LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091718\
Data File : VU026837.D
Acq On : 17 Sep 2018 21:41
Operator : MD/SY
Sample : J4893-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08R9

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\SOMULM091718WMA.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	1.399	63	70	83	rVB	123207	129184	13.86%	1.873%
2	1.678	150	157	175	rVB	100235	130329	13.99%	1.890%
3	2.273	331	342	354	rBV	211102	320030	34.35%	4.640%
4	2.444	385	395	418	rVB	32816	58128	6.24%	0.843%
5	2.910	538	540	544	rBV2	272	157	0.02%	0.002%
6	2.955	550	554	559	rBV2	363	247	0.03%	0.004%
7	2.980	559	562	565	rVV	287	183	0.02%	0.003%
8	3.006	568	570	571	rBV	125	34	0.00%	0.000%
9	3.064	586	588	590	rVB	151	63	0.01%	0.001%
10	3.125	604	607	609	rBV	301	174	0.02%	0.003%
11	3.177	620	623	624	rBV	678	366	0.04%	0.005%
12	3.231	638	640	642	rVB	126	51	0.01%	0.001%
13	3.251	644	646	648	rBV	166	91	0.01%	0.001%
14	3.366	679	682	683	rBV	170	99	0.01%	0.001%
15	3.382	683	687	693	rVV	515	627	0.07%	0.009%
16	3.669	774	776	778	rBV2	132	76	0.01%	0.001%
17	3.697	782	785	789	rBV2	261	251	0.03%	0.004%
18	3.743	797	799	802	rBV	155	71	0.01%	0.001%
19	3.778	808	810	813	rBV2	196	127	0.01%	0.002%
20	3.948	858	863	867	rBV	205	298	0.03%	0.004%
21	4.045	891	893	896	rVB2	213	117	0.01%	0.002%
22	4.064	896	899	903	rVB2	211	203	0.02%	0.003%
23	4.099	903	910	916	rBV2	270	472	0.05%	0.007%
24	4.177	921	934	963	rBV	78883	202846	21.77%	2.941%
25	4.479	1026	1028	1031	rBV2	189	133	0.01%	0.002%
26	4.521	1040	1041	1043	rBV2	114	46	0.00%	0.001%
27	4.649	1063	1081	1102	rBV	157562	367683	39.46%	5.331%
28	4.932	1163	1169	1173	rVB3	231	278	0.03%	0.004%
29	4.964	1173	1179	1182	rBV	217	223	0.02%	0.003%
30	5.051	1203	1206	1213	rVB3	308	340	0.04%	0.005%
31	5.087	1215	1217	1218	rBV3	120	31	0.00%	0.000%
32	5.132	1227	1231	1232	rBV	192	132	0.01%	0.002%
33	5.173	1242	1244	1246	rVB	133	34	0.00%	0.000%
34	5.189	1246	1249	1252	rBV2	220	154	0.02%	0.002%

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Sample : J4893-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08R9

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\SOMULM091718WMA.M
Title : VOC Analysis

35	5.212	1252	1256	1259	rVB	227	157	0.02%	0.002%
36	5.231	1261	1262	1264	rBV	115	30	0.00%	0.000%
37	5.250	1266	1268	1272	rBV2	138	99	0.01%	0.001%
38	5.344	1272	1297	1319	rBV2	318744	931749	100.00%	13.510%
39	5.614	1377	1381	1386	rBV2	204	166	0.02%	0.002%
40	5.633	1386	1387	1389	rBV2	111	42	0.00%	0.001%
41	5.656	1390	1394	1399	rVB	232	190	0.02%	0.003%
42	5.678	1399	1401	1403	rBV	142	98	0.01%	0.001%
43	5.710	1410	1411	1412	rBV	98	37	0.00%	0.001%
44	5.742	1416	1421	1427	rBV2	430	449	0.05%	0.007%
45	5.810	1439	1442	1445	rBV	150	117	0.01%	0.002%
46	5.887	1449	1466	1494	rBV	288878	563188	60.44%	8.166%
47	6.074	1522	1524	1525	rBV	88	31	0.00%	0.000%
48	6.112	1532	1536	1540	rBV2	324	274	0.03%	0.004%
49	6.135	1540	1543	1546	rVV2	177	163	0.02%	0.002%
50	6.218	1567	1569	1572	rVB	158	74	0.01%	0.001%
51	6.238	1572	1575	1576	rBV	64	32	0.00%	0.000%
52	6.273	1581	1586	1589	rBV2	226	180	0.02%	0.003%
53	6.334	1589	1605	1628	rBV	216405	431249	46.28%	6.253%
54	6.414	1628	1630	1631	rBV	213	66	0.01%	0.001%
55	6.450	1639	1641	1643	rBV	393	215	0.02%	0.003%
56	6.533	1661	1667	1669	rBV2	203	247	0.03%	0.004%
57	6.588	1682	1684	1685	rBV	142	78	0.01%	0.001%
58	6.611	1689	1691	1694	rVB	170	124	0.01%	0.002%
59	6.717	1721	1724	1727	rVB	176	133	0.01%	0.002%
60	6.736	1728	1730	1731	rBV	94	34	0.00%	0.000%
61	6.807	1749	1752	1754	rBV2	150	84	0.01%	0.001%
62	6.829	1757	1759	1761	rBV	145	69	0.01%	0.001%
63	6.852	1761	1766	1767	rBV	430	314	0.03%	0.005%
64	7.000	1810	1812	1814	rBV	183	86	0.01%	0.001%
65	7.041	1823	1825	1826	rBV	173	54	0.01%	0.001%
66	7.067	1831	1833	1837	rVB	181	74	0.01%	0.001%
67	7.160	1860	1862	1864	rBV	170	121	0.01%	0.002%
68	7.228	1871	1883	1899	rBV	105636	186985	20.07%	2.711%
69	7.357	1919	1923	1928	rBV3	356	444	0.05%	0.006%
70	7.385	1928	1932	1933	rBV2	841	603	0.06%	0.009%
71	7.475	1958	1960	1964	rBV	197	132	0.01%	0.002%

LSC Area Percent Report

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Sample : J4893-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08R9

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\SOMULM091718WMA.M
Title : VOC Analysis

72	7.495	1964	1966	1972	rBV2	256	273	0.03%	0.004%
73	7.566	1975	1988	2008	rBV	411826	703393	75.49%	10.199%
74	7.803	2060	2062	2065	rBV3	255	192	0.02%	0.003%
75	7.852	2065	2077	2098	rVV	77304	128789	13.82%	1.867%
76	8.077	2145	2147	2148	rBV	152	81	0.01%	0.001%
77	8.102	2152	2155	2159	rBV	87	78	0.01%	0.001%
78	8.183	2174	2180	2189	rVB2	2106	3056	0.33%	0.044%
79	8.311	2209	2220	2249	rBV	251841	437678	46.97%	6.346%
80	8.594	2307	2308	2311	rVB	224	86	0.01%	0.001%
81	8.810	2370	2375	2378	rBB2	292	230	0.02%	0.003%
82	8.868	2391	2393	2394	rBV	158	59	0.01%	0.001%
83	8.945	2413	2417	2420	rBV	259	236	0.03%	0.003%
84	9.006	2433	2436	2438	rBV	198	135	0.01%	0.002%
85	9.093	2450	2463	2492	rBV	414293	674870	72.43%	9.786%
86	9.234	2505	2507	2509	rBV	191	77	0.01%	0.001%
87	9.524	2594	2597	2598	rBV	110	62	0.01%	0.001%
88	9.536	2599	2601	2604	rVV2	188	127	0.01%	0.002%
89	9.890	2709	2711	2713	rBV	122	60	0.01%	0.001%
90	10.016	2747	2750	2751	rBV2	228	139	0.01%	0.002%
91	10.099	2774	2776	2779	rBV	164	119	0.01%	0.002%
92	10.302	2836	2839	2842	rBV	237	209	0.02%	0.003%
93	10.434	2867	2880	2895	rBV	290923	460743	49.45%	6.681%
94	10.607	2925	2934	2943	rBV4	1516	2537	0.27%	0.037%
95	10.954	3041	3042	3047	rBV	195	108	0.01%	0.002%
96	11.221	3123	3125	3127	rBV	248	121	0.01%	0.002%
97	11.305	3148	3151	3155	rBV2	251	258	0.03%	0.004%
98	11.485	3195	3207	3231	rBV	345407	539912	57.95%	7.829%
99	11.749	3283	3289	3297	rBV4	3146	4167	0.45%	0.060%
100	11.861	3312	3324	3342	rBV	384200	607236	65.17%	8.805%

Sum of corrected areas: 6896497

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091718\
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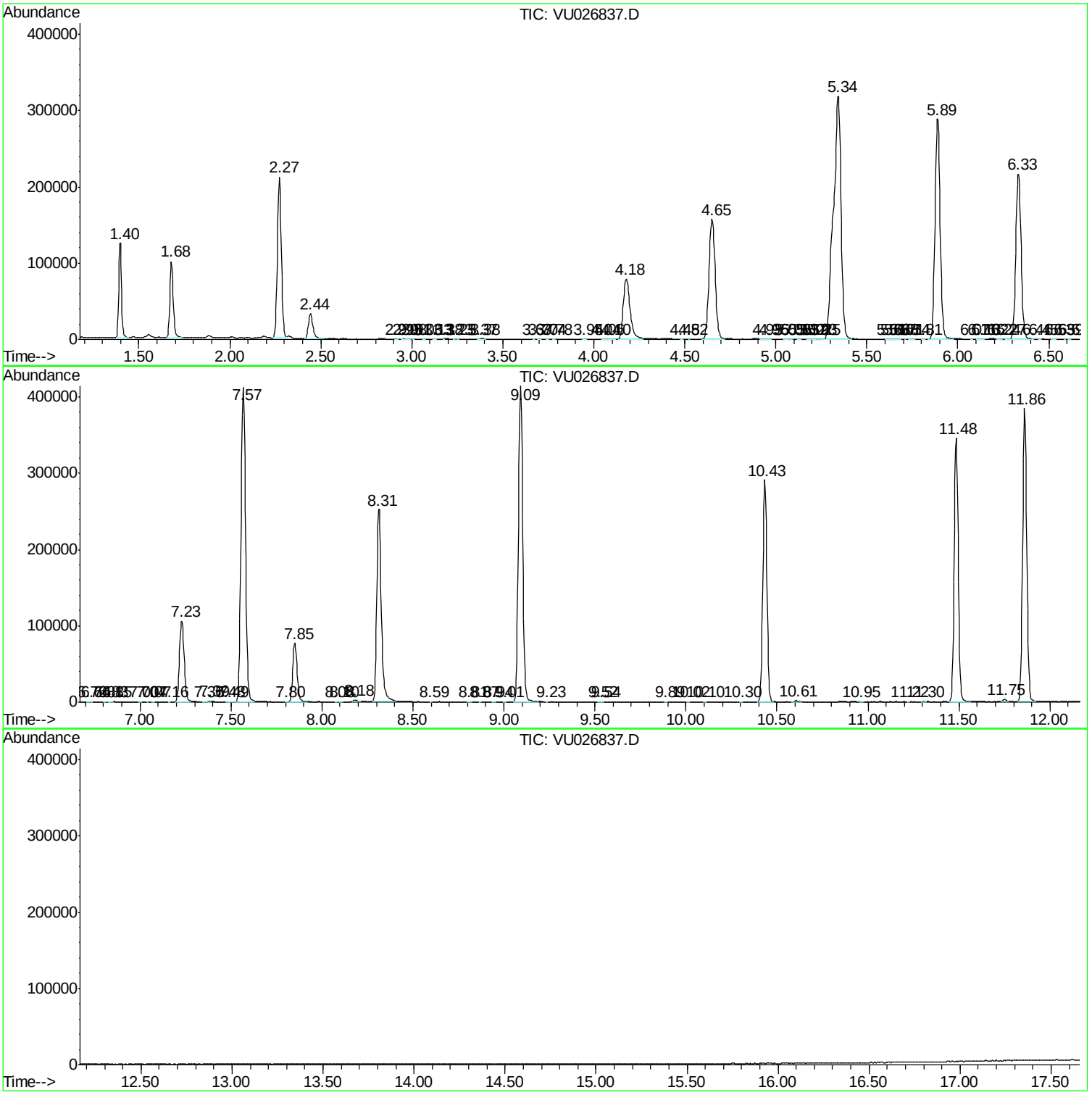
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08R9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.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\VU091718\
Data File : VU026837.D
Acq On : 17 Sep 2018 21:41
Operator : MD/SY
Sample : J4893-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08R9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis

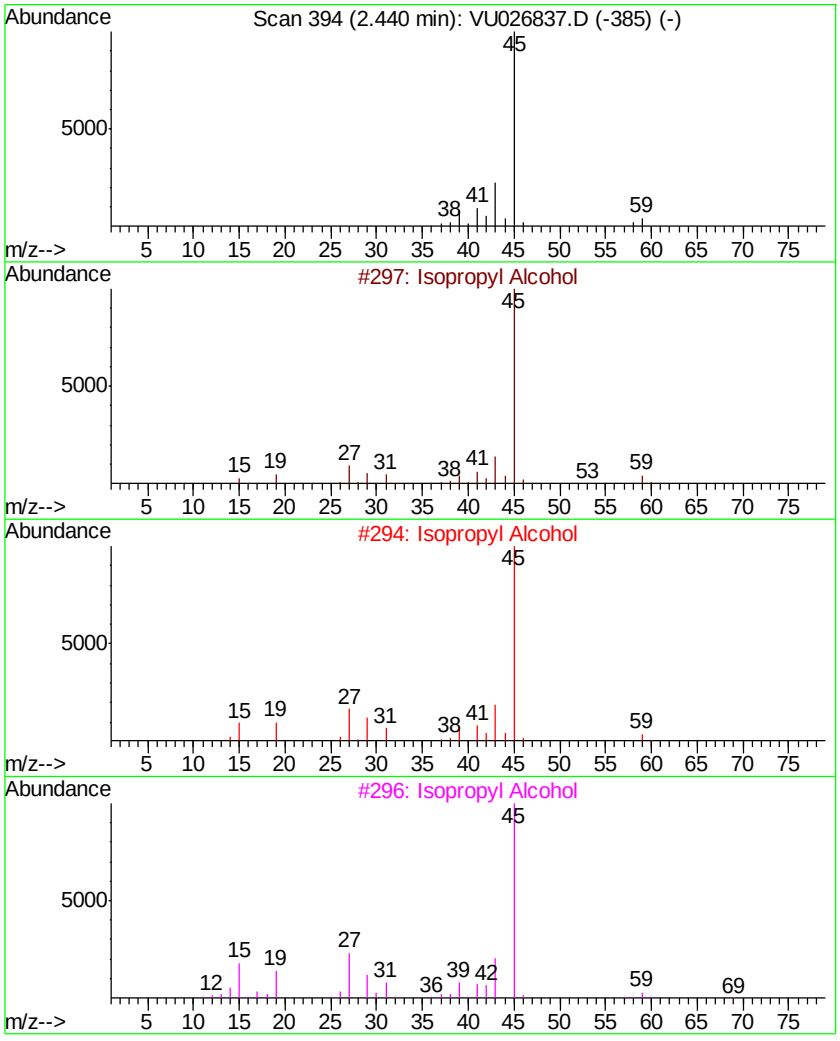
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

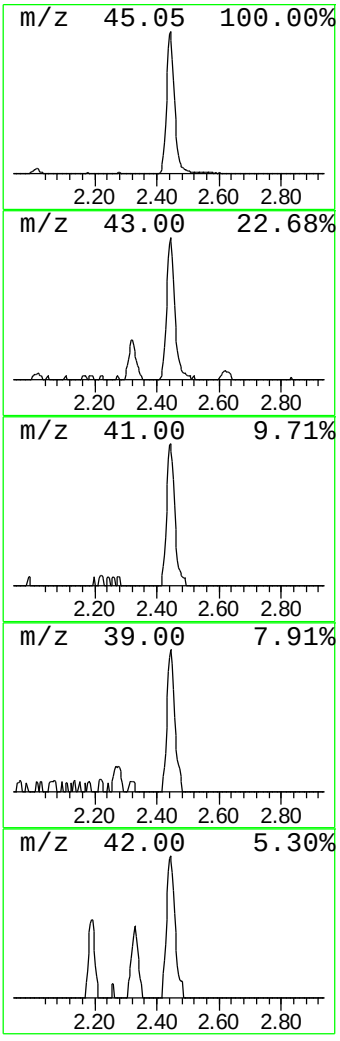
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.16 ug/L	58128	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	74
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091718\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.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	5.2	ug/L	58128	1	5.89	563188	50.0