LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031166.D
Acq On : 13 Apr 2019 18:59
Operator : JC/SP
Sample : K2353-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 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	rVB3	17705	18800	1.01%	0.132%
2	1.396	88	95	108	rVB	299046	308544	16.59%	2.162%
3	1.675	175	182	197	rVB	220475	282273	15.17%	1.978%
4	2.006	276	285	306	rVB2	66450	109257	5.87%	0.766%
5	2.267	355	366	377	rBV	424680	647452	34.81%	4.537%
6	2.376	398	400	404	rVB3	1249	648	0.03%	0.005%
7	2.412	409	411	413	rBV2	894	560	0.03%	0.004%
8	2.444	413	421	436	rVV4	12011	23585	1.27%	0.165%
9	2.572	456	461	467	rBV9	1077	1196	0.06%	0.008%
10	2.678	488	494	496	rBV4	719	633	0.03%	0.004%
11	2.698	496	500	503	rVV3	930	865	0.05%	0.006%
12	2.714	503	505	511	rVB2	884	499	0.03%	0.003%
13	2.775	519	524	529	rBV4	1043	1031	0.06%	0.007%
14	2.830	533	541	546	rBV7	1594	2464	0.13%	0.017%
15	2.904	561	564	569	rVB2	935	810	0.04%	0.006%
16	2.932	569	573	575	rBV2	775	699	0.04%	0.005%
17	3.244	666	670	677	rVB3	673	571	0.03%	0.004%
18	3.386	709	714	717	rBV4	729	621	0.03%	0.004%
19	3.694	807	810	816	rVB2	979	744	0.04%	0.005%
20	3.788	834	839	842	rBV3	700	645	0.03%	0.005%
21	3.981	895	899	904	rVB2	520	565	0.03%	0.004%
22	4.016	904	910	913	rBV3	781	814	0.04%	0.006%
23	4.109	935	939	941	rBV	1047	958	0.05%	0.007%
24	4.170	946	958	987	rBV	192481	520514	27.98%	3.648%
25	4.643	1087	1105	1124	rBV2	311123	764117	41.08%	5.355%
26	4.871	1173	1176	1178	rBV3	1065	769	0.04%	0.005%
27	5.080	1235	1241	1243	rBV4	843	955	0.05%	0.007%
28	5.151	1261	1263	1268	rVB	776	555	0.03%	0.004%
29	5.334	1297	1320	1340	rBV2	635710	1860132	100.00%	13.035%
30	5.698	1431	1433	1437	rVB4	1546	865	0.05%	0.006%
31	5.727	1438	1442	1444	rBV4	830	734	0.04%	0.005%
32	5.881	1478	1490	1519	rBV	516734	1037466	55.77%	7.270%
33	6.183	1574	1584	1606	rVB5	24935	55627	2.99%	0.390%
34	6.325	1614	1628	1659	rBV	394538	808007	43.44%	5.662%

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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
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	6.624	1717	1721	1725	rBV5	510	510	0.03%	0.004%
36	6.759	1760	1763	1768	rVB2	1083	808	0.04%	0.006%
37	6.784	1768	1771	1776	rVB3	748	705	0.04%	0.005%
38	6.890	1800	1804	1807	rBV3	644	598	0.03%	0.004%
39	7.225	1895	1908	1931	rBV	206942	386152	20.76%	2.706%
40	7.562	2000	2013	2047	rBV	736956	1337069	71.88%	9.370%
41	7.849	2090	2102	2125	rBV	141318	260324	13.99%	1.824%
42	8.045	2161	2163	2169	rVB3	824	757	0.04%	0.005%
43	8.167	2198	2201	2204	rBV3	757	634	0.03%	0.004%
44	8.238	2218	2223	2226	rBV4	1101	1078	0.06%	0.008%
45	8.308	2233	2245	2286	rBV2	530524	1097030	58.98%	7.688%
46	8.649	2347	2351	2356	rVB5	984	974	0.05%	0.007%
47	8.678	2356	2360	2365	rVB4	1287	1150	0.06%	0.008%
48	8.720	2369	2373	2377	rBV4	637	595	0.03%	0.004%
49	8.742	2377	2380	2384	rBV3	771	693	0.04%	0.005%
50	8.833	2405	2408	2414	rVB4	926	1018	0.05%	0.007%
51	8.861	2414	2417	2423	rBV4	886	965	0.05%	0.007%
52	9.087	2474	2487	2529	rBV	794956	1396643	75.08%	9.787%
53	9.318	2557	2559	2564	rVB4	1188	853	0.05%	0.006%
54	9.369	2573	2575	2580	rVV3	1110	1080	0.06%	0.008%
55	9.392	2580	2582	2585	rVB3	1372	813	0.04%	0.006%
56	9.450	2596	2600	2604	rBV3	1019	1062	0.06%	0.007%
57	9.588	2638	2643	2647	rVV2	759	830	0.04%	0.006%
58	9.929	2747	2749	2752	rBV	964	519	0.03%	0.004%
59	9.961	2752	2759	2762	rVB2	846	839	0.05%	0.006%
60	9.980	2762	2765	2769	rBV2	695	686	0.04%	0.005%
61	10.038	2778	2783	2788	rBV3	1129	1182	0.06%	0.008%
62	10.070	2788	2793	2800	rVV4	944	1392	0.07%	0.010%
63	10.260	2848	2852	2856	rVB3	723	640	0.03%	0.004%
64	10.344	2873	2878	2883	rBV3	676	669	0.04%	0.005%
65	10.379	2885	2889	2891	rBV	997	700	0.04%	0.005%
66	10.427	2892	2904	2927	rBV	593265	968420	52.06%	6.786%
67	10.601	2956	2958	2961	rBV3	789	523	0.03%	0.004%
68	10.813	3019	3024	3026	rBV3	918	897	0.05%	0.006%
69	10.836	3029	3031	3038	rVB4	1127	1377	0.07%	0.010%
70	11.003	3079	3083	3088	rBV2	645	679	0.04%	0.005%
71	11.035	3091	3093	3100	rVB3	752	682	0.04%	0.005%

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

72	11.067	3100	3103	3105	rBV3	867	627	0.03%	0.004%
73	11.083	3106	3108	3116	rVB4	1380	1357	0.07%	0.010%
74	11.135	3116	3124	3132	rBV3	1040	1878	0.10%	0.013%
75	11.286	3169	3171	3176	rVB	934	730	0.04%	0.005%
76	11.482	3220	3232	3254	rBV	688764	1131123	60.81%	7.926%
77	11.807	3329	3333	3335	rBV4	1116	945	0.05%	0.007%
78	11.858	3336	3349	3371	rBV	699705	1188571	63.90%	8.329%
79	12.167	3443	3445	3453	rBV3	850	1094	0.06%	0.008%
80	12.205	3454	3457	3462	rVB5	1640	1419	0.08%	0.010%
81	12.292	3481	3484	3488	rBV2	1381	999	0.05%	0.007%
82	12.324	3491	3494	3498	rVV5	894	686	0.04%	0.005%
83	12.582	3571	3574	3577	rBV3	946	613	0.03%	0.004%
84	12.601	3577	3580	3588	rVV3	935	956	0.05%	0.007%
85	12.848	3649	3657	3661	rBV3	1340	2009	0.11%	0.014%
86	12.887	3666	3669	3672	rBV	727	563	0.03%	0.004%
87	12.971	3693	3695	3698	rVB3	1156	582	0.03%	0.004%
88	13.115	3736	3740	3742	rBV2	929	826	0.04%	0.006%
89	13.360	3813	3816	3819	rBV3	774	605	0.03%	0.004%
90	13.392	3822	3826	3830	rVB5	1116	1080	0.06%	0.008%
91	13.572	3880	3882	3886	rVB	1022	562	0.03%	0.004%
92	14.147	4059	4061	4066	rVB3	1132	622	0.03%	0.004%
93	14.183	4069	4072	4073	rBV2	827	512	0.03%	0.004%
94	14.379	4128	4133	4137	rBB3	1112	1022	0.05%	0.007%
95	14.475	4161	4163	4165	rBV2	995	532	0.03%	0.004%
96	14.527	4176	4179	4183	rBV3	1229	901	0.05%	0.006%
97	14.736	4242	4244	4247	rBV3	1012	578	0.03%	0.004%
98	14.942	4305	4308	4312	rBV2	1234	1016	0.05%	0.007%
99	14.964	4312	4315	4318	rBV3	1297	924	0.05%	0.006%
100	15.961	4622	4625	4628	rBV5	1992	1413	0.08%	0.010%

Sum of corrected areas: 14270266

LSC Report - Integrated Chromatogram

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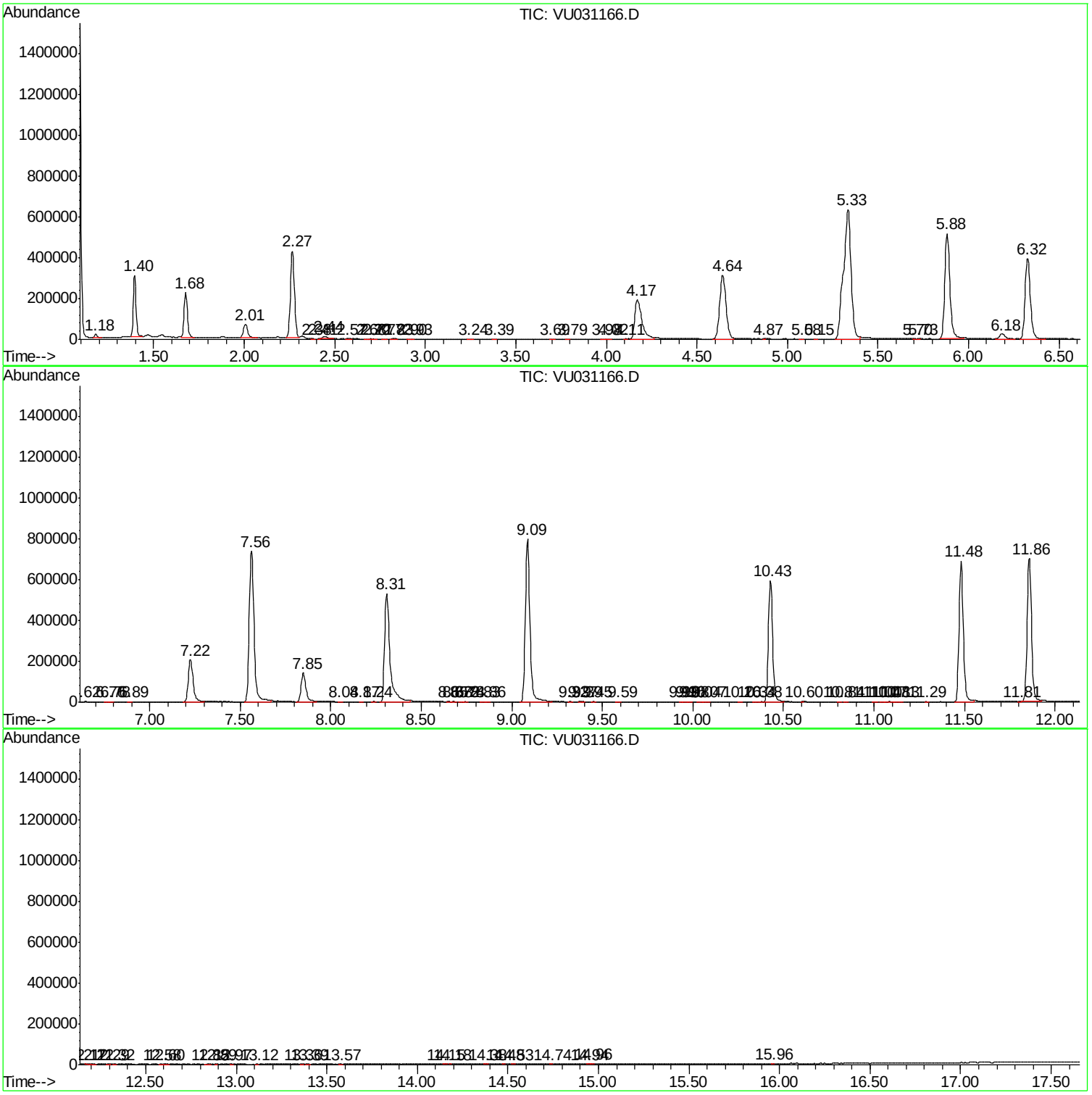
Instrument : MSVOA_U
ClientSampleId : ETJ60

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



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Quant Title : VOC Analysis

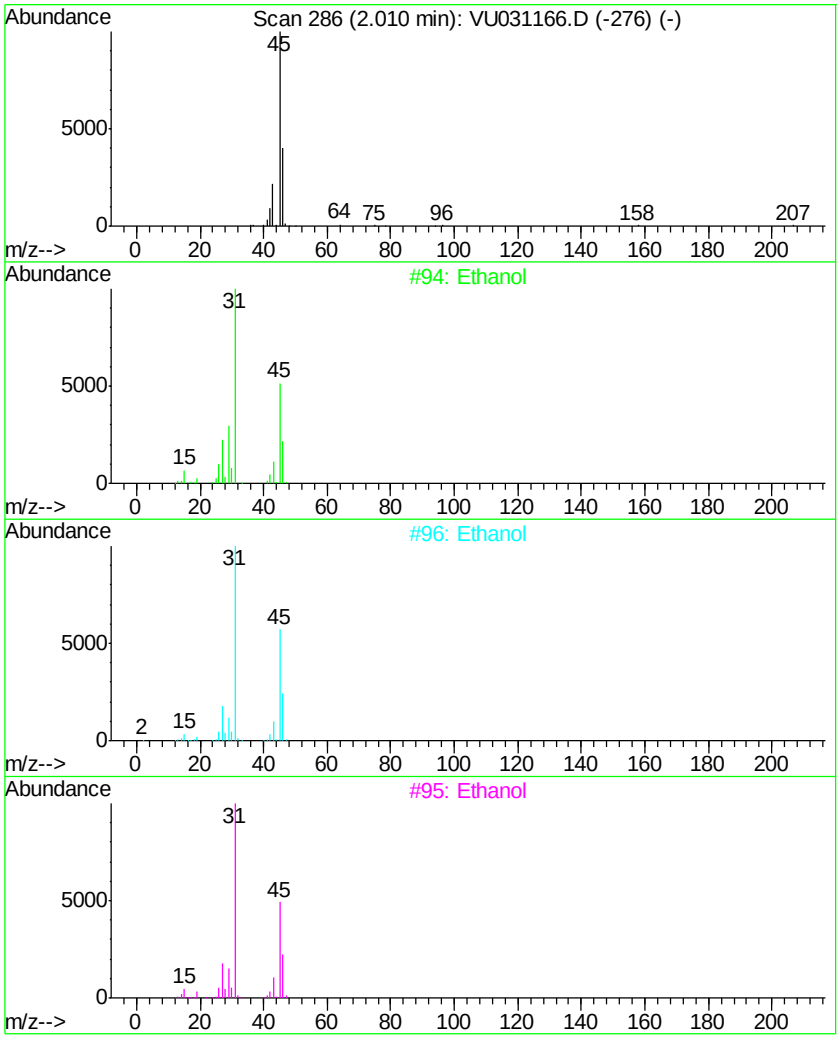
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

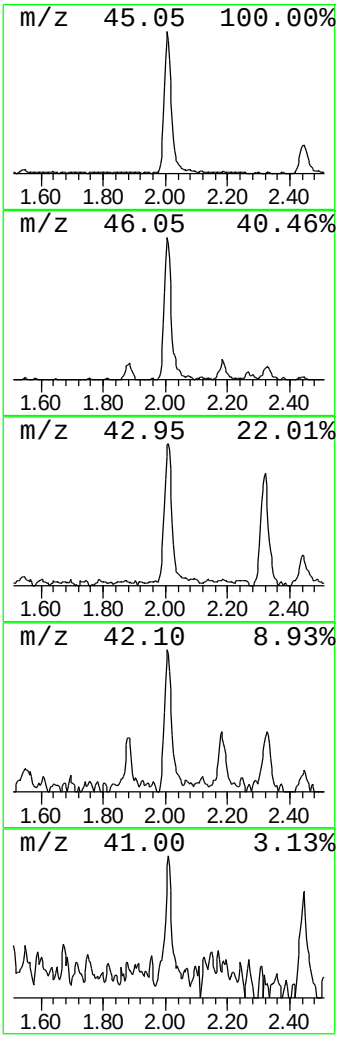
****

Peak Number 1 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	5.27 ug/L	109257	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	64
3	Ethanol	46	C2H6O	000064-17-5	40
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Dimethyl ether	46	C2H6O	000115-10-6	5





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	2.01	5.3	ug/L	109257	1	5.88	1037470	50.0