LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033122.D
Acq On : 01 Jul 2019 18:10
Operator : JC/SP
Sample : K3599-09
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM18

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	68	rBV	28122	29188	3.49%	0.433%
2	1.389	86	93	108	rBV	69123	87232	10.44%	1.294%
3	2.219	342	351	366	rVB	167774	255807	30.61%	3.795%
4	2.588	464	466	468	rBV2	337	173	0.02%	0.003%
5	2.772	521	523	528	rBV3	199	143	0.02%	0.002%
6	2.823	531	539	542	rBV3	962	1502	0.18%	0.022%
7	2.881	552	557	561	rBV3	377	404	0.05%	0.006%
8	2.907	561	565	567	rBV	275	176	0.02%	0.003%
9	2.968	580	584	586	rBV	244	182	0.02%	0.003%
10	3.132	634	635	640	rVB	240	160	0.02%	0.002%
11	3.164	640	645	647	rBV	202	170	0.02%	0.003%
12	3.180	647	650	653	rVV	238	148	0.02%	0.002%
13	3.254	670	673	676	rBV	144	133	0.02%	0.002%
14	3.280	678	681	682	rBV	287	136	0.02%	0.002%
15	3.392	713	716	718	rBV2	278	212	0.03%	0.003%
16	3.469	736	740	742	rBV2	117	100	0.01%	0.001%
17	3.562	767	769	774	rVB	426	263	0.03%	0.004%
18	3.588	774	777	779	rBV	213	124	0.01%	0.002%
19	3.649	794	796	800	rBV2	126	103	0.01%	0.002%
20	3.698	809	811	813	rVB	194	84	0.01%	0.001%
21	3.720	813	818	819	rVV	176	139	0.02%	0.002%
22	3.739	819	824	828	rVV2	281	331	0.04%	0.005%
23	3.762	829	831	833	rVB	266	89	0.01%	0.001%
24	3.794	833	841	847	rBV3	391	433	0.05%	0.006%
25	3.878	863	867	868	rVB2	386	204	0.02%	0.003%
26	3.913	874	878	880	rBV	241	174	0.02%	0.003%
27	3.948	886	889	894	rBV	274	269	0.03%	0.004%
28	4.064	921	925	929	rBV2	233	209	0.03%	0.003%
29	4.103	934	937	938	rBV2	210	98	0.01%	0.001%
30	4.125	942	944	950	rVB2	157	156	0.02%	0.002%
31	4.193	953	965	987	rBV	62330	212955	25.49%	3.159%
32	4.633	1086	1102	1122	rBV	138680	342649	41.01%	5.083%
33	4.984	1209	1211	1214	rBV	150	82	0.01%	0.001%
34	5.025	1220	1224	1225	rBV2	136	105	0.01%	0.002%

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Instrument : MSVOA_U
ClientSampleId : GAM18

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\SOMULM061719WMA.M
Title : VOC Analysis

35	5.093	1243	1245	1248	rVV	281	188	0.02%	0.003%
36	5.138	1257	1259	1262	rBV	178	82	0.01%	0.001%
37	5.218	1281	1284	1286	rBV2	213	126	0.02%	0.002%
38	5.238	1288	1290	1292	rVB2	232	91	0.01%	0.001%
39	5.321	1295	1316	1346	rVV2	292149	835567	100.00%	12.396%
40	5.566	1390	1392	1397	rVB2	272	189	0.02%	0.003%
41	5.614	1401	1407	1409	rBV2	640	670	0.08%	0.010%
42	5.675	1422	1426	1429	rBV	185	150	0.02%	0.002%
43	5.717	1435	1439	1446	rVB2	211	198	0.02%	0.003%
44	5.749	1446	1449	1450	rBV	187	118	0.01%	0.002%
45	5.874	1475	1488	1510	rBV	264438	543806	65.08%	8.068%
46	6.041	1538	1540	1542	rBV2	315	160	0.02%	0.002%
47	6.112	1559	1562	1566	rBV3	282	240	0.03%	0.004%
48	6.164	1569	1578	1592	rVV5	5043	10222	1.22%	0.152%
49	6.254	1598	1606	1611	rBV2	361	480	0.06%	0.007%
50	6.321	1612	1627	1650	rBV	184316	390454	46.73%	5.793%
51	6.598	1711	1713	1719	rBV3	401	408	0.05%	0.006%
52	6.630	1720	1723	1728	rVV3	282	264	0.03%	0.004%
53	6.717	1746	1750	1751	rBV	153	112	0.01%	0.002%
54	6.778	1766	1769	1772	rVB2	169	118	0.01%	0.002%
55	6.797	1772	1775	1776	rBV	154	108	0.01%	0.002%
56	6.816	1779	1781	1786	rVB	350	206	0.02%	0.003%
57	6.842	1786	1789	1791	rBV	156	99	0.01%	0.001%
58	6.877	1791	1800	1802	rBV5	2087	3177	0.38%	0.047%
59	6.932	1815	1817	1822	rBV2	440	354	0.04%	0.005%
60	6.990	1832	1835	1837	rBV	171	108	0.01%	0.002%
61	7.006	1838	1840	1843	rVV	154	109	0.01%	0.002%
62	7.045	1846	1852	1855	rBV	308	272	0.03%	0.004%
63	7.122	1875	1876	1880	rBV	153	87	0.01%	0.001%
64	7.221	1894	1907	1932	rBV	96533	191155	22.88%	2.836%
65	7.379	1954	1956	1958	rBV2	452	300	0.04%	0.004%
66	7.476	1983	1986	1987	rBV	175	90	0.01%	0.001%
67	7.485	1987	1989	1996	rVB2	542	423	0.05%	0.006%
68	7.556	1996	2011	2032	rBV	353269	634743	75.97%	9.417%
69	7.736	2065	2067	2068	rBV	262	86	0.01%	0.001%
70	7.845	2090	2101	2129	rBV	67215	134560	16.10%	1.996%
71	8.157	2189	2198	2200	rBV2	438	627	0.08%	0.009%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
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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

72	8.215	2213	2216	2217	rBV2	313	159	0.02%	0.002%
73	8.225	2217	2219	2223	rVB2	531	359	0.04%	0.005%
74	8.321	2236	2249	2289	rBV	217790	494661	59.20%	7.339%
75	8.681	2359	2361	2362	rBV	298	155	0.02%	0.002%
76	8.723	2372	2374	2378	rBV3	390	253	0.03%	0.004%
77	8.990	2454	2457	2458	rBV2	149	87	0.01%	0.001%
78	9.029	2465	2469	2474	rBV2	249	296	0.04%	0.004%
79	9.086	2474	2487	2510	rBV	394386	706484	84.55%	10.481%
80	9.295	2548	2552	2556	rBV3	381	317	0.04%	0.005%
81	9.376	2573	2577	2579	rBV2	448	379	0.05%	0.006%
82	9.437	2588	2596	2610	rVB3	5256	8724	1.04%	0.129%
83	9.540	2624	2628	2630	rBV	221	189	0.02%	0.003%
84	9.620	2650	2653	2657	rBV2	270	193	0.02%	0.003%
85	9.736	2687	2689	2690	rBV2	257	127	0.02%	0.002%
86	9.771	2698	2700	2701	rBV	352	164	0.02%	0.002%
87	9.848	2719	2724	2727	rBV2	492	383	0.05%	0.006%
88	9.903	2736	2741	2744	rBV2	471	450	0.05%	0.007%
89	10.090	2795	2799	2801	rBV3	384	288	0.03%	0.004%
90	10.241	2843	2846	2847	rBV2	268	125	0.01%	0.002%
91	10.311	2867	2868	2871	rBV	207	136	0.02%	0.002%
92	10.350	2877	2880	2884	rBV4	524	445	0.05%	0.007%
93	10.430	2892	2905	2927	rBV	299383	494910	59.23%	7.342%
94	10.810	3014	3023	3039	rVB2	20259	31570	3.78%	0.468%
95	10.871	3039	3042	3046	rBV2	284	289	0.03%	0.004%
96	11.144	3125	3127	3128	rBV	261	109	0.01%	0.002%
97	11.186	3138	3140	3142	rBV	270	140	0.02%	0.002%
98	11.482	3220	3232	3254	rBV	420655	691116	82.71%	10.253%
99	11.858	3338	3349	3374	rBV	370483	623030	74.56%	9.243%
100	12.784	3635	3637	3644	rBV3	406	424	0.05%	0.006%

Sum of corrected areas: 6740442

LSC Report - Integrated Chromatogram

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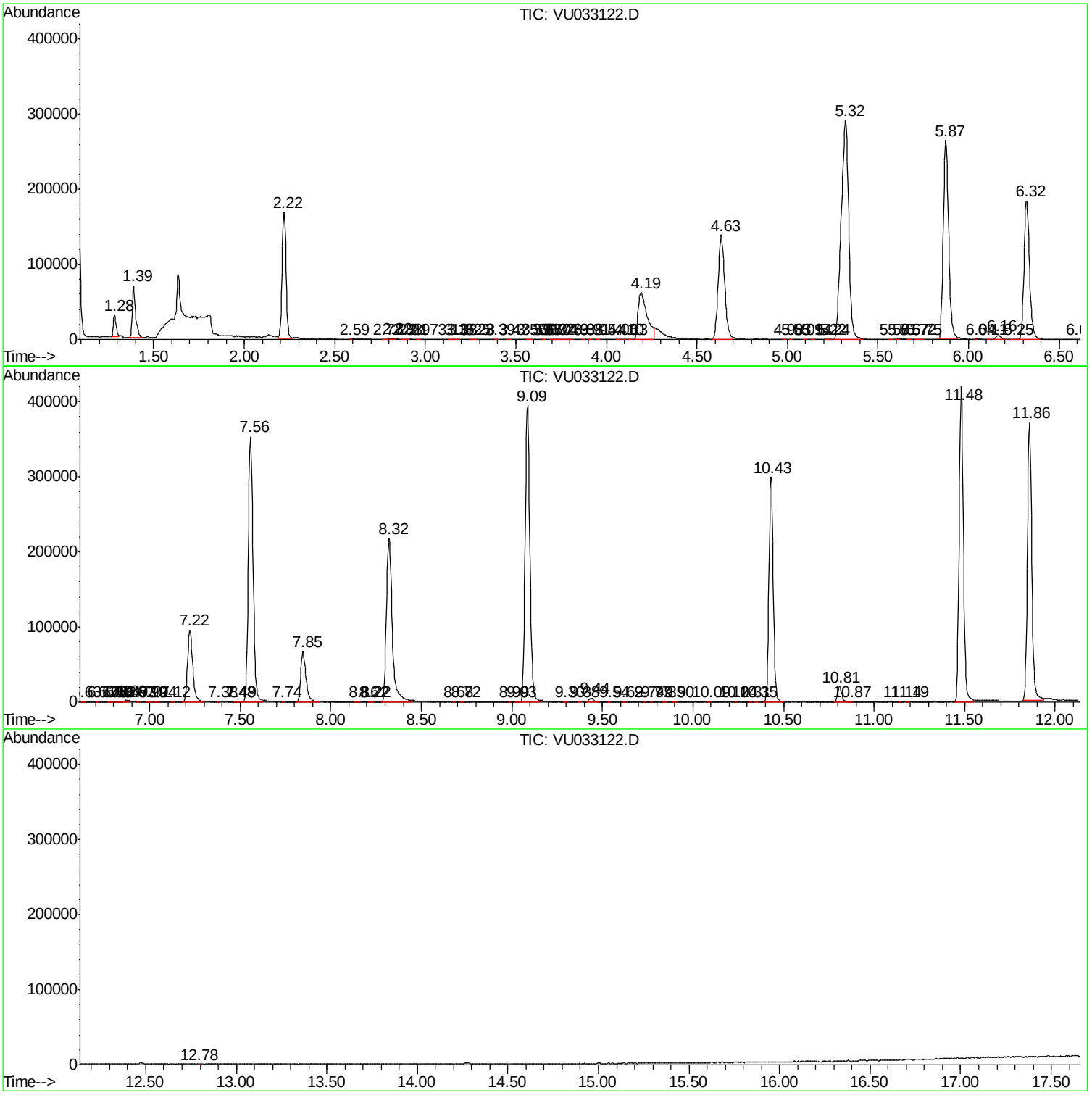
Instrument : MSVOA_U
ClientSampleId : GAM18

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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Operator : JC/SP
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Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM18

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

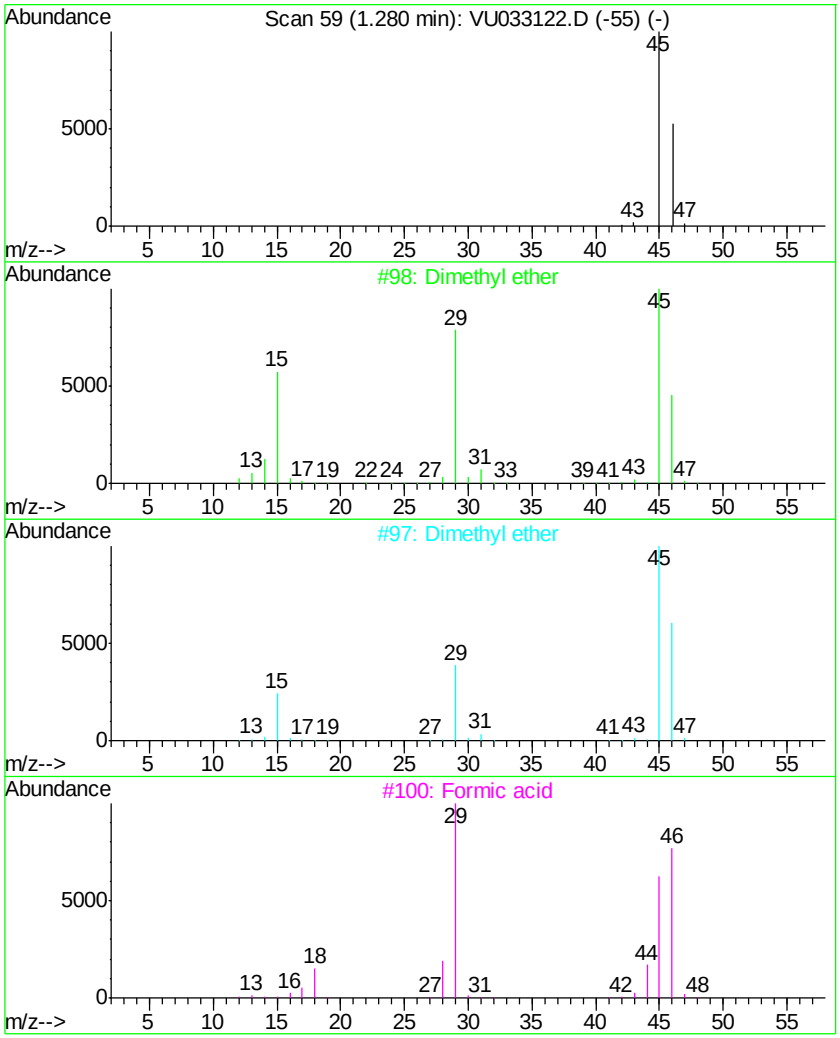
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

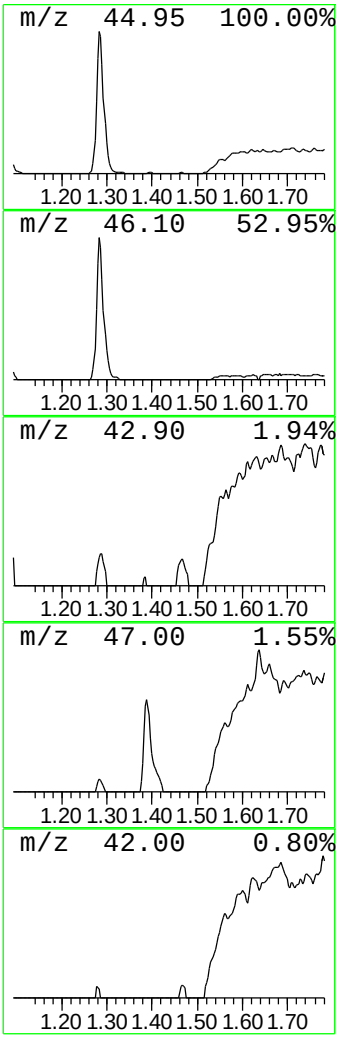
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	2.68 ug/L	29188	1,4-Difluorobenzene	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Formic acid	46	CH2O2	000064-18-6	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	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
Dimethyl ether	1.28	2.7	ug/L	29188	1	5.87	543806	50.0