LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
Data File : VU037045.D
Acq On : 04 Mar 2020 17:48
Operator : JC/MD
Sample : L1784-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ1

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	1.614	78	85	98	rBV	140246	149155	14.38%	1.997%
2	1.929	175	183	199	rVB	127817	164459	15.85%	2.201%
3	2.591	377	389	402	rBV	202498	329923	31.80%	4.416%
4	2.791	439	451	466	rBV	29562	56453	5.44%	0.756%
5	2.906	484	487	491	rBV2	522	359	0.03%	0.005%
6	3.083	540	542	548	rVB4	477	359	0.03%	0.005%
7	3.225	573	586	599	rVB2	7080	15597	1.50%	0.209%
8	3.295	605	608	611	rBV2	278	244	0.02%	0.003%
9	3.427	646	649	651	rBV	291	189	0.02%	0.003%
10	3.527	678	680	682	rBV2	151	88	0.01%	0.001%
11	3.575	692	695	699	rBV	161	160	0.02%	0.002%
12	3.627	709	711	714	rVB2	201	99	0.01%	0.001%
13	3.704	732	735	739	rBV2	275	213	0.02%	0.003%
14	3.746	745	748	750	rBV	268	203	0.02%	0.003%
15	3.807	764	767	770	rBV2	178	136	0.01%	0.002%
16	3.906	794	798	799	rBV	228	138	0.01%	0.002%
17	3.948	806	811	815	rBV2	254	222	0.02%	0.003%
18	3.980	817	821	827	rVV	243	329	0.03%	0.004%
19	4.035	831	838	841	rBV2	202	240	0.02%	0.003%
20	4.074	846	850	855	rBV2	171	205	0.02%	0.003%
21	4.099	855	858	861	rBV2	297	230	0.02%	0.003%
22	4.138	867	870	872	rBV	171	136	0.01%	0.002%
23	4.215	891	894	897	rVB2	215	141	0.01%	0.002%
24	4.234	897	900	902	rBV2	214	171	0.02%	0.002%
25	4.292	916	918	920	rBV	136	82	0.01%	0.001%
26	4.315	923	925	927	rBV	113	79	0.01%	0.001%
27	4.385	944	947	949	rBV2	169	112	0.01%	0.001%
28	4.414	953	956	958	rBV	167	135	0.01%	0.002%
29	4.463	969	971	972	rBV	187	84	0.01%	0.001%
30	4.520	985	989	993	rVB	224	179	0.02%	0.002%
31	4.569	1000	1004	1005	rBV	319	184	0.02%	0.002%
32	4.582	1005	1008	1009	rBV	271	142	0.01%	0.002%
33	4.668	1021	1035	1056	rBV	108502	254438	24.53%	3.406%
34	5.106	1155	1171	1190	rBV	179931	389638	37.56%	5.216%

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Sample : L1784-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ1

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	5.241	1210	1213	1217	rVB2	330	229	0.02%	0.003%
36	5.266	1217	1221	1224	rBV	174	154	0.01%	0.002%
37	5.282	1224	1226	1228	rVB	370	137	0.01%	0.002%
38	5.318	1228	1237	1238	rBV	605	563	0.05%	0.008%
39	5.411	1262	1266	1268	rBV	441	390	0.04%	0.005%
40	5.463	1280	1282	1285	rVB2	147	83	0.01%	0.001%
41	5.492	1288	1291	1296	rVB2	250	245	0.02%	0.003%
42	5.591	1319	1322	1324	rBV	191	150	0.01%	0.002%
43	5.762	1353	1375	1404	rBV2	398965	1037386	100.00%	13.887%
44	6.141	1491	1493	1495	rBV3	336	202	0.02%	0.003%
45	6.173	1502	1503	1504	rBV3	238	91	0.01%	0.001%
46	6.282	1522	1537	1562	rVV	300076	559195	53.90%	7.486%
47	6.517	1606	1610	1613	rBV2	218	208	0.02%	0.003%
48	6.559	1613	1623	1633	rBV8	7365	13007	1.25%	0.174%
49	6.623	1639	1643	1646	rVB	394	225	0.02%	0.003%
50	6.723	1659	1674	1699	rBV	245046	474877	45.78%	6.357%
51	6.887	1723	1725	1727	rBV	366	183	0.02%	0.002%
52	6.977	1749	1753	1756	rBV	136	91	0.01%	0.001%
53	6.993	1756	1758	1762	rBV	166	120	0.01%	0.002%
54	7.086	1783	1787	1791	rBV2	218	226	0.02%	0.003%
55	7.163	1806	1811	1816	rBV2	240	303	0.03%	0.004%
56	7.208	1816	1825	1833	rBV4	2549	4137	0.40%	0.055%
57	7.331	1858	1863	1865	rBV	278	196	0.02%	0.003%
58	7.360	1869	1872	1875	rVV	245	196	0.02%	0.003%
59	7.417	1888	1890	1892	rBV	137	77	0.01%	0.001%
60	7.511	1917	1919	1924	rVB2	217	181	0.02%	0.002%
61	7.533	1924	1926	1932	rVB	147	111	0.01%	0.001%
62	7.594	1932	1945	1971	rBV	125497	220212	21.23%	2.948%
63	7.871	2028	2031	2034	rBV2	236	171	0.02%	0.002%
64	7.925	2034	2048	2066	rBV	471985	805681	77.66%	10.785%
65	8.144	2113	2116	2119	rBV2	198	137	0.01%	0.002%
66	8.160	2119	2121	2123	rBV	171	91	0.01%	0.001%
67	8.205	2123	2135	2156	rBV	83976	144472	13.93%	1.934%
68	8.388	2187	2192	2193	rBV	150	114	0.01%	0.002%
69	8.414	2197	2200	2204	rBV2	167	124	0.01%	0.002%
70	8.450	2208	2211	2214	rBV	158	116	0.01%	0.002%
71	8.533	2234	2237	2238	rBV	307	155	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : C0AZ1

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	8.617	2259	2263	2264	rBV	182	89	0.01%	0.001%
73	8.659	2264	2276	2318	rVV	256027	526438	50.75%	7.047%
74	9.048	2394	2397	2399	rBV	169	120	0.01%	0.002%
75	9.086	2406	2409	2413	rBV	186	145	0.01%	0.002%
76	9.128	2419	2422	2427	rBV	250	261	0.03%	0.003%
77	9.163	2427	2433	2439	rVB2	415	520	0.05%	0.007%
78	9.192	2440	2442	2445	rVB	240	105	0.01%	0.001%
79	9.212	2445	2448	2450	rBV	205	115	0.01%	0.002%
80	9.276	2464	2468	2472	rBV	243	210	0.02%	0.003%
81	9.350	2488	2491	2496	rVB2	246	177	0.02%	0.002%
82	9.372	2496	2498	2502	rBV	187	110	0.01%	0.001%
83	9.440	2505	2519	2544	rBV	406594	686212	66.15%	9.186%
84	9.591	2562	2566	2569	rBV2	274	215	0.02%	0.003%
85	9.742	2610	2613	2616	rBV2	199	160	0.02%	0.002%
86	9.954	2677	2679	2681	rVB	167	88	0.01%	0.001%
87	9.974	2681	2685	2687	rBV2	324	273	0.03%	0.004%
88	10.118	2727	2730	2734	rBV2	368	298	0.03%	0.004%
89	10.350	2799	2802	2804	rBV2	205	179	0.02%	0.002%
90	10.498	2845	2848	2849	rBV	240	140	0.01%	0.002%
91	10.591	2873	2877	2881	rBV2	219	162	0.02%	0.002%
92	10.774	2920	2934	2954	rBV	312926	504762	48.66%	6.757%
93	10.967	2991	2994	2999	rBV2	318	290	0.03%	0.004%
94	11.163	3052	3055	3059	rBV2	216	179	0.02%	0.002%
95	11.337	3106	3109	3111	rBV	222	144	0.01%	0.002%
96	11.829	3249	3262	3279	rVB	306254	511994	49.35%	6.854%
97	12.031	3323	3325	3328	rBV2	158	80	0.01%	0.001%
98	12.208	3367	3380	3395	rBV	370437	607649	58.58%	8.134%
99	13.070	3644	3648	3649	rBV	267	178	0.02%	0.002%
100	14.224	4005	4007	4011	rBV2	351	267	0.03%	0.004%

Sum of corrected areas: 7470318

LSC Report - Integrated Chromatogram

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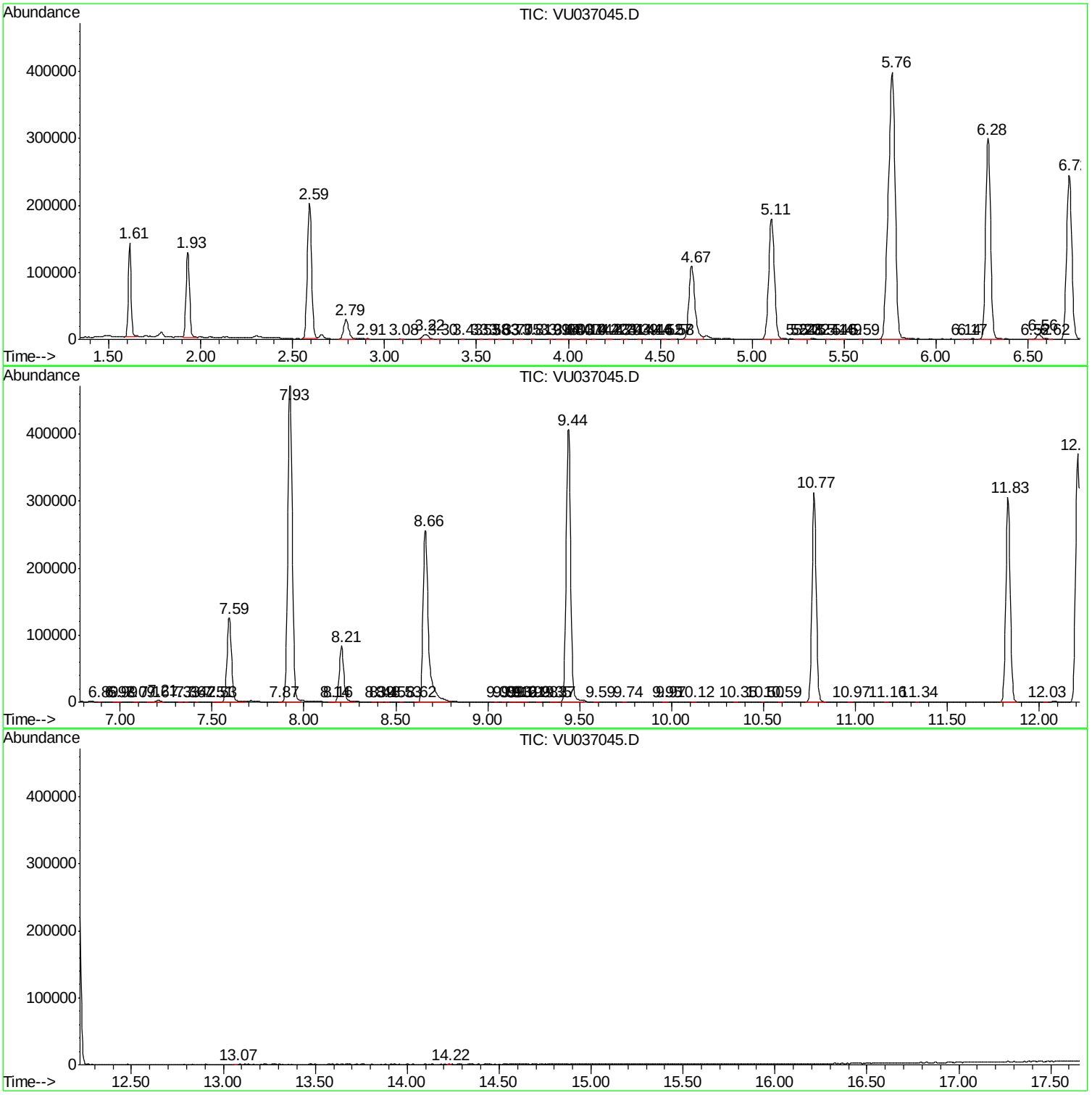
Instrument : MSVOA_U
ClientSampleId : C0AZ1

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 : VU037045.D
Acq On : 04 Mar 2020 17:48
Operator : JC/MD
Sample : L1784-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ1

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

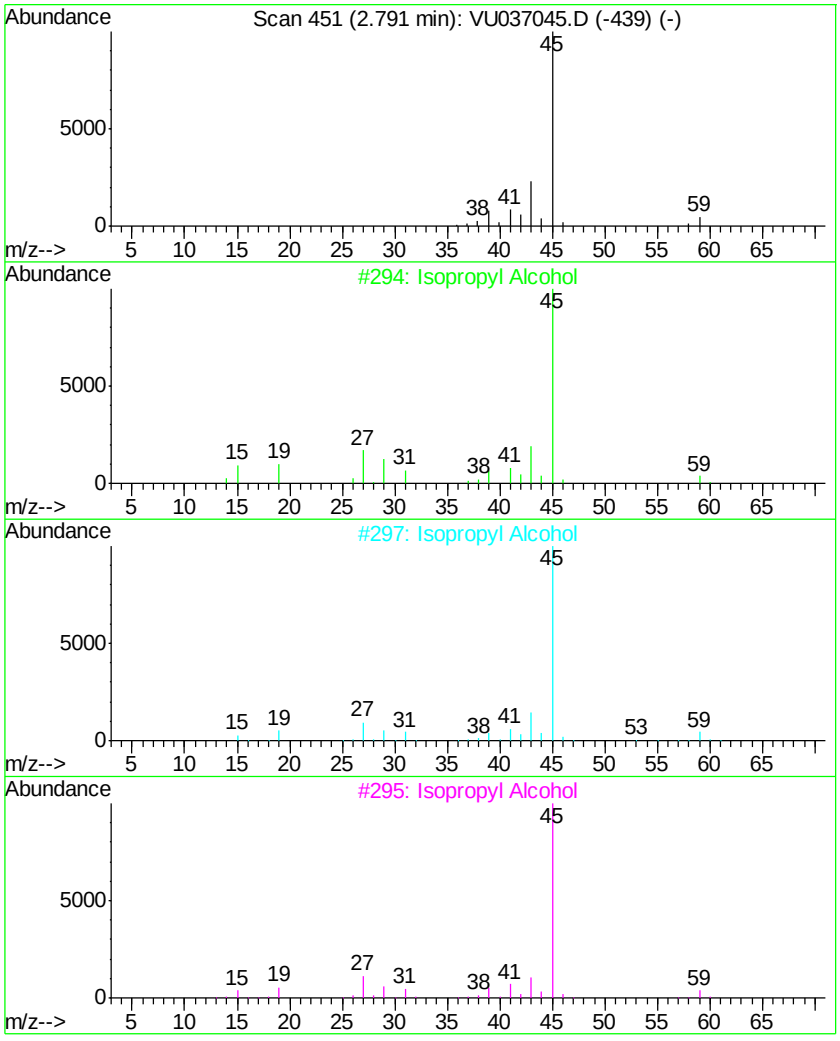
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

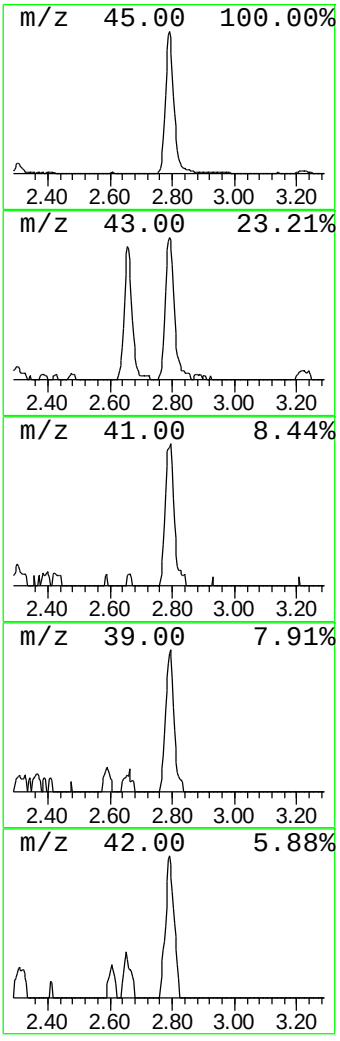
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	5.05 ug/L	56453	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	64
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	5.0	ug/L	56453	1	6.28	559195	50.0