LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030115.D
Acq On : 15 Mar 2019 16:58
Operator : JC/SP
Sample : K1917-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09B3

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\SOMULM031319WMA.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	1.183	24	29	35	rBV	15479	14745	0.66%	0.090%
2	1.399	88	96	107	rBV	203172	204953	9.20%	1.247%
3	1.679	175	183	198	rBV	157274	196686	8.83%	1.196%
4	2.270	356	367	379	rBV	338644	512464	23.01%	3.117%
5	2.444	409	421	442	rBV	39818	77348	3.47%	0.470%
6	2.662	486	489	491	rBV	1341	972	0.04%	0.006%
7	2.823	533	539	543	rVV2	2522	2787	0.13%	0.017%
8	2.846	543	546	553	rVB2	2230	2568	0.12%	0.016%
9	3.032	595	604	612	rVB	2292	4412	0.20%	0.027%
10	3.071	612	616	620	rBV	1308	1290	0.06%	0.008%
11	3.103	620	626	630	rBV2	1215	1243	0.06%	0.008%
12	3.248	663	671	672	rBV2	1477	1607	0.07%	0.010%
13	3.331	693	697	699	rBV2	1187	1013	0.05%	0.006%
14	3.395	714	717	720	rVV2	1196	838	0.04%	0.005%
15	3.511	749	753	758	rBV	1018	1265	0.06%	0.008%
16	3.643	791	794	796	rBV	1203	856	0.04%	0.005%
17	3.698	806	811	814	rBV	1420	1330	0.06%	0.008%
18	3.720	814	818	825	rVV	1203	1456	0.07%	0.009%
19	3.768	830	833	837	rVB	1276	852	0.04%	0.005%
20	3.807	837	845	847	rBV2	1145	1258	0.06%	0.008%
21	3.884	864	869	871	rBV	1110	908	0.04%	0.006%
22	3.913	876	878	885	rVB	1365	1073	0.05%	0.007%
23	4.010	906	908	915	rVB2	1159	1102	0.05%	0.007%
24	4.074	915	928	935	rBV2	1577	3494	0.16%	0.021%
25	4.177	944	960	993	rBV	153728	418305	18.78%	2.544%
26	4.395	1018	1028	1035	rBV3	6704	13990	0.63%	0.085%
27	4.556	1076	1078	1085	rVB2	1438	1436	0.06%	0.009%
28	4.646	1085	1106	1131	rBV2	267960	651009	29.23%	3.959%
29	5.039	1226	1228	1232	rVB2	1804	1048	0.05%	0.006%
30	5.077	1236	1240	1245	rVB2	1360	1253	0.06%	0.008%
31	5.338	1298	1321	1360	rBV2	537672	1602294	71.95%	9.745%
32	5.601	1397	1403	1406	rBV2	1201	1306	0.06%	0.008%
33	5.678	1423	1427	1433	rBV	1742	1483	0.07%	0.009%
34	5.710	1433	1437	1440	rBV	1344	1248	0.06%	0.008%

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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\SOMULM031319WMA.M
Title : VOC Analysis

35	5.810	1463	1468	1470	rBV	1577	1688	0.08%	0.010%
36	5.884	1478	1491	1525	rBV	570481	1138306	51.11%	6.923%
37	6.183	1581	1584	1585	rBV2	1438	975	0.04%	0.006%
38	6.328	1615	1629	1657	rBV	353090	720827	32.37%	4.384%
39	6.482	1675	1677	1683	rVB2	1936	1569	0.07%	0.010%
40	6.630	1719	1723	1726	rBV	1341	1176	0.05%	0.007%
41	6.817	1778	1781	1785	rBV	1426	1156	0.05%	0.007%
42	6.852	1785	1792	1794	rBV2	1249	1553	0.07%	0.009%
43	6.939	1814	1819	1823	rBV2	1240	1207	0.05%	0.007%
44	7.042	1844	1851	1854	rBV2	776	974	0.04%	0.006%
45	7.225	1897	1908	1929	rVV	181109	332504	14.93%	2.022%
46	7.402	1958	1963	1967	rVB3	1435	1483	0.07%	0.009%
47	7.431	1968	1972	1975	rBV	1198	1169	0.05%	0.007%
48	7.563	2001	2013	2041	rBV	709844	1301067	58.42%	7.913%
49	7.849	2091	2102	2127	rBV	126375	224630	10.09%	1.366%
50	8.022	2152	2156	2159	rBV	1097	847	0.04%	0.005%
51	8.067	2167	2170	2176	rBV	1925	2332	0.10%	0.014%
52	8.177	2191	2204	2214	rBV	28221	54960	2.47%	0.334%
53	8.222	2215	2218	2220	rBV4	3030	2154	0.10%	0.013%
54	8.308	2234	2245	2280	rBV	518883	933444	41.91%	5.677%
55	8.537	2313	2316	2321	rBV4	1339	1200	0.05%	0.007%
56	8.566	2321	2325	2328	rBV3	1398	1229	0.06%	0.007%
57	8.646	2347	2350	2356	rVB2	1174	1121	0.05%	0.007%
58	8.746	2377	2381	2383	rBV2	1508	1158	0.05%	0.007%
59	9.087	2472	2487	2519	rBV2	820197	1623883	72.92%	9.876%
60	9.379	2575	2578	2581	rVV3	1588	1187	0.05%	0.007%
61	9.405	2583	2586	2595	rVB	2489	2623	0.12%	0.016%
62	9.447	2595	2599	2603	rBV	1040	923	0.04%	0.006%
63	9.630	2650	2656	2659	rBV2	831	1069	0.05%	0.007%
64	9.726	2684	2686	2693	rVB2	1089	928	0.04%	0.006%
65	9.858	2723	2727	2733	rVB2	1397	1636	0.07%	0.010%
66	10.070	2790	2793	2799	rBV	871	968	0.04%	0.006%
67	10.231	2841	2843	2849	rVV2	1087	913	0.04%	0.006%
68	10.273	2853	2856	2860	rVV	1589	1392	0.06%	0.008%
69	10.344	2872	2878	2882	rBV3	1240	1249	0.06%	0.008%
70	10.427	2892	2904	2924	rVB	559013	899992	40.41%	5.474%
71	10.559	2941	2945	2950	rBV	1205	1288	0.06%	0.008%

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ALS Vial : 19 Sample Multiplier: 1

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\SOMULM031319WMA.M
Title : VOC Analysis

72	10.607	2951	2960	2969	rVV3	13604	22524	1.01%	0.137%
73	10.704	2986	2990	2997	rBV	1941	2787	0.13%	0.017%
74	10.800	3012	3020	3024	rBV2	1263	1936	0.09%	0.012%
75	10.913	3052	3055	3056	rBV2	1454	843	0.04%	0.005%
76	10.951	3063	3067	3069	rBV3	1406	935	0.04%	0.006%
77	10.984	3074	3077	3081	rVV2	1029	842	0.04%	0.005%
78	11.032	3086	3092	3095	rBV3	1276	1520	0.07%	0.009%
79	11.086	3106	3109	3113	rVB	1769	1131	0.05%	0.007%
80	11.112	3113	3117	3125	rBV	1559	1803	0.08%	0.011%
81	11.173	3133	3136	3142	rVB	1355	1127	0.05%	0.007%
82	11.279	3164	3169	3171	rBV	1558	1475	0.07%	0.009%
83	11.414	3202	3211	3221	rBV2	50983	82449	3.70%	0.501%
84	11.482	3221	3232	3257	rVV2	874939	2227000	100.00%	13.545%
85	11.861	3335	3350	3371	rBV3	862529	1907396	85.65%	11.601%
86	12.389	3511	3514	3519	rVB3	1556	1377	0.06%	0.008%
87	12.450	3529	3533	3535	rBV	1601	1267	0.06%	0.008%
88	12.639	3582	3592	3602	rBV6	7739	14789	0.66%	0.090%
89	12.810	3642	3645	3646	rBV2	1504	889	0.04%	0.005%
90	12.893	3665	3671	3676	rBV5	3254	4348	0.20%	0.026%
91	12.993	3693	3702	3708	rBV4	6133	9766	0.44%	0.059%
92	13.247	3777	3781	3783	rBV2	1547	1199	0.05%	0.007%
93	13.501	3848	3860	3894	rBV	542290	919842	41.30%	5.594%
94	13.987	4000	4011	4037	rBV	126042	231358	10.39%	1.407%
95	14.260	4093	4096	4102	rBV3	1037	1306	0.06%	0.008%
96	14.610	4202	4205	4208	rBV3	1208	941	0.04%	0.006%
97	14.768	4248	4254	4257	rBV	914	1285	0.06%	0.008%
98	15.038	4335	4338	4341	rBV	1301	1078	0.05%	0.007%
99	15.475	4471	4474	4477	rBV	1449	1087	0.05%	0.007%
100	15.559	4497	4500	4503	rBV	1439	1069	0.05%	0.007%

Sum of corrected areas: 16442041

LSC Report - Integrated Chromatogram

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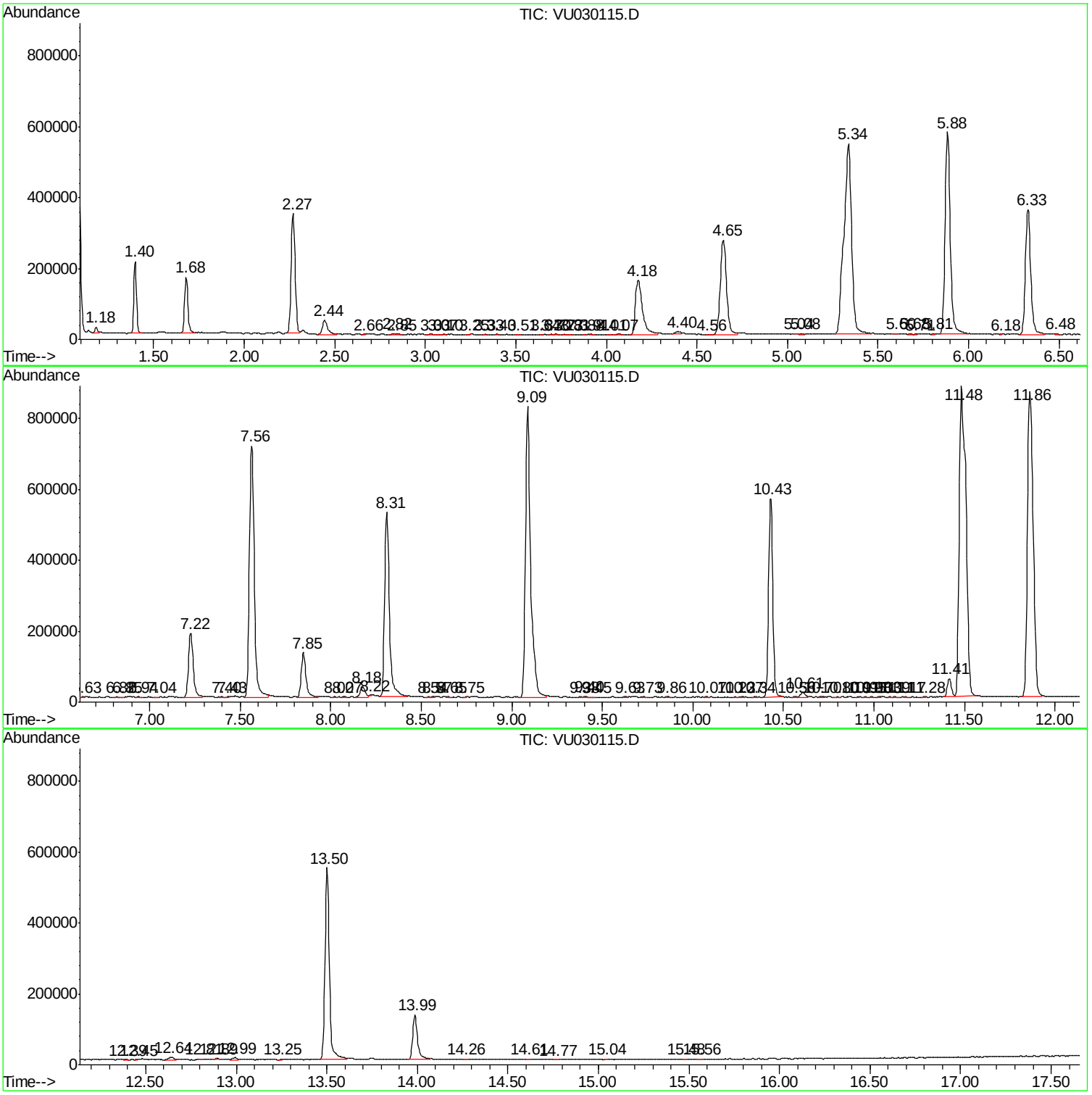
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09B3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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\VU031619\
Data File : VU030115.D
Acq On : 15 Mar 2019 16:58
Operator : JC/SP
Sample : K1917-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09B3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

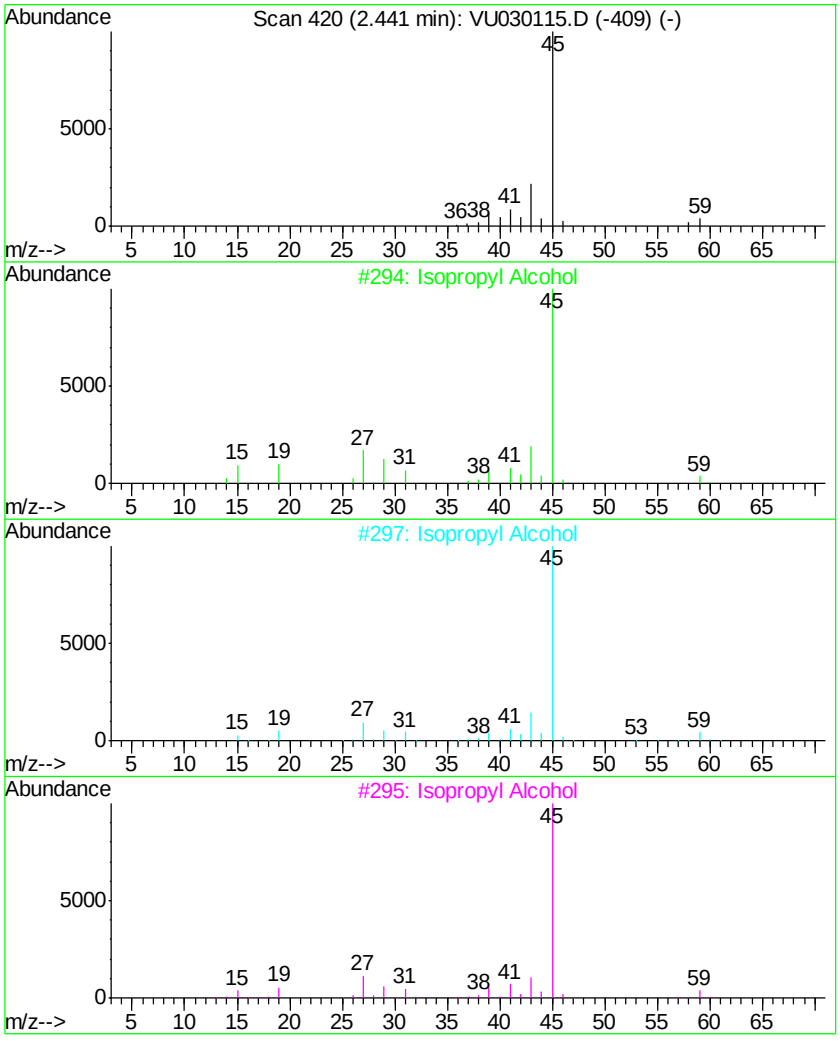
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

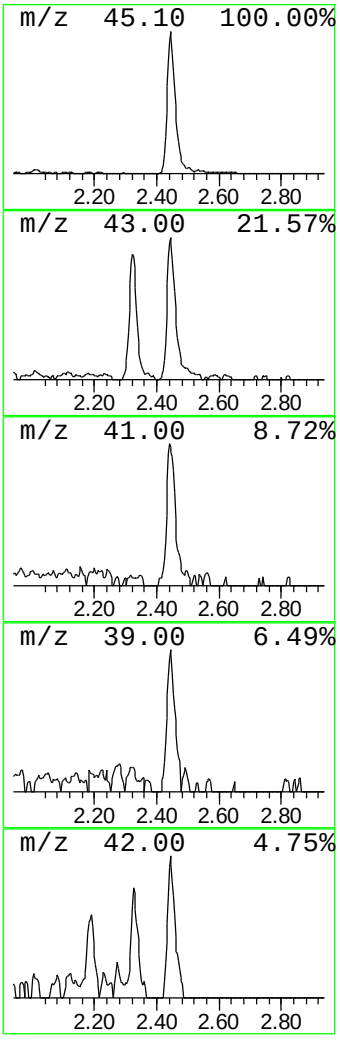
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.40 ug/L	77348	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Formamide	45	CH3NO	000075-12-7	5
5	Formamide	45	CH3NO	000075-12-7	4





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	3.4	ug/L	77348	1	5.88	1138310	50.0