LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
Data File : VU026708.D
Acq On : 12 Sep 2018 17:47
Operator : MD/SY
Sample : J4868-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q3

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\SOMULM091018WMA.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	1.395	63	69	78	rBV	92441	95560	13.56%	1.683%
2	1.678	150	157	171	rVB	74306	96439	13.68%	1.699%
3	2.270	331	341	353	rVB	150686	225343	31.97%	3.970%
4	2.447	386	396	417	rBV	19738	36646	5.20%	0.646%
5	3.431	698	702	705	rBV	75	64	0.01%	0.001%
6	3.588	748	751	753	rBV	123	82	0.01%	0.001%
7	3.630	761	764	770	rBV	185	111	0.02%	0.002%
8	3.701	781	786	790	rVB	116	113	0.02%	0.002%
9	3.720	790	792	796	rBV	156	85	0.01%	0.001%
10	3.788	809	813	815	rBV	137	103	0.01%	0.002%
11	3.800	815	817	821	rVV	148	92	0.01%	0.002%
12	3.855	831	834	840	rVB	102	116	0.02%	0.002%
13	3.971	868	870	873	rVV	192	97	0.01%	0.002%
14	3.990	874	876	882	rVB	163	68	0.01%	0.001%
15	4.122	914	917	921	rBV	91	81	0.01%	0.001%
16	4.180	921	935	965	rBV	70651	188324	26.72%	3.317%
17	4.460	1020	1022	1026	rVB2	173	106	0.02%	0.002%
18	4.482	1026	1029	1030	rBV2	204	72	0.01%	0.001%
19	4.521	1039	1041	1046	rVB	150	84	0.01%	0.001%
20	4.649	1064	1081	1109	rBV	118843	277374	39.35%	4.886%
21	4.887	1147	1155	1159	rBV3	486	758	0.11%	0.013%
22	4.990	1182	1187	1199	rBV3	655	1158	0.16%	0.020%
23	5.080	1213	1215	1222	rVB	211	191	0.03%	0.003%
24	5.115	1222	1226	1230	rVB2	233	191	0.03%	0.003%
25	5.138	1230	1233	1235	rBV	203	170	0.02%	0.003%
26	5.183	1242	1247	1251	rBV2	195	188	0.03%	0.003%
27	5.212	1255	1256	1262	rVB	168	125	0.02%	0.002%
28	5.257	1262	1270	1272	rBV	217	253	0.04%	0.004%
29	5.341	1272	1296	1316	rBV2	241465	704851	100.00%	12.417%
30	5.482	1335	1340	1341	rBV2	296	238	0.03%	0.004%
31	5.505	1345	1347	1349	rBV2	132	65	0.01%	0.001%
32	5.553	1358	1362	1368	rVB2	173	150	0.02%	0.003%
33	5.588	1368	1373	1377	rBV2	172	173	0.02%	0.003%
34	5.672	1395	1399	1402	rBV2	194	176	0.02%	0.003%

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ALS Vial : 13 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\SOMULM091018WMA.M
Title : VOC Analysis

35	5.730	1413	1417	1418	rBV	142	99	0.01%	0.002%
36	5.771	1427	1430	1431	rBV	183	105	0.01%	0.002%
37	5.887	1452	1466	1483	rBV	255847	495942	70.36%	8.736%
38	6.035	1510	1512	1514	rBV	250	128	0.02%	0.002%
39	6.138	1541	1544	1549	rVV	235	185	0.03%	0.003%
40	6.167	1549	1553	1554	rVB2	249	125	0.02%	0.002%
41	6.189	1554	1560	1571	rBV4	984	1650	0.23%	0.029%
42	6.231	1571	1573	1576	rVB	126	71	0.01%	0.001%
43	6.247	1576	1578	1579	rBV	154	63	0.01%	0.001%
44	6.334	1590	1605	1626	rBV	166529	329932	46.81%	5.812%
45	6.408	1626	1628	1630	rBV3	285	135	0.02%	0.002%
46	6.459	1643	1644	1645	rBV3	191	59	0.01%	0.001%
47	6.469	1645	1647	1651	rVV2	179	122	0.02%	0.002%
48	6.524	1660	1664	1667	rVB2	184	156	0.02%	0.003%
49	6.562	1673	1676	1677	rBV	153	88	0.01%	0.002%
50	6.620	1691	1694	1699	rVB2	174	123	0.02%	0.002%
51	6.649	1699	1703	1705	rVB2	169	125	0.02%	0.002%
52	6.668	1705	1709	1715	rBV	197	186	0.03%	0.003%
53	6.736	1727	1730	1733	rBV2	152	145	0.02%	0.003%
54	6.787	1743	1746	1750	rBV2	180	169	0.02%	0.003%
55	6.807	1750	1752	1758	rBV2	176	164	0.02%	0.003%
56	6.855	1764	1767	1768	rBV2	199	101	0.01%	0.002%
57	6.968	1800	1802	1804	rVB	143	75	0.01%	0.001%
58	6.990	1807	1809	1812	rVB	175	80	0.01%	0.001%
59	7.090	1836	1840	1844	rVB2	136	93	0.01%	0.002%
60	7.125	1847	1851	1852	rBV	186	124	0.02%	0.002%
61	7.231	1871	1884	1904	rBV	93469	163808	23.24%	2.886%
62	7.353	1920	1922	1926	rVB	137	64	0.01%	0.001%
63	7.376	1926	1929	1931	rBV2	314	161	0.02%	0.003%
64	7.453	1950	1953	1954	rBV	223	134	0.02%	0.002%
65	7.569	1970	1989	2009	rBV	318633	553553	78.53%	9.751%
66	7.720	2034	2036	2038	rVB	282	149	0.02%	0.003%
67	7.813	2063	2065	2066	rBV	152	65	0.01%	0.001%
68	7.852	2066	2077	2096	rVV	64927	109935	15.60%	1.937%
69	7.987	2116	2119	2120	rBV	153	71	0.01%	0.001%
70	8.051	2136	2139	2140	rBV	105	62	0.01%	0.001%
71	8.183	2171	2180	2190	rBV2	4980	9380	1.33%	0.165%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
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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\SOMULM091018WMA.M
Title : VOC Analysis

72	8.315	2210	2221	2247	rVB	222098	374050	53.07%	6.589%
73	8.659	2325	2328	2331	rVB2	200	122	0.02%	0.002%
74	8.791	2367	2369	2373	rVB	240	135	0.02%	0.002%
75	8.816	2373	2377	2378	rBV	180	75	0.01%	0.001%
76	8.868	2390	2393	2394	rBV	158	77	0.01%	0.001%
77	8.900	2400	2403	2405	rBV	144	85	0.01%	0.001%
78	9.093	2450	2463	2483	rBV	360625	585744	83.10%	10.318%
79	9.241	2505	2509	2510	rBV	138	95	0.01%	0.002%
80	9.379	2546	2552	2558	rBV2	482	595	0.08%	0.010%
81	9.453	2574	2575	2580	rVB	188	78	0.01%	0.001%
82	9.520	2593	2596	2598	rBV	114	80	0.01%	0.001%
83	9.572	2609	2612	2617	rBV	152	119	0.02%	0.002%
84	9.659	2634	2639	2641	rBV2	286	229	0.03%	0.004%
85	9.720	2655	2658	2661	rBV	222	195	0.03%	0.003%
86	9.871	2701	2705	2707	rBV	113	98	0.01%	0.002%
87	9.900	2712	2714	2721	rVB	230	156	0.02%	0.003%
88	10.138	2784	2788	2790	rBV	264	165	0.02%	0.003%
89	10.434	2868	2880	2899	rBV	232732	368552	52.29%	6.492%
90	10.530	2907	2910	2911	rBV	200	112	0.02%	0.002%
91	10.610	2930	2935	2946	rVB2	2434	3447	0.49%	0.061%
92	10.707	2963	2965	2968	rBV	202	102	0.01%	0.002%
93	10.749	2976	2978	2980	rBV2	190	114	0.02%	0.002%
94	10.839	3005	3006	3010	rVB	173	67	0.01%	0.001%
95	10.922	3028	3032	3034	rBV2	314	273	0.04%	0.005%
96	11.196	3114	3117	3120	rBV2	187	146	0.02%	0.003%
97	11.485	3195	3207	3223	rBV	346129	535086	75.91%	9.426%
98	11.861	3312	3324	3345	rBV	319544	509011	72.22%	8.967%
99	12.298	3458	3460	3461	rBV	279	130	0.02%	0.002%
100	12.739	3594	3597	3600	rBV2	370	287	0.04%	0.005%

Sum of corrected areas: 5676699

LSC Report - Integrated Chromatogram

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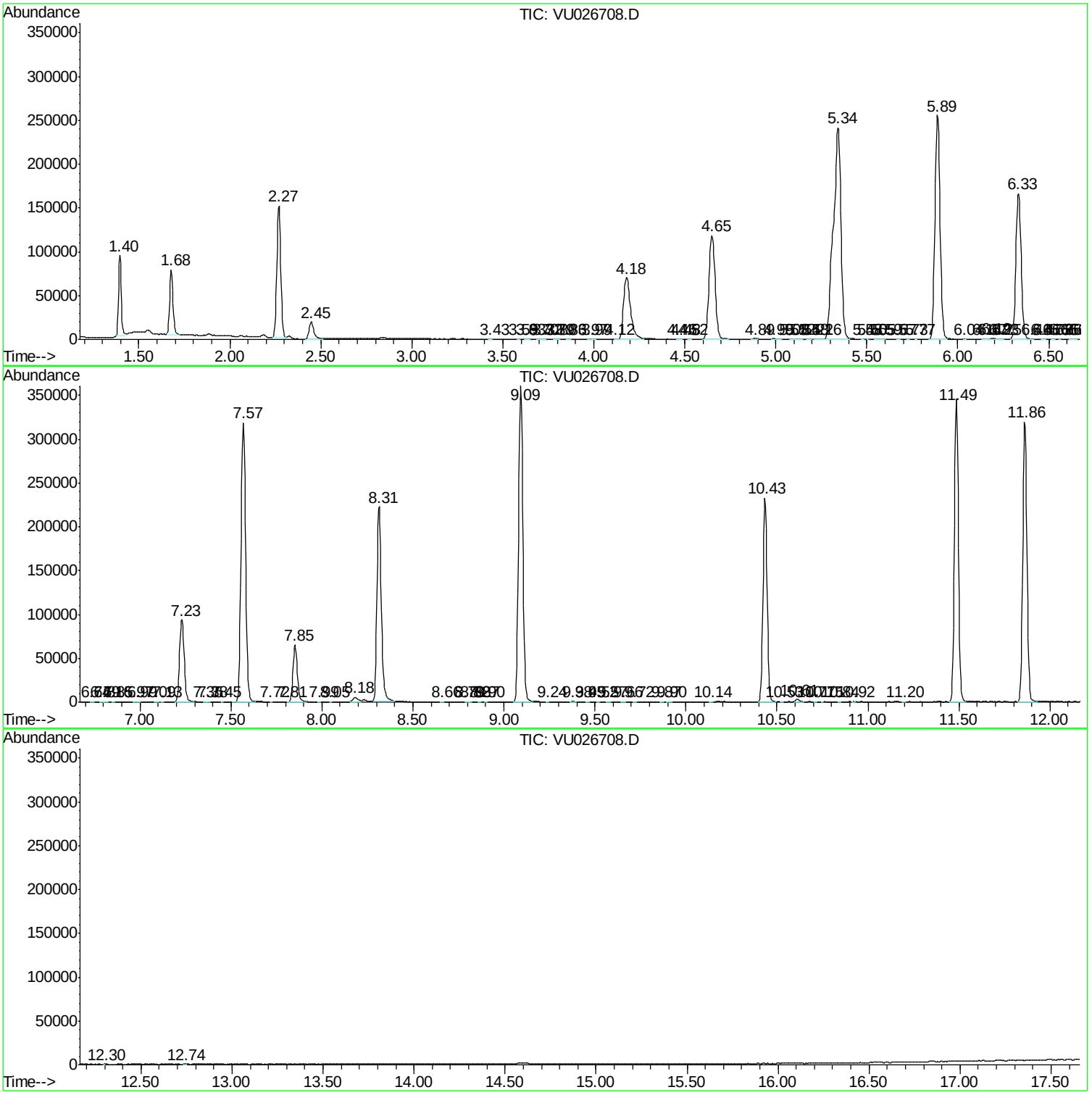
Instrument : MSVOA_U
ClientSampleId : DB3Q3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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\VU091318\
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Operator : MD/SY
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis

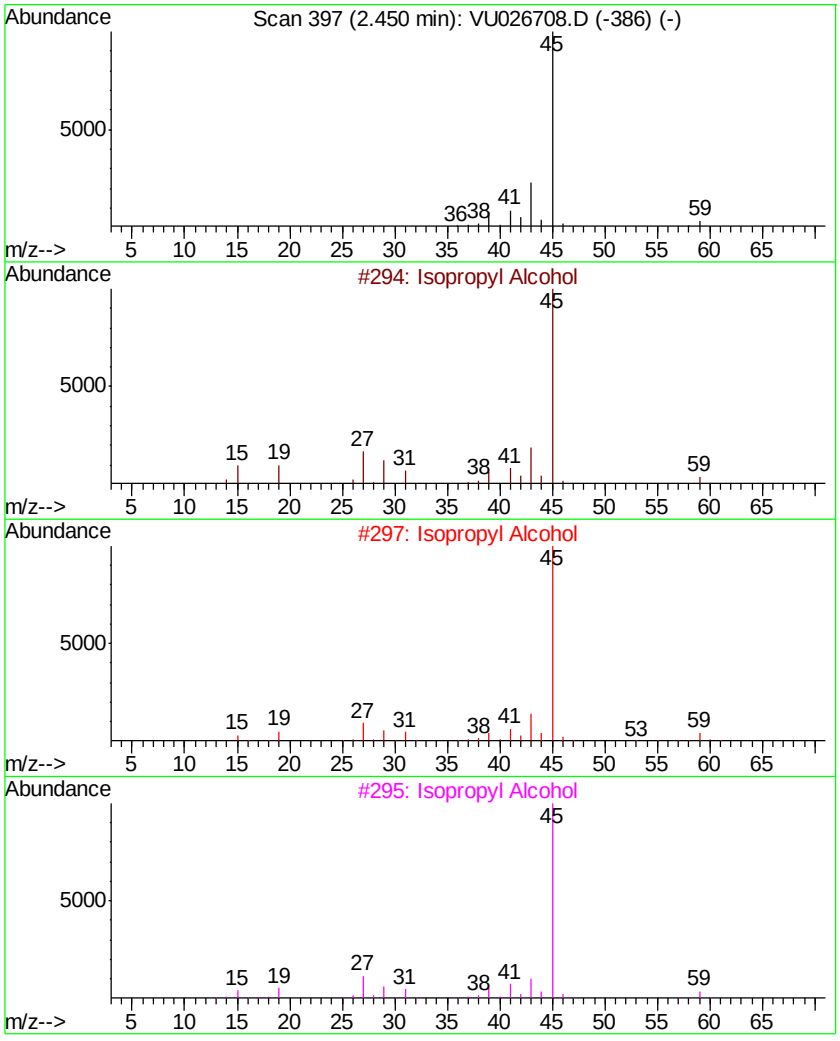
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

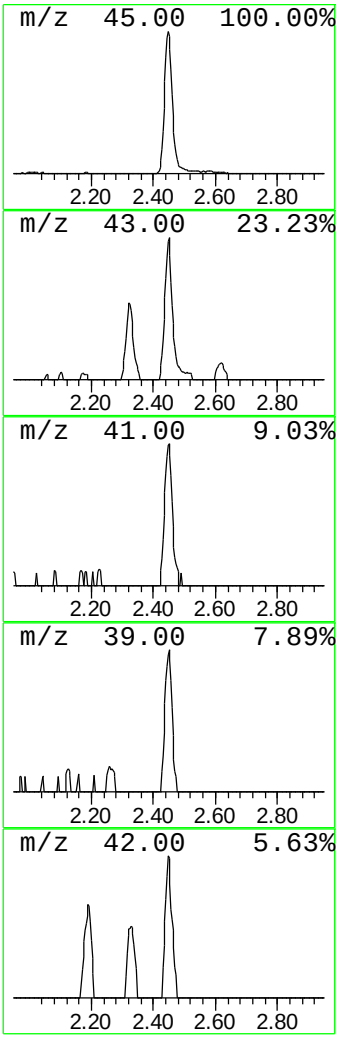
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	3.69 ug/L	36646	1,4-Difluorobenzene	5.89

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	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
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	2.45	3.7	ug/L	36646	1	5.89	495942	50.0