LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033111.D
Acq On : 01 Jul 2019 13:35
Operator : JC/SP
Sample : K3599-11
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM20

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	69	rBV	28461	31203	3.49%	0.427%
2	1.389	86	93	108	rVB	78798	96953	10.84%	1.326%
3	1.553	131	144	145	rBV7	15768	22891	2.56%	0.313%
4	1.637	165	170	183	rVB	66895	67137	7.51%	0.918%
5	2.222	341	352	369	rVB	188552	283860	31.75%	3.881%
6	2.604	469	471	474	rVV	278	223	0.02%	0.003%
7	2.627	474	478	483	rVB3	763	823	0.09%	0.011%
8	2.678	492	494	499	rVB4	818	639	0.07%	0.009%
9	2.746	513	515	521	rVB3	442	352	0.04%	0.005%
10	2.778	521	525	528	rBV2	338	278	0.03%	0.004%
11	2.813	529	536	537	rBV2	821	642	0.07%	0.009%
12	2.977	586	587	592	rVB2	457	293	0.03%	0.004%
13	3.045	604	608	611	rVB	237	201	0.02%	0.003%
14	3.087	617	621	625	rBV3	341	266	0.03%	0.004%
15	3.138	629	637	642	rBV3	323	440	0.05%	0.006%
16	3.164	643	645	656	rVB2	205	213	0.02%	0.003%
17	3.376	706	711	716	rVB2	292	263	0.03%	0.004%
18	3.463	734	738	741	rVB2	276	227	0.03%	0.003%
19	3.521	752	756	758	rBV2	322	216	0.02%	0.003%
20	3.553	763	766	769	rVB2	344	212	0.02%	0.003%
21	3.627	781	789	791	rBV2	242	374	0.04%	0.005%
22	3.698	806	811	816	rBV2	378	377	0.04%	0.005%
23	3.797	839	842	849	rBV2	192	244	0.03%	0.003%
24	3.846	854	857	862	rBV2	196	204	0.02%	0.003%
25	3.894	869	872	878	rBV2	171	201	0.02%	0.003%
26	4.029	910	914	917	rBV2	223	233	0.03%	0.003%
27	4.193	953	965	1021	rBV	62030	268533	30.04%	3.672%
28	4.482	1053	1055	1061	rVB2	396	355	0.04%	0.005%
29	4.633	1085	1102	1135	rVV	147015	368409	41.21%	5.037%
30	4.775	1145	1146	1153	rVB3	568	439	0.05%	0.006%
31	4.932	1191	1195	1196	rBV2	296	240	0.03%	0.003%
32	4.977	1206	1209	1212	rVB2	434	340	0.04%	0.005%
33	5.141	1252	1260	1264	rBV2	459	660	0.07%	0.009%
34	5.321	1294	1316	1347	rBV2	315399	894049	100.00%	12.224%

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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
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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	5.460	1356	1359	1363	rVB3	382	285	0.03%	0.004%
36	5.572	1390	1394	1399	rBV3	233	216	0.02%	0.003%
37	5.614	1401	1407	1410	rBV4	570	545	0.06%	0.007%
38	5.874	1474	1488	1512	rBV	276037	565027	63.20%	7.726%
39	6.119	1561	1564	1567	rVB	305	222	0.02%	0.003%
40	6.167	1567	1579	1591	rBV4	4858	10754	1.20%	0.147%
41	6.238	1598	1601	1603	rBV3	367	212	0.02%	0.003%
42	6.263	1607	1609	1612	rVB3	512	319	0.04%	0.004%
43	6.321	1612	1627	1651	rBV2	195818	416057	46.54%	5.689%
44	6.444	1661	1665	1666	rBV2	374	251	0.03%	0.003%
45	6.601	1710	1714	1715	rBV	222	201	0.02%	0.003%
46	6.614	1716	1718	1723	rVB2	289	219	0.02%	0.003%
47	6.781	1768	1770	1775	rVB3	421	328	0.04%	0.004%
48	6.874	1790	1799	1800	rBV3	1774	2205	0.25%	0.030%
49	6.958	1823	1825	1829	rBV	368	249	0.03%	0.003%
50	7.177	1883	1893	1895	rBV	256	453	0.05%	0.006%
51	7.222	1895	1907	1931	rBV	105451	206601	23.11%	2.825%
52	7.398	1957	1962	1966	rBV4	570	642	0.07%	0.009%
53	7.556	1998	2011	2029	rBV	383191	687227	76.87%	9.396%
54	7.845	2090	2101	2125	rBV	74113	144529	16.17%	1.976%
55	7.977	2137	2142	2146	rBB4	245	209	0.02%	0.003%
56	8.038	2153	2161	2163	rBV2	173	226	0.03%	0.003%
57	8.170	2193	2202	2210	rBV3	874	1331	0.15%	0.018%
58	8.225	2212	2219	2226	rVB5	2389	3048	0.34%	0.042%
59	8.254	2226	2228	2234	rVB2	306	264	0.03%	0.004%
60	8.321	2234	2249	2289	rBV	236170	510236	57.07%	6.976%
61	8.665	2350	2356	2360	rBV2	313	392	0.04%	0.005%
62	8.906	2425	2431	2434	rBV3	306	343	0.04%	0.005%
63	9.087	2473	2487	2519	rBV	411180	734401	82.14%	10.041%
64	9.398	2581	2584	2587	rVB	391	277	0.03%	0.004%
65	9.437	2588	2596	2606	rBV3	5702	8950	1.00%	0.122%
66	9.572	2633	2638	2641	rBV2	388	349	0.04%	0.005%
67	9.630	2654	2656	2660	rVV2	338	261	0.03%	0.004%
68	9.665	2664	2667	2672	rBV	232	214	0.02%	0.003%
69	9.710	2675	2681	2683	rVB2	365	353	0.04%	0.005%
70	9.733	2683	2688	2689	rBV2	284	219	0.02%	0.003%
71	9.755	2691	2695	2698	rVB3	302	240	0.03%	0.003%

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Instrument : MSVOA_U
ClientSampleId : GAM20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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

72	9.852	2722	2725	2731	rBV3	290	312	0.03%	0.004%
73	10.003	2769	2772	2778	rVB3	332	330	0.04%	0.005%
74	10.154	2816	2819	2822	rBV	303	215	0.02%	0.003%
75	10.238	2841	2845	2849	rVB3	356	317	0.04%	0.004%
76	10.431	2892	2905	2929	rBV	319777	520601	58.23%	7.118%
77	10.595	2951	2956	2958	rBV2	721	521	0.06%	0.007%
78	10.672	2977	2980	2985	rVB3	492	481	0.05%	0.007%
79	10.768	3004	3010	3013	rBV3	375	417	0.05%	0.006%
80	10.810	3013	3023	3037	rVV2	22705	33724	3.77%	0.461%
81	10.865	3038	3040	3045	rVV2	379	288	0.03%	0.004%
82	10.945	3061	3065	3067	rBV3	358	300	0.03%	0.004%
83	10.961	3067	3070	3074	rVB2	309	252	0.03%	0.003%
84	11.038	3092	3094	3097	rVB	506	294	0.03%	0.004%
85	11.067	3097	3103	3104	rBV2	341	350	0.04%	0.005%
86	11.183	3134	3139	3140	rBV2	234	206	0.02%	0.003%
87	11.244	3156	3158	3164	rVB	313	263	0.03%	0.004%
88	11.289	3170	3172	3175	rVB2	383	245	0.03%	0.003%
89	11.308	3175	3178	3181	rBV	364	253	0.03%	0.003%
90	11.331	3181	3185	3188	rBV2	288	292	0.03%	0.004%
91	11.411	3207	3210	3216	rVB3	376	413	0.05%	0.006%
92	11.482	3220	3232	3253	rBV	446016	722785	80.84%	9.883%
93	11.858	3336	3349	3377	rBV	405043	686782	76.82%	9.390%
94	12.398	3514	3517	3519	rBV2	394	271	0.03%	0.004%
95	12.475	3534	3541	3548	rVB	1560	2186	0.24%	0.030%
96	12.614	3581	3584	3589	rBV2	441	317	0.04%	0.004%
97	12.729	3617	3620	3625	rBV2	640	568	0.06%	0.008%
98	12.791	3636	3639	3641	rBV2	467	346	0.04%	0.005%
99	12.845	3653	3656	3658	rBV2	479	329	0.04%	0.004%
100	12.942	3684	3686	3688	rVB	463	202	0.02%	0.003%

Sum of corrected areas: 7313705

LSC Report - Integrated Chromatogram

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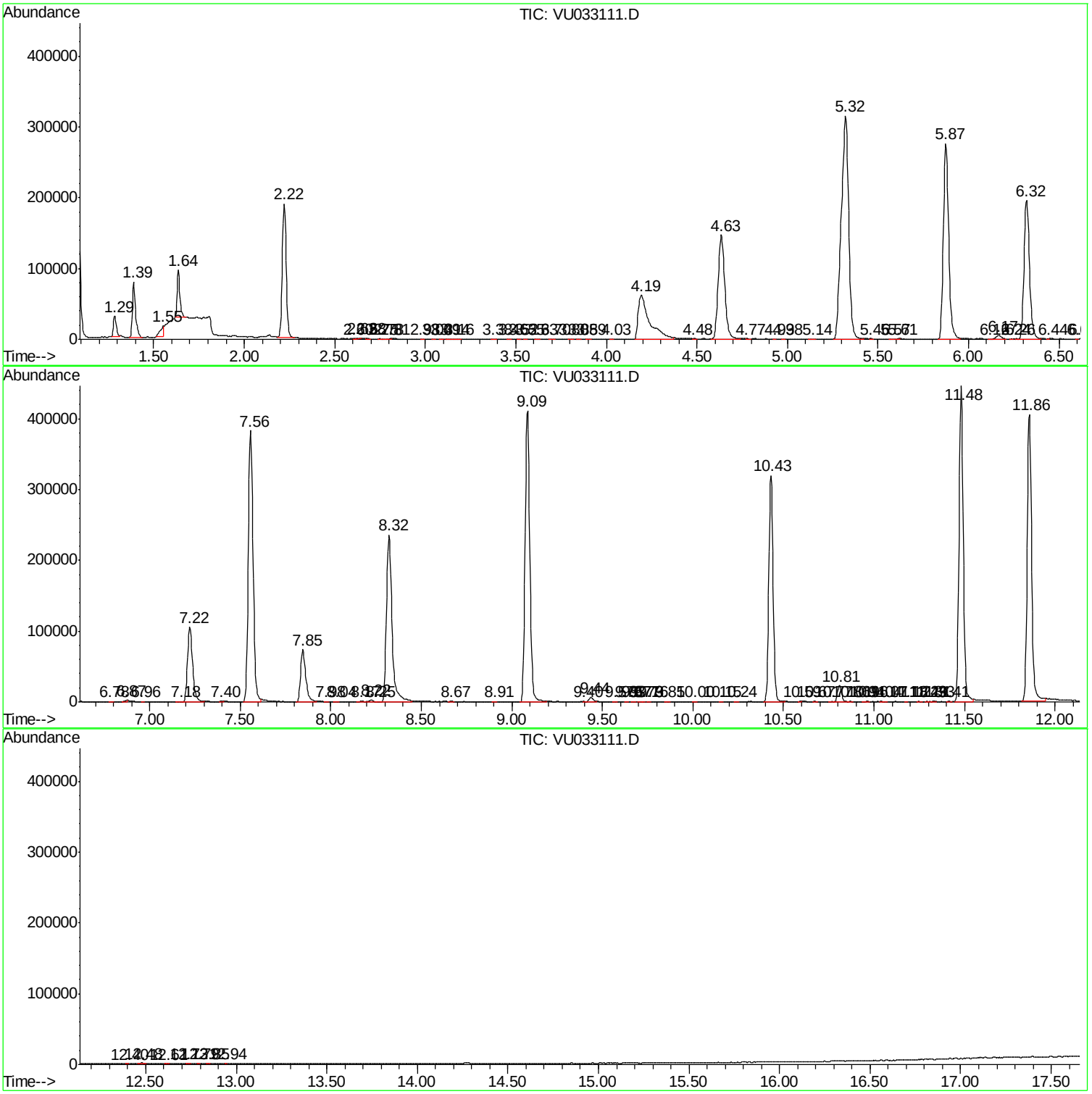
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM20

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



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Instrument : MSVOA_U
ClientSampleId : GAM20

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

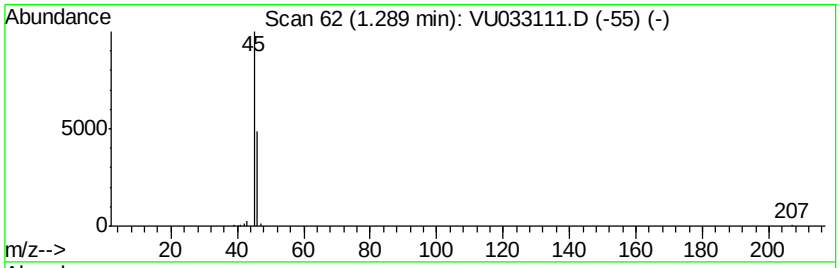
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

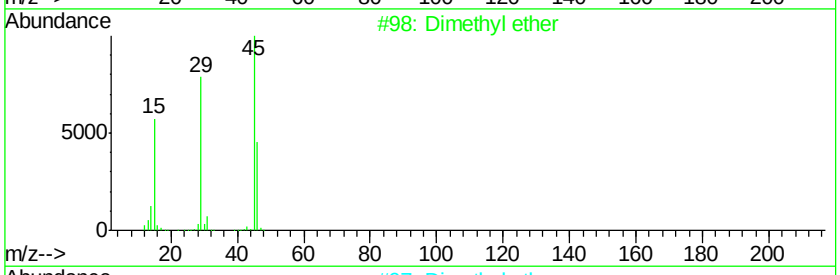
****

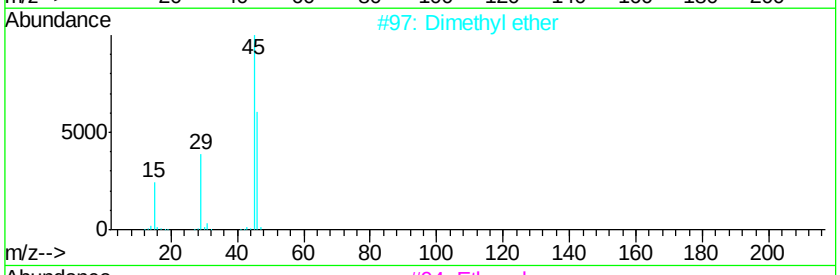
Peak Number 1 Dimethyl ether Concentration Rank 2

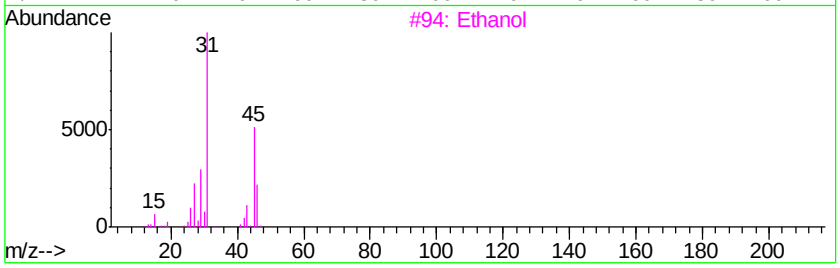
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	2.76 ug/L	31203	1,4-Difluorobenzene	5.87

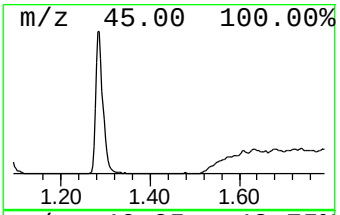
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5

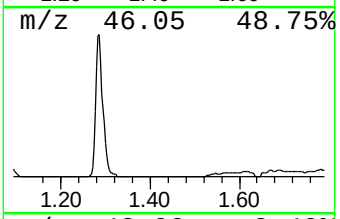


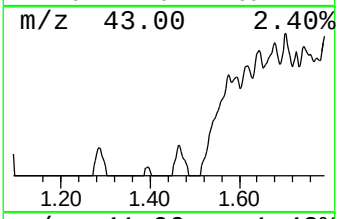


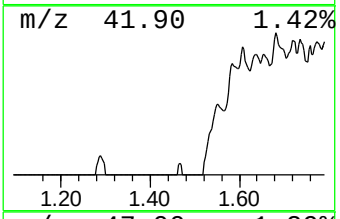


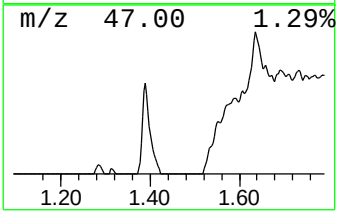












Tentatively Identified Compound (LSC) summary

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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	1.29	2.8	ug/L	31203	1	5.87	565027	50.0