LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033123.D
Acq On : 01 Jul 2019 18:33
Operator : JC/SP
Sample : K3599-10
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM19

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\SOMULM061719WMA.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	1.283	55	60	75	rVB	33138	39154	4.75%	0.548%
2	1.389	86	93	108	rBV	66807	87266	10.59%	1.220%
3	1.637	166	170	187	rVB	54779	63185	7.67%	0.884%
4	2.219	341	351	366	rVB	169927	254736	30.91%	3.562%
5	2.424	413	415	424	rVB5	586	687	0.08%	0.010%
6	2.540	448	451	454	rBV	310	197	0.02%	0.003%
7	2.617	467	475	476	rBV4	813	866	0.11%	0.012%
8	2.630	477	479	486	rVB4	793	678	0.08%	0.009%
9	2.672	489	492	493	rBV2	548	346	0.04%	0.005%
10	2.720	501	507	513	rVB3	332	491	0.06%	0.007%
11	2.797	528	531	532	rBV	280	185	0.02%	0.003%
12	2.820	532	538	541	rBV2	1042	1254	0.15%	0.018%
13	2.903	562	564	569	rVB2	479	367	0.04%	0.005%
14	2.945	569	577	581	rBV2	395	550	0.07%	0.008%
15	2.977	585	587	593	rVB2	266	217	0.03%	0.003%
16	3.045	603	608	613	rBV2	428	464	0.06%	0.006%
17	3.138	633	637	641	rBV2	339	399	0.05%	0.006%
18	3.170	645	647	651	rVB2	376	199	0.02%	0.003%
19	3.199	651	656	659	rBV2	285	276	0.03%	0.004%
20	3.241	666	669	673	rVB2	377	300	0.04%	0.004%
21	3.270	673	678	682	rVB2	285	259	0.03%	0.004%
22	3.328	691	696	697	rBV	259	249	0.03%	0.003%
23	3.521	752	756	758	rBV	393	286	0.03%	0.004%
24	3.601	775	781	783	rBV2	151	191	0.02%	0.003%
25	3.649	792	796	799	rVV2	295	223	0.03%	0.003%
26	3.672	799	803	804	rVV2	234	201	0.02%	0.003%
27	3.717	810	817	819	rVV3	273	248	0.03%	0.003%
28	3.736	819	823	827	rVV2	272	236	0.03%	0.003%
29	3.955	888	891	894	rVB2	324	227	0.03%	0.003%
30	4.196	951	966	989	rBV2	58837	209813	25.46%	2.934%
31	4.537	1069	1072	1075	rVB	326	194	0.02%	0.003%
32	4.633	1086	1102	1134	rVV	134575	342221	41.53%	4.786%
33	4.871	1172	1176	1177	rBV2	371	278	0.03%	0.004%
34	4.939	1190	1197	1203	rVB3	360	555	0.07%	0.008%

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Instrument : MSVOA_U
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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\SOMULM061719WMA.M
Title : VOC Analysis

35	5.154	1258	1264	1267	rBV2	266	263	0.03%	0.004%
36	5.321	1295	1316	1343	rBV2	287757	824068	100.00%	11.524%
37	5.562	1389	1391	1397	rVB3	531	364	0.04%	0.005%
38	5.595	1397	1401	1404	rBV2	288	289	0.04%	0.004%
39	5.620	1404	1409	1411	rBV2	540	503	0.06%	0.007%
40	5.694	1428	1432	1435	rVB2	277	241	0.03%	0.003%
41	5.746	1445	1448	1452	rVB3	328	205	0.02%	0.003%
42	5.823	1470	1472	1474	rBV2	381	185	0.02%	0.003%
43	5.874	1474	1488	1517	rBV	270485	561724	68.16%	7.855%
44	6.048	1538	1542	1546	rBV4	375	387	0.05%	0.005%
45	6.119	1560	1564	1569	rVB2	405	379	0.05%	0.005%
46	6.164	1569	1578	1594	rBV7	5334	11872	1.44%	0.166%
47	6.218	1594	1595	1601	rVB	336	238	0.03%	0.003%
48	6.257	1601	1607	1609	rBV3	369	373	0.05%	0.005%
49	6.321	1613	1627	1653	rVV	181113	381183	46.26%	5.331%
50	6.440	1662	1664	1666	rVB	445	202	0.02%	0.003%
51	6.463	1668	1671	1674	rVV2	245	230	0.03%	0.003%
52	6.530	1685	1692	1693	rBV	476	389	0.05%	0.005%
53	6.598	1711	1713	1716	rBV2	532	342	0.04%	0.005%
54	6.662	1731	1733	1742	rVB2	268	212	0.03%	0.003%
55	6.868	1787	1797	1798	rBV2	1921	1830	0.22%	0.026%
56	6.939	1816	1819	1825	rVB3	488	369	0.04%	0.005%
57	6.977	1828	1831	1834	rVB2	290	197	0.02%	0.003%
58	7.132	1870	1879	1882	rBV	231	206	0.02%	0.003%
59	7.222	1895	1907	1937	rVV	93961	187693	22.78%	2.625%
60	7.395	1957	1961	1964	rBV3	349	342	0.04%	0.005%
61	7.418	1964	1968	1969	rBV	359	257	0.03%	0.004%
62	7.556	1998	2011	2030	rBV	344464	623237	75.63%	8.715%
63	7.752	2065	2072	2074	rVB2	273	295	0.04%	0.004%
64	7.765	2074	2076	2082	rVB2	299	295	0.04%	0.004%
65	7.845	2090	2101	2121	rBV	64454	129979	15.77%	1.818%
66	7.961	2134	2137	2143	rVB4	398	307	0.04%	0.004%
67	8.218	2205	2217	2236	rBV	193029	333521	40.47%	4.664%
68	8.321	2237	2249	2296	rVV	209460	473786	57.49%	6.626%
69	8.636	2344	2347	2352	rVB3	374	396	0.05%	0.006%
70	8.736	2375	2378	2381	rBV2	388	260	0.03%	0.004%
71	8.791	2389	2395	2397	rBV2	258	251	0.03%	0.004%

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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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

72	8.823	2402	2405	2408	rBV2	355	245	0.03%	0.003%
73	8.916	2431	2434	2438	rVB2	278	256	0.03%	0.004%
74	9.086	2472	2487	2516	rBV	406999	734985	89.19%	10.278%
75	9.305	2552	2555	2559	rBV	323	226	0.03%	0.003%
76	9.379	2572	2578	2580	rBV3	369	399	0.05%	0.006%
77	9.437	2586	2596	2611	rBV3	5672	8913	1.08%	0.125%
78	9.524	2620	2623	2627	rBV3	246	227	0.03%	0.003%
79	9.559	2632	2634	2638	rVB	422	197	0.02%	0.003%
80	9.582	2638	2641	2643	rBV	249	215	0.03%	0.003%
81	9.816	2709	2714	2721	rBV3	335	437	0.05%	0.006%
82	9.858	2721	2727	2731	rBV2	444	559	0.07%	0.008%
83	10.234	2840	2844	2846	rVB	410	298	0.04%	0.004%
84	10.305	2861	2866	2869	rBV3	398	521	0.06%	0.007%
85	10.430	2892	2905	2927	rVV	291778	481837	58.47%	6.738%
86	10.591	2947	2955	2956	rBV2	492	553	0.07%	0.008%
87	10.604	2956	2959	2967	rVB4	1087	997	0.12%	0.014%
88	10.774	3008	3012	3013	rBV	263	191	0.02%	0.003%
89	10.810	3013	3023	3037	rVV	20655	31091	3.77%	0.435%
90	10.884	3044	3046	3049	rBV2	277	238	0.03%	0.003%
91	11.019	3084	3088	3090	rBV2	329	227	0.03%	0.003%
92	11.073	3099	3105	3107	rBV2	297	342	0.04%	0.005%
93	11.189	3138	3141	3145	rVV3	281	224	0.03%	0.003%
94	11.482	3220	3232	3263	rBV	441660	719342	87.29%	10.059%
95	11.858	3337	3349	3378	rBV	361897	619128	75.13%	8.658%
96	12.469	3535	3539	3542	rBV4	1217	1237	0.15%	0.017%
97	12.700	3609	3611	3615	rBV2	368	272	0.03%	0.004%
98	13.726	3924	3930	3933	rBV2	377	520	0.06%	0.007%
99	14.218	4081	4083	4086	rBV2	297	221	0.03%	0.003%
100	14.276	4093	4101	4107	rBV2	2207	3178	0.39%	0.044%

Sum of corrected areas: 7150944

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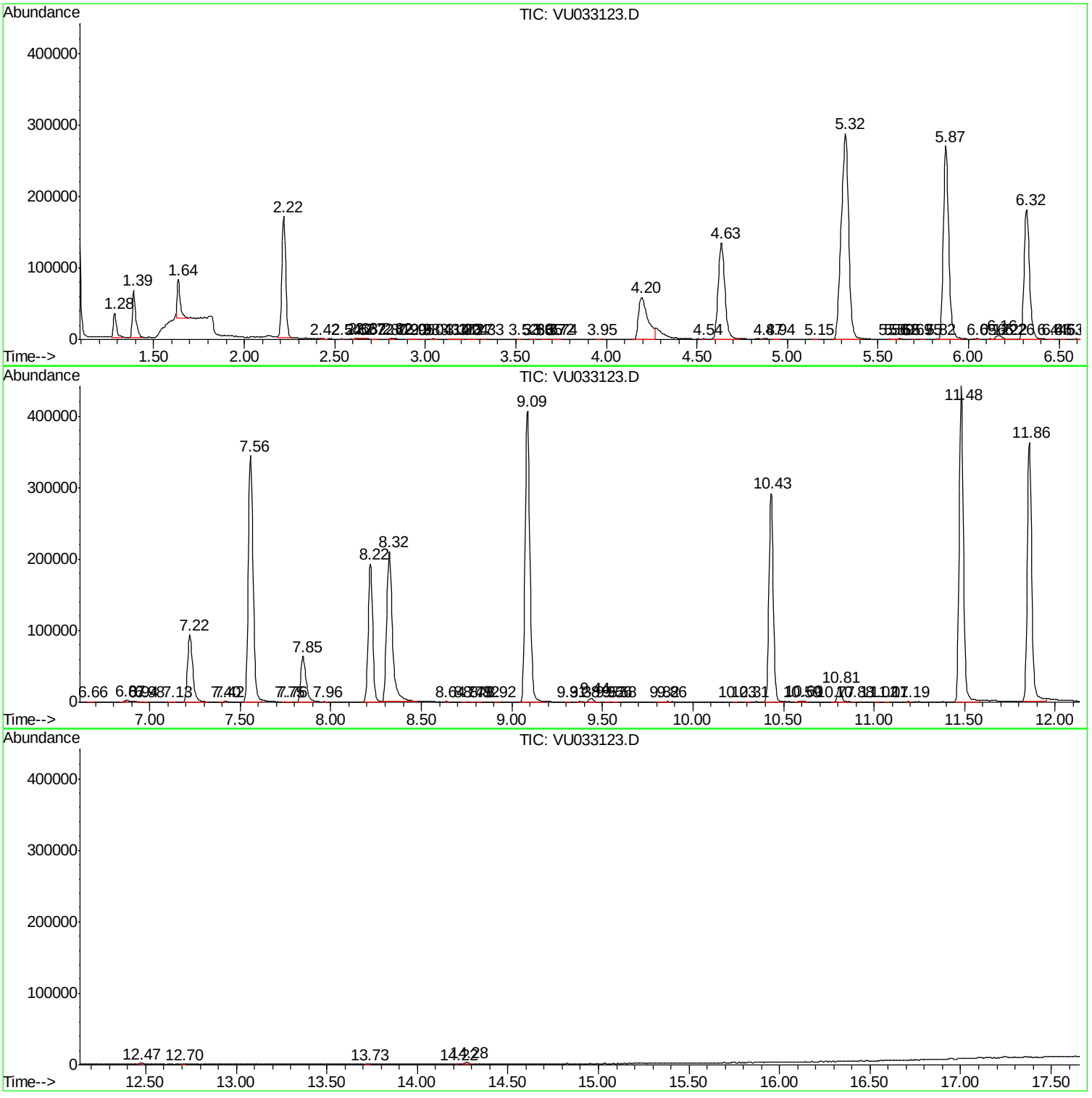
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\
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Instrument : MSVOA_U
ClientSampleId : GAM19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

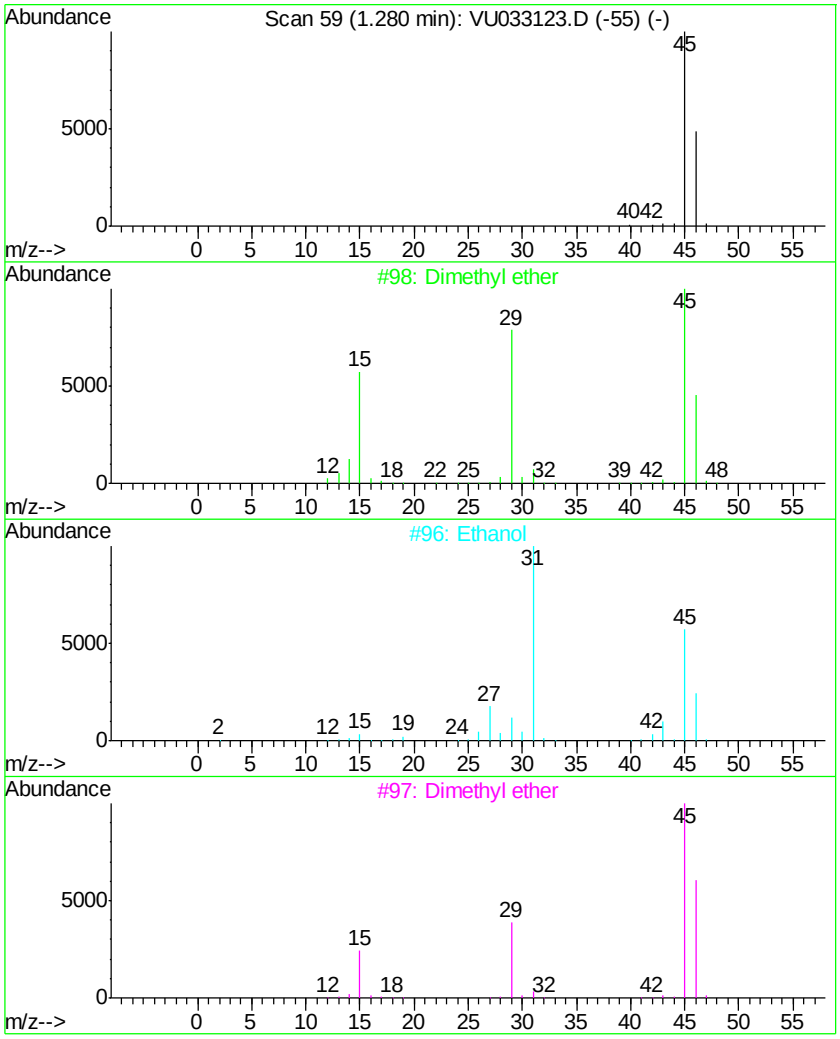
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

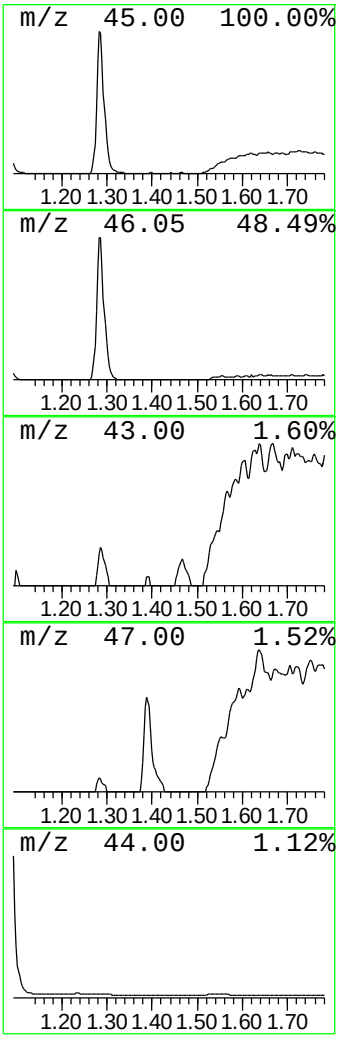
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	3.49 ug/L	39154	1,4-Difluorobenzene	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Ethanol	46	C2H6O	000064-17-5	9
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	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
Dimethyl ether	1.28	3.5	ug/L	39154	1	5.87	561724	50.0