LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030117.D
Acq On : 15 Mar 2019 17:44
Operator : JC/SP
Sample : K1917-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F6

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	36	rBV2	13885	13449	0.84%	0.100%
2	1.399	89	96	110	rBV	196067	193954	12.09%	1.446%
3	1.678	176	183	197	rVB	157381	196566	12.25%	1.465%
4	2.270	356	367	380	rBV	334024	509280	31.75%	3.796%
5	2.444	411	421	443	rBV	75062	139303	8.68%	1.038%
6	2.839	531	544	547	rBV3	4237	7244	0.45%	0.054%
7	3.042	602	607	608	rBV	984	832	0.05%	0.006%
8	3.148	636	640	645	rBV2	825	836	0.05%	0.006%
9	3.334	695	698	700	rBV2	1109	801	0.05%	0.006%
10	3.492	741	747	753	rBV	1248	1839	0.11%	0.014%
11	3.524	753	757	760	rBV	1937	1806	0.11%	0.013%
12	3.923	878	881	886	rBV2	1695	1388	0.09%	0.010%
13	3.977	895	898	902	rVB	1471	923	0.06%	0.007%
14	4.177	948	960	988	rBV	158133	423814	26.42%	3.159%
15	4.389	1019	1026	1043	rVB3	8779	18959	1.18%	0.141%
16	4.646	1090	1106	1132	rBV	262764	623209	38.85%	4.645%
17	5.138	1255	1259	1261	rBV2	777	709	0.04%	0.005%
18	5.199	1275	1278	1282	rVB2	825	693	0.04%	0.005%
19	5.337	1298	1321	1352	rBV2	535740	1604092	100.00%	11.957%
20	5.514	1373	1376	1381	rBV3	1496	1001	0.06%	0.007%
21	5.665	1421	1423	1427	rVB2	1299	821	0.05%	0.006%
22	5.701	1431	1434	1437	rBV2	1020	798	0.05%	0.006%
23	5.884	1477	1491	1522	rBV	562486	1140532	71.10%	8.501%
24	6.138	1565	1570	1576	rVB2	1451	1972	0.12%	0.015%
25	6.173	1576	1581	1585	rBV	1895	2229	0.14%	0.017%
26	6.260	1605	1608	1611	rVB	1042	691	0.04%	0.005%
27	6.328	1615	1629	1655	rBV	356142	718075	44.77%	5.352%
28	6.624	1718	1721	1726	rVB2	948	712	0.04%	0.005%
29	6.672	1730	1736	1742	rBV	1222	1404	0.09%	0.010%
30	6.697	1742	1744	1748	rVB2	1177	776	0.05%	0.006%
31	6.730	1748	1754	1761	rBV2	1711	1985	0.12%	0.015%
32	6.762	1761	1764	1767	rBV	1163	881	0.05%	0.007%
33	6.884	1800	1802	1806	rVB	1184	642	0.04%	0.005%
34	6.955	1821	1824	1829	rBV4	782	826	0.05%	0.006%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F6

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

35	7.035	1844	1849	1854	rBV	1015	997	0.06%	0.007%
36	7.061	1854	1857	1862	rVB2	1072	1044	0.07%	0.008%
37	7.093	1862	1867	1873	rBV2	1440	2002	0.12%	0.015%
38	7.154	1883	1886	1891	rVB2	1227	988	0.06%	0.007%
39	7.225	1895	1908	1933	rBV	178764	333919	20.82%	2.489%
40	7.498	1991	1993	1999	rVB2	1493	885	0.06%	0.007%
41	7.562	1999	2013	2044	rBV	703163	1292184	80.56%	9.632%
42	7.804	2085	2088	2090	rBV	1457	970	0.06%	0.007%
43	7.849	2091	2102	2129	rVV	121787	223034	13.90%	1.662%
44	8.177	2193	2204	2215	rBV2	24825	45654	2.85%	0.340%
45	8.225	2215	2219	2227	rVB4	2947	4282	0.27%	0.032%
46	8.308	2235	2245	2275	rBV	522767	939060	58.54%	7.000%
47	8.492	2299	2302	2305	rBV3	1302	1073	0.07%	0.008%
48	8.540	2312	2317	2324	rVB2	2467	3609	0.22%	0.027%
49	8.575	2324	2328	2333	rBV	1854	2078	0.13%	0.015%
50	8.601	2333	2336	2340	rVV2	1335	1069	0.07%	0.008%
51	8.623	2340	2343	2346	rVV	1408	953	0.06%	0.007%
52	8.765	2384	2387	2393	rBV2	1165	1508	0.09%	0.011%
53	8.829	2403	2407	2410	rBV	820	724	0.05%	0.005%
54	8.877	2418	2422	2424	rBV3	813	632	0.04%	0.005%
55	8.890	2424	2426	2432	rVB	912	640	0.04%	0.005%
56	8.919	2432	2435	2442	rBV	769	798	0.05%	0.006%
57	9.086	2474	2487	2523	rBV	829625	1418211	88.41%	10.571%
58	9.270	2542	2544	2547	rBV	1100	736	0.05%	0.005%
59	9.308	2552	2556	2559	rBV2	1264	1182	0.07%	0.009%
60	9.369	2572	2575	2576	rBV	1371	787	0.05%	0.006%
61	9.511	2616	2619	2624	rVB	1038	749	0.05%	0.006%
62	9.710	2678	2681	2691	rVB	1093	1726	0.11%	0.013%
63	9.762	2694	2697	2703	rVB	1386	1293	0.08%	0.010%
64	9.861	2726	2728	2734	rVB	929	742	0.05%	0.006%
65	9.919	2742	2746	2749	rBV	1303	816	0.05%	0.006%
66	10.183	2824	2828	2832	rVB	1067	792	0.05%	0.006%
67	10.286	2855	2860	2863	rBV2	1155	1212	0.08%	0.009%
68	10.321	2863	2871	2873	rBV3	1108	1555	0.10%	0.012%
69	10.427	2888	2904	2928	rBV	561609	910736	56.78%	6.788%
70	10.514	2928	2931	2933	rBV3	1046	730	0.05%	0.005%
71	10.559	2940	2945	2948	rBV3	1237	1383	0.09%	0.010%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F6

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

72	10.607	2952	2960	2973	rVB2	13065	21198	1.32%	0.158%
73	10.881	3040	3045	3048	rBV5	1066	1041	0.06%	0.008%
74	10.935	3057	3062	3069	rBV3	1415	1689	0.11%	0.013%
75	10.971	3069	3073	3076	rBV	844	772	0.05%	0.006%
76	11.028	3088	3091	3095	rBV2	1398	1223	0.08%	0.009%
77	11.266	3162	3165	3170	rVB	1084	1043	0.07%	0.008%
78	11.308	3175	3178	3181	rBV	1179	855	0.05%	0.006%
79	11.360	3191	3194	3196	rBV	1477	990	0.06%	0.007%
80	11.424	3206	3214	3216	rBV5	2391	3192	0.20%	0.024%
81	11.482	3220	3232	3256	rVV	808672	1314189	81.93%	9.796%
82	11.588	3263	3265	3268	rBV2	1570	1024	0.06%	0.008%
83	11.858	3336	3349	3369	rBV	747235	1235239	77.01%	9.207%
84	12.186	3449	3451	3457	rBV	1328	988	0.06%	0.007%
85	12.295	3481	3485	3487	rBV2	1484	1106	0.07%	0.008%
86	12.408	3514	3520	3524	rBV2	1301	1581	0.10%	0.012%
87	12.530	3555	3558	3560	rBV2	1482	1103	0.07%	0.008%
88	12.572	3565	3571	3574	rBV	1177	1435	0.09%	0.011%
89	12.794	3638	3640	3644	rVB	2006	1270	0.08%	0.009%
90	12.819	3645	3648	3651	rBV2	1176	828	0.05%	0.006%
91	13.012	3703	3708	3710	rBV	1240	1116	0.07%	0.008%
92	13.215	3768	3771	3775	rBV2	1207	950	0.06%	0.007%
93	13.340	3806	3810	3813	rBV2	1688	1651	0.10%	0.012%
94	13.475	3850	3852	3856	rVB	1096	666	0.04%	0.005%
95	13.562	3875	3879	3883	rBV3	988	1221	0.08%	0.009%
96	13.903	3982	3985	3987	rBV2	1095	766	0.05%	0.006%
97	13.999	4012	4015	4016	rBV2	994	649	0.04%	0.005%
98	14.295	4104	4107	4112	rVB	1632	1523	0.09%	0.011%
99	14.617	4204	4207	4213	rBV3	1507	2164	0.13%	0.016%
100	15.260	4405	4407	4409	rBV	1129	714	0.04%	0.005%

Sum of corrected areas: 13415981

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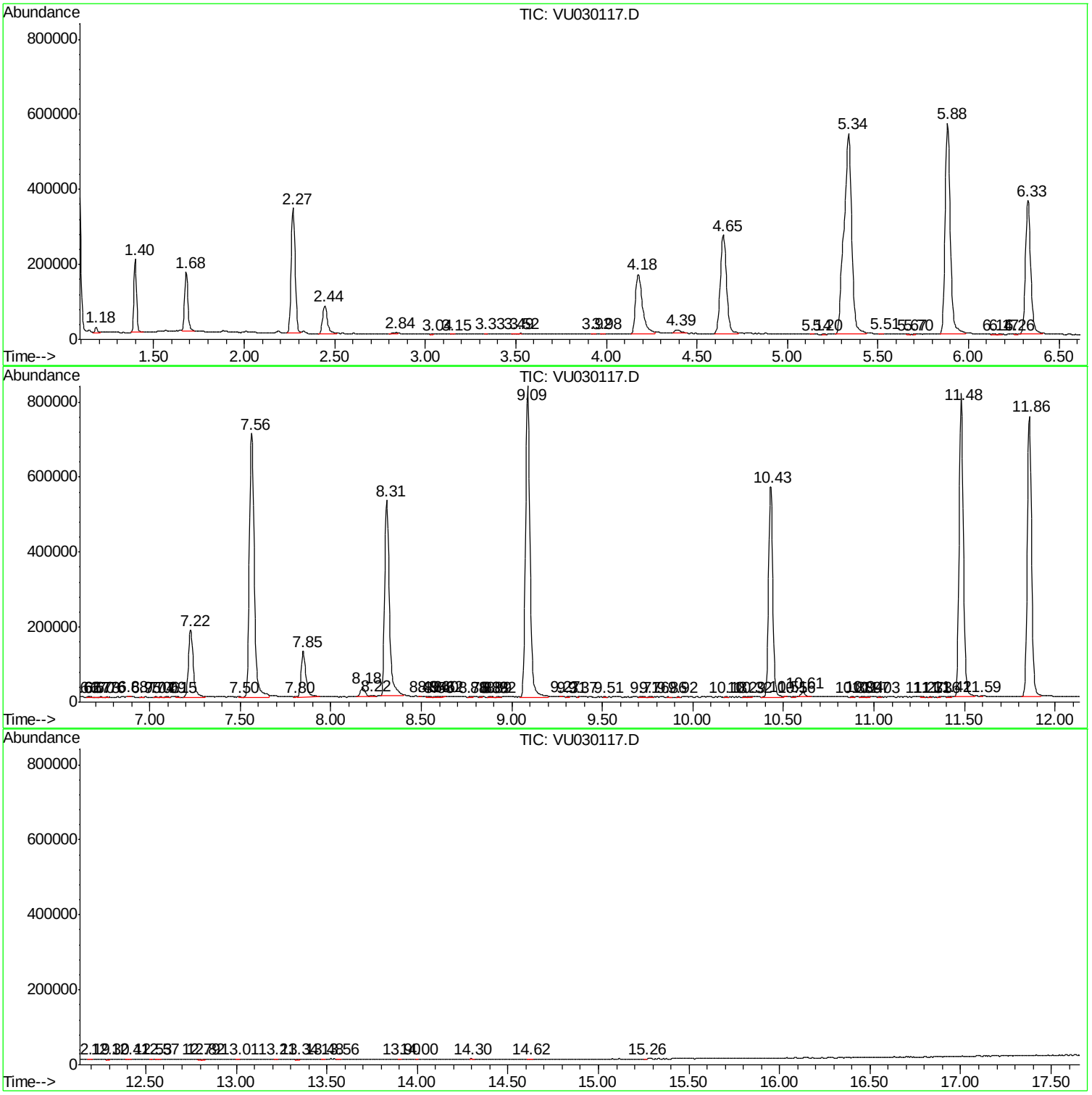
ClientSampleId : C09F6

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 : VU030117.D
Acq On : 15 Mar 2019 17:44
Operator : JC/SP
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F6

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

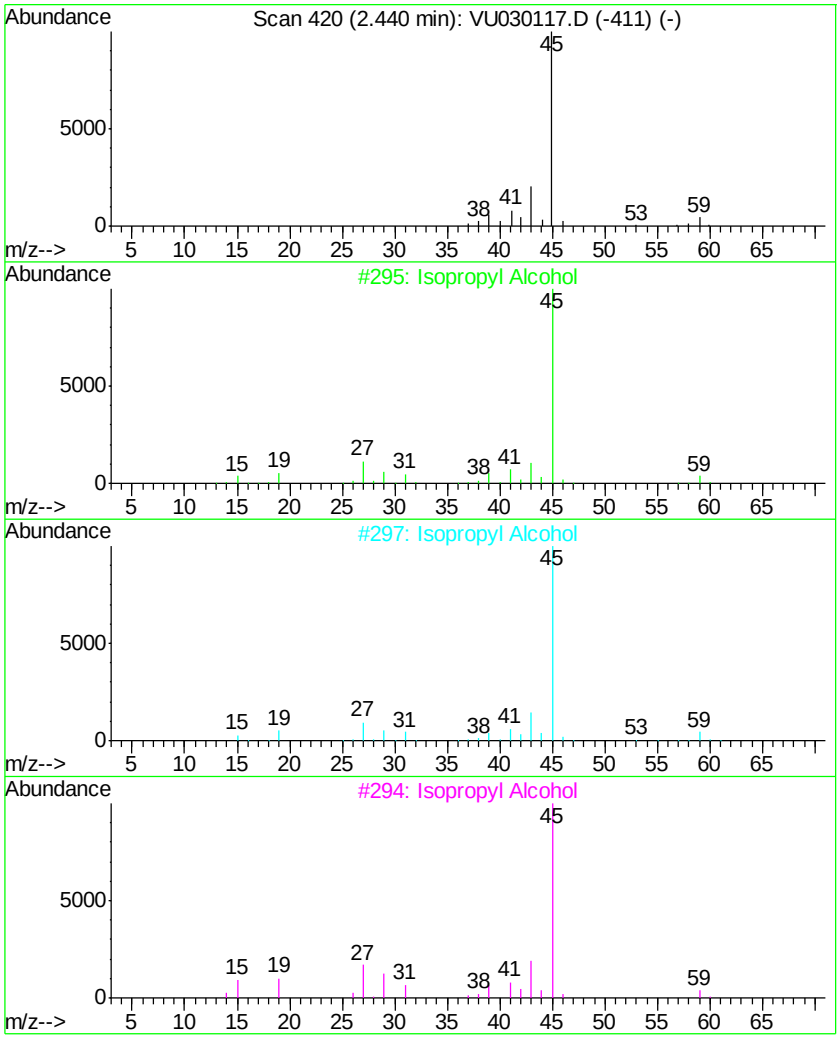
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

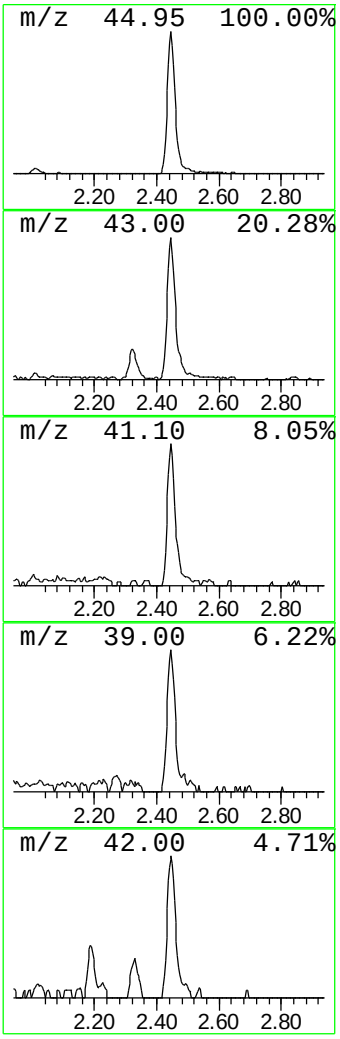
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.11 ug/L	139303	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	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\
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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	6.1	ug/L	139303	1	5.88	1140530	50.0