LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031117.D
Acq On : 12 Apr 2019 10:09
Operator : JC/SP
Sample : K2341-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 109 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB735

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\SOMULM040519WMA.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	23	28	34	rBV2	19503	18015	0.89%	0.116%
2	1.396	88	95	108	rBV	345478	359850	17.81%	2.309%
3	1.675	174	182	202	rVB	239897	317021	15.69%	2.034%
4	2.267	356	366	378	rBV	498893	747894	37.01%	4.799%
5	2.437	408	419	435	rBV	67806	127531	6.31%	0.818%
6	2.633	477	480	485	rVB3	770	612	0.03%	0.004%
7	2.695	494	499	508	rVB7	2069	3272	0.16%	0.021%
8	2.743	511	514	518	rVB3	753	635	0.03%	0.004%
9	2.833	533	542	551	rVB3	5657	9762	0.48%	0.063%
10	2.987	585	590	594	rBV3	727	752	0.04%	0.005%
11	3.106	625	627	632	rVB2	818	571	0.03%	0.004%
12	3.222	660	663	671	rVB3	1048	1165	0.06%	0.007%
13	3.373	706	710	713	rBV	1093	830	0.04%	0.005%
14	3.511	749	753	756	rVV	787	734	0.04%	0.005%
15	3.527	756	758	762	rVB	837	579	0.03%	0.004%
16	3.556	763	767	772	rBV2	667	735	0.04%	0.005%
17	3.778	830	836	845	rBV4	798	1272	0.06%	0.008%
18	3.820	845	849	852	rVB3	788	608	0.03%	0.004%
19	3.842	852	856	860	rBV2	823	614	0.03%	0.004%
20	3.916	875	879	885	rBV3	791	799	0.04%	0.005%
21	4.170	946	958	999	rBV	188326	554508	27.44%	3.558%
22	4.514	1061	1065	1068	rBV4	781	665	0.03%	0.004%
23	4.543	1071	1074	1079	rVB3	783	761	0.04%	0.005%
24	4.640	1086	1104	1131	rBV2	318803	786347	38.92%	5.045%
25	4.784	1147	1149	1157	rVB5	1226	975	0.05%	0.006%
26	4.887	1170	1181	1184	rBV5	2113	2969	0.15%	0.019%
27	5.051	1228	1232	1238	rVB6	630	650	0.03%	0.004%
28	5.151	1259	1263	1267	rVV4	818	608	0.03%	0.004%
29	5.334	1296	1320	1352	rBV2	669607	2020537	100.00%	12.964%
30	5.521	1376	1378	1386	rVB6	2034	2174	0.11%	0.014%
31	5.620	1406	1409	1415	rVB5	1685	1456	0.07%	0.009%
32	5.665	1419	1423	1426	rVB4	1302	922	0.05%	0.006%
33	5.701	1431	1434	1438	rBV4	711	631	0.03%	0.004%
34	5.881	1476	1490	1515	rBV	606201	1225295	60.64%	7.862%

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ALS Vial : 109 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB735

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\SOMULM040519WMA.M
Title : VOC Analysis

35	6.186	1572	1585	1592	rBV	7223	15521	0.77%	0.100%
36	6.257	1603	1607	1610	rBV4	999	960	0.05%	0.006%
37	6.325	1613	1628	1654	rBV	438718	903440	44.71%	5.797%
38	6.604	1712	1715	1717	rBV2	890	675	0.03%	0.004%
39	6.807	1772	1778	1779	rBV2	860	781	0.04%	0.005%
40	6.829	1780	1785	1792	rVB6	1291	1632	0.08%	0.010%
41	6.887	1797	1803	1806	rBV4	827	724	0.04%	0.005%
42	6.919	1809	1813	1821	rVB3	682	816	0.04%	0.005%
43	7.061	1853	1857	1861	rBV3	577	619	0.03%	0.004%
44	7.225	1896	1908	1931	rBV	237246	437308	21.64%	2.806%
45	7.382	1951	1957	1967	rVB8	3197	5217	0.26%	0.033%
46	7.479	1982	1987	1992	rBV5	857	887	0.04%	0.006%
47	7.563	2000	2013	2040	rBV	849844	1534987	75.97%	9.849%
48	7.845	2091	2101	2123	rBV	159109	292760	14.49%	1.878%
49	8.061	2163	2168	2171	rBV5	1212	1061	0.05%	0.007%
50	8.173	2193	2203	2210	rBV6	2932	5105	0.25%	0.033%
51	8.228	2210	2220	2234	rVB4	18418	33254	1.65%	0.213%
52	8.308	2234	2245	2289	rBV	516401	1094688	54.18%	7.024%
53	8.659	2351	2354	2359	rVB6	971	713	0.04%	0.005%
54	8.845	2410	2412	2419	rVB3	658	598	0.03%	0.004%
55	8.993	2456	2458	2467	rVB3	1131	1077	0.05%	0.007%
56	9.087	2473	2487	2512	rBV	886781	1532316	75.84%	9.832%
57	9.318	2556	2559	2563	rVB3	865	596	0.03%	0.004%
58	9.341	2563	2566	2570	rVB4	758	585	0.03%	0.004%
59	9.370	2570	2575	2579	rBV5	1470	1497	0.07%	0.010%
60	9.579	2637	2640	2645	rVB3	926	637	0.03%	0.004%
61	9.607	2646	2649	2654	rVB2	636	624	0.03%	0.004%
62	9.646	2659	2661	2667	rVB4	891	653	0.03%	0.004%
63	9.675	2667	2670	2674	rBV3	824	740	0.04%	0.005%
64	9.919	2741	2746	2751	rBV3	987	1196	0.06%	0.008%
65	10.202	2831	2834	2837	rBV2	1105	875	0.04%	0.006%
66	10.260	2848	2852	2856	rVV5	862	652	0.03%	0.004%
67	10.427	2892	2904	2927	rBV	581206	942973	46.67%	6.050%
68	10.607	2955	2960	2965	rVB5	2437	2673	0.13%	0.017%
69	10.652	2969	2974	2978	rVB5	1155	1060	0.05%	0.007%
70	10.903	3044	3052	3055	rBV4	1069	1328	0.07%	0.009%
71	10.993	3078	3080	3085	rVB2	1108	698	0.03%	0.004%

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ALS Vial : 109 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB735

Integration Parameters: LSCINT.P
Integrator: RTE
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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\SOMULM040519WMA.M
Title : VOC Analysis

72	11.051	3095	3098	3104	rVB3	734	607	0.03%	0.004%
73	11.086	3104	3109	3111	rBV2	909	710	0.04%	0.005%
74	11.177	3133	3137	3139	rBV3	890	726	0.04%	0.005%
75	11.286	3169	3171	3175	rVB2	817	592	0.03%	0.004%
76	11.479	3218	3231	3254	rBV	787829	1299405	64.31%	8.337%
77	11.762	3316	3319	3324	rBV5	1263	1049	0.05%	0.007%
78	11.855	3336	3348	3370	rBV	741247	1250581	61.89%	8.024%
79	12.385	3508	3513	3515	rBV3	832	769	0.04%	0.005%
80	12.430	3524	3527	3530	rBV2	1210	658	0.03%	0.004%
81	12.463	3531	3537	3540	rBV6	712	900	0.04%	0.006%
82	12.533	3555	3559	3563	rBV4	663	749	0.04%	0.005%
83	12.646	3592	3594	3600	rVB3	1184	864	0.04%	0.006%
84	12.678	3600	3604	3606	rBV2	1059	847	0.04%	0.005%
85	12.874	3660	3665	3669	rBV3	972	1236	0.06%	0.008%
86	12.932	3680	3683	3687	rBV3	799	728	0.04%	0.005%
87	13.086	3728	3731	3734	rBV3	1141	738	0.04%	0.005%
88	13.176	3756	3759	3761	rBV2	1071	712	0.04%	0.005%
89	13.247	3777	3781	3787	rVB4	656	569	0.03%	0.004%
90	13.276	3787	3790	3793	rBV2	914	637	0.03%	0.004%
91	13.469	3847	3850	3856	rBV4	839	965	0.05%	0.006%
92	13.498	3856	3859	3864	rVB2	1105	1083	0.05%	0.007%
93	13.739	3930	3934	3937	rBV2	1217	941	0.05%	0.006%
94	13.855	3967	3970	3975	rVB3	855	813	0.04%	0.005%
95	13.977	4004	4008	4010	rBV3	714	597	0.03%	0.004%
96	14.688	4227	4229	4232	rVB3	1295	724	0.04%	0.005%
97	14.864	4280	4284	4287	rVB2	1138	902	0.04%	0.006%
98	14.887	4288	4291	4293	rBV	889	654	0.03%	0.004%
99	15.395	4446	4449	4451	rBV3	1460	885	0.04%	0.006%
100	15.993	4632	4635	4638	rBV5	1534	1420	0.07%	0.009%

Sum of corrected areas: 15585736

LSC Report - Integrated Chromatogram

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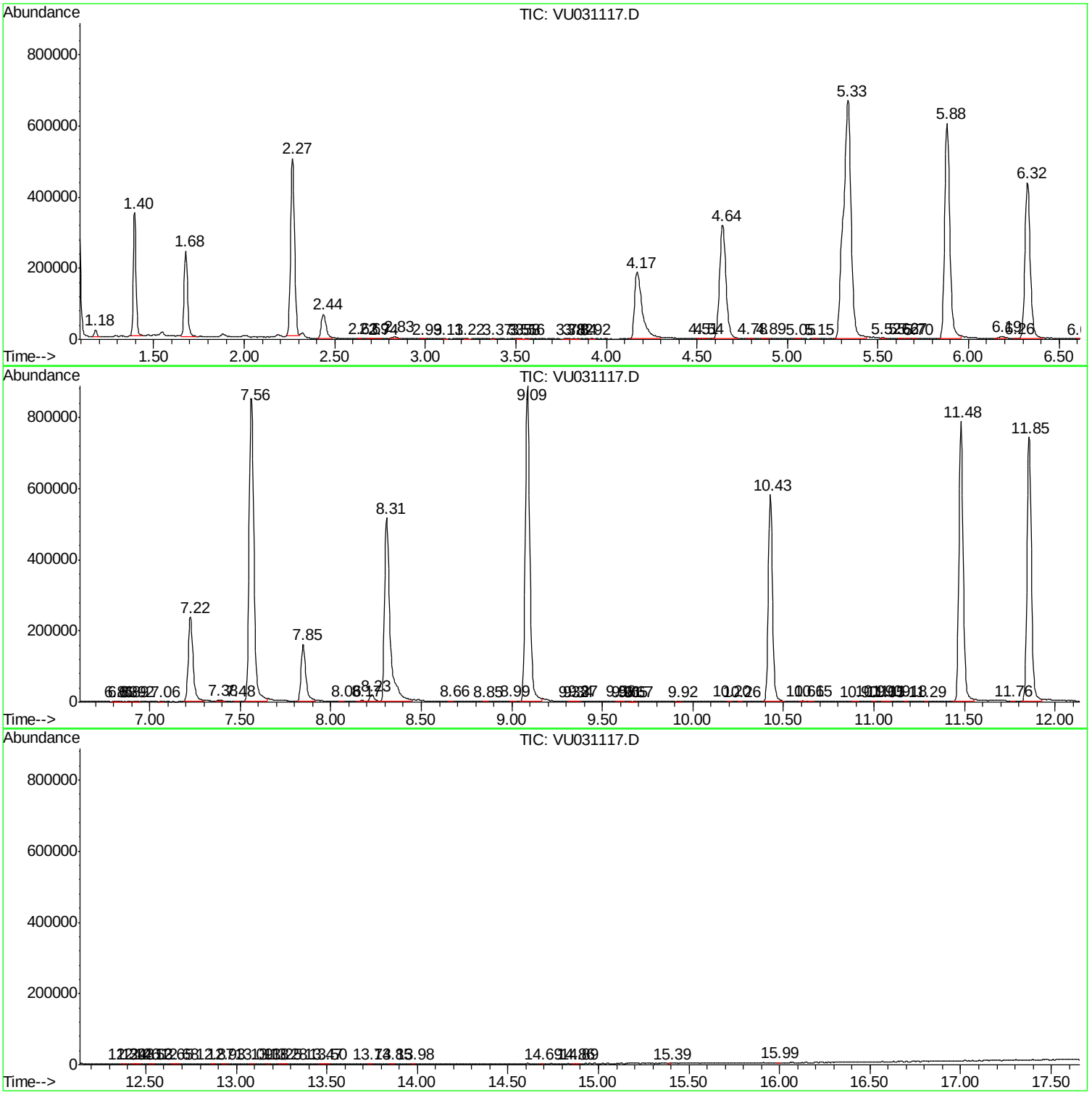
ALS Vial : 109 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB735

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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\VU041119\
Data File : VU031117.D
Acq On : 12 Apr 2019 10:09
Operator : JC/SP
Sample : K2341-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 109 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB735

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

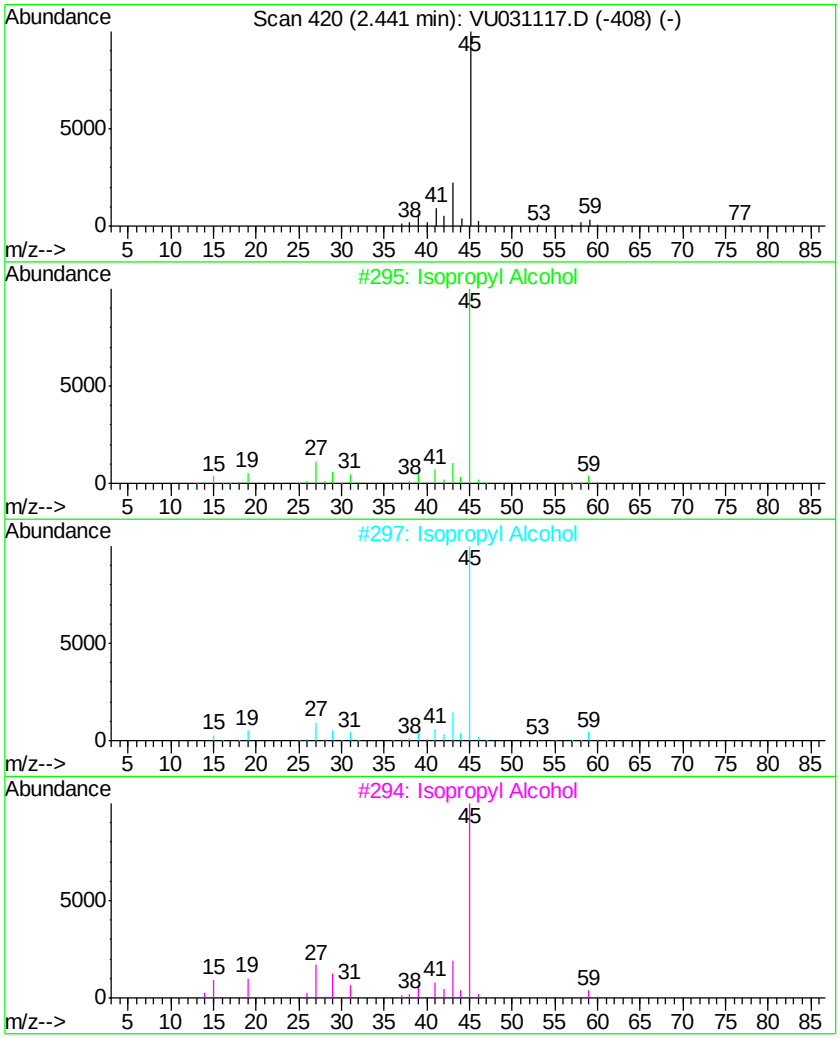
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

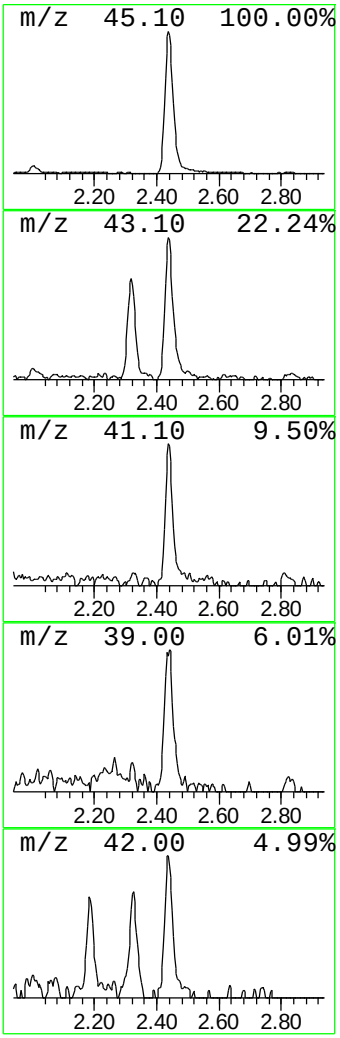
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.20 ug/L	127531	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	80
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
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	2.44	5.2	ug/L	127531	1	5.88	1225300	50.0