LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
Data File : VU037044.D
Acq On : 04 Mar 2020 17:25
Operator : JC/MD
Sample : L1784-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ0

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	133242	142538	14.71%	1.988%
2	1.928	176	183	194	rVB	118152	149622	15.45%	2.087%
3	2.591	376	389	402	rBV	190695	313722	32.38%	4.375%
4	2.790	440	451	466	rBV	23008	42965	4.44%	0.599%
5	3.009	516	519	526	rBV2	361	277	0.03%	0.004%
6	3.070	534	538	541	rBV2	268	262	0.03%	0.004%
7	3.092	543	545	548	rVB2	179	98	0.01%	0.001%
8	3.221	573	585	604	rVB2	5679	13197	1.36%	0.184%
9	3.292	605	607	609	rBV	195	85	0.01%	0.001%
10	3.346	620	624	627	rBV	258	194	0.02%	0.003%
11	3.491	661	669	673	rBV2	282	432	0.04%	0.006%
12	3.571	692	694	697	rVB	154	102	0.01%	0.001%
13	3.684	726	729	731	rBV2	145	84	0.01%	0.001%
14	3.719	736	740	743	rBV	198	189	0.02%	0.003%
15	3.755	749	751	753	rVB	187	62	0.01%	0.001%
16	3.774	753	757	762	rBV2	244	266	0.03%	0.004%
17	3.861	782	784	786	rBV	149	107	0.01%	0.001%
18	3.964	814	816	817	rBV	115	45	0.00%	0.001%
19	3.980	817	821	823	rBV2	211	203	0.02%	0.003%
20	4.028	835	836	837	rBV2	105	24	0.00%	0.000%
21	4.044	838	841	843	rBV2	182	128	0.01%	0.002%
22	4.153	872	875	877	rBV2	199	122	0.01%	0.002%
23	4.173	879	881	883	rVB	169	52	0.01%	0.001%
24	4.182	883	884	886	rBV	103	58	0.01%	0.001%
25	4.218	893	895	897	rBV	114	44	0.00%	0.001%
26	4.247	900	904	906	rVV	236	183	0.02%	0.003%
27	4.282	910	915	919	rBV	145	166	0.02%	0.002%
28	4.301	919	921	923	rBV	111	59	0.01%	0.001%
29	4.375	943	944	947	rVB	180	52	0.01%	0.001%
30	4.401	947	952	958	rBV	205	197	0.02%	0.003%
31	4.424	958	959	960	rBV	97	19	0.00%	0.000%
32	4.436	960	963	965	rBV	95	65	0.01%	0.001%
33	4.475	972	975	978	rVB	158	124	0.01%	0.002%
34	4.494	978	981	984	rBV	206	163	0.02%	0.002%

LSC Area Percent Report

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Operator : JC/MD
Sample : L1784-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ0

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	4.543	994	996	998	rBV	150	64	0.01%	0.001%
36	4.555	998	1000	1004	rBV	132	100	0.01%	0.001%
37	4.671	1019	1036	1055	rBV	97992	230503	23.79%	3.215%
38	5.105	1154	1171	1193	rBV	168565	367885	37.98%	5.131%
39	5.327	1233	1240	1248	rBV3	856	1385	0.14%	0.019%
40	5.366	1250	1252	1255	rBV2	231	127	0.01%	0.002%
41	5.404	1259	1264	1266	rBV	510	495	0.05%	0.007%
42	5.452	1276	1279	1280	rBV	163	89	0.01%	0.001%
43	5.536	1302	1305	1307	rBV	221	160	0.02%	0.002%
44	5.584	1318	1320	1322	rVB	168	70	0.01%	0.001%
45	5.600	1322	1325	1330	rBV	245	247	0.03%	0.003%
46	5.658	1340	1343	1345	rBV	149	71	0.01%	0.001%
47	5.674	1345	1348	1350	rBV	171	126	0.01%	0.002%
48	5.761	1354	1375	1399	rBV2	369814	968731	100.00%	13.510%
49	6.041	1459	1462	1465	rBV2	280	219	0.02%	0.003%
50	6.089	1475	1477	1479	rBV3	255	168	0.02%	0.002%
51	6.137	1488	1492	1495	rBV2	344	323	0.03%	0.005%
52	6.282	1521	1537	1560	rBV	311794	578850	59.75%	8.073%
53	6.559	1613	1623	1633	rBV5	5152	9251	0.95%	0.129%
54	6.722	1660	1674	1695	rBV	226122	444556	45.89%	6.200%
55	6.980	1751	1754	1756	rBV2	197	136	0.01%	0.002%
56	6.999	1756	1760	1762	rBV2	196	152	0.02%	0.002%
57	7.034	1767	1771	1772	rBV	96	55	0.01%	0.001%
58	7.150	1804	1807	1810	rBV	174	181	0.02%	0.003%
59	7.208	1818	1825	1836	rBV3	2109	3228	0.33%	0.045%
60	7.292	1848	1851	1855	rBV2	188	140	0.01%	0.002%
61	7.468	1901	1906	1907	rBV2	197	133	0.01%	0.002%
62	7.517	1918	1921	1924	rBV	278	150	0.02%	0.002%
63	7.594	1932	1945	1968	rBV	115337	203836	21.04%	2.843%
64	7.706	1975	1980	1981	rBV3	1299	1112	0.11%	0.016%
65	7.819	2011	2015	2021	rBV2	282	295	0.03%	0.004%
66	7.925	2034	2048	2064	rBV	440991	753403	77.77%	10.507%
67	8.205	2121	2135	2150	rBV	79340	136462	14.09%	1.903%
68	8.385	2189	2191	2194	rBV	200	79	0.01%	0.001%
69	8.411	2194	2199	2203	rBV2	280	360	0.04%	0.005%
70	8.465	2213	2216	2219	rBV2	338	311	0.03%	0.004%
71	8.539	2237	2239	2241	rBV	126	67	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
Data File : VU037044.D
Acq On : 04 Mar 2020 17:25
Operator : JC/MD
Sample : L1784-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ0

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	8.555	2241	2244	2248	rBV	246	269	0.03%	0.004%
73	8.661	2264	2277	2320	rBV	237663	485736	50.14%	6.774%
74	8.899	2348	2351	2354	rBV2	200	173	0.02%	0.002%
75	8.986	2371	2378	2381	rBV	228	323	0.03%	0.005%
76	9.099	2410	2413	2414	rBV	188	91	0.01%	0.001%
77	9.201	2442	2445	2450	rBV	278	234	0.02%	0.003%
78	9.224	2450	2452	2453	rBV	187	97	0.01%	0.001%
79	9.266	2463	2465	2468	rBV2	229	169	0.02%	0.002%
80	9.298	2473	2475	2477	rBV	174	122	0.01%	0.002%
81	9.340	2483	2488	2493	rBV	250	310	0.03%	0.004%
82	9.439	2505	2519	2554	rVB	423956	718090	74.13%	10.014%
83	9.562	2554	2557	2560	rBV	255	219	0.02%	0.003%
84	9.639	2578	2581	2584	rBV	317	299	0.03%	0.004%
85	9.793	2627	2629	2631	rBV2	143	79	0.01%	0.001%
86	9.899	2659	2662	2665	rBV	237	148	0.02%	0.002%
87	9.928	2665	2671	2674	rBV	282	331	0.03%	0.005%
88	10.073	2711	2716	2719	rVB	274	256	0.03%	0.004%
89	10.092	2719	2722	2726	rBV	239	229	0.02%	0.003%
90	10.124	2729	2732	2737	rBV2	358	304	0.03%	0.004%
91	10.269	2774	2777	2778	rBV	225	129	0.01%	0.002%
92	10.558	2864	2867	2870	rBV	318	197	0.02%	0.003%
93	10.774	2921	2934	2952	rBV	292085	469587	48.47%	6.549%
94	10.864	2959	2962	2967	rBV	274	290	0.03%	0.004%
95	10.967	2991	2994	2999	rBV2	192	193	0.02%	0.003%
96	11.205	3066	3068	3071	rBV	185	124	0.01%	0.002%
97	11.417	3132	3134	3137	rBV	245	207	0.02%	0.003%
98	11.828	3247	3262	3278	rBV	328401	545795	56.34%	7.612%
99	12.208	3368	3380	3396	rBV	344790	576892	59.55%	8.045%
100	13.333	3727	3730	3733	rBV	373	216	0.02%	0.003%

Sum of corrected areas: 7170535

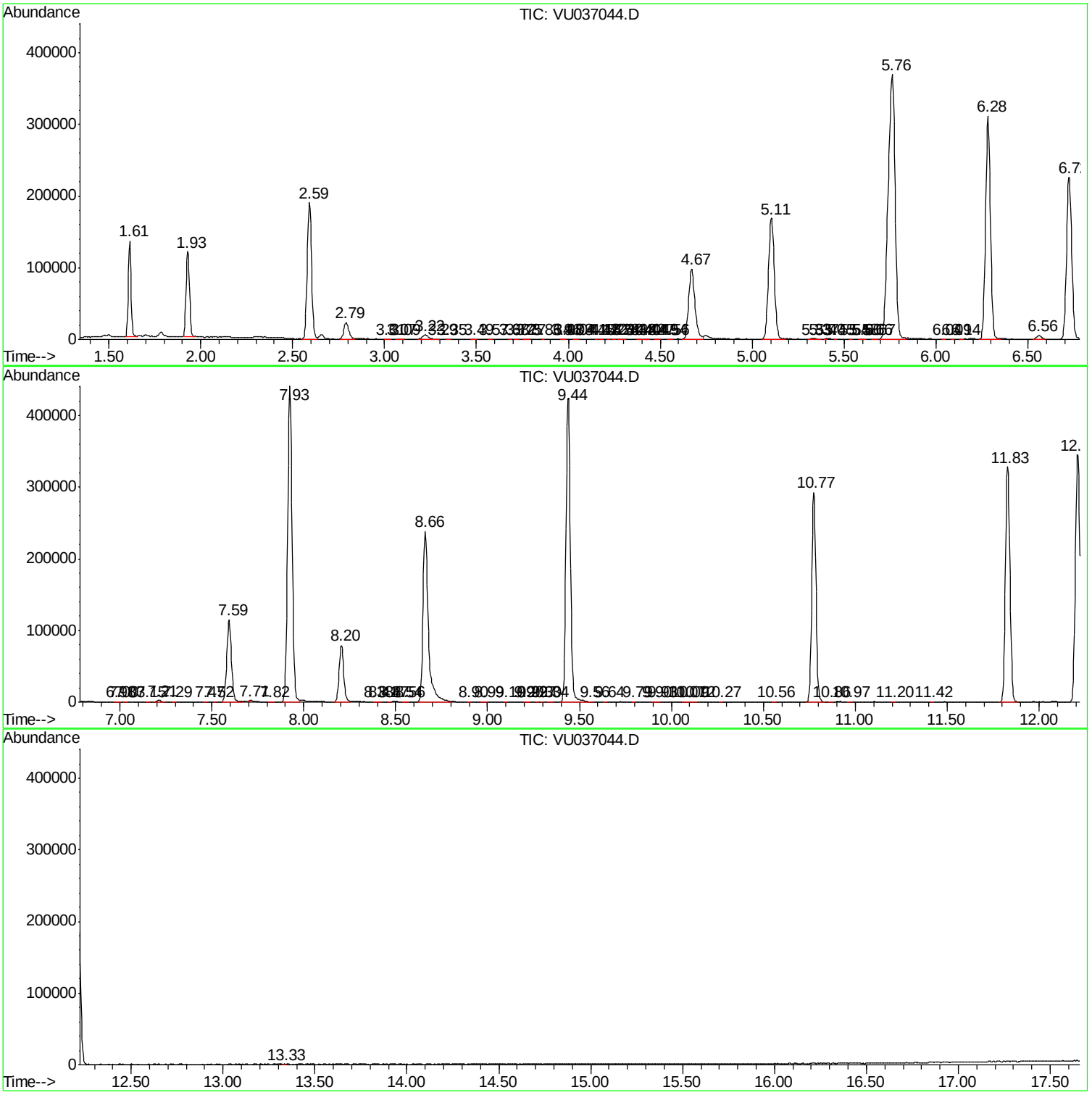
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
Data File : VU037044.D
Acq On : 04 Mar 2020 17:25
Operator : JC/MD
Sample : L1784-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ0

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\VU030420\
Data File : VU037044.D
Acq On : 04 Mar 2020 17:25
Operator : JC/MD
Sample : L1784-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ0

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

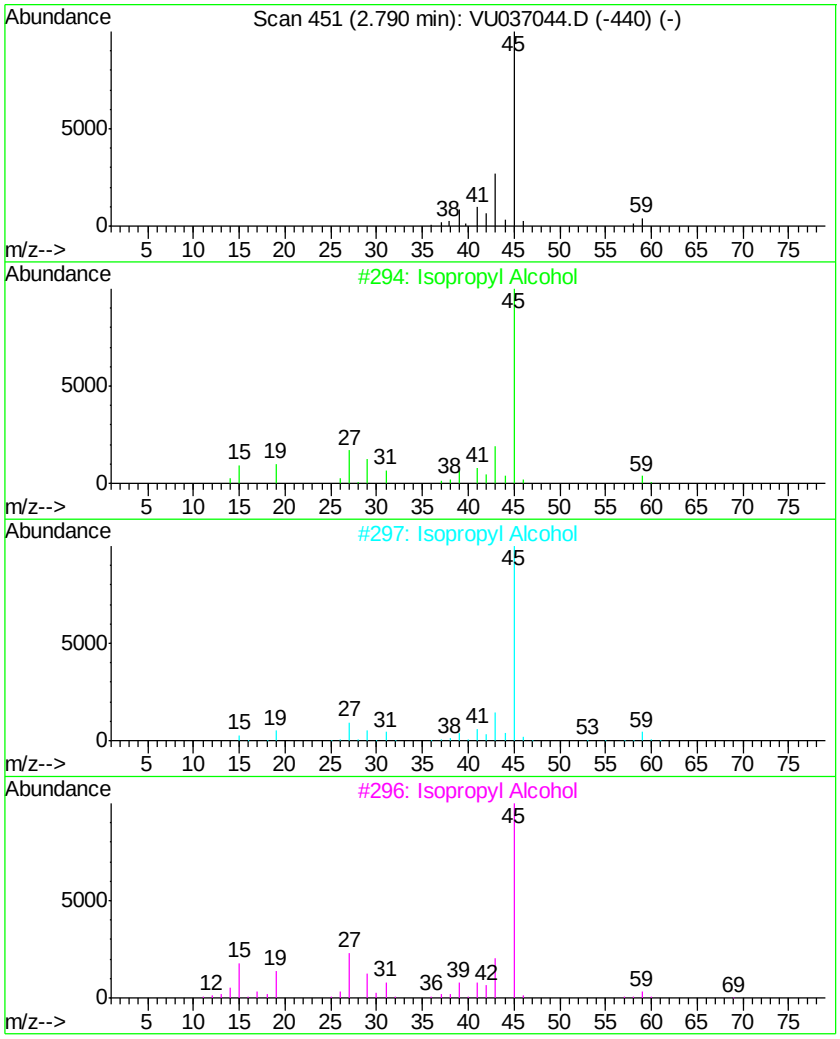
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

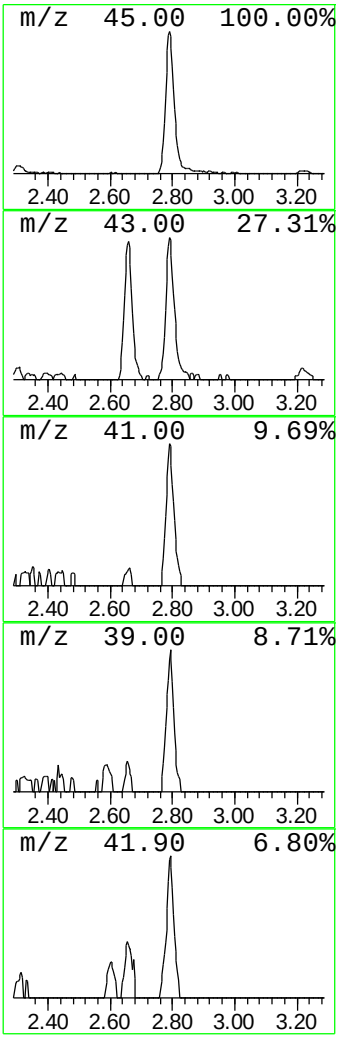
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	3.71 ug/L	42965	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	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	4
5	Oxirane, (methoxymethyl)-	88	C4H8O2	000930-37-0	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Data File : VU037044.D
Acq On : 04 Mar 2020 17:25
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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ0

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	3.7	ug/L	42965	1	6.28	578850	50.0