LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
Data File : VU037027.D
Acq On : 03 Mar 2020 16:32
Operator : JC/MD
Sample : L1746-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY5

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\SOMULM022420WMA.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	1.613	78	85	97	rBV	154342	162553	15.18%	2.050%
2	1.928	176	183	201	rVB	136077	176049	16.44%	2.220%
3	2.591	377	389	403	rBV	219736	354613	33.11%	4.472%
4	2.790	440	451	464	rBV	18975	35111	3.28%	0.443%
5	2.948	498	500	502	rBV	232	100	0.01%	0.001%
6	2.961	502	504	508	rBV	217	146	0.01%	0.002%
7	3.002	515	517	520	rBV2	153	90	0.01%	0.001%
8	3.131	554	557	558	rBV	137	80	0.01%	0.001%
9	3.224	575	586	598	rVB5	2384	5273	0.49%	0.066%
10	3.295	605	608	613	rVB2	261	230	0.02%	0.003%
11	3.456	656	658	660	rBV2	144	97	0.01%	0.001%
12	3.552	681	688	690	rBV2	244	357	0.03%	0.005%
13	3.613	704	707	709	rBV	152	115	0.01%	0.001%
14	3.639	712	715	721	rVB2	196	163	0.02%	0.002%
15	3.662	721	722	725	rBV	103	52	0.00%	0.001%
16	3.713	733	738	739	rBV	201	147	0.01%	0.002%
17	3.777	755	758	760	rBV	131	76	0.01%	0.001%
18	3.867	782	786	787	rBV	229	154	0.01%	0.002%
19	3.890	787	793	796	rVB2	252	295	0.03%	0.004%
20	3.909	796	799	804	rBV	225	214	0.02%	0.003%
21	4.006	827	829	832	rVV	132	54	0.01%	0.001%
22	4.047	839	842	844	rBV	189	118	0.01%	0.001%
23	4.099	856	858	860	rBV2	154	90	0.01%	0.001%
24	4.186	882	885	888	rVB	250	185	0.02%	0.002%
25	4.205	888	891	894	rVB2	224	131	0.01%	0.002%
26	4.227	894	898	901	rBV	233	158	0.01%	0.002%
27	4.305	919	922	926	rVB	287	209	0.02%	0.003%
28	4.327	926	929	932	rBV2	181	108	0.01%	0.001%
29	4.343	932	934	937	rBV	137	94	0.01%	0.001%
30	4.369	939	942	947	rVB	176	149	0.01%	0.002%
31	4.420	951	958	959	rBV	222	237	0.02%	0.003%
32	4.446	963	966	968	rVB	187	89	0.01%	0.001%
33	4.462	968	971	973	rBV2	164	118	0.01%	0.001%
34	4.478	973	976	980	rBV	251	221	0.02%	0.003%

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Sample : L1746-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY5

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\SOMULM022420WMA.M
Title : VOC Analysis

35	4.514	984	987	989	rBV2	178	105	0.01%	0.001%
36	4.571	1001	1005	1007	rBV2	156	113	0.01%	0.001%
37	4.671	1021	1036	1059	rBV	101665	238847	22.30%	3.012%
38	4.993	1133	1136	1137	rBV	293	140	0.01%	0.002%
39	5.031	1147	1148	1150	rBV	163	81	0.01%	0.001%
40	5.105	1154	1171	1191	rVV	185371	402738	37.61%	5.079%
41	5.305	1230	1233	1234	rBV	227	92	0.01%	0.001%
42	5.420	1267	1269	1272	rBV	130	81	0.01%	0.001%
43	5.475	1284	1286	1290	rVB	187	85	0.01%	0.001%
44	5.491	1290	1291	1293	rBV	102	42	0.00%	0.001%
45	5.533	1301	1304	1305	rBV	258	133	0.01%	0.002%
46	5.588	1319	1321	1323	rBV2	215	121	0.01%	0.002%
47	5.633	1332	1335	1337	rBV	153	104	0.01%	0.001%
48	5.684	1348	1351	1353	rVB	188	121	0.01%	0.002%
49	5.761	1353	1375	1399	rBV2	407589	1070860	100.00%	13.504%
50	6.282	1522	1537	1562	rBV	348383	651965	60.88%	8.222%
51	6.568	1615	1626	1641	rVB6	10880	22774	2.13%	0.287%
52	6.723	1660	1674	1697	rBV	254242	495623	46.28%	6.250%
53	6.899	1726	1729	1731	rBV2	318	192	0.02%	0.002%
54	6.944	1741	1743	1744	rBV	239	94	0.01%	0.001%
55	7.018	1763	1766	1769	rBV2	181	160	0.01%	0.002%
56	7.115	1793	1796	1799	rBV	198	153	0.01%	0.002%
57	7.157	1805	1809	1810	rBV2	218	147	0.01%	0.002%
58	7.211	1816	1826	1832	rBV5	2393	3931	0.37%	0.050%
59	7.340	1863	1866	1868	rVB	157	72	0.01%	0.001%
60	7.378	1874	1878	1881	rBV	258	235	0.02%	0.003%
61	7.423	1888	1892	1895	rBV2	214	234	0.02%	0.003%
62	7.465	1903	1905	1909	rVB	215	132	0.01%	0.002%
63	7.497	1910	1915	1916	rBV	184	167	0.02%	0.002%
64	7.523	1922	1923	1924	rBV	274	86	0.01%	0.001%
65	7.594	1932	1945	1967	rBV	129541	227079	21.21%	2.864%
66	7.838	2017	2021	2024	rBV	239	190	0.02%	0.002%
67	7.870	2029	2031	2033	rVB	177	60	0.01%	0.001%
68	7.925	2033	2048	2070	rBV	490601	843885	78.80%	10.642%
69	8.157	2118	2120	2123	rVB	209	94	0.01%	0.001%
70	8.205	2123	2135	2153	rBV	89158	151464	14.14%	1.910%
71	8.356	2179	2182	2186	rBV3	356	275	0.03%	0.003%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY5

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\SOMULM022420WMA.M
Title : VOC Analysis

72	8.407	2194	2198	2202	rBV	201	158	0.01%	0.002%
73	8.439	2203	2208	2212	rBV2	232	238	0.02%	0.003%
74	8.661	2264	2277	2322	rBV	258301	521381	48.69%	6.575%
75	8.883	2345	2346	2347	rBV	245	50	0.00%	0.001%
76	8.928	2358	2360	2363	rBV	202	143	0.01%	0.002%
77	9.018	2385	2388	2392	rBV	347	273	0.03%	0.003%
78	9.121	2416	2420	2424	rBV2	250	236	0.02%	0.003%
79	9.140	2424	2426	2429	rVV	184	89	0.01%	0.001%
80	9.179	2435	2438	2444	rVB2	214	197	0.02%	0.002%
81	9.211	2445	2448	2452	rBV	262	234	0.02%	0.003%
82	9.266	2462	2465	2468	rBV2	159	109	0.01%	0.001%
83	9.439	2504	2519	2554	rBV	480698	800784	74.78%	10.099%
84	9.568	2556	2559	2563	rBV2	161	134	0.01%	0.002%
85	9.610	2569	2572	2573	rBV	293	152	0.01%	0.002%
86	9.764	2618	2620	2622	rBV	177	109	0.01%	0.001%
87	9.822	2633	2638	2643	rBV2	252	373	0.03%	0.005%
88	10.282	2778	2781	2783	rBV	239	148	0.01%	0.002%
89	10.417	2820	2823	2826	rVB	283	181	0.02%	0.002%
90	10.436	2826	2829	2830	rBV	220	98	0.01%	0.001%
91	10.500	2847	2849	2850	rBV	189	86	0.01%	0.001%
92	10.558	2864	2867	2870	rBV2	241	209	0.02%	0.003%
93	10.600	2878	2880	2881	rBV	198	86	0.01%	0.001%
94	10.709	2911	2914	2915	rBV2	165	94	0.01%	0.001%
95	10.774	2922	2934	2951	rBV	318198	513905	47.99%	6.481%
96	11.465	3146	3149	3150	rBV	149	66	0.01%	0.001%
97	11.828	3249	3262	3280	rVB	366100	603298	56.34%	7.608%
98	12.153	3352	3363	3367	rBV2	285	587	0.05%	0.007%
99	12.208	3367	3380	3397	rVB	384554	635518	59.35%	8.014%
100	13.565	3798	3802	3804	rBV	347	206	0.02%	0.003%

Sum of corrected areas: 7929693

LSC Report - Integrated Chromatogram

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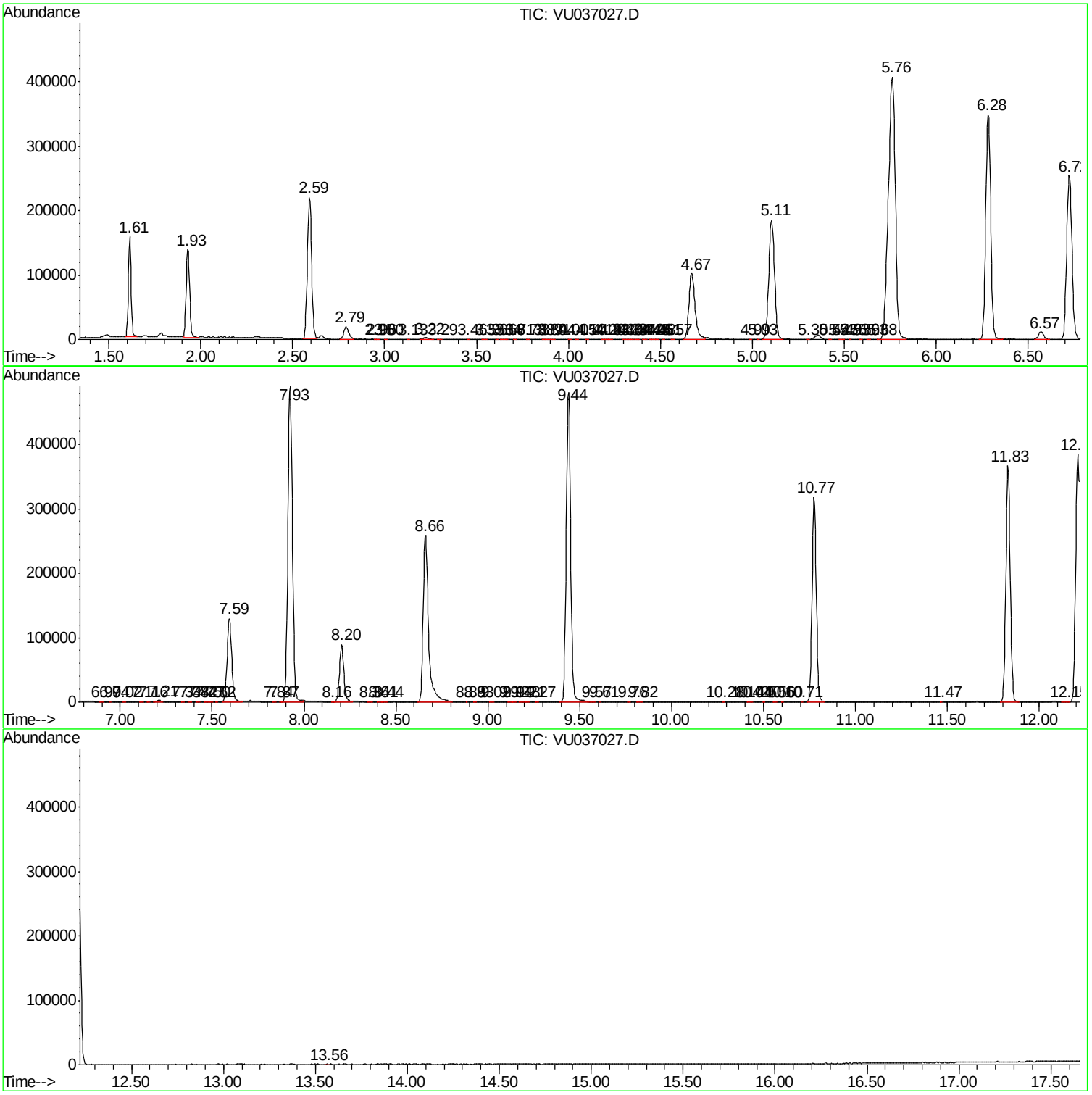
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_U
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Quant Title : VOC Analysis

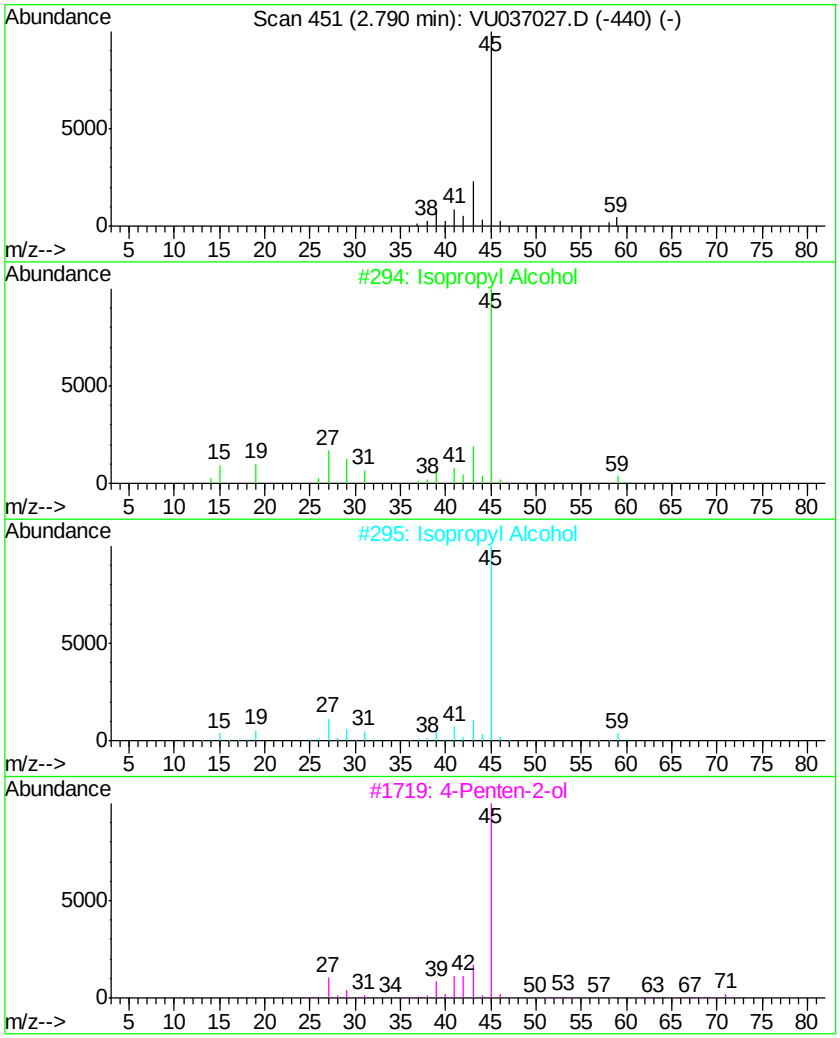
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

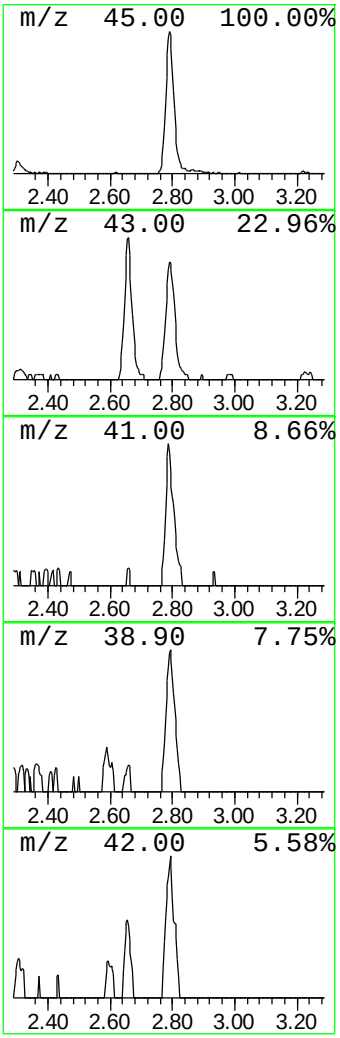
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	2.69 ug/L	35111	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
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
unknown-01	2.79	2.7	ug/L	35111	1	6.28	651965	50.0