LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
Data File : VU037025.D
Acq On : 03 Mar 2020 15:46
Operator : JC/MD
Sample : L1746-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY3

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	98	rBV	153705	163168	2.25%	1.057%
2	1.928	176	183	196	rVB	134927	172694	2.38%	1.119%
3	2.591	377	389	404	rBV	227441	380434	5.23%	2.465%
4	2.735	431	434	437	rBV	356	188	0.00%	0.001%
5	2.790	437	451	470	rBV	20849	39532	0.54%	0.256%
6	2.970	505	507	510	rBV2	285	137	0.00%	0.001%
7	3.073	536	539	546	rVB2	517	528	0.01%	0.003%
8	3.189	572	575	576	rBV2	352	181	0.00%	0.001%
9	3.292	605	607	609	rBV	192	89	0.00%	0.001%
10	3.308	609	612	617	rVB	305	229	0.00%	0.001%
11	3.362	625	629	633	rBV	144	141	0.00%	0.001%
12	3.388	633	637	639	rBV	283	160	0.00%	0.001%
13	3.449	652	656	658	rBV	190	162	0.00%	0.001%
14	3.462	658	660	663	rVB	225	102	0.00%	0.001%
15	3.488	665	668	672	rVV2	193	141	0.00%	0.001%
16	3.507	672	674	678	rVB	264	158	0.00%	0.001%
17	3.668	721	724	727	rBV	221	128	0.00%	0.001%
18	3.687	728	730	736	rVB2	227	159	0.00%	0.001%
19	3.719	737	740	742	rBV	182	86	0.00%	0.001%
20	3.809	764	768	770	rBV	172	117	0.00%	0.001%
21	3.848	777	780	782	rBV2	170	120	0.00%	0.001%
22	3.906	790	798	800	rBV2	996	1270	0.02%	0.008%
23	4.012	827	831	832	rBV	180	138	0.00%	0.001%
24	4.054	840	844	846	rBV2	163	157	0.00%	0.001%
25	4.176	879	882	884	rBV	174	86	0.00%	0.001%
26	4.237	899	901	904	rVB	150	83	0.00%	0.001%
27	4.253	904	906	908	rBV	173	88	0.00%	0.001%
28	4.304	920	922	927	rVB	209	116	0.00%	0.001%
29	4.343	927	934	938	rBV	243	350	0.00%	0.002%
30	4.398	947	951	953	rBV	173	130	0.00%	0.001%
31	4.430	956	961	964	rBV	236	271	0.00%	0.002%
32	4.468	971	973	975	rVB	152	81	0.00%	0.001%
33	4.488	975	979	982	rBV2	179	163	0.00%	0.001%
34	4.555	997	1000	1004	rVB2	242	195	0.00%	0.001%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY3

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	4.581	1004	1008	1016	rBV2	290	423	0.01%	0.003%
36	4.671	1019	1036	1066	rBV2	109068	339971	4.68%	2.202%
37	4.960	1123	1126	1128	rBV	426	330	0.00%	0.002%
38	5.105	1154	1171	1195	rVB	188703	412352	5.67%	2.671%
39	5.356	1233	1249	1267	rBV2	50423	112171	1.54%	0.727%
40	5.462	1279	1282	1284	rBV2	160	111	0.00%	0.001%
41	5.549	1305	1309	1312	rBV	225	246	0.00%	0.002%
42	5.623	1327	1332	1338	rVB2	187	232	0.00%	0.002%
43	5.652	1338	1341	1347	rBV2	249	326	0.00%	0.002%
44	5.761	1354	1375	1395	rBV2	420289	1084836	14.93%	7.028%
45	5.922	1422	1425	1430	rBV2	419	365	0.01%	0.002%
46	5.992	1444	1447	1449	rBV2	219	146	0.00%	0.001%
47	6.092	1476	1478	1482	rBV	160	144	0.00%	0.001%
48	6.282	1523	1537	1556	rBV	346488	644699	8.87%	4.177%
49	6.574	1612	1628	1652	rBV	3980767	7267476	100.00%	47.081%
50	6.726	1664	1675	1694	rVB	252766	493734	6.79%	3.199%
51	6.970	1748	1751	1755	rBV2	271	265	0.00%	0.002%
52	7.050	1774	1776	1779	rVB2	162	91	0.00%	0.001%
53	7.115	1790	1796	1798	rBV2	259	247	0.00%	0.002%
54	7.211	1814	1826	1839	rVB5	2566	4771	0.07%	0.031%
55	7.263	1839	1842	1845	rVB	166	87	0.00%	0.001%
56	7.291	1845	1851	1854	rBV2	318	353	0.00%	0.002%
57	7.330	1860	1863	1865	rVB2	179	117	0.00%	0.001%
58	7.401	1881	1885	1892	rBV2	347	410	0.01%	0.003%
59	7.433	1892	1895	1898	rVB	270	145	0.00%	0.001%
60	7.452	1898	1901	1906	rBV2	274	347	0.00%	0.002%
61	7.507	1914	1918	1924	rVB	274	277	0.00%	0.002%
62	7.536	1924	1927	1929	rBV2	193	126	0.00%	0.001%
63	7.594	1931	1945	1963	rBV	134411	234113	3.22%	1.517%
64	7.709	1975	1981	1987	rBV5	1406	2076	0.03%	0.013%
65	7.812	2010	2013	2016	rBV	219	139	0.00%	0.001%
66	7.857	2024	2027	2031	rBV2	327	264	0.00%	0.002%
67	7.925	2034	2048	2066	rBV	494368	844959	11.63%	5.474%
68	8.205	2121	2135	2156	rBV	90582	153685	2.11%	0.996%
69	8.398	2193	2195	2199	rVB	198	155	0.00%	0.001%
70	8.420	2199	2202	2203	rBV	261	85	0.00%	0.001%
71	8.433	2203	2206	2212	rBV2	418	384	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY3

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	8.574	2245	2250	2257	rVB4	1088	1222	0.02%	0.008%
73	8.661	2263	2277	2308	rBV	270245	531854	7.32%	3.445%
74	9.025	2385	2390	2391	rBV	259	205	0.00%	0.001%
75	9.124	2418	2421	2423	rBV	227	156	0.00%	0.001%
76	9.163	2430	2433	2435	rBV	189	145	0.00%	0.001%
77	9.307	2476	2478	2483	rVB	230	149	0.00%	0.001%
78	9.333	2483	2486	2489	rBV	178	150	0.00%	0.001%
79	9.439	2505	2519	2552	rVB	473952	792154	10.90%	5.132%
80	9.565	2552	2558	2560	rBV	223	284	0.00%	0.002%
81	9.729	2606	2609	2612	rBV2	162	173	0.00%	0.001%
82	9.822	2635	2638	2640	rVB	274	116	0.00%	0.001%
83	9.851	2640	2647	2648	rBV2	246	308	0.00%	0.002%
84	10.266	2774	2776	2779	rBV2	190	118	0.00%	0.001%
85	10.375	2806	2810	2812	rBV2	186	130	0.00%	0.001%
86	10.668	2899	2901	2904	rBV	203	96	0.00%	0.001%
87	10.774	2921	2934	2954	rBV	320087	518902	7.14%	3.362%
88	10.954	2987	2990	2994	rBV	241	137	0.00%	0.001%
89	11.089	3030	3032	3036	rBV2	288	229	0.00%	0.001%
90	11.285	3085	3093	3097	rBV2	348	521	0.01%	0.003%
91	11.764	3238	3242	3249	rBV2	415	434	0.01%	0.003%
92	11.828	3249	3262	3279	rVV	360485	594119	8.18%	3.849%
93	11.902	3283	3285	3288	rVB2	290	123	0.00%	0.001%
94	12.057	3327	3333	3336	rBV2	290	346	0.00%	0.002%
95	12.134	3354	3357	3359	rVB	228	119	0.00%	0.001%
96	12.150	3360	3362	3366	rBV2	243	159	0.00%	0.001%
97	12.208	3367	3380	3399	rVV	380614	630914	8.68%	4.087%
98	12.671	3523	3524	3525	rBV	520	119	0.00%	0.001%
99	13.066	3644	3647	3649	rBV2	432	298	0.00%	0.002%
100	13.941	3918	3919	3920	rBV2	399	121	0.00%	0.001%

Sum of corrected areas: 15436241

LSC Report - Integrated Chromatogram

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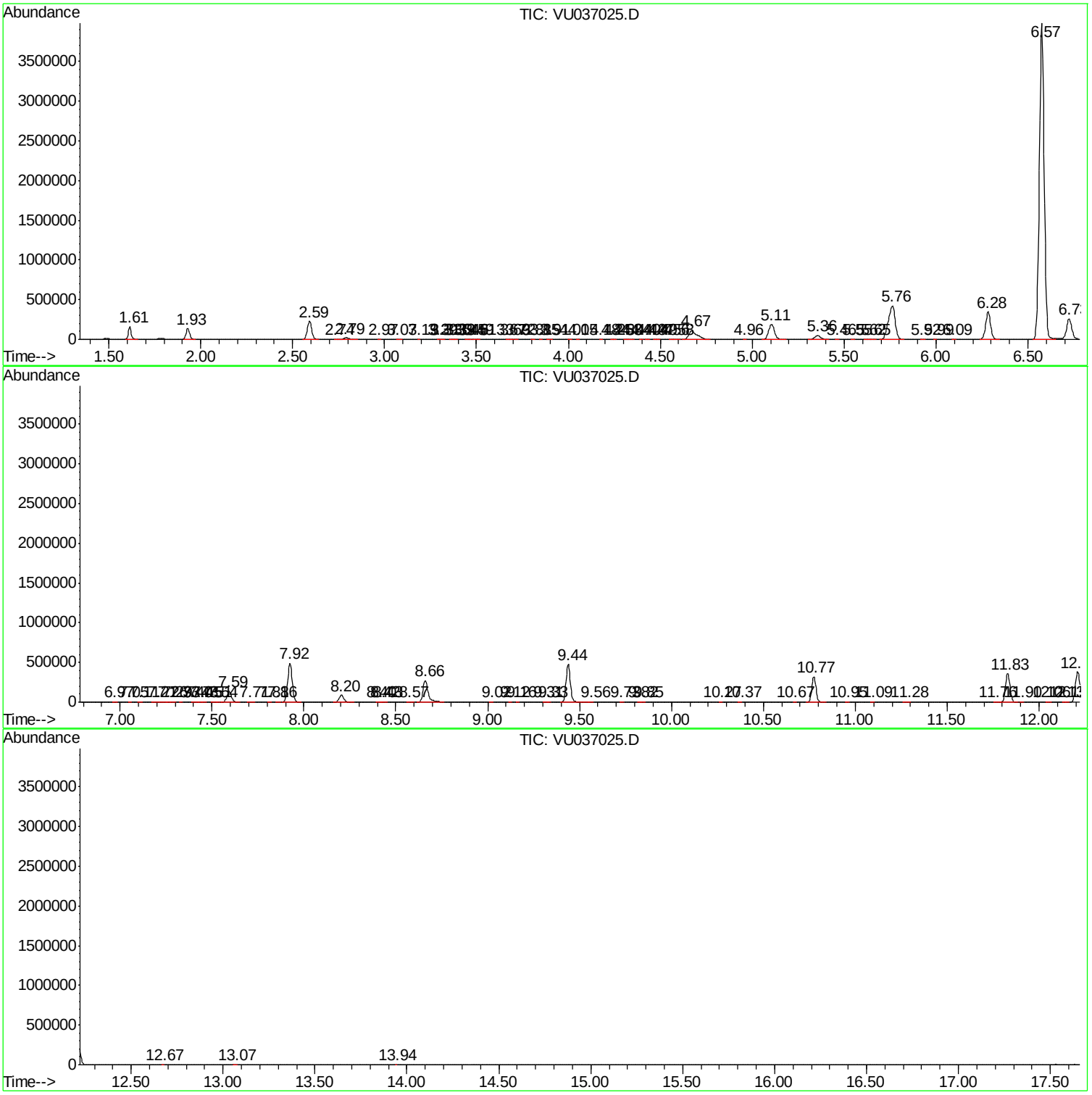
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY3

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 : VU037025.D
Acq On : 03 Mar 2020 15:46
Operator : JC/MD
Sample : L1746-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY3

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

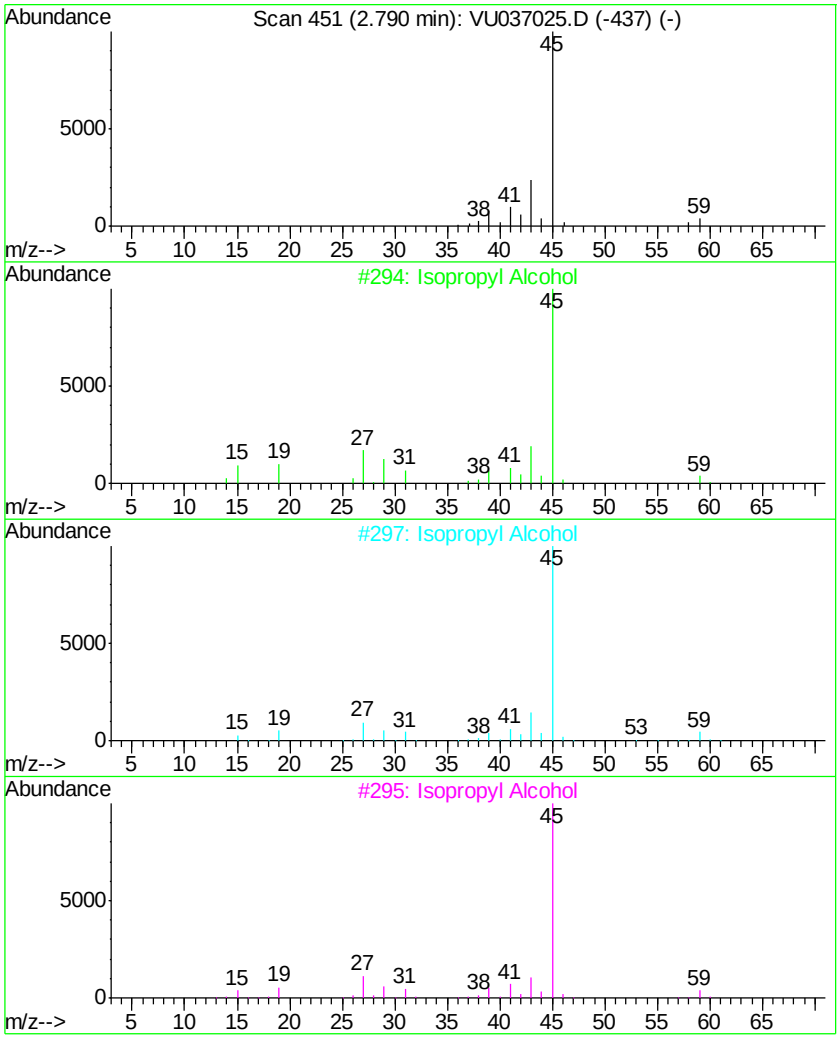
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

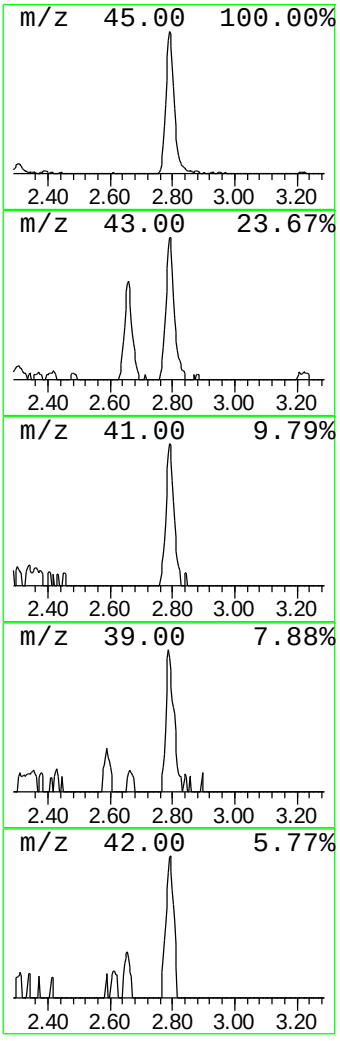
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	3.07 ug/L	39532	1,4-Difluorobenzene	6.29

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	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	4-Penten-2-ol	86	C5H10O	000625-31-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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	3.1	ug/L	39532	1	6.29	644699	50.0