LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031050.D
Acq On : 11 Apr 2019 07:40
Operator : JC/SP
Sample : K2341-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB714

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	22	28	37	rBV	32819	32143	1.49%	0.187%
2	1.395	87	95	107	rBV	327216	354905	16.42%	2.062%
3	1.469	114	118	124	rVB	14527	13925	0.64%	0.081%
4	1.678	174	183	197	rVB	247138	321472	14.88%	1.868%
5	2.267	353	366	378	rBV	509179	798564	36.96%	4.639%
6	2.437	409	419	441	rVB2	52297	102415	4.74%	0.595%
7	2.694	491	499	504	rBV7	3034	4623	0.21%	0.027%
8	2.836	528	543	557	rBV2	12412	27591	1.28%	0.160%
9	2.916	562	568	569	rBV2	1075	958	0.04%	0.006%
10	2.984	586	589	590	rBV3	878	614	0.03%	0.004%
11	3.109	624	628	633	rVB4	1057	979	0.05%	0.006%
12	3.138	633	637	641	rBV4	780	822	0.04%	0.005%
13	3.183	648	651	653	rBV2	1187	636	0.03%	0.004%
14	3.215	658	661	665	rVB4	950	700	0.03%	0.004%
15	3.415	717	723	726	rBV5	863	850	0.04%	0.005%
16	3.707	807	814	819	rVB3	972	1090	0.05%	0.006%
17	3.846	849	857	861	rBV3	1367	1929	0.09%	0.011%
18	3.865	861	863	868	rVB3	1297	762	0.04%	0.004%
19	3.961	889	893	894	rBV2	1137	674	0.03%	0.004%
20	4.058	920	923	928	rBV3	1089	849	0.04%	0.005%
21	4.128	934	945	946	rBV3	1293	1601	0.07%	0.009%
22	4.170	946	958	987	rBV	236731	664895	30.77%	3.863%
23	4.643	1086	1105	1129	rBV	357930	931148	43.09%	5.409%
24	4.890	1173	1182	1191	rBV8	1835	3427	0.16%	0.020%
25	4.984	1207	1211	1213	rBV3	811	656	0.03%	0.004%
26	5.083	1239	1242	1245	rBV3	1065	617	0.03%	0.004%
27	5.206	1277	1280	1282	rBV2	1168	638	0.03%	0.004%
28	5.251	1289	1294	1295	rVV4	2872	2543	0.12%	0.015%
29	5.334	1299	1320	1346	rVV2	740902	2160860	100.00%	12.553%
30	5.881	1476	1490	1520	rBV	581784	1185335	54.85%	6.886%
31	6.325	1614	1628	1646	rBV	491836	999514	46.26%	5.807%
32	6.543	1689	1696	1698	rBV5	6037	7025	0.33%	0.041%
33	6.752	1751	1761	1774	rVV5	18366	37799	1.75%	0.220%
34	6.865	1792	1796	1798	rBV3	1074	772	0.04%	0.004%

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ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB714

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	6.900	1798	1807	1817	rVV9	5115	10103	0.47%	0.059%
36	7.061	1848	1857	1860	rBV7	1744	2704	0.13%	0.016%
37	7.225	1893	1908	1931	rBV	254427	478776	22.16%	2.781%
38	7.505	1992	1995	1997	rBV2	1057	647	0.03%	0.004%
39	7.562	1998	2013	2035	rBV	927139	1668663	77.22%	9.694%
40	7.845	2091	2101	2117	rBV	170802	315051	14.58%	1.830%
41	8.167	2196	2201	2202	rBV3	2306	1828	0.08%	0.011%
42	8.180	2203	2205	2213	rVB2	4089	3400	0.16%	0.020%
43	8.225	2213	2219	2225	rVB7	1458	1564	0.07%	0.009%
44	8.308	2234	2245	2279	rBV	643070	1310280	60.64%	7.612%
45	8.466	2285	2294	2314	rVB5	78094	149634	6.92%	0.869%
46	8.636	2345	2347	2352	rVB5	1706	989	0.05%	0.006%
47	8.820	2401	2404	2406	rVV2	893	667	0.03%	0.004%
48	8.855	2410	2415	2418	rVB3	900	823	0.04%	0.005%
49	8.990	2454	2457	2459	rBV3	1721	1288	0.06%	0.007%
50	9.086	2475	2487	2507	rBV	857080	1461388	67.63%	8.490%
51	9.279	2545	2547	2551	rVB2	1146	643	0.03%	0.004%
52	9.302	2552	2554	2563	rVB7	1638	1300	0.06%	0.008%
53	9.717	2680	2683	2688	rBV5	955	1106	0.05%	0.006%
54	9.781	2698	2703	2716	rVB7	1341	2551	0.12%	0.015%
55	9.887	2733	2736	2741	rBV3	999	962	0.04%	0.006%
56	9.961	2746	2759	2766	rVV10	3528	8375	0.39%	0.049%
57	10.035	2771	2782	2791	rBV6	15236	25986	1.20%	0.151%
58	10.167	2815	2823	2832	rVB3	9103	14432	0.67%	0.084%
59	10.286	2857	2860	2863	rBV2	1803	1244	0.06%	0.007%
60	10.302	2863	2865	2871	rVB5	961	826	0.04%	0.005%
61	10.347	2874	2879	2882	rBV4	1019	990	0.05%	0.006%
62	10.382	2887	2890	2892	rBV3	956	666	0.03%	0.004%
63	10.427	2892	2904	2930	rVB	664077	1090791	50.48%	6.337%
64	10.520	2930	2933	2935	rBV2	1551	957	0.04%	0.006%
65	10.591	2947	2955	2956	rBV6	1940	2203	0.10%	0.013%
66	10.604	2956	2959	2964	rVB4	2779	3070	0.14%	0.018%
67	10.688	2979	2985	2988	rBV6	2618	2722	0.13%	0.016%
68	10.881	3042	3045	3050	rBV2	949	780	0.04%	0.005%
69	10.948	3062	3066	3069	rBV2	812	676	0.03%	0.004%
70	11.016	3083	3087	3092	rBV5	1493	1208	0.06%	0.007%
71	11.041	3092	3095	3098	rVV3	869	664	0.03%	0.004%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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

72	11.057	3098	3100	3102	rVV3	1572	1042	0.05%	0.006%
73	11.083	3102	3108	3116	rVB6	2800	4392	0.20%	0.026%
74	11.225	3146	3152	3155	rBV3	1178	1048	0.05%	0.006%
75	11.283	3165	3170	3173	rBV5	1609	1835	0.08%	0.011%
76	11.321	3178	3182	3187	rBV5	2874	2295	0.11%	0.013%
77	11.369	3189	3197	3210	rBV3	37232	64583	2.99%	0.375%
78	11.479	3220	3231	3257	rBV	820517	1330292	61.56%	7.728%
79	11.771	3313	3322	3323	rBV7	6734	8447	0.39%	0.049%
80	11.855	3336	3348	3366	rBV	870454	1447268	66.98%	8.408%
81	12.350	3495	3502	3512	rBV4	13018	20543	0.95%	0.119%
82	12.466	3534	3538	3539	rBV3	1193	837	0.04%	0.005%
83	12.540	3554	3561	3563	rBV5	1603	1770	0.08%	0.010%
84	12.575	3563	3572	3585	rBV7	19381	41475	1.92%	0.241%
85	12.700	3605	3611	3624	rVB7	8431	17252	0.80%	0.100%
86	12.752	3625	3627	3633	rVB7	2017	1686	0.08%	0.010%
87	12.791	3635	3639	3643	rVB5	2505	2281	0.11%	0.013%
88	12.922	3677	3680	3685	rBV5	1501	1017	0.05%	0.006%
89	12.967	3688	3694	3699	rBV7	4018	5252	0.24%	0.031%
90	13.090	3729	3732	3734	rBV3	1151	753	0.03%	0.004%
91	13.122	3735	3742	3753	rVB3	11901	18062	0.84%	0.105%
92	13.324	3802	3805	3809	rBV5	967	689	0.03%	0.004%
93	13.575	3880	3883	3887	rBV5	1543	1213	0.06%	0.007%
94	13.729	3928	3931	3939	rBV6	1325	1485	0.07%	0.009%
95	13.774	3939	3945	3947	rBV5	1115	958	0.04%	0.006%
96	13.794	3947	3951	3953	rBV2	853	694	0.03%	0.004%
97	14.057	4031	4033	4038	rVB5	1235	878	0.04%	0.005%
98	14.385	4130	4135	4136	rBV	1124	915	0.04%	0.005%
99	14.552	4185	4187	4190	rBV2	1289	704	0.03%	0.004%
100	14.633	4210	4212	4215	rBV3	1049	666	0.03%	0.004%

Sum of corrected areas: 17213620

LSC Report - Integrated Chromatogram

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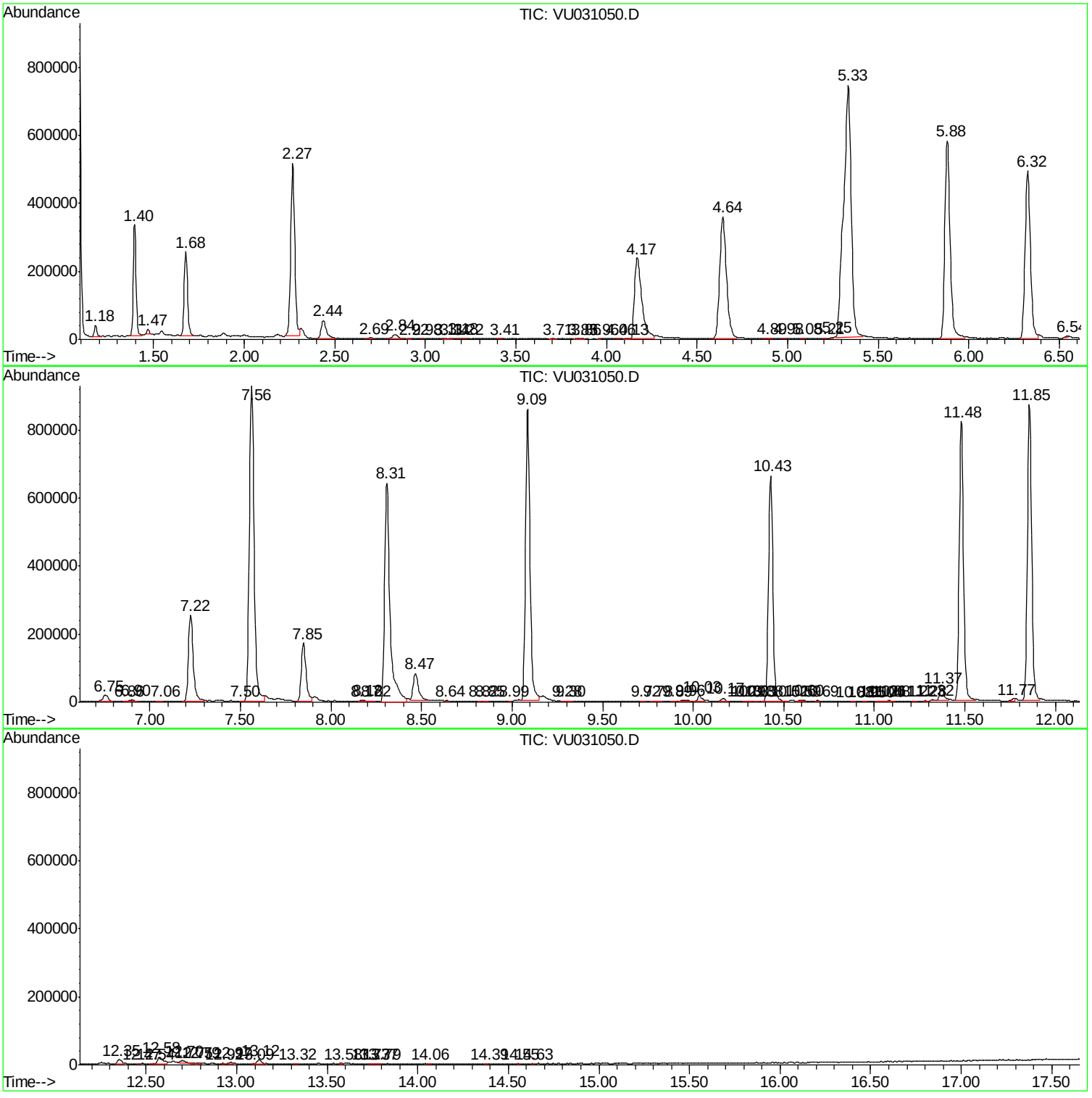
Instrument : MSVOA_U
ClientSampleId : DB714

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 : VU031050.D
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB714

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

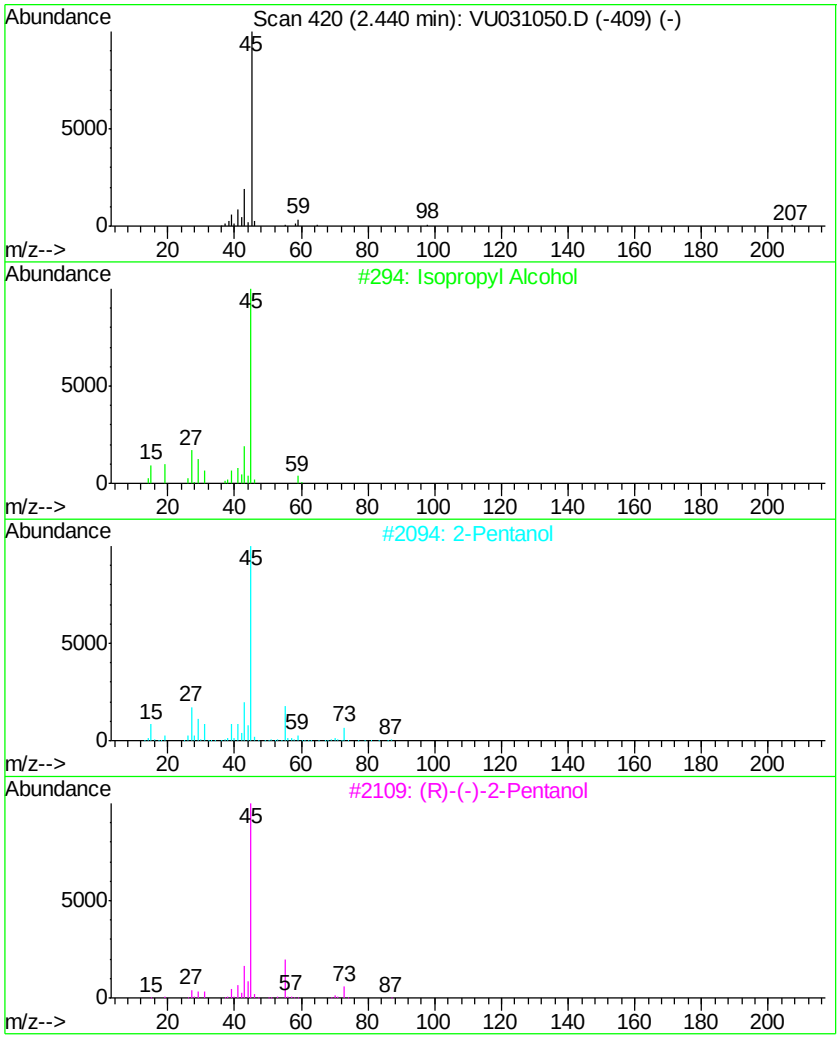
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

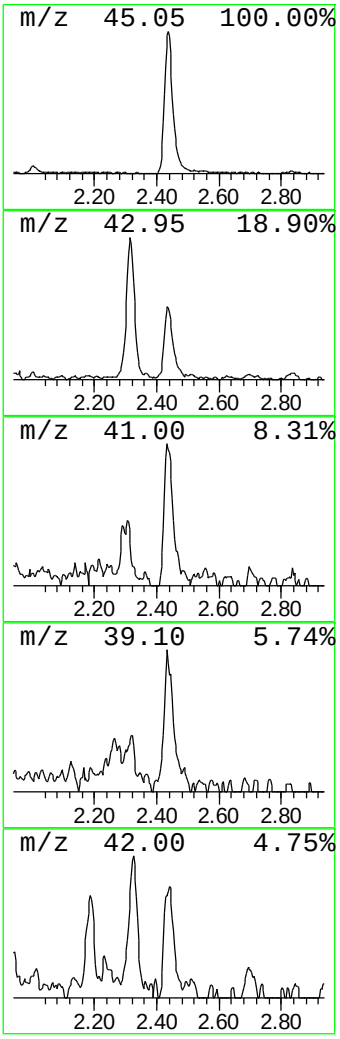
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.32 ug/L	102415	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
2	2-Pentanol	88	C5H12O	006032-29-7	9
3	(R)-(-)-2-Pentanol	88	C5H12O	031087-44-2	9
4	2-Propanol, 1-bromo-	138	C3H7BrO	019686-73-8	9
5	E-1-Methoxy-3-hexene	114	C7H14O	121441-40-5	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	4.3	ug/L	102415	1	5.88	1185340	50.0