LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
Data File : VU037024.D
Acq On : 03 Mar 2020 15:23
Operator : JC/MD
Sample : L1746-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY2

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	rVB	157626	166388	2.30%	1.077%
2	1.928	176	183	196	rVB	135323	172825	2.38%	1.118%
3	2.591	377	389	405	rBV	227437	382737	5.28%	2.477%
4	2.790	442	451	465	rBV	19324	34311	0.47%	0.222%
5	3.150	559	563	567	rBV2	217	234	0.00%	0.002%
6	3.170	567	569	575	rVV2	311	309	0.00%	0.002%
7	3.221	575	585	598	rBV	2630	5388	0.07%	0.035%
8	3.337	618	621	630	rVB2	244	387	0.01%	0.003%
9	3.372	630	632	633	rBV	145	76	0.00%	0.000%
10	3.379	633	634	635	rVV	308	82	0.00%	0.001%
11	3.388	635	637	641	rVV2	349	219	0.00%	0.001%
12	3.411	641	644	647	rVV2	160	124	0.00%	0.001%
13	3.430	647	650	652	rVB2	155	84	0.00%	0.001%
14	3.658	719	721	725	rBV2	222	182	0.00%	0.001%
15	3.700	731	734	736	rBV2	147	107	0.00%	0.001%
16	3.780	756	759	766	rVB2	213	268	0.00%	0.002%
17	3.912	789	800	808	rBV2	1252	2314	0.03%	0.015%
18	3.980	819	821	823	rVB	195	98	0.00%	0.001%
19	4.018	829	833	834	rBV	262	172	0.00%	0.001%
20	4.044	838	841	844	rBV2	194	115	0.00%	0.001%
21	4.063	844	847	849	rBV2	205	156	0.00%	0.001%
22	4.092	853	856	858	rBV2	184	140	0.00%	0.001%
23	4.173	877	881	884	rBV2	268	220	0.00%	0.001%
24	4.189	884	886	890	rBV2	228	198	0.00%	0.001%
25	4.215	892	894	895	rBV	144	79	0.00%	0.001%
26	4.330	926	930	932	rBV	215	163	0.00%	0.001%
27	4.372	939	943	946	rBV2	232	138	0.00%	0.001%
28	4.391	946	949	954	rBV2	224	195	0.00%	0.001%
29	4.459	967	970	971	rBV	225	155	0.00%	0.001%
30	4.668	1021	1035	1069	rBV2	106987	339039	4.68%	2.194%
31	4.899	1104	1107	1112	rBV3	262	240	0.00%	0.002%
32	5.005	1135	1140	1144	rBV2	276	308	0.00%	0.002%
33	5.105	1154	1171	1195	rBV	188992	414066	5.71%	2.679%
34	5.253	1214	1217	1222	rBV2	390	367	0.01%	0.002%

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY2

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	5.292	1226	1229	1233	rBV	276	289	0.00%	0.002%
36	5.353	1233	1248	1266	rVV2	49479	111497	1.54%	0.721%
37	5.462	1278	1282	1285	rBV2	154	122	0.00%	0.001%
38	5.526	1300	1302	1305	rVB	203	94	0.00%	0.001%
39	5.549	1305	1309	1310	rBV	150	85	0.00%	0.001%
40	5.613	1325	1329	1333	rBV2	242	180	0.00%	0.001%
41	5.632	1333	1335	1339	rVB	208	103	0.00%	0.001%
42	5.761	1353	1375	1407	rVV2	417792	1087717	15.00%	7.038%
43	6.121	1482	1487	1491	rBV	417	413	0.01%	0.003%
44	6.147	1491	1495	1501	rVB2	563	587	0.01%	0.004%
45	6.176	1501	1504	1505	rBV2	374	184	0.00%	0.001%
46	6.189	1505	1508	1509	rBV2	293	161	0.00%	0.001%
47	6.282	1522	1537	1564	rBV	350873	651318	8.98%	4.215%
48	6.443	1584	1587	1590	rBV2	271	161	0.00%	0.001%
49	6.575	1611	1628	1656	rBV	3968939	7249770	100.00%	46.912%
50	6.722	1664	1674	1694	rVB	256702	499246	6.89%	3.231%
51	6.941	1739	1742	1747	rBV3	303	277	0.00%	0.002%
52	6.964	1747	1749	1753	rVB2	174	148	0.00%	0.001%
53	6.989	1754	1757	1760	rBV2	300	174	0.00%	0.001%
54	7.025	1764	1768	1772	rVV2	241	255	0.00%	0.002%
55	7.044	1772	1774	1779	rVB	254	165	0.00%	0.001%
56	7.102	1789	1792	1796	rBV2	199	193	0.00%	0.001%
57	7.211	1818	1826	1832	rBV3	2458	3490	0.05%	0.023%
58	7.282	1844	1848	1850	rBV	203	130	0.00%	0.001%
59	7.301	1850	1854	1857	rVV2	275	239	0.00%	0.002%
60	7.404	1884	1886	1890	rVB2	307	134	0.00%	0.001%
61	7.594	1933	1945	1967	rBV	134606	233463	3.22%	1.511%
62	7.767	1996	1999	2004	rBV4	340	282	0.00%	0.002%
63	7.816	2011	2014	2017	rBV	288	182	0.00%	0.001%
64	7.925	2032	2048	2067	rBV	493447	848446	11.70%	5.490%
65	8.205	2123	2135	2155	rBV	90707	152805	2.11%	0.989%
66	8.311	2166	2168	2173	rVB2	418	363	0.01%	0.002%
67	8.427	2201	2204	2206	rBV2	270	128	0.00%	0.001%
68	8.574	2242	2250	2255	rVB5	1111	1548	0.02%	0.010%
69	8.603	2256	2259	2262	rVB	199	141	0.00%	0.001%
70	8.658	2263	2276	2320	rBV	273864	539414	7.44%	3.490%
71	8.861	2337	2339	2344	rBV2	157	103	0.00%	0.001%

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY2

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	8.918	2355	2357	2360	rVB2	155	93	0.00%	0.001%
73	8.941	2361	2364	2368	rBV2	173	136	0.00%	0.001%
74	8.960	2368	2370	2373	rBV	182	136	0.00%	0.001%
75	8.983	2374	2377	2379	rBV	181	113	0.00%	0.001%
76	9.195	2441	2443	2446	rBV2	165	132	0.00%	0.001%
77	9.234	2453	2455	2460	rBV	204	160	0.00%	0.001%
78	9.285	2467	2471	2473	rBV2	246	220	0.00%	0.001%
79	9.439	2505	2519	2554	rVB	477796	794760	10.96%	5.143%
80	9.565	2554	2558	2559	rBV2	314	205	0.00%	0.001%
81	9.603	2566	2570	2571	rBV2	209	170	0.00%	0.001%
82	9.648	2582	2584	2587	rBV	212	87	0.00%	0.001%
83	9.671	2587	2591	2594	rBV2	225	214	0.00%	0.001%
84	9.931	2669	2672	2673	rBV	267	156	0.00%	0.001%
85	10.246	2764	2770	2773	rBV2	254	266	0.00%	0.002%
86	10.282	2776	2781	2782	rBV2	221	157	0.00%	0.001%
87	10.520	2852	2855	2858	rBV2	185	140	0.00%	0.001%
88	10.587	2873	2876	2880	rVB	219	149	0.00%	0.001%
89	10.616	2882	2885	2888	rVB2	229	171	0.00%	0.001%
90	10.635	2888	2891	2896	rVB	193	126	0.00%	0.001%
91	10.661	2896	2899	2900	rBV	191	87	0.00%	0.001%
92	10.774	2921	2934	2953	rBV	321760	518265	7.15%	3.354%
93	10.899	2970	2973	2975	rBV2	281	209	0.00%	0.001%
94	10.951	2986	2989	2992	rBV2	255	174	0.00%	0.001%
95	11.375	3118	3121	3124	rBV	231	178	0.00%	0.001%
96	11.828	3249	3262	3279	rBV	360532	597706	8.24%	3.868%
97	12.079	3338	3340	3341	rBV	449	170	0.00%	0.001%
98	12.208	3367	3380	3396	rBV	385576	633030	8.73%	4.096%
99	12.764	3549	3553	3559	rBV	277	289	0.00%	0.002%
100	13.240	3696	3701	3708	rVB2	365	497	0.01%	0.003%

Sum of corrected areas: 15454087

LSC Report - Integrated Chromatogram

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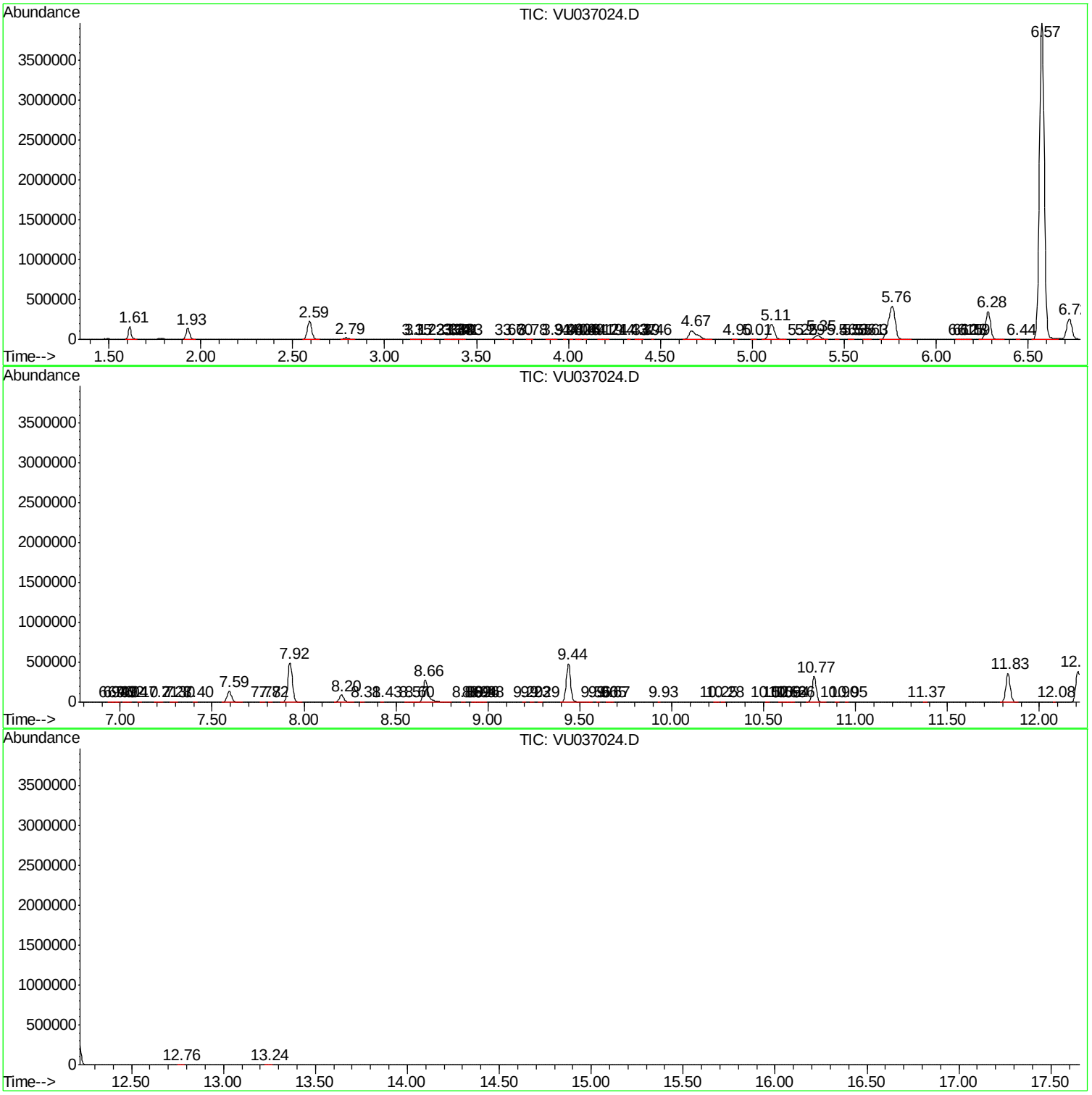
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY2

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
Data File : VU037024.D
Acq On : 03 Mar 2020 15:23
Operator : JC/MD
Sample : L1746-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY2

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

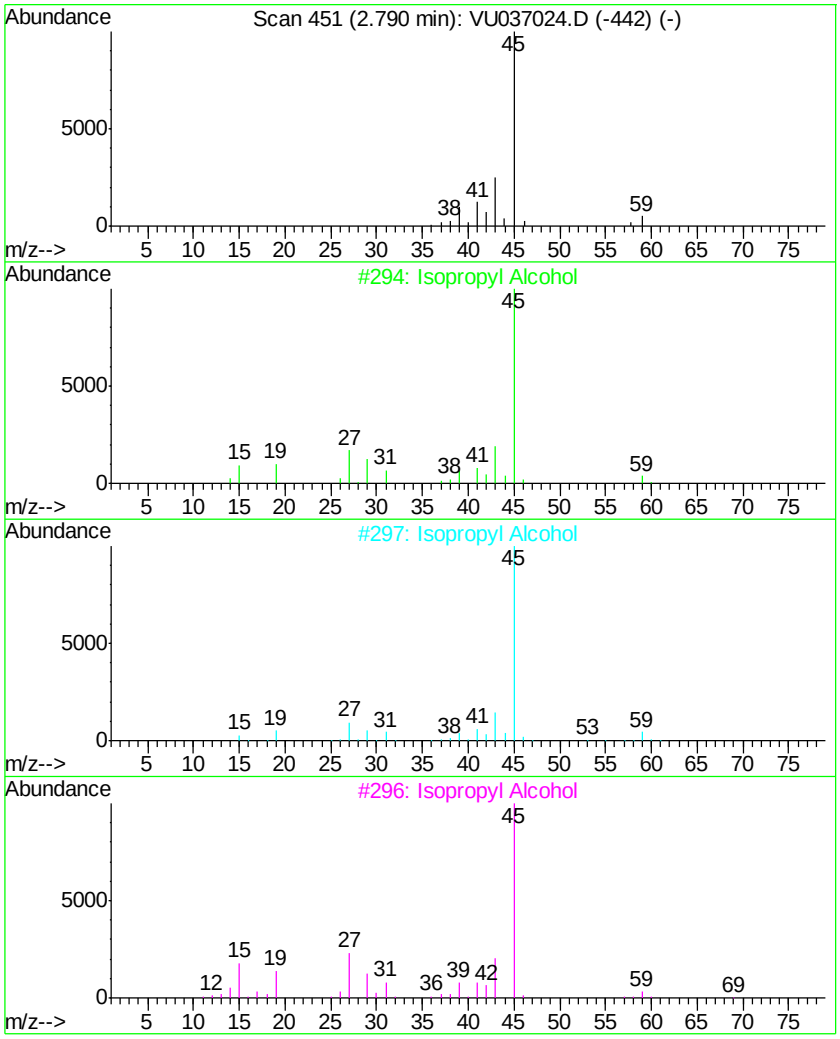
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

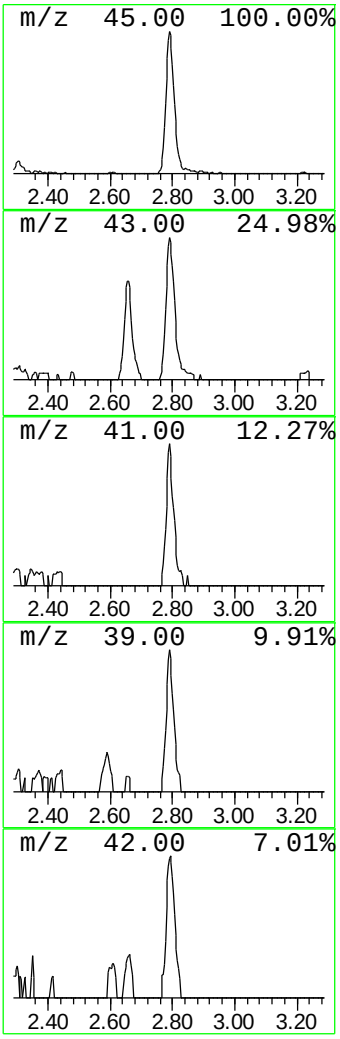
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	2.63 ug/L	34311	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Ethylamine	45	C2H7N	000075-04-7	5
5	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	4





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
Isopropyl Alcohol	2.79	2.6	ug/L	34311	1	6.28	651318	50.0