LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031121.D
Acq On : 12 Apr 2019 11:41
Operator : JC/SP
Sample : K2354-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 113 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C5

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	35	rVB2	19467	17966	0.91%	0.118%
2	1.325	70	73	79	rBV6	3678	3602	0.18%	0.024%
3	1.396	87	95	110	rBV	348187	365999	18.51%	2.394%
4	1.675	174	182	197	rVB	232459	301210	15.23%	1.970%
5	2.267	355	366	378	rBV	481128	728400	36.84%	4.765%
6	2.437	408	419	441	rBV2	81611	153120	7.74%	1.002%
7	2.675	489	493	494	rBV2	780	559	0.03%	0.004%
8	2.688	494	497	500	rVV4	1373	997	0.05%	0.007%
9	2.801	529	532	536	rBV3	1452	1613	0.08%	0.011%
10	2.826	536	540	542	rBV4	1178	885	0.04%	0.006%
11	2.881	553	557	560	rBB3	1261	801	0.04%	0.005%
12	3.006	590	596	599	rBV2	663	627	0.03%	0.004%
13	3.067	609	615	618	rBV3	1019	1163	0.06%	0.008%
14	3.177	642	649	650	rBV2	2238	2038	0.10%	0.013%
15	3.389	710	715	719	rBV2	913	753	0.04%	0.005%
16	3.457	732	736	741	rBV3	760	716	0.04%	0.005%
17	3.643	790	794	797	rBV4	904	669	0.03%	0.004%
18	3.756	825	829	833	rBV2	851	623	0.03%	0.004%
19	4.170	944	958	987	rBV2	170239	489562	24.76%	3.202%
20	4.514	1061	1065	1068	rBV5	828	690	0.03%	0.005%
21	4.640	1088	1104	1126	rBV	313988	769335	38.91%	5.032%
22	4.874	1174	1177	1179	rBV3	1242	840	0.04%	0.005%
23	4.923	1189	1192	1196	rVB2	1149	973	0.05%	0.006%
24	4.948	1196	1200	1203	rVB2	1071	815	0.04%	0.005%
25	4.987	1210	1212	1217	rVV3	631	560	0.03%	0.004%
26	5.170	1263	1269	1273	rBV4	1307	1749	0.09%	0.011%
27	5.334	1297	1320	1349	rBV2	674481	1977131	100.00%	12.933%
28	5.540	1381	1384	1390	rVB6	1907	1921	0.10%	0.013%
29	5.569	1391	1393	1397	rBV3	784	618	0.03%	0.004%
30	5.730	1440	1443	1449	rVB4	1044	811	0.04%	0.005%
31	5.797	1460	1464	1469	rBV4	1600	1618	0.08%	0.011%
32	5.881	1477	1490	1514	rBV	599611	1206422	61.02%	7.891%
33	6.054	1542	1544	1546	rBV	1048	635	0.03%	0.004%
34	6.186	1572	1585	1603	rBV4	30842	69542	3.52%	0.455%

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Sample : K2354-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 113 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C5

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	6.325	1614	1628	1652	rBV	429885	877483	44.38%	5.740%
36	6.662	1729	1733	1734	rBV2	957	578	0.03%	0.004%
37	6.939	1814	1819	1825	rBV4	1226	1503	0.08%	0.010%
38	7.225	1896	1908	1938	rVV	230383	432707	21.89%	2.830%
39	7.389	1950	1959	1970	rVB9	4670	8827	0.45%	0.058%
40	7.562	1999	2013	2033	rBV	842048	1496908	75.71%	9.792%
41	7.797	2082	2086	2088	rBV3	994	718	0.04%	0.005%
42	7.849	2091	2102	2124	rVV	155088	286499	14.49%	1.874%
43	8.177	2201	2204	2211	rVB5	1422	1352	0.07%	0.009%
44	8.231	2211	2221	2234	rVB8	8177	14976	0.76%	0.098%
45	8.308	2234	2245	2281	rBV	495988	1053496	53.28%	6.891%
46	8.543	2316	2318	2322	rVB3	1563	931	0.05%	0.006%
47	8.675	2353	2359	2362	rBV3	698	692	0.04%	0.005%
48	8.694	2362	2365	2368	rBV4	1156	738	0.04%	0.005%
49	8.717	2369	2372	2378	rVV4	907	925	0.05%	0.006%
50	8.887	2423	2425	2434	rVB4	720	1050	0.05%	0.007%
51	8.987	2451	2456	2460	rBV4	1298	1094	0.06%	0.007%
52	9.086	2474	2487	2534	rVV	895785	1533802	77.58%	10.033%
53	9.296	2550	2552	2557	rBV4	825	649	0.03%	0.004%
54	9.347	2565	2568	2572	rBV2	1044	650	0.03%	0.004%
55	9.498	2611	2615	2620	rVB5	730	643	0.03%	0.004%
56	9.578	2638	2640	2645	rVB2	781	699	0.04%	0.005%
57	9.604	2645	2648	2651	rBV2	726	694	0.04%	0.005%
58	9.813	2709	2713	2715	rVB2	1058	663	0.03%	0.004%
59	9.939	2751	2752	2757	rVB	880	586	0.03%	0.004%
60	9.964	2757	2760	2763	rBV	1010	760	0.04%	0.005%
61	9.990	2763	2768	2770	rVV4	655	554	0.03%	0.004%
62	10.112	2802	2806	2809	rBV2	1023	727	0.04%	0.005%
63	10.180	2823	2827	2829	rBV2	898	792	0.04%	0.005%
64	10.263	2848	2853	2856	rBV	845	678	0.03%	0.004%
65	10.321	2867	2871	2875	rBV4	773	688	0.03%	0.005%
66	10.427	2891	2904	2924	rBV	558750	923589	46.71%	6.041%
67	10.559	2941	2945	2947	rBV2	1068	633	0.03%	0.004%
68	10.601	2953	2958	2963	rBV5	1267	1581	0.08%	0.010%
69	10.707	2988	2991	2996	rVB3	779	645	0.03%	0.004%
70	10.848	3032	3035	3039	rVB3	866	638	0.03%	0.004%
71	10.958	3062	3069	3071	rBV3	809	940	0.05%	0.006%

LSC Area Percent Report

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Sample : K2354-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 113 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C5

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	11.035	3089	3093	3096	rVV3	971	698	0.04%	0.005%
73	11.080	3104	3107	3113	rVV4	882	933	0.05%	0.006%
74	11.109	3113	3116	3119	rVB2	983	626	0.03%	0.004%
75	11.369	3193	3197	3199	rBV3	863	628	0.03%	0.004%
76	11.402	3204	3207	3209	rBV3	1204	793	0.04%	0.005%
77	11.479	3220	3231	3259	rBV	782954	1290552	65.27%	8.442%
78	11.791	3326	3328	3331	rBV2	913	626	0.03%	0.004%
79	11.858	3336	3349	3376	rVV	713558	1219167	61.66%	7.975%
80	12.189	3450	3452	3456	rVB5	1150	695	0.04%	0.005%
81	12.257	3471	3473	3477	rBV2	1147	619	0.03%	0.004%
82	12.302	3485	3487	3492	rBV2	662	586	0.03%	0.004%
83	12.585	3573	3575	3580	rBV2	864	711	0.04%	0.005%
84	12.980	3694	3698	3701	rBV2	1324	845	0.04%	0.006%
85	13.160	3750	3754	3757	rVB	1227	859	0.04%	0.006%
86	13.331	3804	3807	3811	rBV2	720	614	0.03%	0.004%
87	13.536	3866	3871	3874	rBV3	1711	1735	0.09%	0.011%
88	13.668	3908	3912	3916	rVB3	1190	908	0.05%	0.006%
89	13.694	3916	3920	3923	rBV2	1135	791	0.04%	0.005%
90	13.755	3934	3939	3941	rBV3	979	837	0.04%	0.005%
91	13.945	3995	3998	4001	rVB2	1089	680	0.03%	0.004%
92	14.032	4022	4025	4028	rBV3	1354	799	0.04%	0.005%
93	14.070	4034	4037	4040	rBV3	946	633	0.03%	0.004%
94	14.196	4073	4076	4077	rBV2	1037	635	0.03%	0.004%
95	14.720	4237	4239	4243	rBV3	940	814	0.04%	0.005%
96	14.752	4247	4249	4252	rBV3	1024	716	0.04%	0.005%
97	15.106	4357	4359	4363	rBV4	1177	791	0.04%	0.005%
98	15.475	4472	4474	4476	rBV2	1345	801	0.04%	0.005%
99	15.781	4567	4569	4571	rBV2	1424	821	0.04%	0.005%
100	16.015	4639	4642	4646	rBV3	1856	1724	0.09%	0.011%

Sum of corrected areas: 15287688

LSC Report - Integrated Chromatogram

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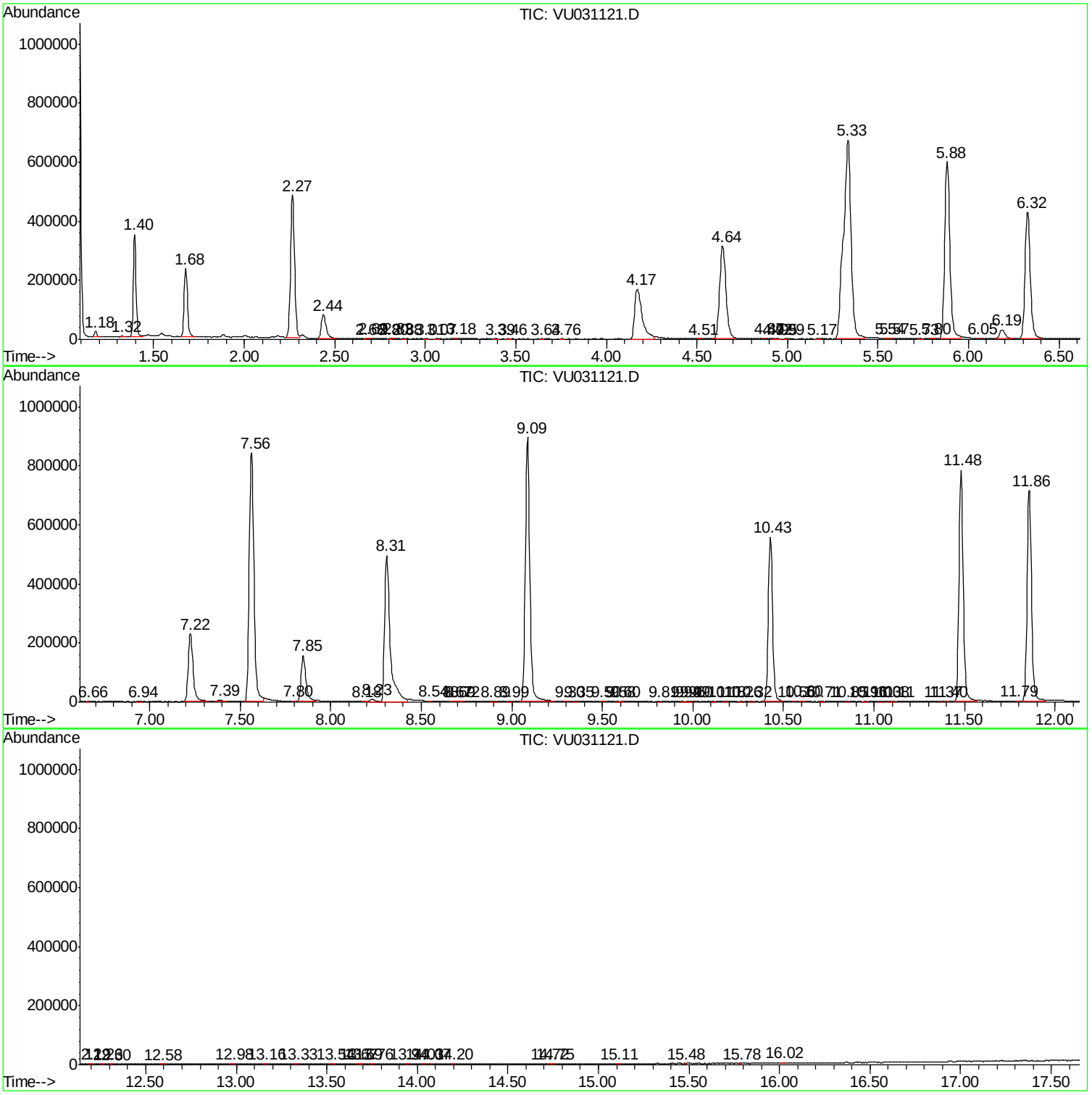
ALS Vial : 113 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C5

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 : VU031121.D
Acq On : 12 Apr 2019 11:41
Operator : JC/SP
Sample : K2354-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 113 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C5

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

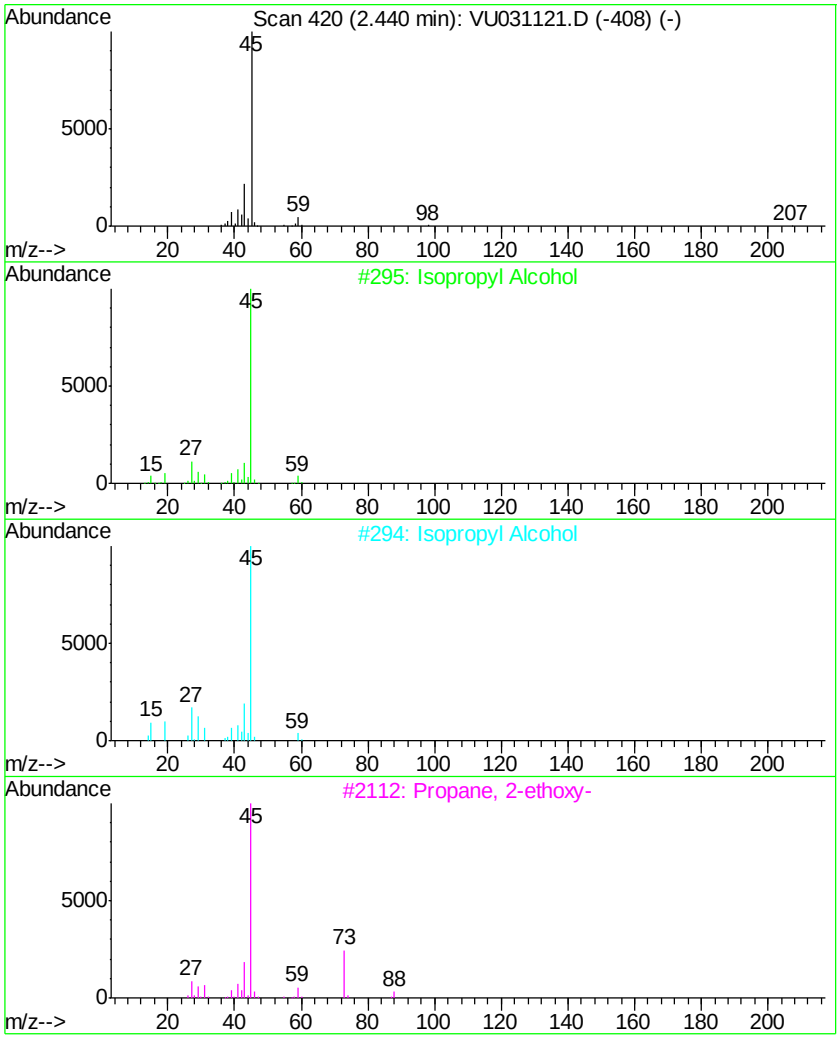
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

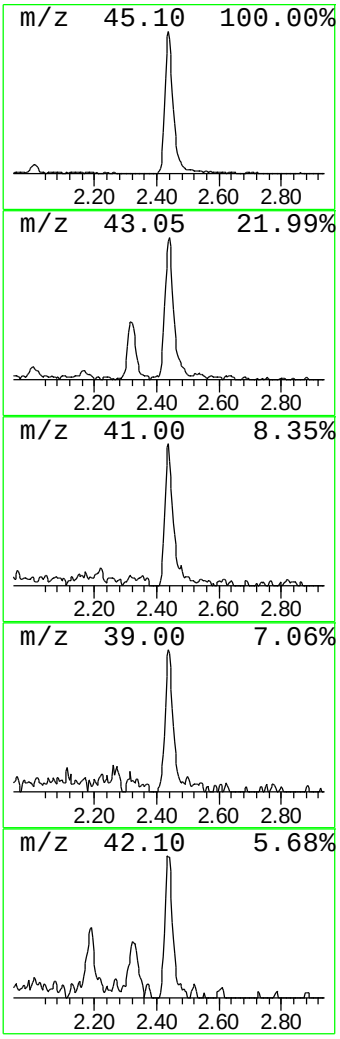
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.35 ug/L	153120	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	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





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	6.3	ug/L	153120	1	5.88	1206420	50.0