LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
Data File : VU037026.D
Acq On : 03 Mar 2020 16:09
Operator : JC/MD
Sample : L1746-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY4

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	96	rBV	154552	162896	15.20%	2.023%
2	1.928	176	183	200	rVB	133092	173271	16.17%	2.152%
3	2.591	375	389	403	rBV	219389	364714	34.04%	4.530%
4	2.726	428	431	433	rBV	380	293	0.03%	0.004%
5	2.790	440	451	474	rBV	31728	58510	5.46%	0.727%
6	2.951	498	501	505	rBV	472	316	0.03%	0.004%
7	3.051	530	532	538	rBV	188	132	0.01%	0.002%
8	3.166	565	568	570	rBV	171	125	0.01%	0.002%
9	3.224	573	586	598	rVB3	4237	9296	0.87%	0.115%
10	3.359	624	628	631	rBV2	321	241	0.02%	0.003%
11	3.459	657	659	661	rBV2	180	102	0.01%	0.001%
12	3.594	698	701	703	rBV	251	195	0.02%	0.002%
13	3.645	713	717	719	rBV2	123	99	0.01%	0.001%
14	3.687	727	730	731	rBV	103	52	0.00%	0.001%
15	3.713	734	738	740	rBV2	255	213	0.02%	0.003%
16	3.729	740	743	745	rBV2	204	142	0.01%	0.002%
17	3.809	766	768	770	rBV2	199	118	0.01%	0.001%
18	3.854	780	782	785	rBV	168	122	0.01%	0.002%
19	3.870	785	787	791	rVB2	280	182	0.02%	0.002%
20	3.919	801	802	803	rBV	113	40	0.00%	0.000%
21	3.948	809	811	813	rBV	144	82	0.01%	0.001%
22	3.961	813	815	817	rBV2	108	54	0.01%	0.001%
23	4.041	836	840	844	rBV2	126	113	0.01%	0.001%
24	4.182	881	884	887	rBV	207	120	0.01%	0.001%
25	4.198	887	889	890	rBV	112	42	0.00%	0.001%
26	4.247	900	904	908	rBV	240	142	0.01%	0.002%
27	4.269	908	911	912	rBV	217	153	0.01%	0.002%
28	4.301	918	921	924	rVB	243	174	0.02%	0.002%
29	4.337	928	932	935	rBV2	276	233	0.02%	0.003%
30	4.372	941	943	944	rBV	115	63	0.01%	0.001%
31	4.446	961	966	969	rBV2	222	222	0.02%	0.003%
32	4.472	969	974	976	rBV2	190	173	0.02%	0.002%
33	4.523	985	990	992	rBV	258	214	0.02%	0.003%
34	4.584	1006	1009	1013	rBV	248	159	0.01%	0.002%

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Sample : L1746-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY4

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\SOMULM022420WMA.M
Title : VOC Analysis

35	4.610	1014	1017	1018	rBV	72	41	0.00%	0.001%
36	4.671	1018	1036	1057	rBV	105793	250268	23.36%	3.109%
37	4.935	1115	1118	1123	rBV2	292	187	0.02%	0.002%
38	4.980	1130	1132	1133	rBV	158	85	0.01%	0.001%
39	5.009	1138	1141	1143	rBV	205	144	0.01%	0.002%
40	5.105	1155	1171	1192	rVB	185851	397887	37.14%	4.942%
41	5.260	1218	1219	1222	rBV	338	210	0.02%	0.003%
42	5.305	1231	1233	1234	rBV	173	80	0.01%	0.001%
43	5.356	1234	1249	1271	rVB	46771	105780	9.87%	1.314%
44	5.510	1294	1297	1298	rBV	85	50	0.00%	0.001%
45	5.530	1298	1303	1310	rVB2	274	396	0.04%	0.005%
46	5.565	1311	1314	1316	rBV	128	92	0.01%	0.001%
47	5.649	1337	1340	1343	rBV	115	91	0.01%	0.001%
48	5.665	1343	1345	1351	rVB2	147	116	0.01%	0.001%
49	5.761	1352	1375	1403	rBV2	410769	1071379	100.00%	13.308%
50	6.134	1489	1491	1495	rBV2	325	250	0.02%	0.003%
51	6.221	1517	1518	1521	rBV	256	90	0.01%	0.001%
52	6.282	1521	1537	1556	rBV	334351	629201	58.73%	7.815%
53	6.571	1607	1627	1644	rBV6	23842	49898	4.66%	0.620%
54	6.726	1659	1675	1693	rBV	249734	487929	45.54%	6.061%
55	6.883	1722	1724	1727	rVB	212	78	0.01%	0.001%
56	6.944	1741	1743	1748	rBV2	218	184	0.02%	0.002%
57	6.983	1752	1755	1758	rBV2	225	184	0.02%	0.002%
58	7.047	1773	1775	1778	rVB2	164	94	0.01%	0.001%
59	7.083	1778	1786	1788	rBV2	198	189	0.02%	0.002%
60	7.137	1800	1803	1806	rBV	243	145	0.01%	0.002%
61	7.214	1819	1827	1837	rVB4	2091	3743	0.35%	0.046%
62	7.308	1852	1856	1859	rBV2	219	181	0.02%	0.002%
63	7.362	1870	1873	1875	rBV	205	134	0.01%	0.002%
64	7.533	1919	1926	1928	rBV	86	89	0.01%	0.001%
65	7.594	1928	1945	1968	rBV	129476	228002	21.28%	2.832%
66	7.706	1976	1980	1989	rVB5	1633	1983	0.19%	0.025%
67	7.800	2006	2009	2011	rBV	201	149	0.01%	0.002%
68	7.845	2020	2023	2028	rVB2	220	211	0.02%	0.003%
69	7.925	2033	2048	2067	rBV	495318	841088	78.51%	10.447%
70	8.205	2123	2135	2152	rBV	88644	150058	14.01%	1.864%
71	8.449	2209	2211	2213	rBV	128	87	0.01%	0.001%

LSC Area Percent Report

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Sample : L1746-06
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY4

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	8.491	2219	2224	2229	rBV2	439	652	0.06%	0.008%
73	8.661	2263	2277	2323	rBV	264913	536804	50.10%	6.668%
74	8.980	2373	2376	2378	rBV2	260	155	0.01%	0.002%
75	9.009	2383	2385	2388	rVB2	303	166	0.02%	0.002%
76	9.288	2470	2472	2473	rBV2	152	48	0.00%	0.001%
77	9.333	2484	2486	2488	rBV	145	89	0.01%	0.001%
78	9.439	2505	2519	2538	rBV	460845	775756	72.41%	9.636%
79	9.623	2574	2576	2579	rBV2	301	241	0.02%	0.003%
80	9.803	2618	2632	2649	rVB4	7927	20047	1.87%	0.249%
81	9.870	2650	2653	2659	rVB2	325	335	0.03%	0.004%
82	9.906	2659	2664	2670	rBV2	312	317	0.03%	0.004%
83	10.115	2727	2729	2732	rBV	269	127	0.01%	0.002%
84	10.301	2783	2787	2790	rBV	294	315	0.03%	0.004%
85	10.452	2831	2834	2836	rBV	167	120	0.01%	0.001%
86	10.478	2840	2842	2847	rBV	214	209	0.02%	0.003%
87	10.774	2921	2934	2954	rBV	317535	512898	47.87%	6.371%
88	11.012	3004	3008	3013	rVB2	271	276	0.03%	0.003%
89	11.037	3013	3016	3017	rBV	243	152	0.01%	0.002%
90	11.253	3080	3083	3087	rBV	283	180	0.02%	0.002%
91	11.340	3107	3110	3113	rBV2	229	165	0.02%	0.002%
92	11.401	3126	3129	3130	rBV	280	173	0.02%	0.002%
93	11.590	3185	3188	3190	rBV	146	113	0.01%	0.001%
94	11.828	3249	3262	3284	rVB	348305	579425	54.08%	7.197%
95	11.934	3293	3295	3300	rBV	340	256	0.02%	0.003%
96	11.960	3300	3303	3304	rBV	221	130	0.01%	0.002%
97	12.208	3367	3380	3395	rBV	379547	626770	58.50%	7.785%
98	13.028	3633	3635	3637	rBV	317	200	0.02%	0.002%
99	13.378	3741	3744	3747	rBV2	359	301	0.03%	0.004%
100	15.005	4247	4250	4255	rBV2	612	508	0.05%	0.006%

Sum of corrected areas: 8050704

LSC Report - Integrated Chromatogram

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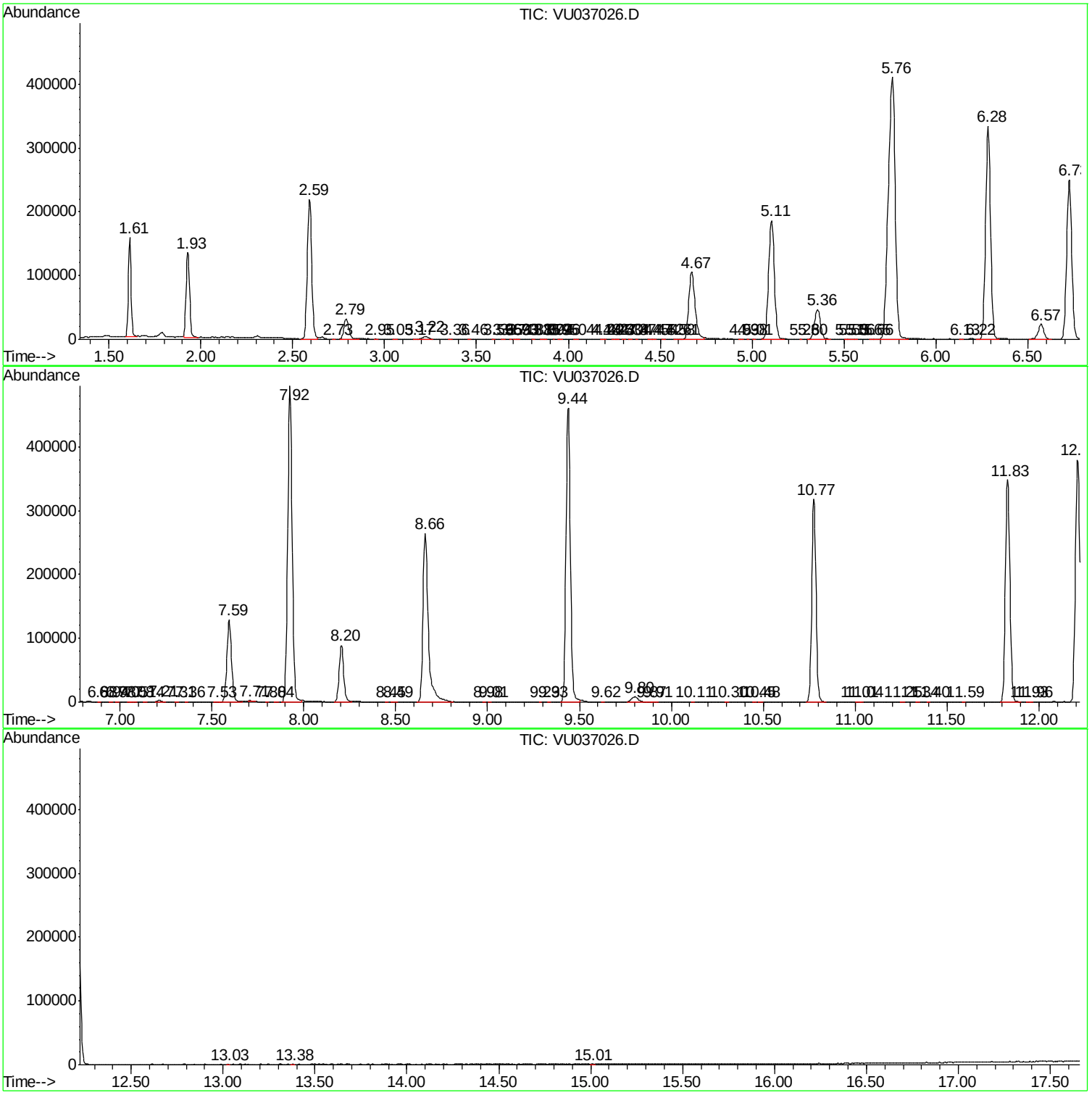
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY4

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 : VU037026.D
Acq On : 03 Mar 2020 16:09
Operator : JC/MD
Sample : L1746-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY4

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

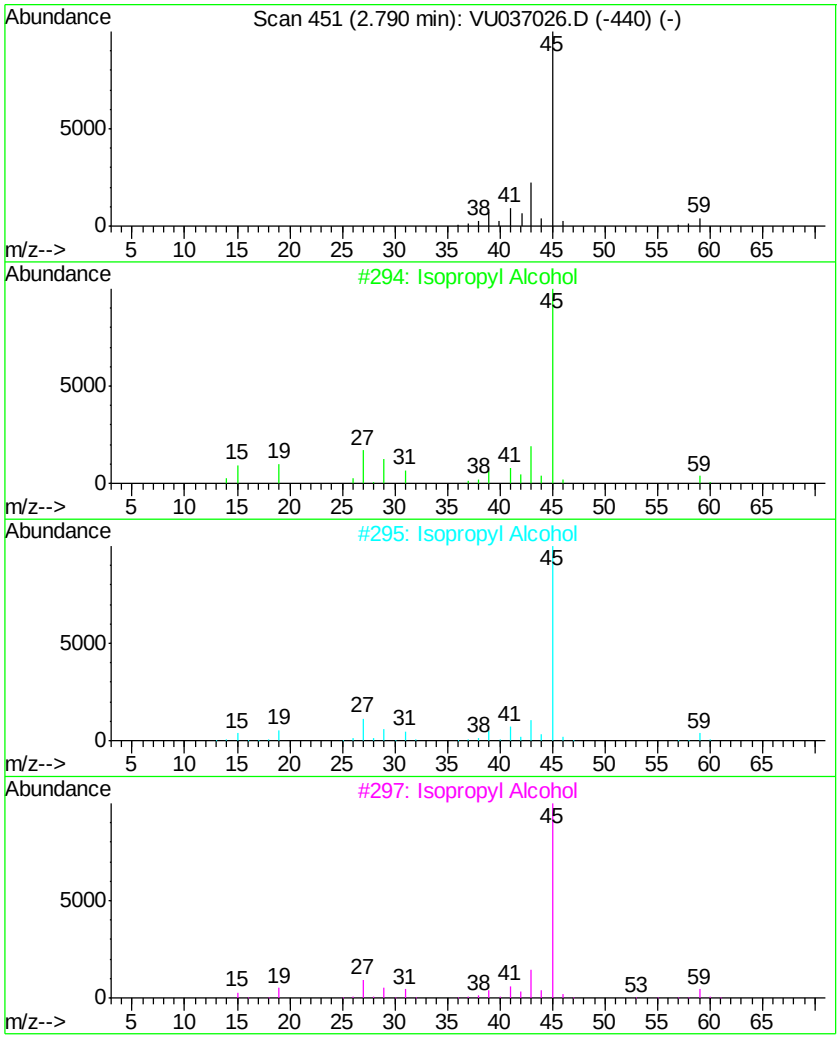
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

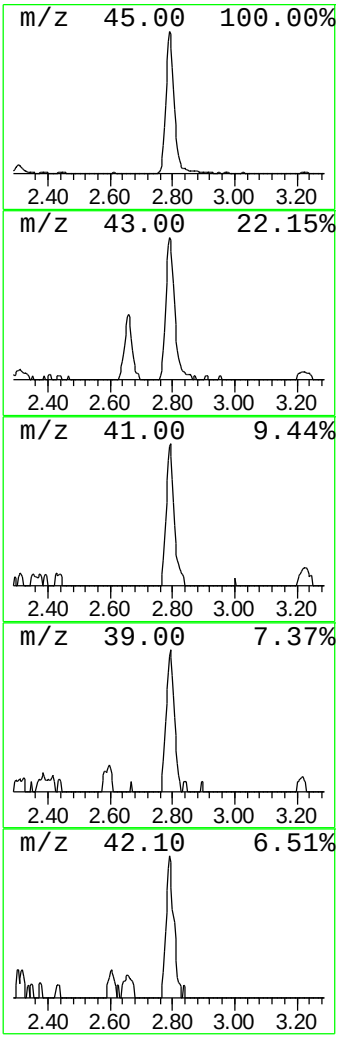
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	4.65 ug/L	58510	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	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
Isopropyl Alcohol	2.79	4.7	ug/L	58510	1	6.28	629201	50.0