LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
Data File : VU026766.D
Acq On : 14 Sep 2018 15:13
Operator : MD/SY
Sample : J4890-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0SZ3

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	62	69	82	rBV	78771	81104	14.83%	1.878%
2	1.556	111	119	126	rBV7	3282	5059	0.93%	0.117%
3	1.678	149	157	179	rVB	61580	80814	14.78%	1.872%
4	1.887	216	222	233	rVB5	2574	3285	0.60%	0.076%
5	2.273	331	342	354	rBV	127658	192249	35.15%	4.452%
6	2.443	383	395	415	rBV2	24500	42218	7.72%	0.978%
7	2.614	444	448	450	rBV	199	197	0.04%	0.005%
8	2.704	468	476	485	rVB2	890	1299	0.24%	0.030%
9	2.836	510	517	529	rVB3	865	1734	0.32%	0.040%
10	3.025	571	576	582	rBV	96	139	0.03%	0.003%
11	3.144	611	613	616	rBV	94	55	0.01%	0.001%
12	3.160	616	618	622	rVV	101	63	0.01%	0.001%
13	3.205	630	632	635	rBV	77	39	0.01%	0.001%
14	3.447	704	707	712	rBV	116	93	0.02%	0.002%
15	3.543	734	737	740	rBV	86	65	0.01%	0.002%
16	3.800	814	817	825	rBV	96	94	0.02%	0.002%
17	4.041	887	892	895	rBV	74	85	0.02%	0.002%
18	4.180	920	935	965	rBV	50189	130940	23.94%	3.032%
19	4.392	998	1001	1004	rBV	243	99	0.02%	0.002%
20	4.456	1016	1021	1025	rBV	97	123	0.02%	0.003%
21	4.517	1039	1040	1043	rVB	166	42	0.01%	0.001%
22	4.649	1064	1081	1104	rBV	92240	214856	39.29%	4.976%
23	4.855	1144	1145	1146	rBV	99	21	0.00%	0.000%
24	4.884	1149	1154	1160	rVB2	507	632	0.12%	0.015%
25	4.910	1160	1162	1164	rBV	148	71	0.01%	0.002%
26	4.993	1185	1188	1192	rVB2	190	130	0.02%	0.003%
27	5.064	1209	1210	1211	rVB2	108	21	0.00%	0.000%
28	5.250	1266	1268	1272	rVB	323	202	0.04%	0.005%
29	5.344	1272	1297	1320	rBV2	185597	546899	100.00%	12.666%
30	5.569	1363	1367	1376	rBV	408	585	0.11%	0.014%
31	5.630	1383	1386	1389	rBV2	152	128	0.02%	0.003%
32	5.678	1397	1401	1403	rBV	187	149	0.03%	0.003%
33	5.713	1408	1412	1415	rBV2	174	130	0.02%	0.003%
34	5.890	1452	1467	1490	rBV	198275	385855	70.55%	8.936%

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Sample : J4890-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0SZ3

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

35	6.032	1508	1511	1512	rBV	231	92	0.02%	0.002%
36	6.041	1512	1514	1515	rBV	131	35	0.01%	0.001%
37	6.074	1521	1524	1531	rVB2	188	160	0.03%	0.004%
38	6.102	1531	1533	1535	rBV	46	25	0.00%	0.001%
39	6.189	1551	1560	1571	rBV5	6994	12444	2.28%	0.288%
40	6.334	1591	1605	1628	rBV	128279	254345	46.51%	5.890%
41	6.475	1646	1649	1655	rVB	159	122	0.02%	0.003%
42	6.501	1655	1657	1660	rBV	50	29	0.01%	0.001%
43	6.768	1737	1740	1744	rBV	88	90	0.02%	0.002%
44	6.803	1749	1751	1754	rVB	75	37	0.01%	0.001%
45	6.826	1754	1758	1764	rBV	82	110	0.02%	0.003%
46	6.861	1764	1769	1773	rBV	333	371	0.07%	0.009%
47	6.909	1781	1784	1788	rVB	161	90	0.02%	0.002%
48	7.000	1809	1812	1815	rBV	83	65	0.01%	0.002%
49	7.057	1828	1830	1833	rBV	56	35	0.01%	0.001%
50	7.231	1872	1884	1904	rBV	66944	116828	21.36%	2.706%
51	7.366	1923	1926	1928	rBV	88	55	0.01%	0.001%
52	7.482	1959	1962	1964	rBV	133	56	0.01%	0.001%
53	7.569	1976	1989	2008	rBV	240888	409367	74.85%	9.481%
54	7.720	2035	2036	2040	rVB2	185	79	0.01%	0.002%
55	7.762	2047	2049	2050	rBV2	123	33	0.01%	0.001%
56	7.778	2052	2054	2055	rBV2	144	58	0.01%	0.001%
57	7.810	2061	2064	2067	rBV	139	74	0.01%	0.002%
58	7.852	2067	2077	2094	rBV	47171	77802	14.23%	1.802%
59	7.932	2100	2102	2107	rVB	273	101	0.02%	0.002%
60	8.073	2144	2146	2147	rBV	103	40	0.01%	0.001%
61	8.138	2164	2166	2169	rVB	208	79	0.01%	0.002%
62	8.186	2169	2181	2187	rBV3	2295	4860	0.89%	0.113%
63	8.228	2188	2194	2204	rVB4	3163	5383	0.98%	0.125%
64	8.311	2209	2220	2249	rVB	157001	266966	48.81%	6.183%
65	8.543	2291	2292	2294	rVB	216	42	0.01%	0.001%
66	8.565	2297	2299	2301	rBV	174	71	0.01%	0.002%
67	8.620	2314	2316	2319	rBV2	175	97	0.02%	0.002%
68	8.681	2333	2335	2336	rBV2	167	73	0.01%	0.002%
69	8.720	2345	2347	2350	rVB	182	64	0.01%	0.001%
70	8.848	2384	2387	2390	rBV	107	79	0.01%	0.002%
71	8.909	2404	2406	2407	rBV	130	29	0.01%	0.001%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4890-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0SZ3

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

72	8.958	2419	2421	2424	rBV	149	72	0.01%	0.002%
73	9.093	2451	2463	2486	rBV	278454	460750	84.25%	10.671%
74	9.218	2500	2502	2503	rBV	121	28	0.01%	0.001%
75	9.228	2503	2505	2509	rVV	169	101	0.02%	0.002%
76	9.250	2509	2512	2515	rVB2	216	153	0.03%	0.004%
77	9.305	2527	2529	2532	rVB	234	91	0.02%	0.002%
78	9.607	2620	2623	2628	rBV	143	114	0.02%	0.003%
79	9.790	2677	2680	2685	rVB2	180	134	0.02%	0.003%
80	9.845	2696	2697	2698	rBV2	154	48	0.01%	0.001%
81	10.343	2851	2852	2853	rBV2	100	21	0.00%	0.000%
82	10.385	2861	2865	2868	rBV2	178	136	0.02%	0.003%
83	10.433	2868	2880	2897	rVV	173372	271703	49.68%	6.292%
84	10.610	2930	2935	2944	rBV2	664	868	0.16%	0.020%
85	10.681	2956	2957	2959	rVB2	123	25	0.00%	0.001%
86	11.485	3196	3207	3226	rBV	246378	385735	70.53%	8.933%
87	11.556	3226	3229	3234	rVB3	331	273	0.05%	0.006%
88	11.639	3253	3255	3256	rBV3	133	39	0.01%	0.001%
89	11.861	3311	3324	3341	rBV	221503	355820	65.06%	8.241%
90	12.003	3366	3368	3371	rVB2	308	152	0.03%	0.004%
91	12.080	3391	3392	3394	rVB2	213	82	0.01%	0.002%
92	12.131	3406	3408	3410	rBV	144	38	0.01%	0.001%
93	12.195	3427	3428	3429	rBV	104	21	0.00%	0.000%
94	12.478	3511	3516	3522	rBV2	571	830	0.15%	0.019%
95	12.559	3538	3541	3544	rBV2	209	127	0.02%	0.003%
96	13.125	3715	3717	3718	rBV2	135	38	0.01%	0.001%
97	13.234	3749	3751	3754	rBV	233	141	0.03%	0.003%
98	13.511	3833	3837	3838	rBV	397	287	0.05%	0.007%
99	13.777	3918	3920	3924	rVB	263	158	0.03%	0.004%
100	14.260	4068	4070	4071	rBV	354	166	0.03%	0.004%

Sum of corrected areas: 4317912

LSC Report - Integrated Chromatogram

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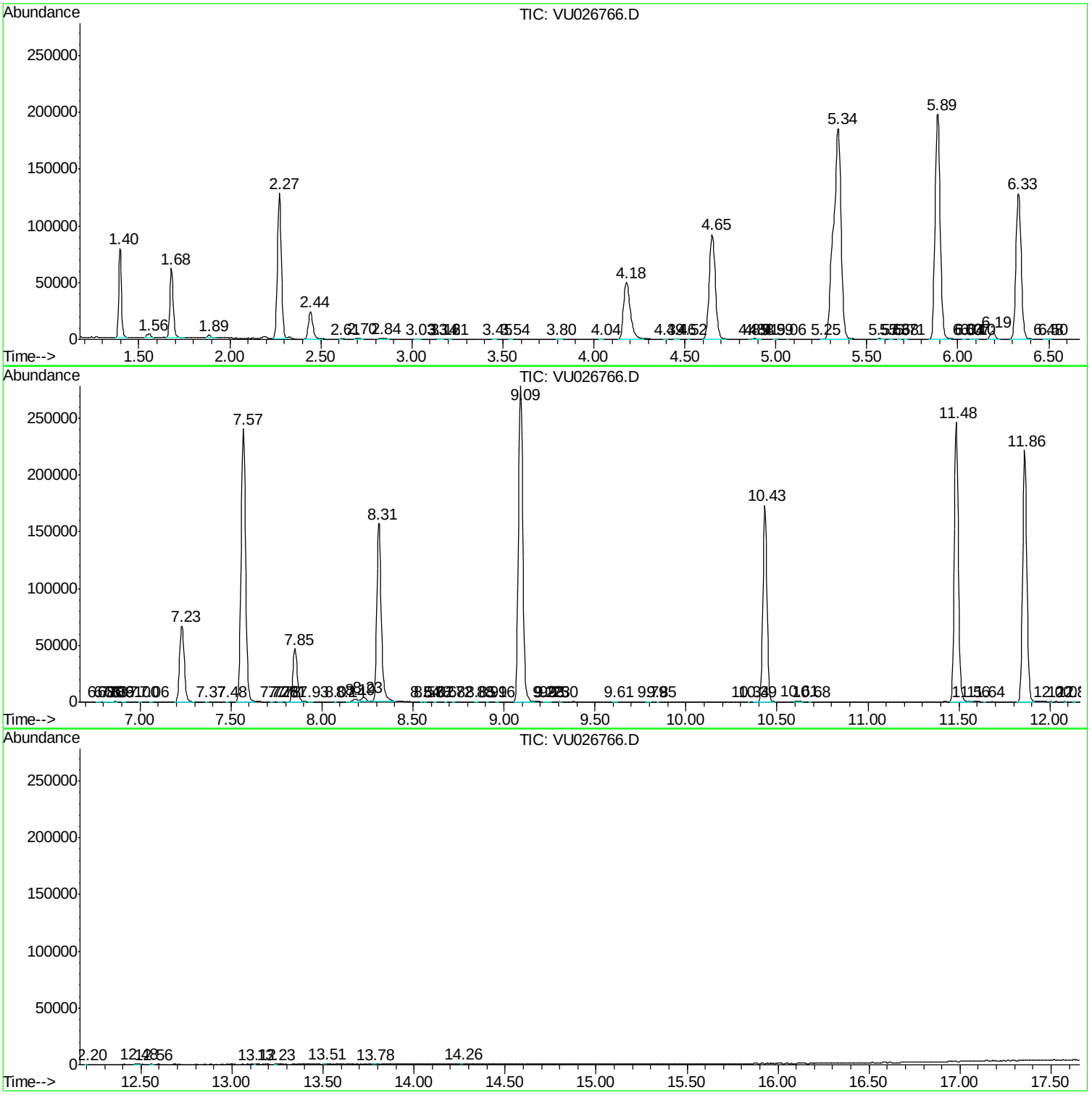
Instrument : MSVOA_U
ClientSampleId : C0SZ3

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\VU091518\
Data File : VU026766.D
Acq On : 14 Sep 2018 15:13
Operator : MD/SY
Sample : J4890-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0SZ3

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

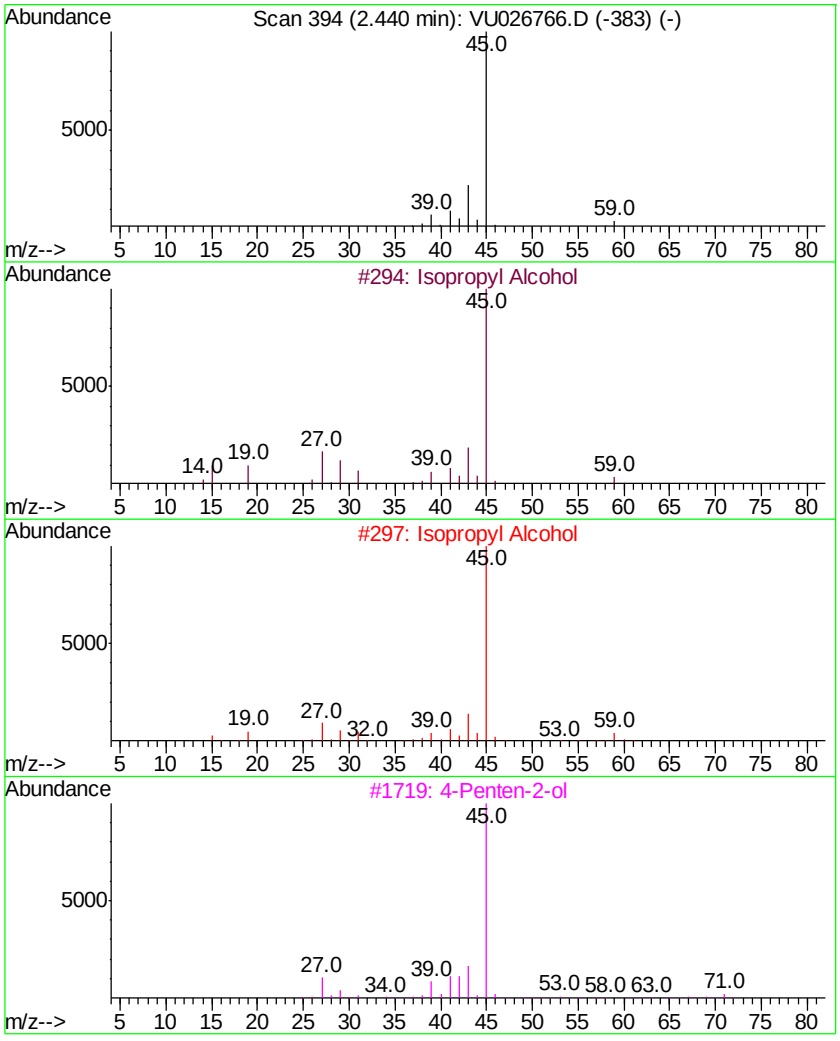
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

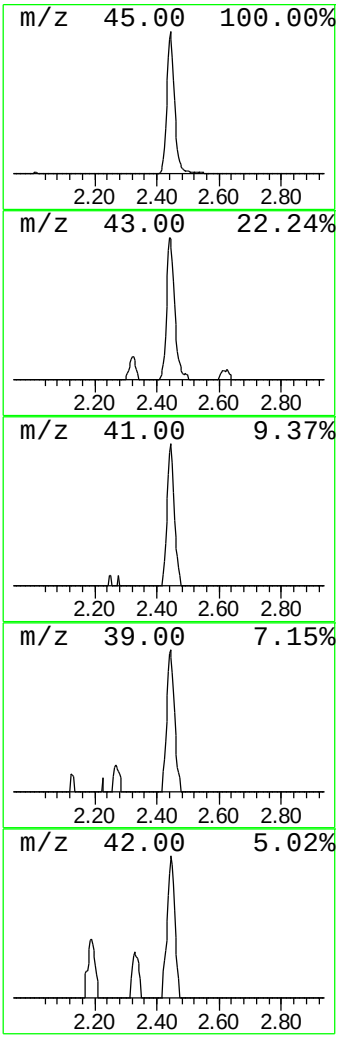
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.47 ug/L	42218	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	64
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_U
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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	2.44	5.5	ug/L	42218	1	5.89	385855	50.0