LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032967.D
Acq On : 22 Jun 2019 00:04
Operator : JC/SP
Sample : K3464-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF52

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\SOMULM061719WMA.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	1.180	24	28	33	rVB2	2928	2557	0.35%	0.043%
2	1.396	88	95	109	rVB2	115092	125538	17.24%	2.111%
3	1.550	137	143	151	rVB5	6985	9070	1.25%	0.153%
4	1.675	174	182	195	rBV	72294	89848	12.34%	1.511%
5	1.872	240	243	245	rBV2	1459	1196	0.16%	0.020%
6	2.264	355	365	375	rBV	146759	222558	30.57%	3.743%
7	2.318	376	382	399	rVB2	15374	24714	3.39%	0.416%
8	2.441	409	420	446	rBV	33027	60174	8.27%	1.012%
9	2.585	462	465	468	rBV3	433	316	0.04%	0.005%
10	2.743	511	514	517	rVB2	368	250	0.03%	0.004%
11	2.778	522	525	529	rBV2	287	212	0.03%	0.004%
12	2.817	529	537	540	rBV3	1456	1726	0.24%	0.029%
13	2.981	582	588	593	rBV4	562	587	0.08%	0.010%
14	3.074	614	617	620	rBV3	290	260	0.04%	0.004%
15	3.183	647	651	656	rBV2	322	386	0.05%	0.006%
16	3.238	665	668	670	rBV2	314	208	0.03%	0.003%
17	3.357	700	705	708	rBV2	390	311	0.04%	0.005%
18	3.425	724	726	731	rVB2	282	213	0.03%	0.004%
19	3.463	732	738	742	rBV3	348	333	0.05%	0.006%
20	3.666	799	801	804	rBV2	346	209	0.03%	0.004%
21	3.717	814	817	822	rVV3	372	374	0.05%	0.006%
22	3.826	848	851	857	rVB	274	241	0.03%	0.004%
23	3.862	857	862	864	rBV2	244	209	0.03%	0.004%
24	3.971	891	896	900	rBV2	358	355	0.05%	0.006%
25	4.042	915	918	923	rVV2	268	218	0.03%	0.004%
26	4.087	928	932	936	rBV2	309	290	0.04%	0.005%
27	4.129	941	945	946	rBV2	418	263	0.04%	0.004%
28	4.170	946	958	963	rBV	78754	159812	21.95%	2.688%
29	4.502	1057	1061	1063	rBV3	350	237	0.03%	0.004%
30	4.640	1087	1104	1133	rVB	125874	299218	41.10%	5.032%
31	4.791	1149	1151	1156	rVB2	330	238	0.03%	0.004%
32	4.833	1161	1164	1167	rBV	349	282	0.04%	0.005%
33	4.849	1167	1169	1173	rVB	306	216	0.03%	0.004%
34	4.871	1173	1176	1177	rBV	430	233	0.03%	0.004%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF52

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\SOMULM061719WMA.M
Title : VOC Analysis

35	5.206	1278	1280	1284	rVB	360	230	0.03%	0.004%
36	5.331	1297	1319	1342	rBV2	244764	728054	100.00%	12.244%
37	5.482	1363	1366	1368	rBV2	402	285	0.04%	0.005%
38	5.543	1381	1385	1387	rBV	315	247	0.03%	0.004%
39	5.878	1476	1489	1510	rBV	241368	475159	65.26%	7.991%
40	6.174	1571	1581	1592	rVB7	4372	8591	1.18%	0.144%
41	6.244	1600	1603	1606	rBV	313	201	0.03%	0.003%
42	6.325	1614	1628	1646	rBV	168858	338342	46.47%	5.690%
43	6.469	1671	1673	1677	rVB2	414	235	0.03%	0.004%
44	6.530	1690	1692	1696	rVB2	284	209	0.03%	0.004%
45	6.617	1716	1719	1724	rVB3	356	324	0.04%	0.005%
46	6.653	1724	1730	1737	rVB2	337	425	0.06%	0.007%
47	6.739	1754	1757	1763	rVB3	407	356	0.05%	0.006%
48	6.772	1763	1767	1768	rBV	317	220	0.03%	0.004%
49	6.852	1789	1792	1794	rBV2	473	314	0.04%	0.005%
50	6.907	1806	1809	1812	rVB	308	208	0.03%	0.003%
51	6.939	1815	1819	1823	rBV2	305	306	0.04%	0.005%
52	6.965	1823	1827	1830	rVV	364	299	0.04%	0.005%
53	6.990	1830	1835	1839	rBV3	223	231	0.03%	0.004%
54	7.067	1853	1859	1863	rVB3	295	424	0.06%	0.007%
55	7.174	1886	1892	1895	rBV3	333	357	0.05%	0.006%
56	7.222	1895	1907	1932	rBV2	92264	167748	23.04%	2.821%
57	7.312	1933	1935	1940	rVV3	307	230	0.03%	0.004%
58	7.383	1951	1957	1966	rBV6	2445	4360	0.60%	0.073%
59	7.460	1977	1981	1985	rBV2	401	327	0.04%	0.005%
60	7.559	1999	2012	2030	rBV	318258	549300	75.45%	9.238%
61	7.846	2091	2101	2118	rBV	65234	113373	15.57%	1.907%
62	8.048	2160	2164	2166	rBV2	216	204	0.03%	0.003%
63	8.071	2166	2171	2174	rBV2	202	212	0.03%	0.004%
64	8.106	2177	2182	2186	rBV2	385	437	0.06%	0.007%
65	8.177	2195	2204	2214	rVV4	2648	4645	0.64%	0.078%
66	8.228	2218	2220	2224	rVB3	299	207	0.03%	0.003%
67	8.305	2232	2244	2282	rBV	223359	411890	56.57%	6.927%
68	8.498	2301	2304	2312	rVB4	573	668	0.09%	0.011%
69	8.617	2337	2341	2345	rVB2	447	317	0.04%	0.005%
70	8.662	2352	2355	2359	rBV3	298	279	0.04%	0.005%
71	9.083	2474	2486	2512	rBV	361984	608112	83.53%	10.227%

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ClientSampleId : ETF52

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\SOMULM061719WMA.M
Title : VOC Analysis

72	9.296	2549	2552	2560	rVB3	311	311	0.04%	0.005%
73	9.360	2568	2572	2577	rBV2	391	277	0.04%	0.005%
74	9.514	2617	2620	2622	rBV2	351	253	0.03%	0.004%
75	9.543	2627	2629	2634	rVB2	404	375	0.05%	0.006%
76	9.579	2634	2640	2642	rBV2	487	517	0.07%	0.009%
77	9.752	2691	2694	2699	rVB2	419	333	0.05%	0.006%
78	9.968	2759	2761	2766	rBV3	211	211	0.03%	0.004%
79	10.074	2789	2794	2799	rBV3	310	406	0.06%	0.007%
80	10.099	2799	2802	2807	rVV	203	234	0.03%	0.004%
81	10.145	2813	2816	2819	rBV2	285	200	0.03%	0.003%
82	10.273	2850	2856	2861	rVB2	380	502	0.07%	0.008%
83	10.302	2861	2865	2869	rBV2	353	314	0.04%	0.005%
84	10.424	2891	2903	2927	rBV	247199	405115	55.64%	6.813%
85	10.540	2935	2939	2940	rBV	339	238	0.03%	0.004%
86	10.601	2949	2958	2969	rVB3	4138	7051	0.97%	0.119%
87	10.669	2975	2979	2981	rBV2	305	219	0.03%	0.004%
88	10.720	2989	2995	2998	rBV3	313	358	0.05%	0.006%
89	10.771	3006	3011	3014	rBV2	328	318	0.04%	0.005%
90	10.817	3019	3025	3032	rBV3	436	627	0.09%	0.011%
91	10.855	3032	3037	3040	rBV2	309	293	0.04%	0.005%
92	11.157	3126	3131	3133	rBV2	326	276	0.04%	0.005%
93	11.199	3139	3144	3145	rBV2	297	234	0.03%	0.004%
94	11.479	3218	3231	3254	rBV	356135	572408	78.62%	9.626%
95	11.669	3288	3290	3293	rBV3	449	212	0.03%	0.004%
96	11.855	3335	3348	3367	rBV	322732	533616	73.29%	8.974%
97	13.562	3876	3879	3882	rBV	390	265	0.04%	0.004%
98	13.668	3911	3912	3917	rVB3	355	205	0.03%	0.003%
99	13.807	3953	3955	3958	rBV	298	232	0.03%	0.004%
100	15.080	4348	4351	4353	rBV3	699	447	0.06%	0.008%

Sum of corrected areas: 5946225

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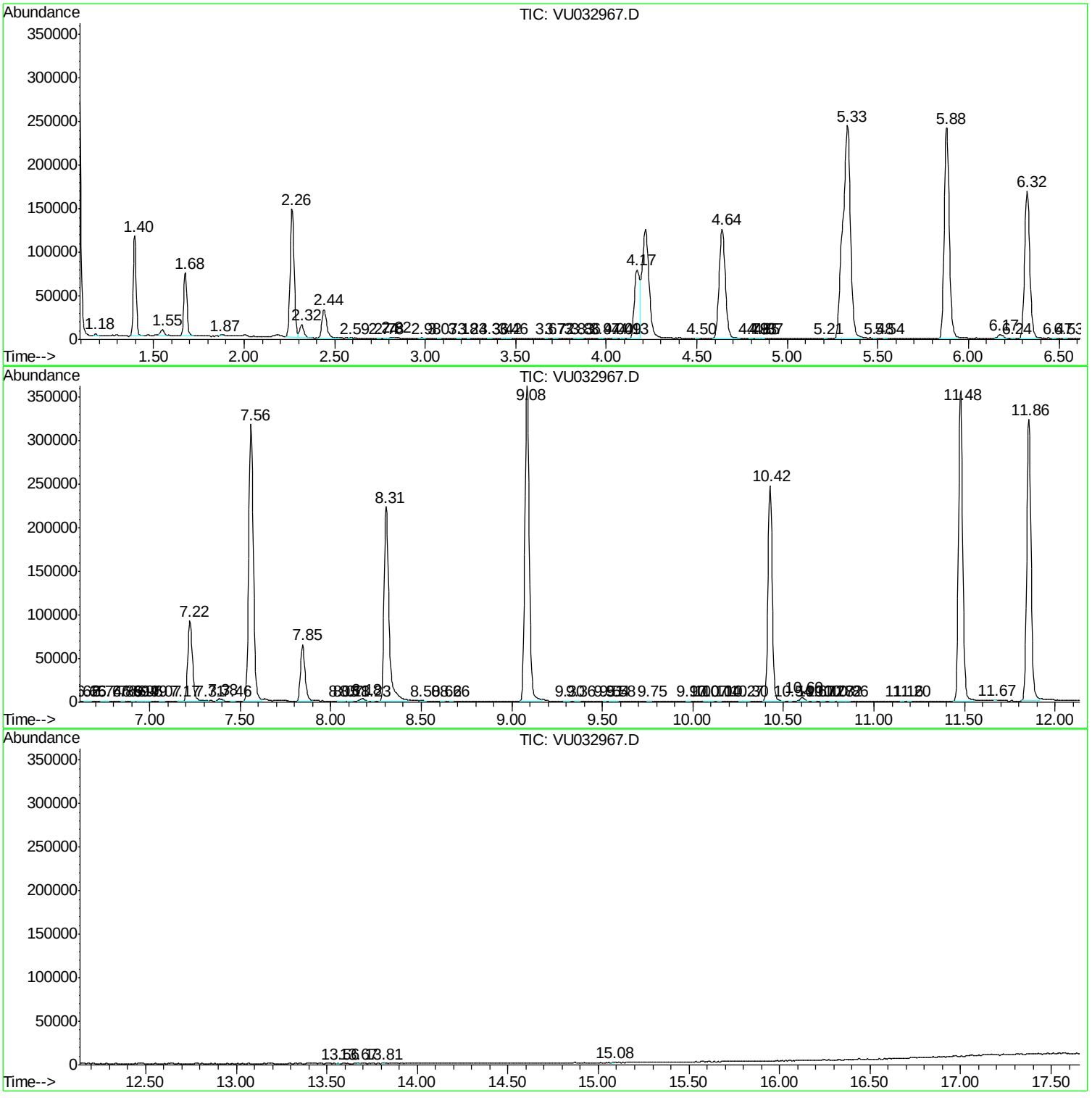
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
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Instrument : MSVOA_U
ClientSampleId : ETF52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

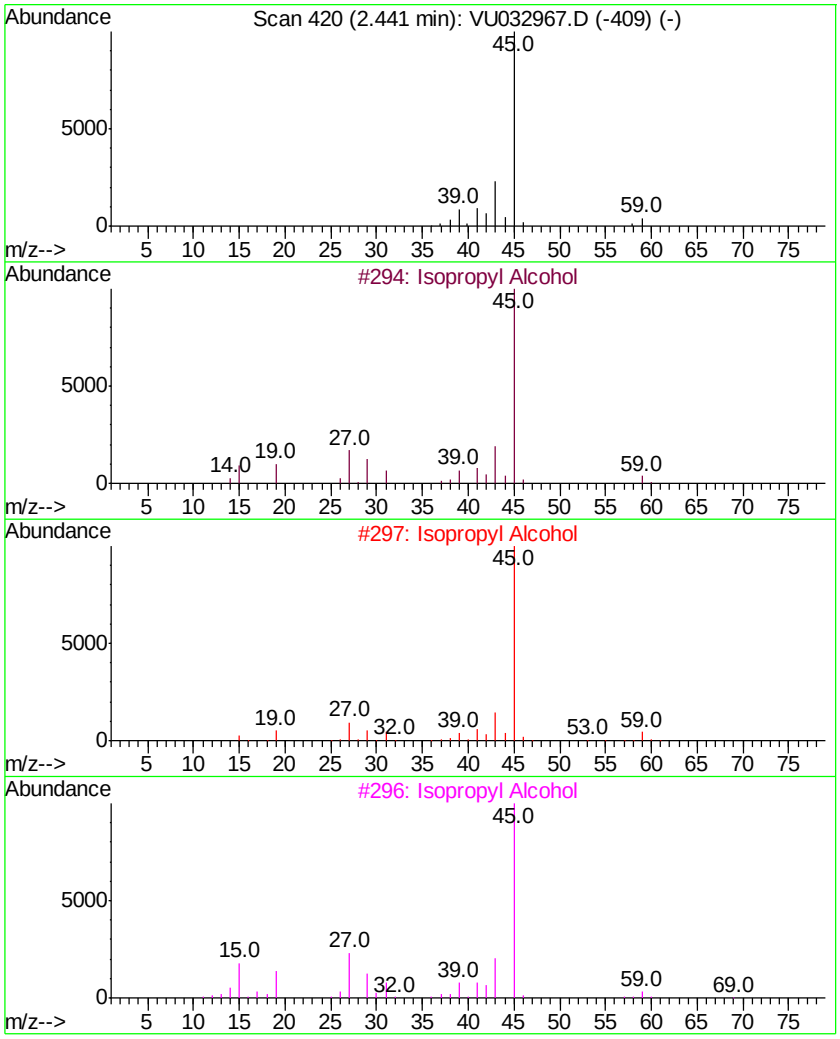
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

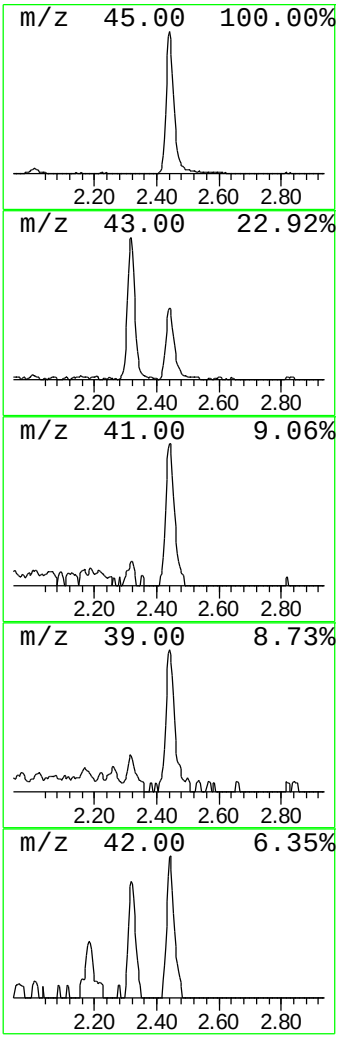
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.33 ug/L	60174	1,4-Difluorobenzene	5.88

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	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Formamide	45	CH3NO	000075-12-7	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	2.44	6.3	ug/L	60174	1	5.88	475159	50.0