LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031156.D
Acq On : 13 Apr 2019 15:07
Operator : JC/SP
Sample : K2299-31
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

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	37	rBV3	20272	20769	0.86%	0.115%
2	1.396	88	95	111	rVB2	367826	413393	17.15%	2.284%
3	1.469	114	118	127	rVB	31369	31710	1.32%	0.175%
4	1.675	174	182	198	rVB	211103	265089	11.00%	1.464%
5	2.267	354	366	376	rBV	429514	670067	27.80%	3.702%
6	2.315	376	381	394	rVB	45537	73263	3.04%	0.405%
7	2.440	409	420	445	rBV2	52161	105360	4.37%	0.582%
8	2.694	491	499	510	rVB3	7338	11411	0.47%	0.063%
9	2.778	522	525	529	rBV4	763	547	0.02%	0.003%
10	2.833	529	542	556	rVB2	13052	28025	1.16%	0.155%
11	2.916	566	568	576	rVB5	566	624	0.03%	0.003%
12	2.981	576	588	600	rBV3	11260	20445	0.85%	0.113%
13	3.190	641	653	660	rBV4	2900	5809	0.24%	0.032%
14	3.440	726	731	733	rBV2	858	728	0.03%	0.004%
15	3.518	752	755	760	rVB3	760	617	0.03%	0.003%
16	3.566	765	770	772	rVV2	574	524	0.02%	0.003%
17	3.627	785	789	792	rVB4	684	541	0.02%	0.003%
18	3.717	812	817	820	rBV4	460	411	0.02%	0.002%
19	3.868	860	864	868	rVB3	688	506	0.02%	0.003%
20	4.006	896	907	912	rBV7	2048	3519	0.15%	0.019%
21	4.064	922	925	929	rVB2	873	500	0.02%	0.003%
22	4.219	946	973	1009	rBV2	785878	2410078	100.00%	13.314%
23	4.643	1088	1105	1131	rBV2	300065	804331	33.37%	4.443%
24	4.791	1149	1151	1152	rBV2	1236	464	0.02%	0.003%
25	4.955	1199	1202	1204	rBV2	1099	731	0.03%	0.004%
26	4.981	1207	1210	1218	rVB6	1734	1795	0.07%	0.010%
27	5.051	1222	1232	1235	rBV5	855	1254	0.05%	0.007%
28	5.157	1262	1265	1267	rBV	900	702	0.03%	0.004%
29	5.193	1274	1276	1281	rVB4	873	622	0.03%	0.003%
30	5.334	1297	1320	1349	rBV4	624590	1846387	76.61%	10.200%
31	5.881	1477	1490	1515	rVV	568934	1125980	46.72%	6.220%
32	6.180	1570	1583	1611	rBV	564708	1110839	46.09%	6.137%
33	6.325	1615	1628	1654	rVV	406910	830332	34.45%	4.587%
34	6.543	1689	1696	1704	rBV7	7809	14189	0.59%	0.078%

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

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	6.755	1750	1762	1774	rBV3	18048	34339	1.42%	0.190%
36	6.884	1798	1802	1804	rBV2	580	495	0.02%	0.003%
37	7.022	1841	1845	1848	rBV4	812	681	0.03%	0.004%
38	7.225	1896	1908	1932	rBV	215374	392596	16.29%	2.169%
39	7.337	1940	1943	1945	rVB3	1169	593	0.02%	0.003%
40	7.463	1979	1982	1984	rBV	759	490	0.02%	0.003%
41	7.495	1988	1992	1993	rBV3	844	465	0.02%	0.003%
42	7.562	2000	2013	2033	rBV	751651	1352172	56.10%	7.470%
43	7.849	2092	2102	2118	rBV2	146741	263344	10.93%	1.455%
44	8.144	2191	2194	2195	rVV2	650	408	0.02%	0.002%
45	8.173	2196	2203	2208	rVV4	5847	7479	0.31%	0.041%
46	8.225	2208	2219	2234	rVV	172905	295909	12.28%	1.635%
47	8.308	2235	2245	2283	rVV	506810	1013483	42.05%	5.599%
48	8.463	2284	2293	2318	rVB3	126189	233795	9.70%	1.292%
49	8.736	2376	2378	2382	rVB3	1190	689	0.03%	0.004%
50	8.784	2390	2393	2395	rBV2	626	410	0.02%	0.002%
51	8.871	2418	2420	2423	rVB3	951	405	0.02%	0.002%
52	8.955	2442	2446	2448	rVB4	658	469	0.02%	0.003%
53	8.977	2448	2453	2454	rBV3	727	476	0.02%	0.003%
54	9.038	2469	2472	2474	rBV2	904	703	0.03%	0.004%
55	9.087	2474	2487	2507	rBV	806589	1390648	57.70%	7.682%
56	9.331	2558	2563	2566	rBV3	858	724	0.03%	0.004%
57	9.402	2583	2585	2589	rBV4	659	479	0.02%	0.003%
58	9.437	2594	2596	2598	rBV2	663	415	0.02%	0.002%
59	9.498	2613	2615	2618	rBV4	629	436	0.02%	0.002%
60	9.556	2630	2633	2635	rBV2	808	402	0.02%	0.002%
61	9.726	2684	2686	2689	rBV2	730	423	0.02%	0.002%
62	9.742	2689	2691	2698	rVB2	1058	840	0.03%	0.005%
63	9.791	2704	2706	2710	rVV4	1112	560	0.02%	0.003%
64	9.855	2722	2726	2731	rBV4	1287	1132	0.05%	0.006%
65	9.913	2738	2744	2745	rBV3	626	549	0.02%	0.003%
66	9.958	2751	2758	2766	rVB7	1836	2724	0.11%	0.015%
67	10.035	2773	2782	2791	rBV8	14898	26070	1.08%	0.144%
68	10.173	2824	2825	2832	rVB4	1056	935	0.04%	0.005%
69	10.427	2892	2904	2927	rVV	558381	916414	38.02%	5.063%
70	10.604	2951	2959	2964	rBV4	5356	7363	0.31%	0.041%
71	10.652	2971	2974	2977	rBV	649	528	0.02%	0.003%

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ALS Vial : 6 Sample Multiplier: 1

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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	10.739	2998	3001	3005	rBV4	1093	777	0.03%	0.004%
73	10.758	3005	3007	3011	rVV3	817	541	0.02%	0.003%
74	10.906	3049	3053	3056	rBV2	511	531	0.02%	0.003%
75	10.977	3074	3075	3080	rVB3	685	474	0.02%	0.003%
76	11.016	3080	3087	3091	rBV3	1041	1361	0.06%	0.008%
77	11.109	3113	3116	3120	rVB4	661	506	0.02%	0.003%
78	11.151	3127	3129	3132	rBV2	845	536	0.02%	0.003%
79	11.308	3174	3178	3180	rBV2	790	552	0.02%	0.003%
80	11.373	3190	3198	3210	rBV6	18888	36197	1.50%	0.200%
81	11.482	3220	3232	3258	rBV	691425	1131229	46.94%	6.249%
82	11.762	3315	3319	3320	rBV3	1487	1099	0.05%	0.006%
83	11.858	3335	3349	3372	rBV	674969	1136308	47.15%	6.277%
84	12.048	3405	3408	3411	rBV3	1172	702	0.03%	0.004%
85	12.186	3449	3451	3455	rVB3	902	539	0.02%	0.003%
86	12.321	3491	3493	3496	rBV2	765	560	0.02%	0.003%
87	12.492	3535	3546	3549	rBV8	2486	3680	0.15%	0.020%
88	12.578	3561	3573	3584	rBV10	9501	24106	1.00%	0.133%
89	12.881	3665	3667	3671	rVB3	1383	847	0.04%	0.005%
90	13.154	3747	3752	3754	rBV3	1025	1000	0.04%	0.006%
91	13.199	3763	3766	3768	rBV2	934	600	0.02%	0.003%
92	13.302	3796	3798	3803	rVB3	1157	753	0.03%	0.004%
93	13.350	3809	3813	3815	rBV2	794	623	0.03%	0.003%
94	13.498	3855	3859	3864	rBV4	1077	1102	0.05%	0.006%
95	13.546	3870	3874	3877	rBV4	1461	1310	0.05%	0.007%
96	13.562	3877	3879	3882	rVV2	1018	508	0.02%	0.003%
97	13.903	3982	3985	3988	rBV3	1200	831	0.03%	0.005%
98	14.057	4030	4033	4036	rBV2	1129	753	0.03%	0.004%
99	14.446	4149	4154	4157	rBV4	1309	1449	0.06%	0.008%
100	14.549	4183	4186	4188	rBV2	1273	830	0.03%	0.005%

Sum of corrected areas: 18101909

LSC Report - Integrated Chromatogram

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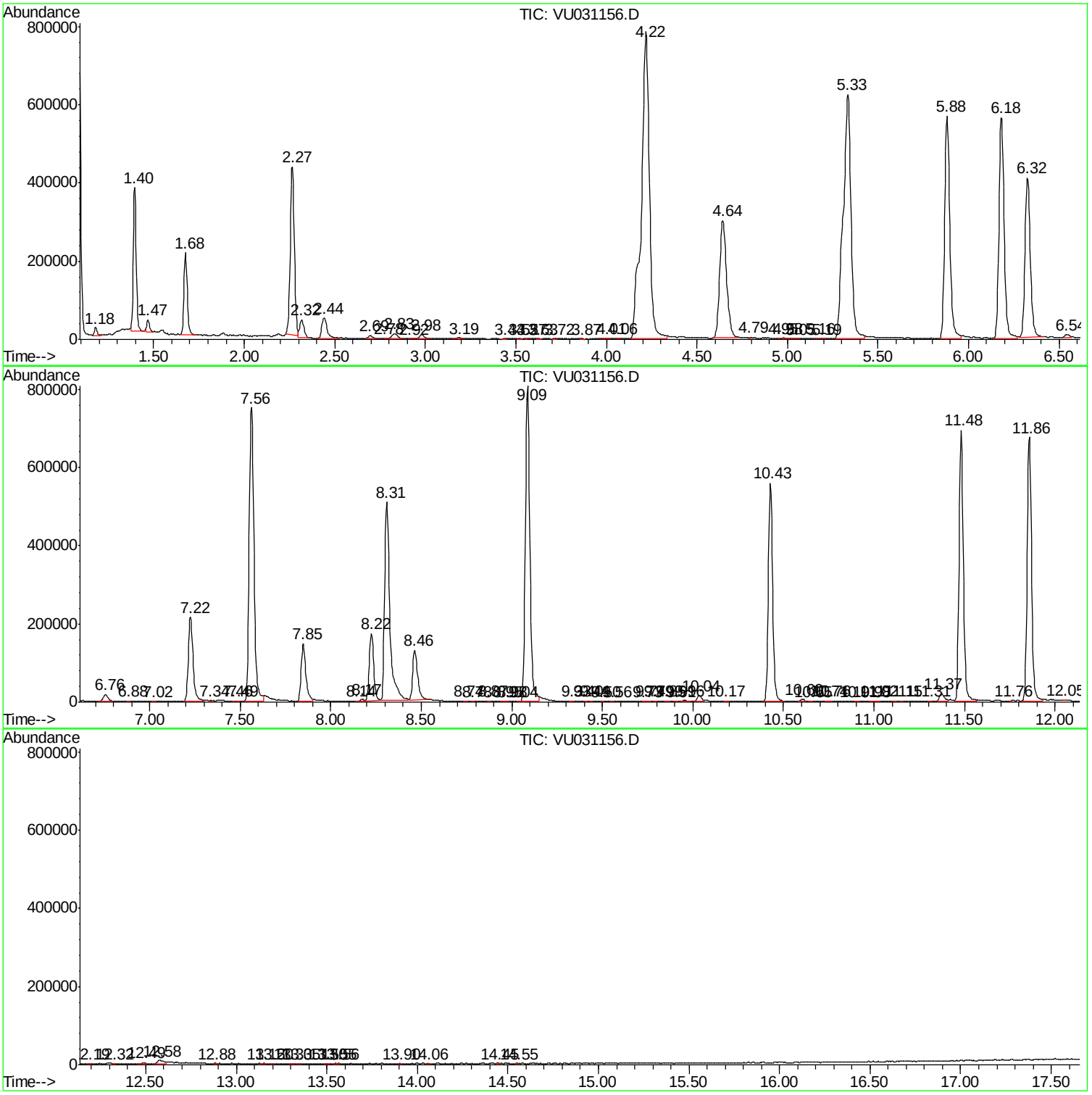
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

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\VU041319\
Data File : VU031156.D
Acq On : 13 Apr 2019 15:07
Operator : JC/SP
Sample : K2299-31
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

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

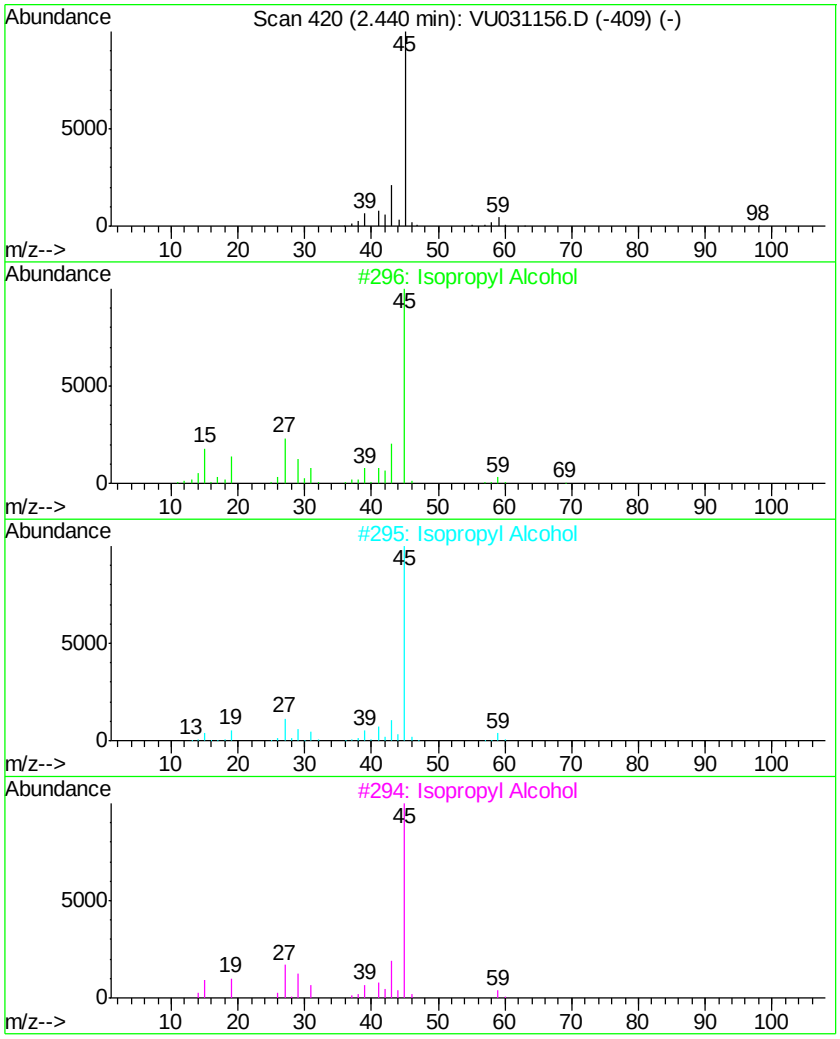
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

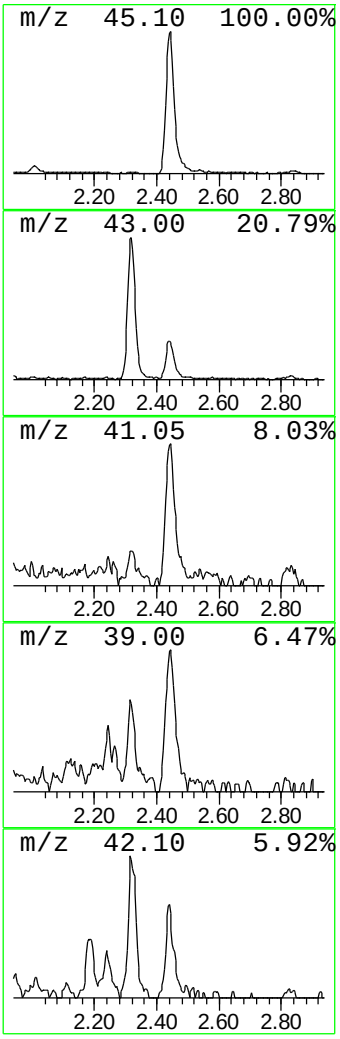
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.68 ug/L	105360	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
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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	4.7	ug/L	105360	1	5.88	1125980	50.0