LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
Data File : VU032339.D
Acq On : 28 May 2019 19:45
Operator : JC/SP
Sample : K3017-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51G1

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\SOMULM052819WMA.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	34	rVB4	13790	12900	0.47%	0.059%
2	1.396	88	95	105	rBV	364349	375057	13.67%	1.721%
3	1.672	173	181	199	rVB	284995	381515	13.90%	1.751%
4	2.013	281	287	297	rVB	9612	14770	0.54%	0.068%
5	2.267	355	366	376	rBV	608426	931696	33.95%	4.276%
6	2.318	376	382	403	rVB	163524	265026	9.66%	1.216%
7	2.447	413	422	447	rVB2	40618	86559	3.15%	0.397%
8	2.621	469	476	486	rVB4	1802	3151	0.11%	0.014%
9	2.698	488	500	516	rBV	29175	53675	1.96%	0.246%
10	2.836	530	543	551	rBV7	4332	8947	0.33%	0.041%
11	2.881	555	557	565	rVB5	536	568	0.02%	0.003%
12	2.978	579	587	589	rBV3	1915	2330	0.08%	0.011%
13	3.103	620	626	632	rVB4	716	826	0.03%	0.004%
14	3.241	667	669	673	rVB2	834	485	0.02%	0.002%
15	3.351	699	703	706	rVV4	803	584	0.02%	0.003%
16	3.383	710	713	716	rVB	936	604	0.02%	0.003%
17	3.778	832	836	841	rVB4	673	585	0.02%	0.003%
18	3.939	882	886	895	rVB2	846	1147	0.04%	0.005%
19	3.984	895	900	902	rBV2	630	578	0.02%	0.003%
20	4.122	937	943	944	rBV4	647	567	0.02%	0.003%
21	4.174	946	959	980	rBV	231085	627986	22.88%	2.882%
22	4.640	1087	1104	1136	rBV2	544655	1302746	47.47%	5.979%
23	4.955	1199	1202	1204	rBV2	1107	663	0.02%	0.003%
24	4.968	1204	1206	1209	rVV2	1215	927	0.03%	0.004%
25	4.987	1209	1212	1216	rVV4	2710	2520	0.09%	0.012%
26	5.019	1220	1222	1227	rVB3	1012	658	0.02%	0.003%
27	5.100	1242	1247	1250	rVB5	554	533	0.02%	0.002%
28	5.119	1250	1253	1255	rBV	860	493	0.02%	0.002%
29	5.334	1293	1320	1346	rBV2	929539	2744460	100.00%	12.596%
30	5.633	1410	1413	1417	rVB3	1075	573	0.02%	0.003%
31	5.810	1465	1468	1472	rBV3	626	556	0.02%	0.003%
32	5.881	1474	1490	1519	rBV	823387	1681839	61.28%	7.719%
33	6.177	1570	1582	1596	rBV6	14981	33334	1.21%	0.153%
34	6.325	1614	1628	1649	rVV2	599404	1208354	44.03%	5.546%

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Instrument : MSVOA_U
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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\SOMULM052819WMA.M
Title : VOC Analysis

35	6.556	1697	1700	1704	rBV3	2098	1592	0.06%	0.007%
36	6.653	1726	1730	1736	rVB4	931	909	0.03%	0.004%
37	6.759	1760	1763	1768	rBV3	677	674	0.02%	0.003%
38	6.826	1779	1784	1789	rVB4	1121	1159	0.04%	0.005%
39	6.855	1789	1793	1794	rBV	739	520	0.02%	0.002%
40	6.875	1794	1799	1800	rBV	811	626	0.02%	0.003%
41	6.961	1824	1826	1835	rVB5	1131	1017	0.04%	0.005%
42	7.006	1835	1840	1844	rBV4	693	760	0.03%	0.003%
43	7.096	1864	1868	1874	rBV4	609	579	0.02%	0.003%
44	7.225	1896	1908	1931	rBV	293704	537741	19.59%	2.468%
45	7.418	1962	1968	1971	rBV5	1080	1385	0.05%	0.006%
46	7.466	1976	1983	1996	rVB2	7630	11644	0.42%	0.053%
47	7.559	1999	2012	2031	rBV	1205729	2141407	78.03%	9.828%
48	7.846	2090	2101	2121	rBV2	201856	357605	13.03%	1.641%
49	7.987	2142	2145	2148	rVB3	1395	864	0.03%	0.004%
50	8.087	2171	2176	2181	rVB6	1409	1687	0.06%	0.008%
51	8.119	2181	2186	2190	rVB5	889	815	0.03%	0.004%
52	8.173	2190	2203	2212	rBV7	5594	13957	0.51%	0.064%
53	8.228	2214	2220	2230	rVB10	3603	6066	0.22%	0.028%
54	8.309	2230	2245	2280	rBV2	673516	1377264	50.18%	6.321%
55	8.466	2288	2294	2314	rVB4	35471	67117	2.45%	0.308%
56	8.727	2372	2375	2379	rVB2	656	563	0.02%	0.003%
57	8.836	2403	2409	2416	rBV5	1270	1667	0.06%	0.008%
58	9.006	2459	2462	2466	rBV3	774	559	0.02%	0.003%
59	9.083	2474	2486	2518	rBV	1203617	2084808	75.96%	9.569%
60	9.257	2531	2540	2549	rVB4	6136	11601	0.42%	0.053%
61	9.382	2568	2579	2584	rBV6	5166	9578	0.35%	0.044%
62	9.508	2613	2618	2620	rBV4	558	642	0.02%	0.003%
63	9.524	2621	2623	2629	rVB4	1515	1062	0.04%	0.005%
64	9.556	2629	2633	2635	rBV5	615	502	0.02%	0.002%
65	9.617	2648	2652	2653	rBV2	875	545	0.02%	0.003%
66	9.739	2686	2690	2693	rBV2	916	653	0.02%	0.003%
67	9.784	2693	2704	2709	rBV2	7111	10198	0.37%	0.047%
68	9.935	2746	2751	2752	rBV2	1275	1056	0.04%	0.005%
69	10.016	2773	2776	2778	rBV4	760	536	0.02%	0.002%
70	10.042	2778	2784	2790	rVV5	3011	3963	0.14%	0.018%
71	10.167	2814	2823	2831	rBV4	7052	12689	0.46%	0.058%

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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : A51G1

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\SOMULM052819WMA.M
Title : VOC Analysis

72	10.234	2836	2844	2858	rVV6	7100	13860	0.51%	0.064%
73	10.427	2889	2904	2933	rBV	888850	1451411	52.89%	6.662%
74	10.601	2952	2958	2960	rBV4	2290	2185	0.08%	0.010%
75	10.755	3003	3006	3008	rBV3	906	502	0.02%	0.002%
76	10.923	3054	3058	3061	rBV	877	817	0.03%	0.004%
77	11.058	3097	3100	3102	rBV	860	594	0.02%	0.003%
78	11.083	3102	3108	3116	rVB4	1732	2703	0.10%	0.012%
79	11.122	3116	3120	3121	rBV3	774	548	0.02%	0.003%
80	11.154	3123	3130	3132	rBV3	7085	7533	0.27%	0.035%
81	11.254	3159	3161	3165	rVV4	965	793	0.03%	0.004%
82	11.315	3178	3180	3186	rVB4	812	629	0.02%	0.003%
83	11.421	3204	3213	3217	rBV5	7055	10263	0.37%	0.047%
84	11.479	3220	3231	3254	rVV	1098131	1795767	65.43%	8.242%
85	11.755	3307	3317	3332	rBV5	16872	41924	1.53%	0.192%
86	11.855	3336	3348	3367	rBV	1163432	1918868	69.92%	8.807%
87	12.186	3449	3451	3454	rBV2	964	582	0.02%	0.003%
88	12.382	3509	3512	3517	rBV5	1335	1216	0.04%	0.006%
89	12.463	3533	3537	3538	rBV3	1585	1007	0.04%	0.005%
90	12.591	3572	3577	3581	rBV7	1922	1972	0.07%	0.009%
91	12.852	3655	3658	3660	rBV3	1021	593	0.02%	0.003%
92	12.887	3660	3669	3678	rVV5	9812	17375	0.63%	0.080%
93	13.511	3854	3863	3875	rBV4	12113	23144	0.84%	0.106%
94	13.585	3882	3886	3890	rBV6	1383	1398	0.05%	0.006%
95	13.755	3928	3939	3950	rBV	20567	48435	1.76%	0.222%
96	13.903	3983	3985	3987	rBV2	1285	640	0.02%	0.003%
97	13.990	4005	4012	4027	rBV5	14809	27351	1.00%	0.126%
98	14.337	4117	4120	4124	rBV3	1151	1084	0.04%	0.005%
99	14.839	4274	4276	4278	rBV2	989	503	0.02%	0.002%
100	15.469	4469	4472	4476	rVB4	1809	1098	0.04%	0.005%

Sum of corrected areas: 21788017

LSC Report - Integrated Chromatogram

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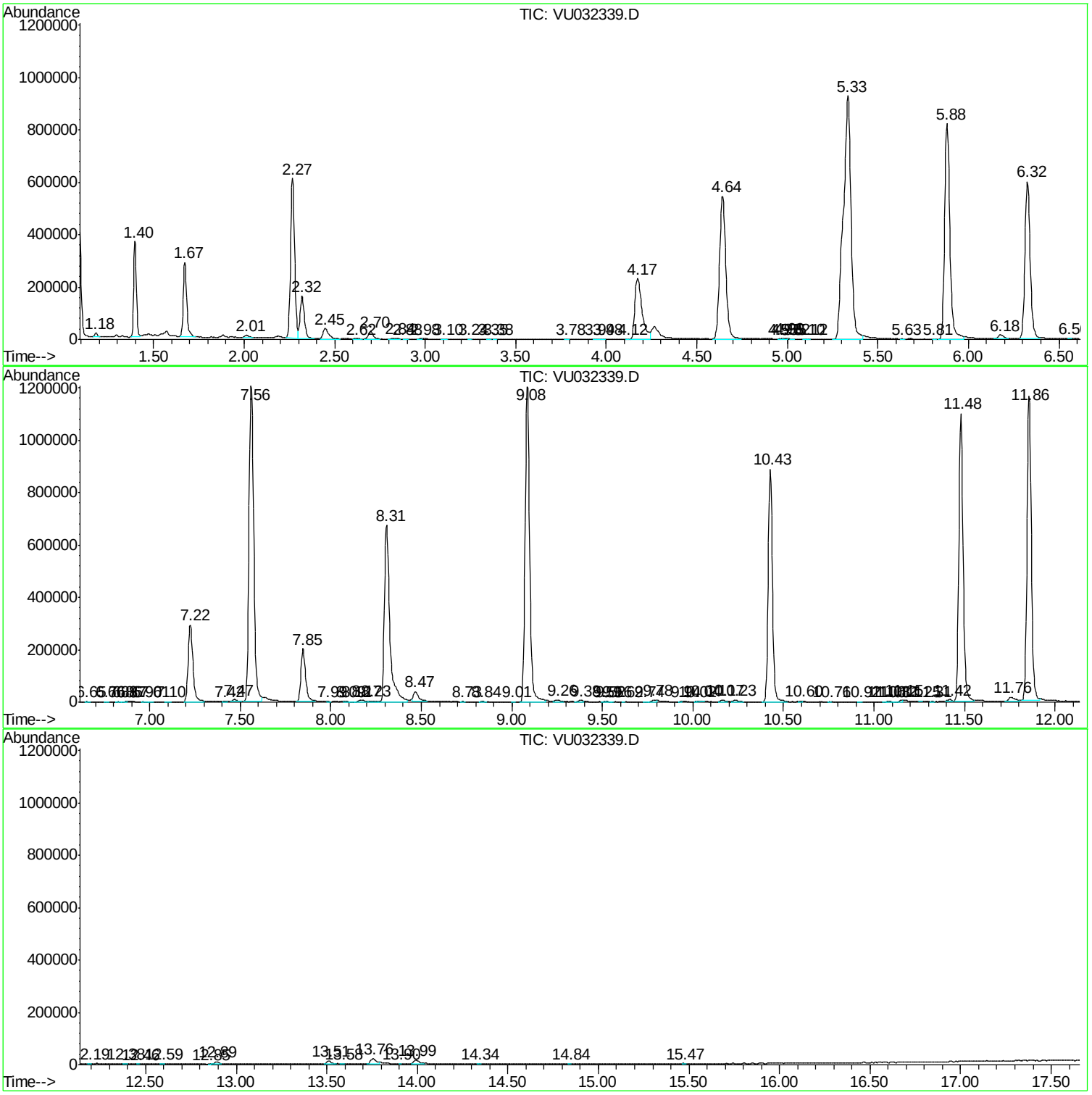
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51G1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis

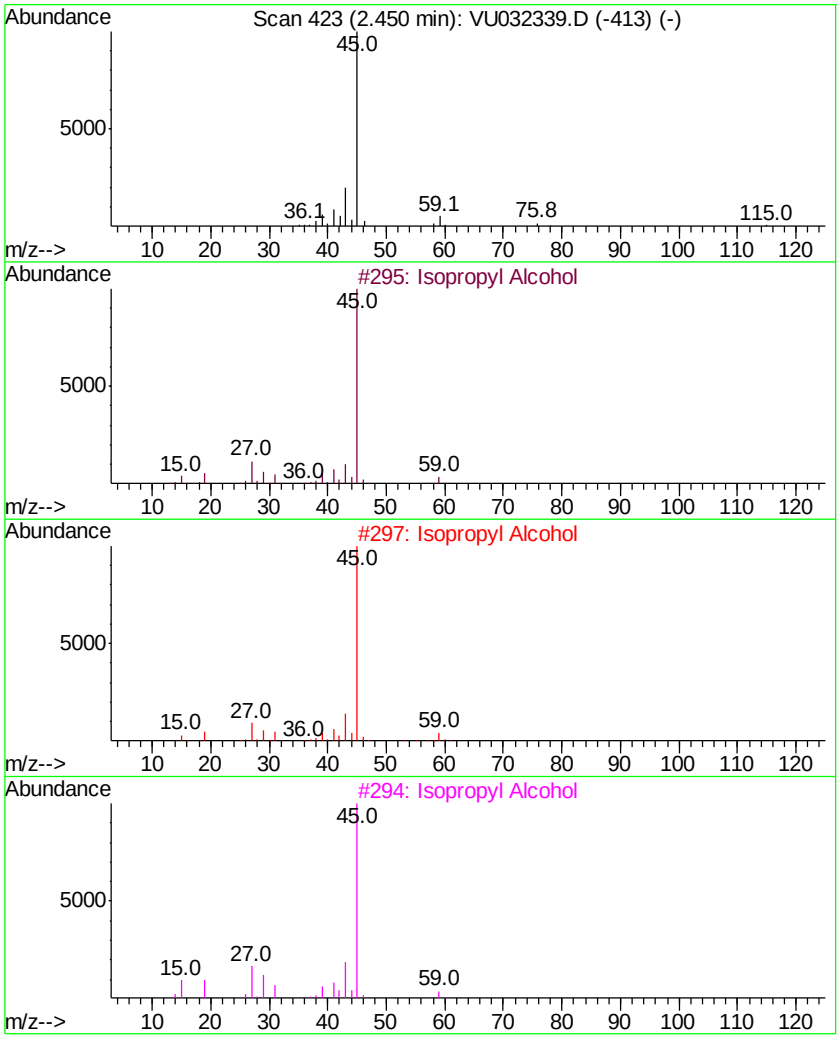
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

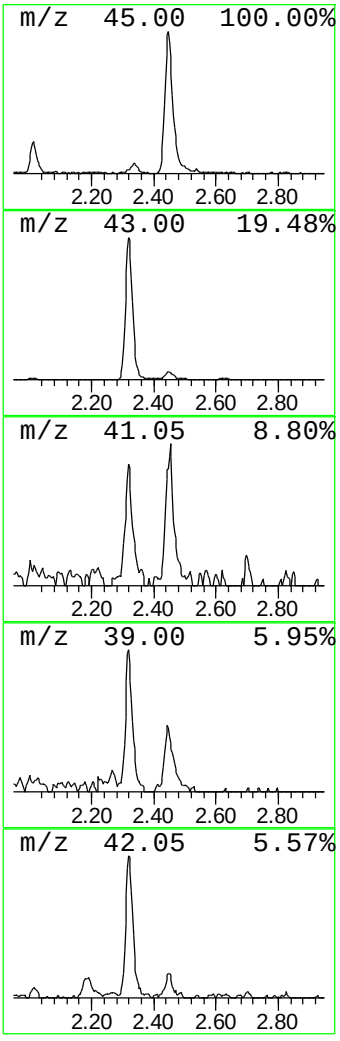
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	2.57 ug/L	86559	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43





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	2.45	2.6	ug/L	86559	1	5.88	1681840	50.0