	841	756	0.04%	0.005%
56	8.967	2445	2450	2453	rBV3	553	473	0.03%	0.003%
57	9.032	2465	2470	2473	rVB4	727	669	0.04%	0.004%
58	9.086	2474	2487	2510	rBV	892828	1547568	83.19%	10.338%
59	9.379	2574	2578	2581	rBV3	553	499	0.03%	0.003%
60	9.459	2600	2603	2607	rVV2	672	481	0.03%	0.003%
61	9.527	2620	2624	2626	rBV3	923	734	0.04%	0.005%
62	9.697	2674	2677	2680	rVB2	931	586	0.03%	0.004%
63	9.768	2696	2699	2701	rBV4	1031	652	0.04%	0.004%
64	9.836	2716	2720	2722	rVB2	955	612	0.03%	0.004%
65	10.099	2798	2802	2806	rBV2	876	990	0.05%	0.007%
66	10.115	2806	2807	2811	rVV3	763	467	0.03%	0.003%
67	10.164	2820	2822	2829	rVB4	689	560	0.03%	0.004%
68	10.209	2833	2836	2840	rVB3	630	561	0.03%	0.004%
69	10.427	2891	2904	2928	rBV	611434	1005090	54.03%	6.714%
70	10.611	2959	2961	2968	rVB3	1887	1465	0.08%	0.010%
71	10.646	2968	2972	2973	rBV2	743	519	0.03%	0.003%

LSC Area Percent Report

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ALS Vial : 95 Sample Multiplier: 1

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ClientSampleId : ETJ60

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

72	10.749	2999	3004	3007	rBV2	740	825	0.04%	0.006%
73	10.816	3016	3025	3029	rBV4	1101	1500	0.08%	0.010%
74	11.006	3080	3084	3087	rBV2	641	627	0.03%	0.004%
75	11.154	3127	3130	3132	rBV3	666	487	0.03%	0.003%
76	11.369	3193	3197	3200	rBV2	836	643	0.03%	0.004%
77	11.479	3219	3231	3251	rBV	805449	1320602	70.99%	8.822%
78	11.707	3300	3302	3305	rVB3	1560	819	0.04%	0.005%
79	11.855	3333	3348	3370	rBV	739761	1254814	67.45%	8.383%
80	12.430	3523	3527	3529	rBV3	838	687	0.04%	0.005%
81	12.472	3535	3540	3542	rBV3	1227	1059	0.06%	0.007%
82	12.485	3542	3544	3548	rVB2	1611	1027	0.06%	0.007%
83	12.678	3600	3604	3607	rBV3	628	599	0.03%	0.004%
84	12.736	3619	3622	3624	rBV3	861	486	0.03%	0.003%
85	12.787	3635	3638	3641	rBV5	929	667	0.04%	0.004%
86	12.971	3691	3695	3697	rBV2	1063	774	0.04%	0.005%
87	13.035	3712	3715	3719	rBV4	1487	1232	0.07%	0.008%
88	13.311	3797	3801	3804	rBV3	1362	994	0.05%	0.007%
89	13.344	3809	3811	3814	rBV2	836	518	0.03%	0.003%
90	13.421	3832	3835	3839	rBV2	1463	964	0.05%	0.006%
91	13.520	3864	3866	3870	rBV3	794	677	0.04%	0.005%
92	13.649	3903	3906	3908	rBV2	785	532	0.03%	0.004%
93	13.897	3981	3983	3987	rBV3	768	532	0.03%	0.004%
94	13.993	4011	4013	4018	rBV2	880	611	0.03%	0.004%
95	14.016	4018	4020	4024	rVB4	1311	934	0.05%	0.006%
96	14.340	4118	4121	4128	rBV5	1294	1240	0.07%	0.008%
97	14.552	4185	4187	4192	rVB	1434	1082	0.06%	0.007%
98	14.626	4207	4210	4212	rBV2	1107	621	0.03%	0.004%
99	14.771	4251	4255	4259	rBV6	1195	1297	0.07%	0.009%
100	15.244	4399	4402	4409	rBV6	1779	2226	0.12%	0.015%

Sum of corrected areas: 14969243

LSC Report - Integrated Chromatogram

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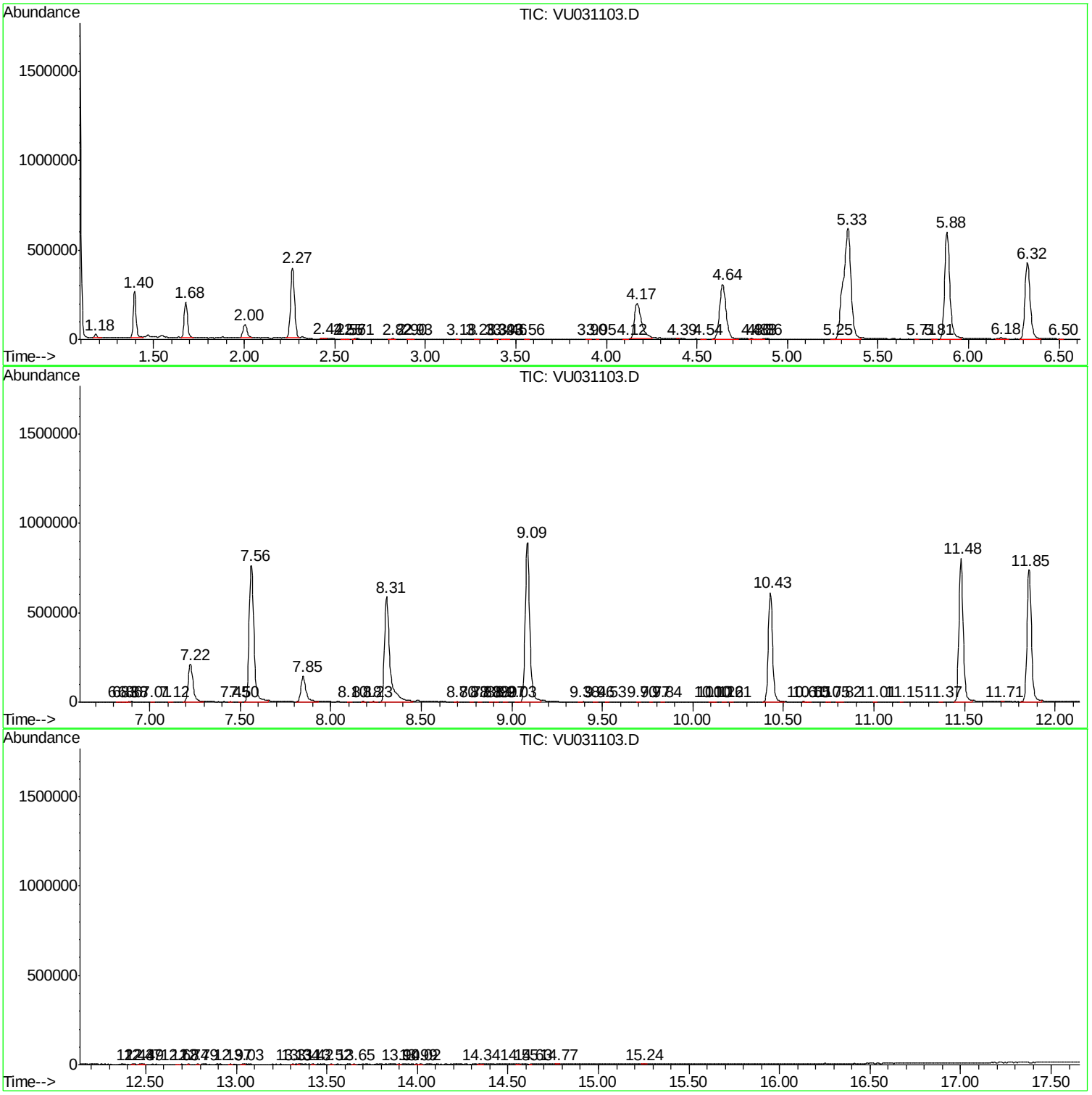
Instrument : MSVOA_U
ClientSampleId : ETJ60

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031103.D
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Operator : JC/SP
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ALS Vial : 95 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ60

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

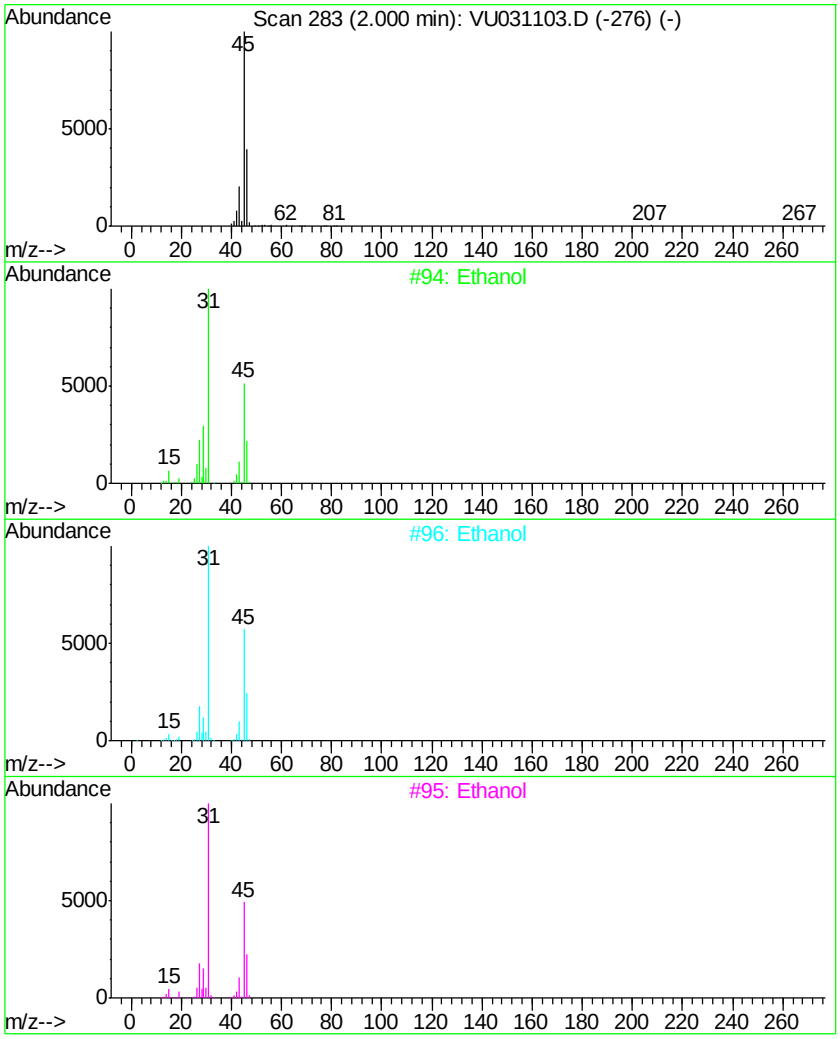
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

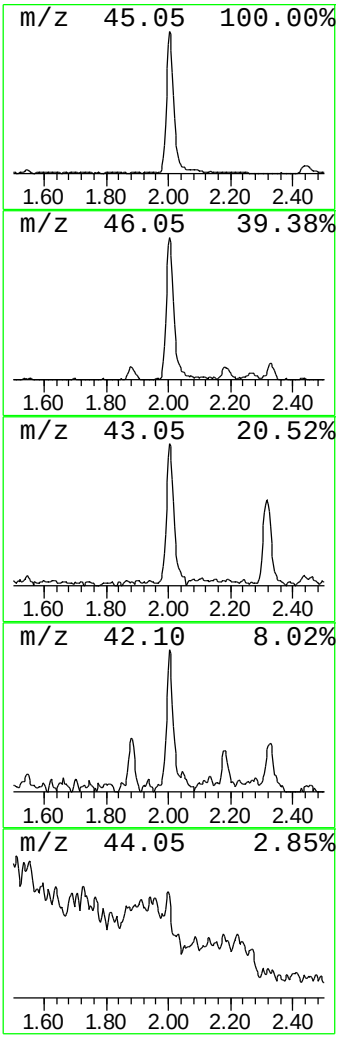
****

Peak Number 1 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	4.63 ug/L	111816	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	86
2	Ethanol	46	C2H6O	000064-17-5	78
3	Ethanol	46	C2H6O	000064-17-5	78
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Methane, nitroso-	45	CH3NO	000865-40-7	7





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol	2.00	4.6	ug/L	111816	1	5.88	1208380	50.0