LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033110.D
Acq On : 01 Jul 2019 13:12
Operator : JC/SP
Sample : K3599-22
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM29

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	1.286	55	61	81	rVB	30490	38970	4.59%	0.562%
2	1.389	86	93	112	rVB	72089	93167	10.97%	1.345%
3	1.550	130	143	144	rBV3	14969	20995	2.47%	0.303%
4	1.637	165	170	186	rVB	60207	68722	8.09%	0.992%
5	2.222	341	352	366	rVB	180767	271278	31.95%	3.916%
6	2.469	427	429	435	rVB2	246	182	0.02%	0.003%
7	2.550	449	454	456	rBV	451	359	0.04%	0.005%
8	2.617	472	475	487	rVV3	730	1048	0.12%	0.015%
9	2.678	487	494	498	rVV4	733	997	0.12%	0.014%
10	2.711	502	504	508	rVB2	254	180	0.02%	0.003%
11	2.775	521	524	528	rBV3	411	259	0.03%	0.004%
12	2.820	528	538	548	rBV3	2444	5439	0.64%	0.079%
13	2.942	573	576	579	rVB3	379	272	0.03%	0.004%
14	2.965	582	583	587	rVB	503	274	0.03%	0.004%
15	2.993	587	592	595	rBV2	360	299	0.04%	0.004%
16	3.026	597	602	604	rBV2	261	176	0.02%	0.003%
17	3.196	652	655	658	rVB	291	193	0.02%	0.003%
18	3.366	704	708	713	rBV	318	255	0.03%	0.004%
19	3.447	730	733	736	rVB2	325	240	0.03%	0.003%
20	3.489	741	746	751	rBV2	192	179	0.02%	0.003%
21	3.781	834	837	841	rBV2	209	196	0.02%	0.003%
22	3.923	878	881	889	rVB2	238	313	0.04%	0.005%
23	4.080	926	930	934	rBV	263	232	0.03%	0.003%
24	4.106	934	938	943	rVB2	252	286	0.03%	0.004%
25	4.193	953	965	1029	rBV	59180	254573	29.98%	3.674%
26	4.546	1071	1075	1077	rVB2	285	180	0.02%	0.003%
27	4.563	1077	1080	1083	rVB	409	244	0.03%	0.004%
28	4.633	1083	1102	1137	rBV	139986	356144	41.94%	5.141%
29	4.813	1153	1158	1159	rBV2	467	389	0.05%	0.006%
30	4.871	1174	1176	1177	rBV	447	229	0.03%	0.003%
31	4.919	1188	1191	1195	rVB	532	373	0.04%	0.005%
32	4.952	1195	1201	1204	rBV2	276	377	0.04%	0.005%
33	5.116	1247	1252	1255	rBV2	225	241	0.03%	0.003%
34	5.321	1295	1316	1345	rBV3	294924	849177	100.00%	12.257%

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Instrument : MSVOA_U
ClientSampleId : GAM29

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

35	5.534	1378	1382	1384	rBV	285	226	0.03%	0.003%
36	5.579	1393	1396	1400	rBV	230	180	0.02%	0.003%
37	5.704	1431	1435	1437	rBV2	239	192	0.02%	0.003%
38	5.800	1461	1465	1469	rVV2	302	290	0.03%	0.004%
39	5.874	1474	1488	1521	rVV	255773	526492	62.00%	7.599%
40	6.054	1538	1544	1549	rVB6	472	473	0.06%	0.007%
41	6.093	1553	1556	1559	rVB2	327	179	0.02%	0.003%
42	6.122	1561	1565	1569	rBV2	390	312	0.04%	0.005%
43	6.164	1569	1578	1593	rVB5	5001	10045	1.18%	0.145%
44	6.260	1605	1608	1613	rVV3	296	270	0.03%	0.004%
45	6.321	1613	1627	1659	rVB2	188088	396610	46.71%	5.725%
46	6.437	1659	1663	1665	rBV2	345	191	0.02%	0.003%
47	6.460	1665	1670	1673	rVB4	390	350	0.04%	0.005%
48	6.553	1692	1699	1703	rBV3	192	274	0.03%	0.004%
49	6.604	1711	1715	1719	rBV2	439	450	0.05%	0.006%
50	6.881	1791	1801	1816	rBV9	1747	4461	0.53%	0.064%
51	7.000	1835	1838	1842	rBV2	180	196	0.02%	0.003%
52	7.109	1866	1872	1876	rVB2	241	288	0.03%	0.004%
53	7.151	1879	1885	1886	rBV	260	210	0.02%	0.003%
54	7.222	1894	1907	1933	rBV	98342	193143	22.74%	2.788%
55	7.392	1955	1960	1963	rBV4	735	740	0.09%	0.011%
56	7.479	1985	1987	1994	rVB	249	180	0.02%	0.003%
57	7.556	1999	2011	2033	rBV	361129	653635	76.97%	9.434%
58	7.710	2056	2059	2062	rBV2	393	326	0.04%	0.005%
59	7.845	2090	2101	2129	rBV	69084	137278	16.17%	1.981%
60	8.173	2193	2203	2211	rBV4	624	1236	0.15%	0.018%
61	8.222	2211	2218	2227	rVB6	3809	6423	0.76%	0.093%
62	8.321	2233	2249	2281	rBV	225511	482038	56.77%	6.958%
63	8.614	2338	2340	2345	rVB2	494	387	0.05%	0.006%
64	8.640	2345	2348	2351	rBV	348	226	0.03%	0.003%
65	8.710	2366	2370	2371	rBV	344	239	0.03%	0.003%
66	8.932	2436	2439	2442	rVB	367	239	0.03%	0.003%
67	8.955	2442	2446	2447	rBV2	318	201	0.02%	0.003%
68	9.032	2465	2470	2474	rVB2	224	211	0.02%	0.003%
69	9.086	2474	2487	2515	rBV	390910	690972	81.37%	9.973%
70	9.257	2538	2540	2547	rVB	463	473	0.06%	0.007%
71	9.299	2547	2553	2554	rBV2	241	262	0.03%	0.004%

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ClientSampleId : GAM29

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\SOMULM061719WMA.M
Title : VOC Analysis

72	9.437	2589	2596	2606	rVV4	5615	8175	0.96%	0.118%
73	9.495	2611	2614	2620	rBV2	171	191	0.02%	0.003%
74	9.685	2668	2673	2677	rBV2	221	218	0.03%	0.003%
75	9.717	2677	2683	2685	rBV	342	308	0.04%	0.004%
76	9.849	2721	2724	2730	rBV2	204	235	0.03%	0.003%
77	10.067	2786	2792	2795	rVV3	277	216	0.03%	0.003%
78	10.196	2825	2832	2836	rBV3	492	657	0.08%	0.009%
79	10.225	2839	2841	2846	rVB2	308	237	0.03%	0.003%
80	10.302	2861	2865	2869	rVB3	350	314	0.04%	0.005%
81	10.360	2881	2883	2888	rVB2	403	247	0.03%	0.004%
82	10.430	2892	2905	2923	rBV	306906	498626	58.72%	7.197%
83	10.559	2943	2945	2949	rBV2	279	200	0.02%	0.003%
84	10.601	2956	2958	2967	rVB2	1134	1257	0.15%	0.018%
85	10.646	2970	2972	2977	rVB2	383	289	0.03%	0.004%
86	10.694	2984	2987	2991	rBV	259	263	0.03%	0.004%
87	10.775	3007	3012	3014	rVV	379	368	0.04%	0.005%
88	10.810	3014	3023	3037	rVV2	20489	30950	3.64%	0.447%
89	10.865	3037	3040	3042	rVV2	288	184	0.02%	0.003%
90	10.893	3046	3049	3052	rVB	464	325	0.04%	0.005%
91	11.041	3090	3095	3099	rBV3	247	240	0.03%	0.003%
92	11.183	3136	3139	3145	rVB2	238	225	0.03%	0.003%
93	11.302	3174	3176	3179	rBV	295	196	0.02%	0.003%
94	11.482	3220	3232	3254	rBV	413299	670584	78.97%	9.679%
95	11.858	3336	3349	3368	rBV	376991	635765	74.87%	9.177%
96	12.263	3473	3475	3477	rBV2	360	255	0.03%	0.004%
97	12.440	3527	3530	3533	rBV2	498	339	0.04%	0.005%
98	12.710	3611	3614	3615	rBV	401	228	0.03%	0.003%
99	12.967	3691	3694	3700	rBV3	499	353	0.04%	0.005%
100	15.032	4333	4336	4337	rBV2	651	404	0.05%	0.006%

Sum of corrected areas: 6928185

LSC Report - Integrated Chromatogram

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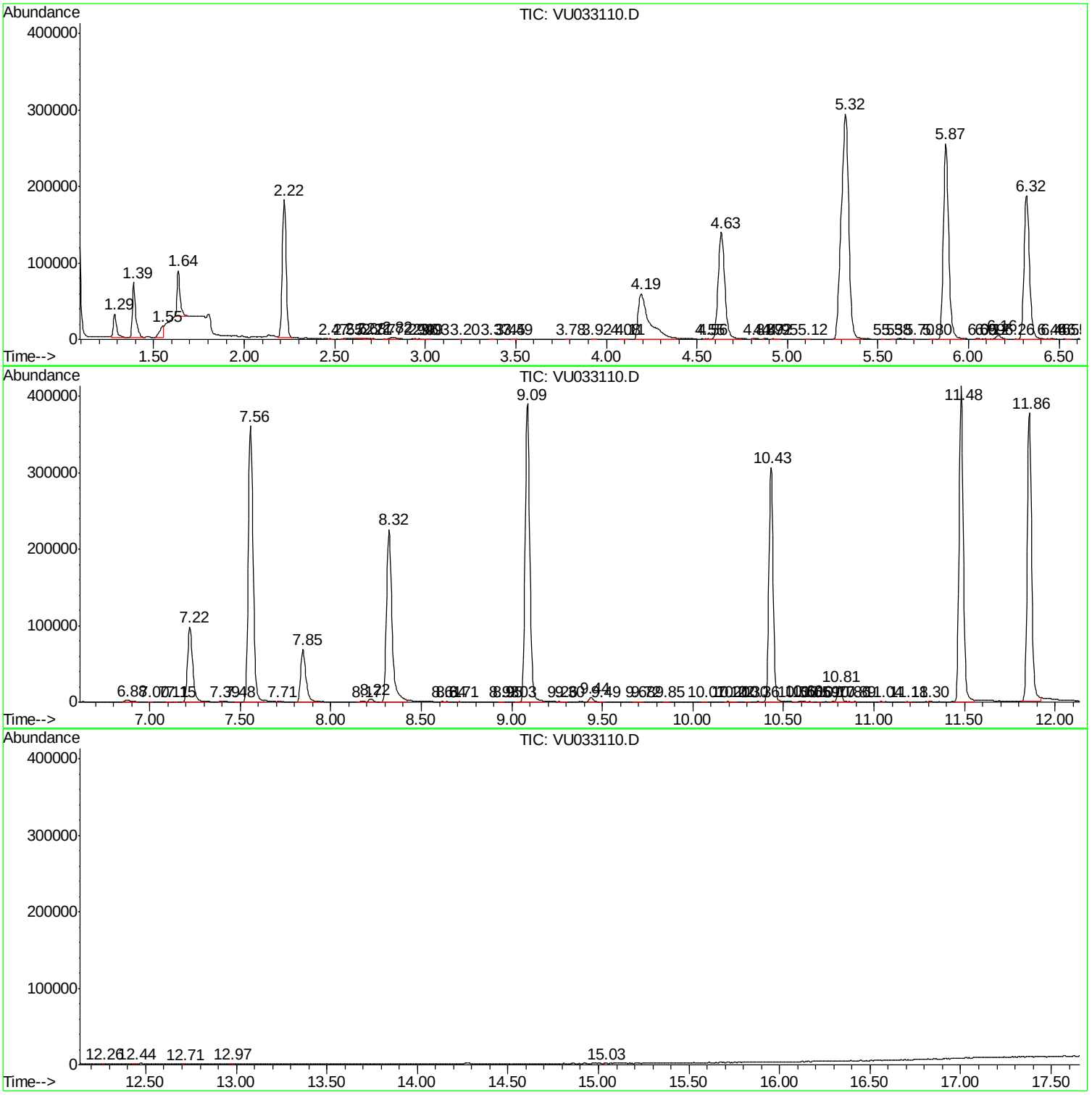
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM29

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 : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM29

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

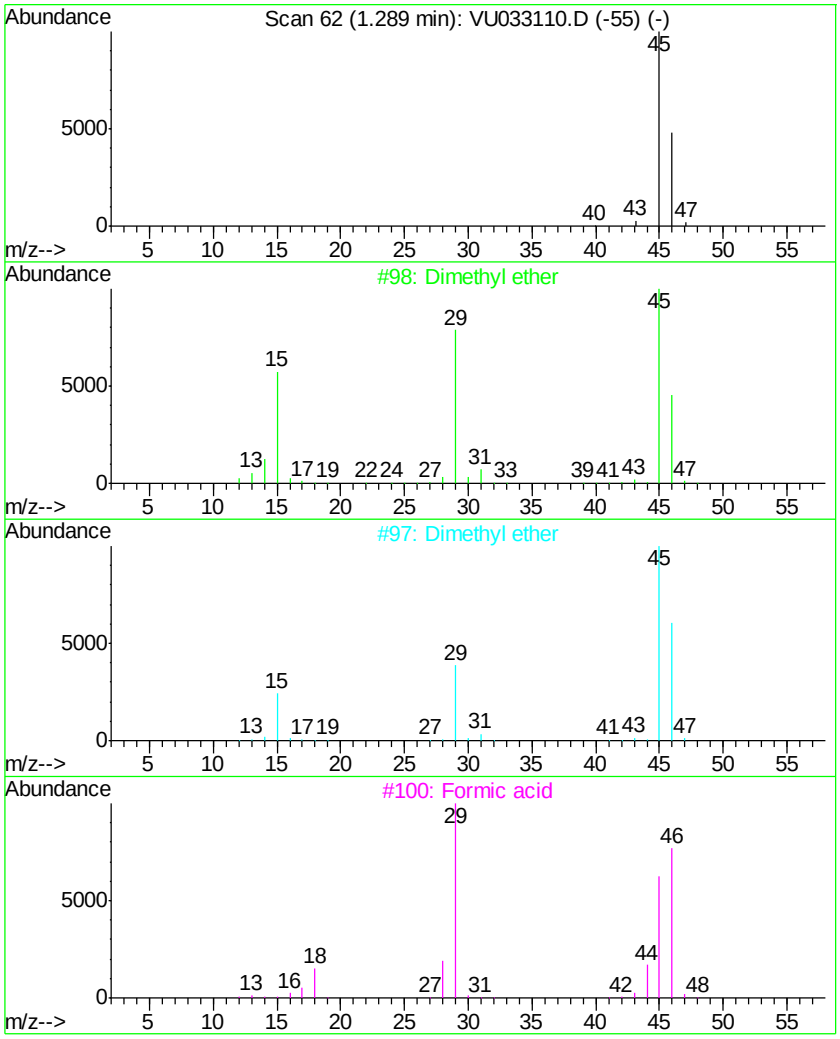
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

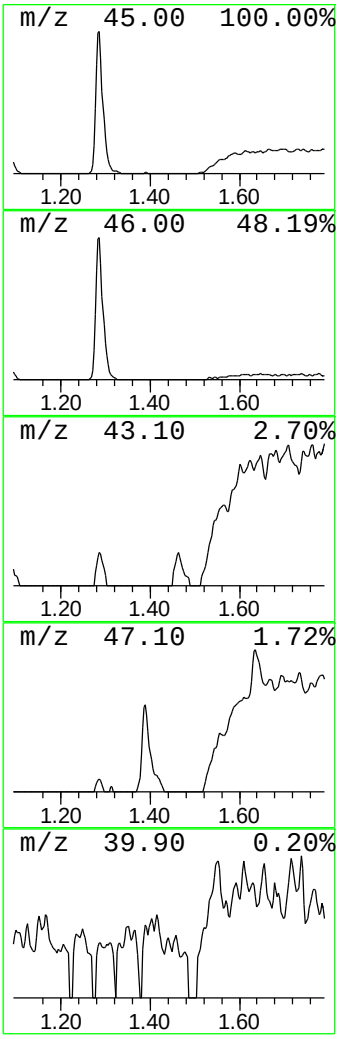
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	3.70 ug/L	38970	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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\
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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	1.29	3.7	ug/L	38970	1	5.87	526492	50.0