LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030124.D
Acq On : 15 Mar 2019 20:25
Operator : JC/SP
Sample : K1917-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09G3

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\SOMULM031319WMA.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	1.183	25	29	37	rVB	13346	12062	0.76%	0.089%
2	1.399	89	96	110	rBV	195630	195666	12.29%	1.446%
3	1.678	176	183	197	rVB	157844	195476	12.28%	1.445%
4	2.270	357	367	379	rBV	328743	493354	30.99%	3.647%
5	2.444	411	421	437	rBV	76917	137736	8.65%	1.018%
6	3.006	593	596	598	rBV	1097	827	0.05%	0.006%
7	3.125	630	633	638	rVB	1299	950	0.06%	0.007%
8	3.186	642	652	667	rBV4	9041	21510	1.35%	0.159%
9	3.296	683	686	689	rBV	1414	968	0.06%	0.007%
10	3.357	702	705	709	rVB2	1184	778	0.05%	0.006%
11	3.434	720	729	741	rVB4	5783	10751	0.68%	0.079%
12	3.556	764	767	770	rVB	1536	942	0.06%	0.007%
13	3.804	837	844	851	rBV2	989	1960	0.12%	0.014%
14	3.887	867	870	873	rBV	1121	852	0.05%	0.006%
15	4.009	903	908	911	rBV2	931	996	0.06%	0.007%
16	4.067	923	926	929	rVB	1106	746	0.05%	0.006%
17	4.177	948	960	995	rBV	154693	417543	26.23%	3.087%
18	4.389	1016	1026	1044	rBV	21867	52368	3.29%	0.387%
19	4.546	1071	1075	1083	rBV2	1785	2111	0.13%	0.016%
20	4.646	1090	1106	1124	rBV	265534	624151	39.21%	4.614%
21	4.881	1175	1179	1180	rBV2	1323	898	0.06%	0.007%
22	4.890	1180	1182	1186	rVB2	1598	1064	0.07%	0.008%
23	5.022	1221	1223	1228	rBV3	1063	895	0.06%	0.007%
24	5.051	1228	1232	1238	rVB	1714	1828	0.11%	0.014%
25	5.132	1253	1257	1260	rBV	1163	1105	0.07%	0.008%
26	5.173	1266	1270	1273	rBV	960	847	0.05%	0.006%
27	5.337	1298	1321	1356	rBV2	537025	1591935	100.00%	11.768%
28	5.800	1460	1465	1474	rVB5	2936	5013	0.31%	0.037%
29	5.884	1477	1491	1524	rBV	556658	1133600	71.21%	8.380%
30	6.064	1545	1547	1553	rVB	1736	1266	0.08%	0.009%
31	6.099	1554	1558	1561	rBV	1210	1141	0.07%	0.008%
32	6.138	1566	1570	1576	rVB	1240	1320	0.08%	0.010%
33	6.328	1615	1629	1653	rBV	354614	724899	45.54%	5.359%
34	6.579	1702	1707	1710	rBV2	953	970	0.06%	0.007%

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09G3

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\SOMULM031319WMA.M
Title : VOC Analysis

35	6.595	1710	1712	1719	rVB2	1413	1066	0.07%	0.008%
36	6.636	1719	1725	1728	rBV	1585	1503	0.09%	0.011%
37	6.659	1728	1732	1736	rVB2	1270	976	0.06%	0.007%
38	6.733	1751	1755	1758	rBV2	778	814	0.05%	0.006%
39	6.759	1760	1763	1767	rVB2	1517	963	0.06%	0.007%
40	6.820	1776	1782	1784	rBV3	2520	2773	0.17%	0.020%
41	6.878	1797	1800	1803	rBV3	1468	1140	0.07%	0.008%
42	6.968	1826	1828	1832	rVB2	1739	1111	0.07%	0.008%
43	7.013	1836	1842	1845	rBV	1364	1391	0.09%	0.010%
44	7.122	1871	1876	1882	rVB3	1292	1859	0.12%	0.014%
45	7.154	1882	1886	1888	rBV	1440	1107	0.07%	0.008%
46	7.225	1897	1908	1928	rBV	174421	320663	20.14%	2.371%
47	7.392	1948	1960	1972	rVB3	18289	34207	2.15%	0.253%
48	7.562	1999	2013	2041	rBV	706292	1292624	81.20%	9.556%
49	7.730	2062	2065	2070	rBV2	1580	1490	0.09%	0.011%
50	7.797	2082	2086	2091	rBV2	1741	1737	0.11%	0.013%
51	7.849	2091	2102	2135	rVB	118090	217657	13.67%	1.609%
52	8.003	2145	2150	2151	rBV	1372	1187	0.07%	0.009%
53	8.061	2165	2168	2170	rBV3	1438	939	0.06%	0.007%
54	8.077	2170	2173	2178	rVB	1322	1311	0.08%	0.010%
55	8.180	2195	2205	2216	rBV3	18347	33723	2.12%	0.249%
56	8.308	2234	2245	2278	rBV	535148	961220	60.38%	7.106%
57	8.668	2353	2357	2359	rBV	1376	1014	0.06%	0.007%
58	8.791	2393	2395	2399	rVB	1126	738	0.05%	0.005%
59	8.823	2402	2405	2410	rVB	1339	1187	0.07%	0.009%
60	8.852	2411	2414	2422	rVB2	1719	1833	0.12%	0.014%
61	8.897	2422	2428	2430	rBV	1636	1739	0.11%	0.013%
62	9.035	2467	2471	2473	rVV	1211	997	0.06%	0.007%
63	9.086	2475	2487	2521	rVV	823708	1416623	88.99%	10.472%
64	9.299	2549	2553	2555	rBV2	2004	1489	0.09%	0.011%
65	9.363	2566	2573	2578	rBV5	3737	4405	0.28%	0.033%
66	9.707	2677	2680	2682	rBV2	1182	795	0.05%	0.006%
67	9.787	2702	2705	2708	rBV	1093	789	0.05%	0.006%
68	9.858	2722	2727	2729	rBV	938	876	0.06%	0.006%
69	9.935	2741	2751	2756	rBV2	1582	3083	0.19%	0.023%
70	10.000	2767	2771	2776	rBV2	1286	1780	0.11%	0.013%
71	10.067	2789	2792	2795	rVB	1723	1134	0.07%	0.008%

LSC Area Percent Report

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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId : C09G3

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\SOMULM031319WMA.M
Title : VOC Analysis

72	10.090	2795	2799	2801	rBV2	1067	817	0.05%	0.006%
73	10.311	2861	2868	2870	rBV2	1208	1401	0.09%	0.010%
74	10.344	2875	2878	2883	rVB	1393	1131	0.07%	0.008%
75	10.379	2886	2889	2892	rVV2	1341	1230	0.08%	0.009%
76	10.430	2892	2905	2925	rVB	568500	911788	57.28%	6.740%
77	10.604	2952	2959	2968	rBV5	4299	8713	0.55%	0.064%
78	10.739	2998	3001	3005	rBV	1295	970	0.06%	0.007%
79	10.852	3031	3036	3038	rBV3	999	990	0.06%	0.007%
80	11.041	3092	3095	3101	rVB2	1486	1544	0.10%	0.011%
81	11.080	3101	3107	3109	rBV	1204	1352	0.08%	0.010%
82	11.176	3134	3137	3141	rBV2	1129	1139	0.07%	0.008%
83	11.289	3169	3172	3176	rBV	937	750	0.05%	0.006%
84	11.331	3181	3185	3189	rBV3	1564	1677	0.11%	0.012%
85	11.482	3219	3232	3254	rBV	825071	1325422	83.26%	9.798%
86	11.749	3306	3315	3330	rBV2	27418	53711	3.37%	0.397%
87	11.858	3337	3349	3367	rBV	761513	1235921	77.64%	9.137%
88	12.135	3430	3435	3442	rVB3	1841	2135	0.13%	0.016%
89	12.475	3536	3541	3544	rBV3	2027	2214	0.14%	0.016%
90	12.636	3588	3591	3594	rBV2	1079	826	0.05%	0.006%
91	12.710	3611	3614	3618	rVB	1111	824	0.05%	0.006%
92	12.752	3625	3627	3631	rVB	1373	823	0.05%	0.006%
93	12.971	3688	3695	3702	rBV2	2281	3894	0.24%	0.029%
94	13.106	3734	3737	3740	rBV2	1445	1152	0.07%	0.009%
95	13.344	3806	3811	3814	rBV2	2281	2357	0.15%	0.017%
96	13.543	3870	3873	3876	rBV	1611	1002	0.06%	0.007%
97	13.842	3962	3966	3972	rVB	1659	1684	0.11%	0.012%
98	13.942	3995	3997	4000	rVB	1496	845	0.05%	0.006%
99	13.961	4000	4003	4007	rBV	1362	1002	0.06%	0.007%
100	14.157	4060	4064	4068	rVB2	1480	1351	0.08%	0.010%

Sum of corrected areas: 13527136

LSC Report - Integrated Chromatogram

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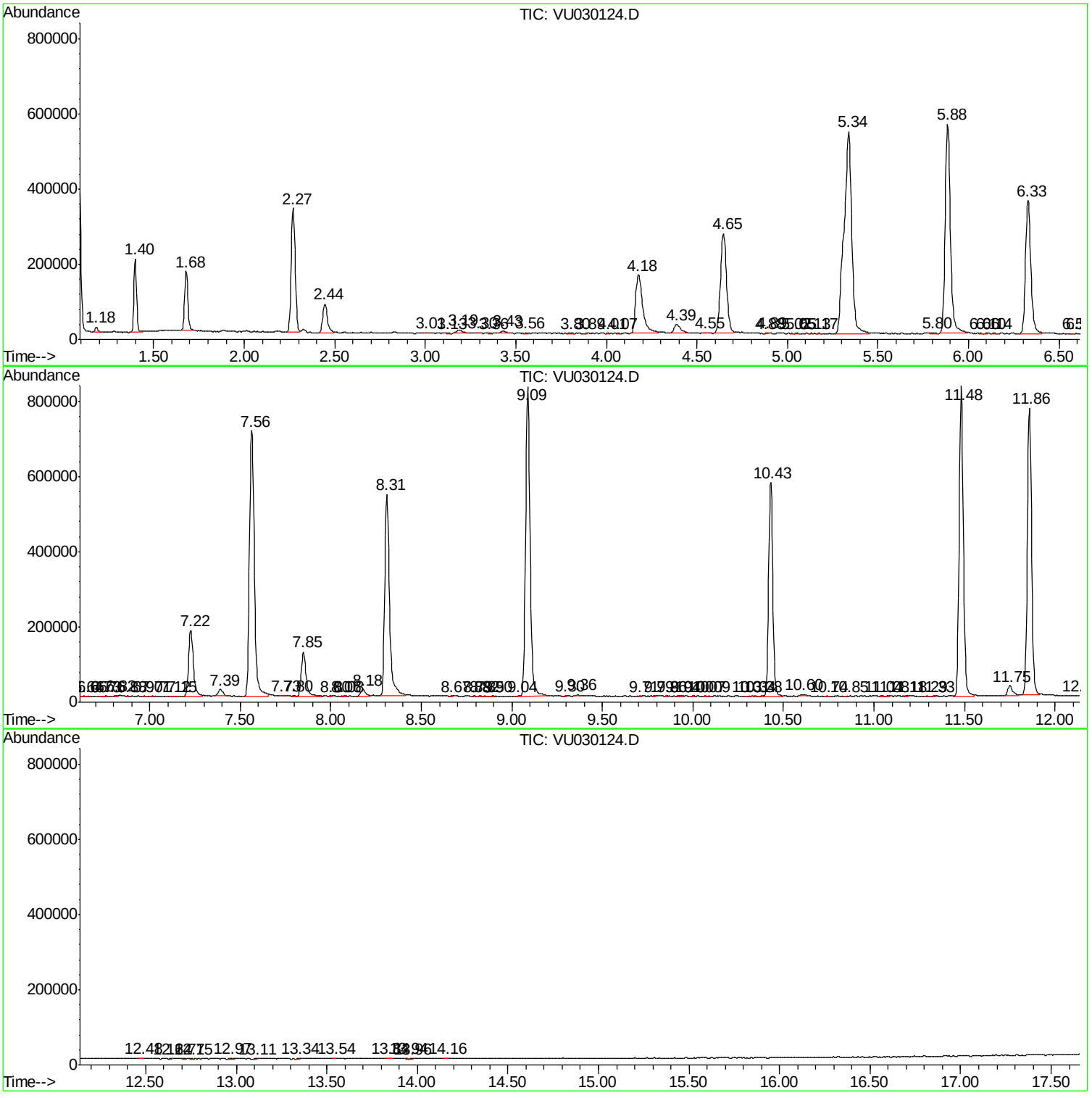
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09G3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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\VU031619\
Data File : VU030124.D
Acq On : 15 Mar 2019 20:25
Operator : JC/SP
Sample : K1917-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09G3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

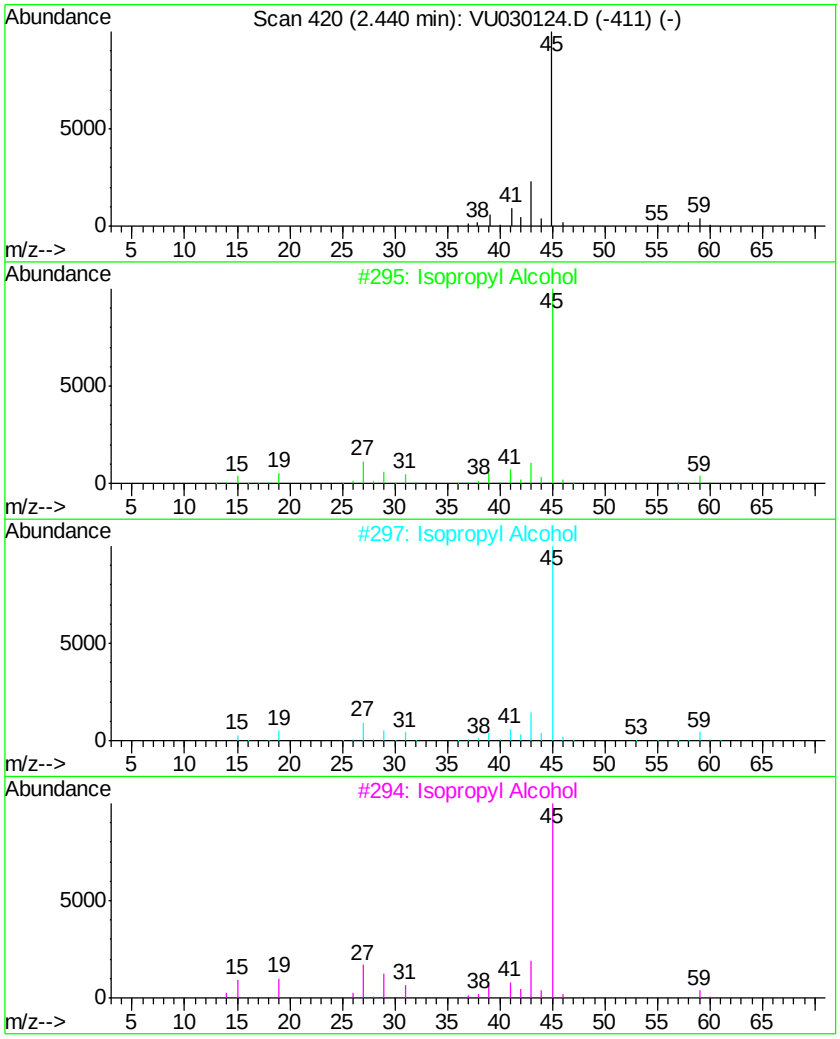
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

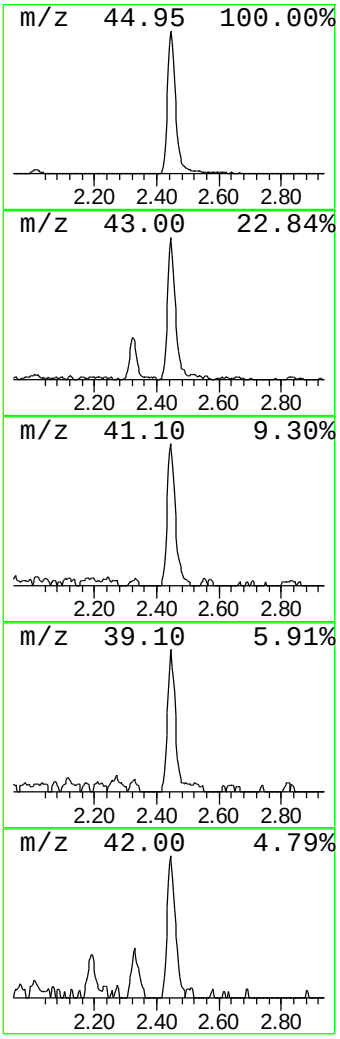
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.08 ug/L	137736	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	56
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





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	6.1	ug/L	137736	1	5.88	1133600	50.0