LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031058.D
Acq On : 11 Apr 2019 10:43
Operator : JC/SP
Sample : K2341-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB716

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	36	rVB3	17902	16034	0.15%	0.058%
2	1.395	88	95	107	rBV	324963	332662	3.08%	1.207%
3	1.678	175	183	197	rVB	249404	313086	2.90%	1.136%
4	1.881	242	246	261	rVB7	6851	13064	0.12%	0.047%
5	2.270	356	367	377	rBV	464810	719752	6.67%	2.611%
6	2.434	408	418	432	rBV	50463	92376	0.86%	0.335%
7	2.543	448	452	457	rBV7	1152	1439	0.01%	0.005%
8	2.598	466	469	472	rVB5	951	568	0.01%	0.002%
9	2.704	496	502	509	rVB5	2636	3470	0.03%	0.013%
10	2.768	517	522	527	rBV5	1176	1241	0.01%	0.005%
11	2.833	533	542	554	rVB3	6325	12114	0.11%	0.044%
12	2.923	567	570	574	rBV2	807	639	0.01%	0.002%
13	2.952	575	579	583	rVV4	729	765	0.01%	0.003%
14	3.186	649	652	657	rVB4	902	769	0.01%	0.003%
15	3.546	758	764	768	rVV2	692	761	0.01%	0.003%
16	3.948	882	889	891	rVB2	793	724	0.01%	0.003%
17	4.099	930	936	940	rBV4	733	878	0.01%	0.003%
18	4.170	946	958	988	rBV	218658	609775	5.65%	2.212%
19	4.466	1048	1050	1057	rVB6	980	843	0.01%	0.003%
20	4.643	1087	1105	1134	rBV2	368173	1023139	9.48%	3.712%
21	4.797	1151	1153	1158	rVB3	892	719	0.01%	0.003%
22	4.833	1158	1164	1168	rBV6	1610	1961	0.02%	0.007%
23	5.103	1246	1248	1254	rVB5	781	696	0.01%	0.003%
24	5.251	1284	1294	1296	rBV7	2096	3215	0.03%	0.012%
25	5.334	1297	1320	1350	rVV2	717785	2146345	19.89%	7.787%
26	5.550	1385	1387	1391	rVB4	1146	618	0.01%	0.002%
27	5.575	1392	1395	1397	rBV3	1453	997	0.01%	0.004%
28	5.688	1427	1430	1434	rBV3	1030	606	0.01%	0.002%
29	5.881	1477	1490	1518	rBV	568141	1146107	10.62%	4.158%
30	6.183	1577	1584	1586	rBV6	6320	7498	0.07%	0.027%
31	6.247	1602	1604	1608	rVB4	1656	881	0.01%	0.003%
32	6.270	1608	1611	1613	rBV3	771	590	0.01%	0.002%
33	6.324	1613	1628	1658	rBV	482577	987164	9.15%	3.581%
34	6.675	1733	1737	1741	rVB4	1326	1306	0.01%	0.005%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB716

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	1746	1762	1776	rBV2	44534	87069	0.81%	0.316%
36	6.897	1801	1806	1816	rVB6	2111	3229	0.03%	0.012%
37	6.971	1826	1829	1832	rVB3	1030	662	0.01%	0.002%
38	7.067	1856	1859	1863	rVB	1203	872	0.01%	0.003%
39	7.109	1869	1872	1875	rBV4	904	601	0.01%	0.002%
40	7.225	1896	1908	1926	rBV2	245944	449810	4.17%	1.632%
41	7.379	1953	1956	1964	rVB7	1781	2052	0.02%	0.007%
42	7.450	1974	1978	1983	rBV5	809	697	0.01%	0.003%
43	7.562	1999	2013	2030	rBV	916539	1621325	15.02%	5.882%
44	7.849	2089	2102	2118	rBV	169261	311588	2.89%	1.130%
45	8.093	2175	2178	2179	rBV3	871	588	0.01%	0.002%
46	8.103	2179	2181	2184	rVB3	932	603	0.01%	0.002%
47	8.221	2197	2218	2236	rBV	6285774	10792654	100.00%	39.155%
48	8.308	2236	2245	2285	rVV	672049	1472113	13.64%	5.341%
49	8.472	2287	2296	2313	rVB5	48406	98141	0.91%	0.356%
50	8.646	2347	2350	2353	rBV3	1365	912	0.01%	0.003%
51	8.758	2382	2385	2391	rVB5	982	856	0.01%	0.003%
52	8.977	2449	2453	2456	rBV3	1367	1106	0.01%	0.004%
53	9.016	2461	2465	2467	rBV2	1185	939	0.01%	0.003%
54	9.086	2475	2487	2508	rBV	849067	1442220	13.36%	5.232%
55	9.257	2537	2540	2544	rBV2	1648	1257	0.01%	0.005%
56	9.495	2611	2614	2618	rVB3	685	565	0.01%	0.002%
57	9.594	2642	2645	2649	rVB3	877	601	0.01%	0.002%
58	9.620	2649	2653	2659	rBV3	821	742	0.01%	0.003%
59	9.675	2665	2670	2674	rBV6	934	1002	0.01%	0.004%
60	9.707	2677	2680	2683	rBV4	704	606	0.01%	0.002%
61	9.839	2716	2721	2725	rVB4	1293	947	0.01%	0.003%
62	9.929	2746	2749	2750	rVV2	1049	567	0.01%	0.002%
63	9.955	2752	2757	2771	rVB2	5197	9351	0.09%	0.034%
64	10.041	2776	2784	2785	rBV4	3305	3272	0.03%	0.012%
65	10.164	2818	2822	2831	rVB10	2882	4305	0.04%	0.016%
66	10.225	2834	2841	2843	rBV2	810	830	0.01%	0.003%
67	10.308	2861	2867	2871	rVB5	1138	1456	0.01%	0.005%
68	10.427	2888	2904	2930	rBV	646717	1065522	9.87%	3.866%
69	10.520	2930	2933	2937	rBV5	1007	810	0.01%	0.003%
70	10.604	2950	2959	2969	rBV6	4968	7731	0.07%	0.028%
71	10.694	2981	2987	2990	rVV4	873	892	0.01%	0.003%

LSC Area Percent Report

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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB716

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	10.723	2994	2996	3000	rVB3	1245	784	0.01%	0.003%
73	10.749	3000	3004	3007	rBV4	1267	1238	0.01%	0.004%
74	10.836	3029	3031	3037	rVB4	1063	879	0.01%	0.003%
75	10.881	3043	3045	3050	rVB3	1148	765	0.01%	0.003%
76	10.909	3050	3054	3055	rBV2	1371	888	0.01%	0.003%
77	11.250	3157	3160	3163	rVB2	885	618	0.01%	0.002%
78	11.382	3192	3201	3212	rBV2	5058	11069	0.10%	0.040%
79	11.482	3219	3232	3251	rBV	768919	1279945	11.86%	4.644%
80	11.855	3335	3348	3374	rBV	841271	1418127	13.14%	5.145%
81	12.012	3394	3397	3399	rBV3	1507	995	0.01%	0.004%
82	12.337	3494	3498	3499	rBV3	1172	901	0.01%	0.003%
83	12.459	3532	3536	3537	rBV3	1100	721	0.01%	0.003%
84	12.633	3585	3590	3592	rBV4	1793	1569	0.01%	0.006%
85	12.813	3639	3646	3651	rVB8	1707	2342	0.02%	0.008%
86	12.839	3651	3654	3657	rBV4	1155	622	0.01%	0.002%
87	12.906	3673	3675	3681	rVB3	1672	1570	0.01%	0.006%
88	13.022	3709	3711	3716	rBV3	829	572	0.01%	0.002%
89	13.356	3813	3815	3820	rBV2	863	702	0.01%	0.003%
90	13.552	3873	3876	3879	rBV2	718	592	0.01%	0.002%
91	13.675	3911	3914	3916	rBV3	1015	698	0.01%	0.003%
92	13.983	4008	4010	4013	rBV3	1121	676	0.01%	0.002%
93	14.144	4058	4060	4063	rVB	1043	559	0.01%	0.002%
94	14.199	4074	4077	4080	rBV	1041	707	0.01%	0.003%
95	14.417	4141	4145	4149	rBV3	988	1079	0.01%	0.004%
96	14.504	4169	4172	4175	rVB4	1177	690	0.01%	0.003%
97	14.614	4203	4206	4209	rBV3	1024	666	0.01%	0.002%
98	14.691	4228	4230	4234	rBV3	1040	788	0.01%	0.003%
99	14.771	4251	4255	4257	rBV3	1281	1102	0.01%	0.004%
100	15.147	4370	4372	4374	rBV	1278	628	0.01%	0.002%

Sum of corrected areas: 27563787

LSC Report - Integrated Chromatogram

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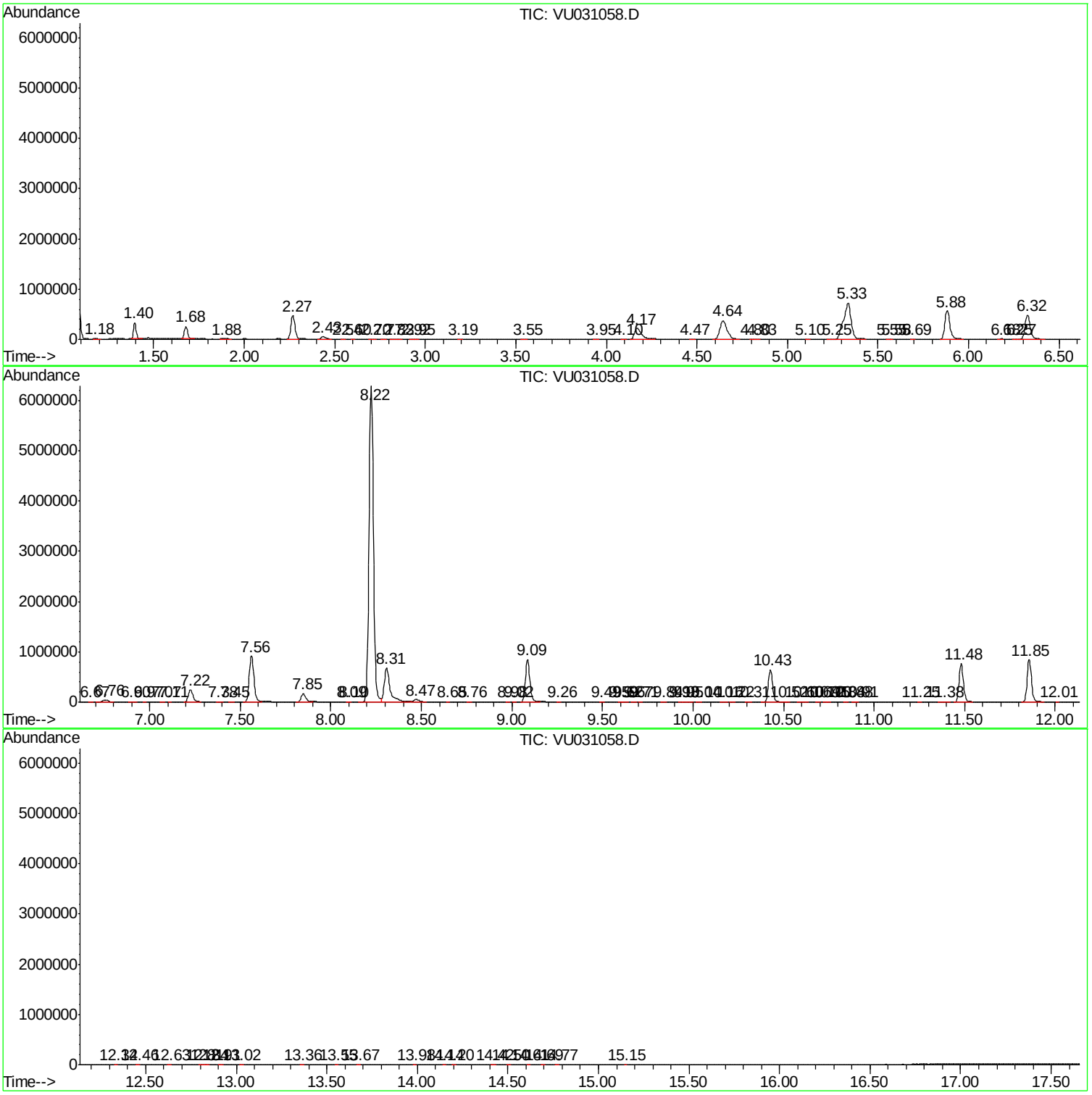
Instrument : MSVOA_U
ClientSampleId : DB716

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 : VU031058.D
Acq On : 11 Apr 2019 10:43
Operator : JC/SP
Sample : K2341-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB716

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

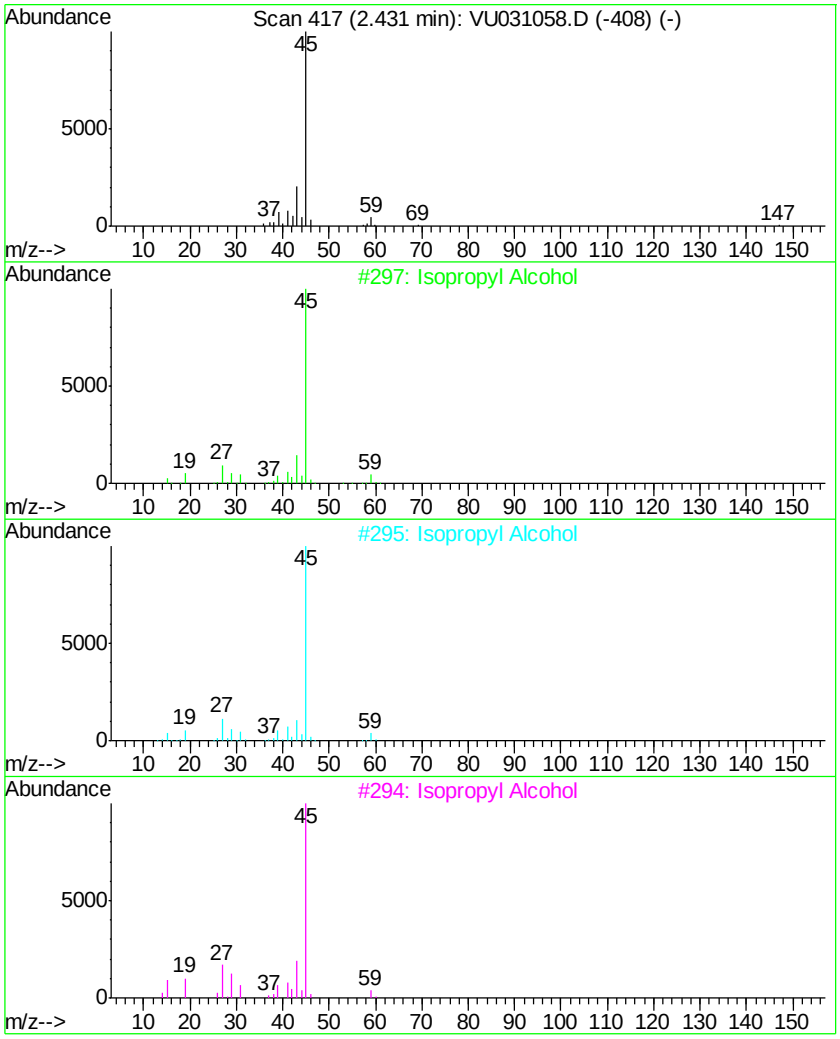
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

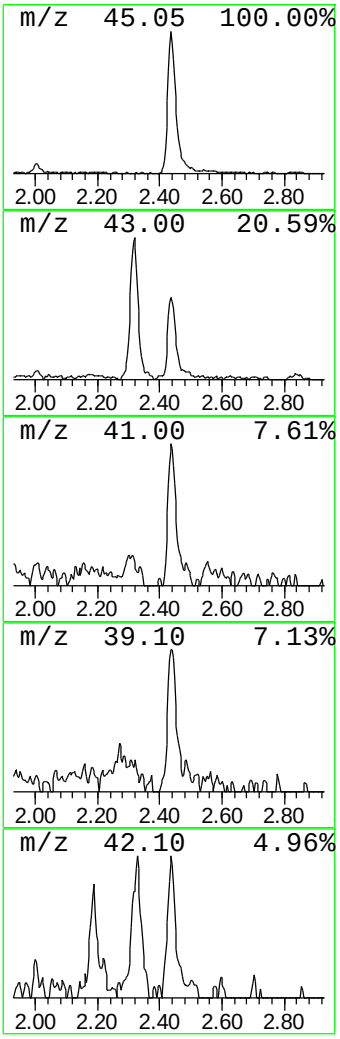
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	4.03 ug/L	92376	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	90
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	64
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	2.43	4.0	ug/L	92376	1	5.88	1146110	50.0