LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031176.D
Acq On : 13 Apr 2019 23:14
Operator : JC/SP
Sample : K2403-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5129

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	1.177	24	27	36	rVB2	18219	16387	0.83%	0.111%
2	1.392	88	94	107	rBV	274966	284257	14.35%	1.918%
3	1.672	174	181	198	rVB	208022	283412	14.31%	1.912%
4	2.264	356	365	374	rBV	429442	648498	32.74%	4.376%
5	2.441	412	420	440	rVB	37603	67913	3.43%	0.458%
6	2.579	460	463	468	rVB4	1051	840	0.04%	0.006%
7	2.614	468	474	476	rBV5	2549	2767	0.14%	0.019%
8	2.695	493	499	513	rVB5	5718	10249	0.52%	0.069%
9	2.814	529	536	537	rBV5	1511	1402	0.07%	0.009%
10	2.990	584	591	595	rBV4	838	1154	0.06%	0.008%
11	3.013	595	598	602	rVB	368	221	0.01%	0.001%
12	3.035	602	605	609	rVB2	418	278	0.01%	0.002%
13	3.055	609	611	614	rBV	481	322	0.02%	0.002%
14	3.167	644	646	651	rVB2	628	389	0.02%	0.003%
15	3.241	667	669	673	rVB2	488	246	0.01%	0.002%
16	3.264	673	676	678	rBV3	437	252	0.01%	0.002%
17	3.312	688	691	693	rBV2	502	247	0.01%	0.002%
18	3.331	693	697	700	rVB3	365	253	0.01%	0.002%
19	3.473	737	741	745	rBV2	1432	1222	0.06%	0.008%
20	3.515	752	754	758	rVB2	701	482	0.02%	0.003%
21	3.605	778	782	786	rVB3	856	698	0.04%	0.005%
22	3.630	786	790	792	rBV2	694	573	0.03%	0.004%
23	3.826	848	851	855	rVB2	662	472	0.02%	0.003%
24	3.865	860	863	866	rBV3	566	315	0.02%	0.002%
25	3.926	878	882	888	rVB2	894	943	0.05%	0.006%
26	3.974	894	897	902	rVB	335	285	0.01%	0.002%
27	4.006	903	907	908	rBV3	463	280	0.01%	0.002%
28	4.055	919	922	923	rBV	584	320	0.02%	0.002%
29	4.090	931	933	936	rBV	630	358	0.02%	0.002%
30	4.113	937	940	943	rBV2	609	495	0.02%	0.003%
31	4.170	946	958	977	rBV	187435	500231	25.26%	3.375%
32	4.640	1089	1104	1128	rBV2	418791	1020315	51.52%	6.884%
33	4.942	1196	1198	1202	rBV4	834	771	0.04%	0.005%
34	5.129	1253	1256	1261	rVB6	799	616	0.03%	0.004%

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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\SOMULM040519WMA.M
Title : VOC Analysis

35	5.158	1261	1265	1268	rVB5	925	728	0.04%	0.005%
36	5.206	1275	1280	1281	rBV2	438	341	0.02%	0.002%
37	5.219	1281	1284	1286	rBV3	465	264	0.01%	0.002%
38	5.238	1286	1290	1291	rBV2	722	433	0.02%	0.003%
39	5.334	1296	1320	1348	rBV3	667696	1980594	100.00%	13.364%
40	5.817	1467	1470	1473	rBV2	769	454	0.02%	0.003%
41	5.881	1477	1490	1515	rBV	569272	1145076	57.81%	7.726%
42	6.125	1563	1566	1570	rBV4	1253	908	0.05%	0.006%
43	6.186	1576	1585	1600	rVB5	18860	37370	1.89%	0.252%
44	6.325	1614	1628	1652	rBV	441303	890825	44.98%	6.011%
45	6.640	1723	1726	1729	rBV4	827	539	0.03%	0.004%
46	6.710	1746	1748	1751	rBV	340	256	0.01%	0.002%
47	6.752	1757	1761	1765	rVB4	547	379	0.02%	0.003%
48	6.826	1781	1784	1787	rBV2	473	363	0.02%	0.002%
49	6.884	1799	1802	1803	rBV	465	281	0.01%	0.002%
50	6.903	1805	1808	1813	rVB2	1407	997	0.05%	0.007%
51	6.932	1813	1817	1821	rBV2	893	596	0.03%	0.004%
52	6.955	1821	1824	1828	rVB4	607	454	0.02%	0.003%
53	6.977	1828	1831	1833	rBV2	342	247	0.01%	0.002%
54	7.100	1866	1869	1871	rBV2	661	332	0.02%	0.002%
55	7.128	1876	1878	1880	rBV2	393	226	0.01%	0.002%
56	7.154	1884	1886	1890	rBV2	606	354	0.02%	0.002%
57	7.180	1890	1894	1895	rBV	392	339	0.02%	0.002%
58	7.225	1895	1908	1925	rBV	218701	402922	20.34%	2.719%
59	7.469	1977	1984	1989	rBV6	2847	4211	0.21%	0.028%
60	7.563	2000	2013	2033	rBV	802502	1435318	72.47%	9.685%
61	7.849	2091	2102	2124	rBV	154059	276547	13.96%	1.866%
62	8.093	2176	2178	2181	rBV2	580	376	0.02%	0.003%
63	8.135	2187	2191	2193	rBV3	737	622	0.03%	0.004%
64	8.177	2193	2204	2213	rVV3	8105	14367	0.73%	0.097%
65	8.212	2213	2215	2218	rBV2	791	513	0.03%	0.003%
66	8.309	2234	2245	2283	rBV	566235	1118334	56.46%	7.546%
67	8.730	2374	2376	2379	rVB	814	426	0.02%	0.003%
68	8.849	2411	2413	2414	rBV2	425	226	0.01%	0.002%
69	8.945	2438	2443	2447	rBV5	1055	971	0.05%	0.007%
70	9.006	2456	2462	2467	rBV4	641	659	0.03%	0.004%
71	9.032	2467	2470	2471	rBV2	533	286	0.01%	0.002%

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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

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	9.087	2474	2487	2529	rVV	827188	1416481	71.52%	9.557%
73	9.373	2567	2576	2577	rBV2	1268	1320	0.07%	0.009%
74	9.437	2593	2596	2599	rBV2	1030	609	0.03%	0.004%
75	9.492	2609	2613	2616	rBV2	783	637	0.03%	0.004%
76	9.530	2622	2625	2630	rBV4	696	603	0.03%	0.004%
77	9.601	2644	2647	2654	rVB5	872	939	0.05%	0.006%
78	9.633	2654	2657	2659	rBV2	795	555	0.03%	0.004%
79	9.646	2659	2661	2667	rVV5	975	936	0.05%	0.006%
80	9.681	2668	2672	2679	rVV2	604	722	0.04%	0.005%
81	9.778	2696	2702	2703	rBV3	1225	1124	0.06%	0.008%
82	9.929	2746	2749	2752	rVB2	599	400	0.02%	0.003%
83	9.952	2752	2756	2758	rBV2	421	291	0.01%	0.002%
84	9.961	2758	2759	2761	rVV	602	316	0.02%	0.002%
85	9.987	2765	2767	2770	rVB	791	337	0.02%	0.002%
86	10.006	2770	2773	2775	rBV3	634	433	0.02%	0.003%
87	10.080	2793	2796	2802	rVB3	1183	1140	0.06%	0.008%
88	10.125	2807	2810	2812	rBV3	434	314	0.02%	0.002%
89	10.202	2832	2834	2836	rBV2	608	318	0.02%	0.002%
90	10.238	2837	2845	2852	rVV5	3881	6020	0.30%	0.041%
91	10.427	2891	2904	2923	rBV	600441	970141	48.98%	6.546%
92	10.720	2992	2995	2997	rBV3	598	414	0.02%	0.003%
93	10.839	3029	3032	3036	rVB2	829	626	0.03%	0.004%
94	10.926	3056	3059	3061	rBV	854	441	0.02%	0.003%
95	11.019	3086	3088	3089	rBV	615	261	0.01%	0.002%
96	11.080	3104	3107	3108	rBV	479	251	0.01%	0.002%
97	11.170	3132	3135	3136	rBV	775	522	0.03%	0.004%
98	11.479	3219	3231	3256	rBV	668005	1110287	56.06%	7.491%
99	11.855	3337	3348	3378	rBV	684426	1137470	57.43%	7.675%
100	13.543	3870	3873	3878	rBV5	1178	1252	0.06%	0.008%

Sum of corrected areas: 14820757

LSC Report - Integrated Chromatogram

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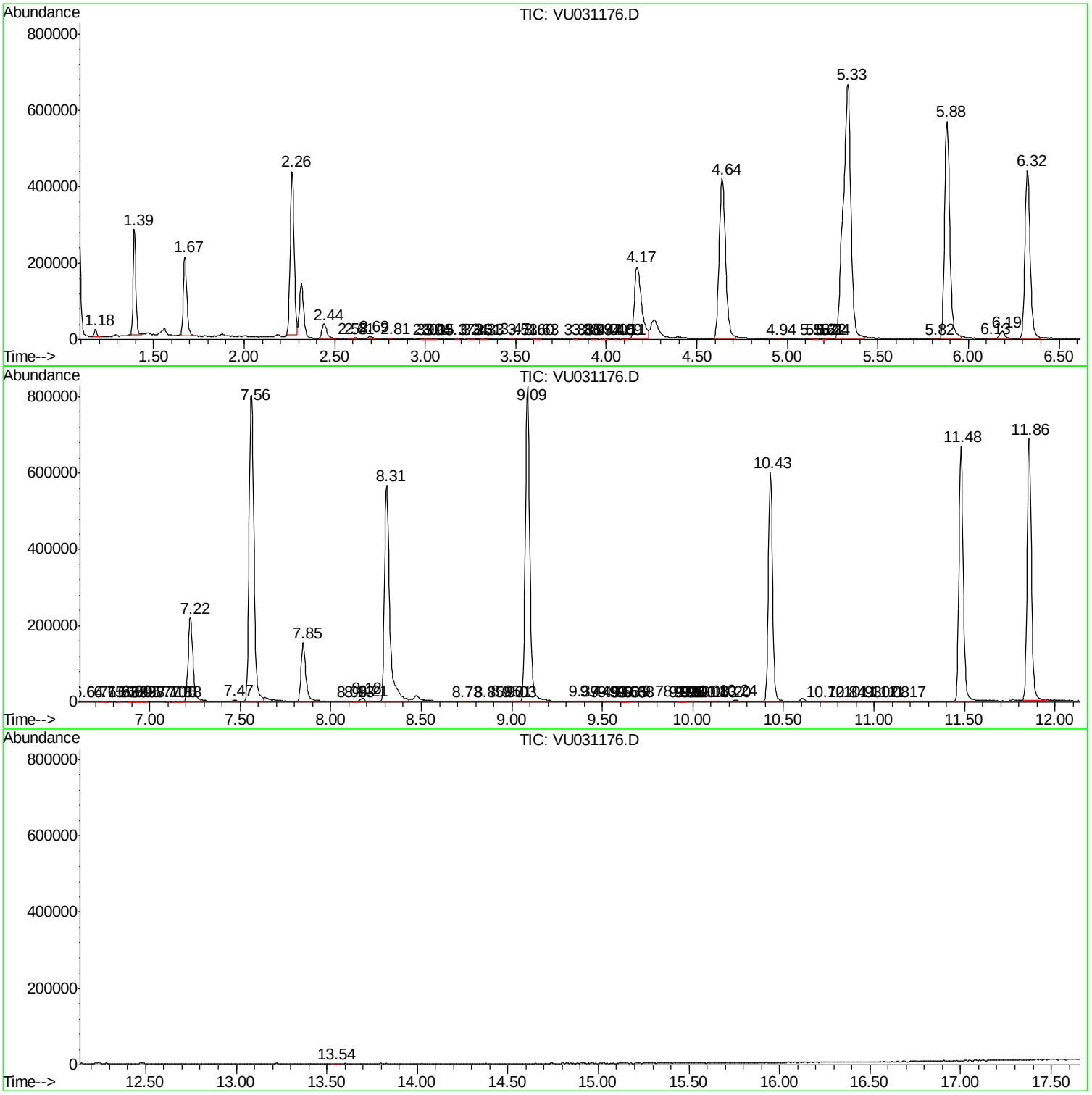
Instrument : MSVOA_U
ClientSampleId : A5129

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 : VU031176.D
Acq On : 13 Apr 2019 23:14
Operator : JC/SP
Sample : K2403-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5129

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

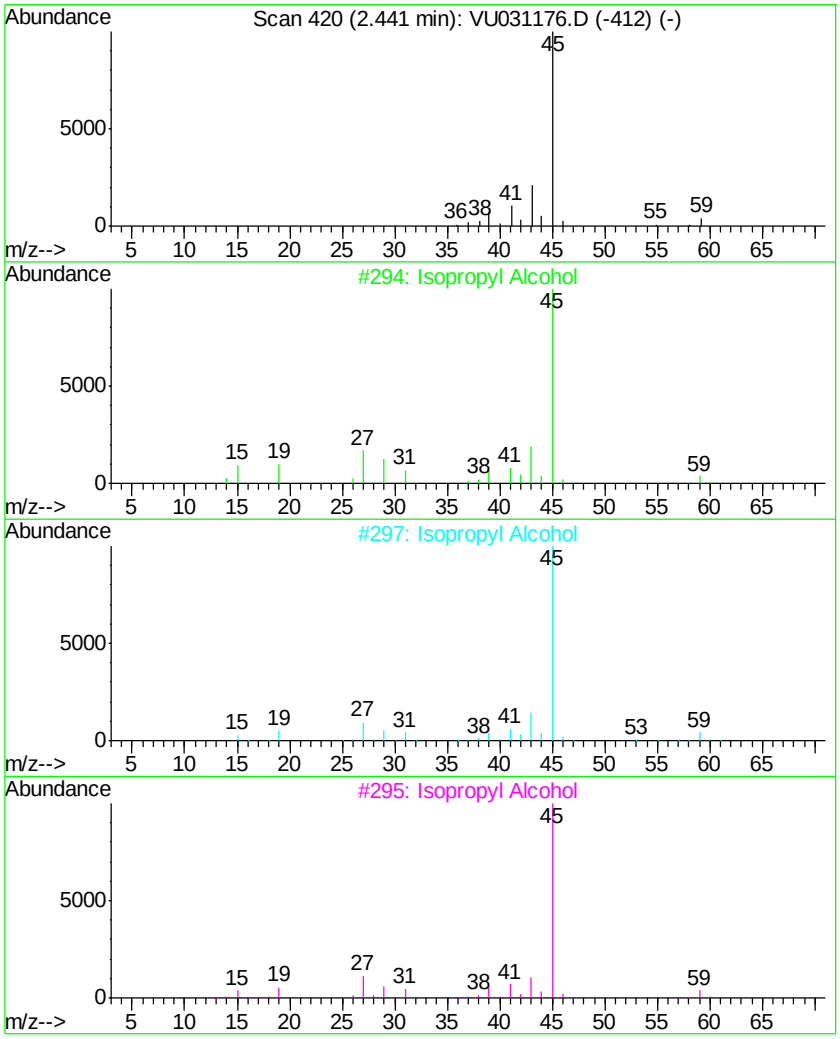
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

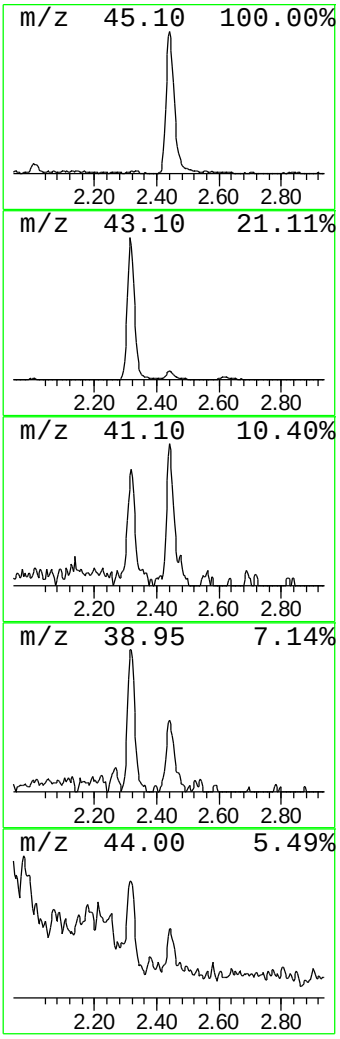
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.97 ug/L	67913	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Ethylamine	45	C2H7N	000075-04-7	7
5	Formamide	45	CH3NO	000075-12-7	5





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	3.0	ug/L	67913	1	5.88	1145080	50.0