LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
Data File : VU026733.D
Acq On : 13 Sep 2018 18:17
Operator : MD/SY
Sample : J4893-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08K2

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	1.399	63	70	85	rBV	93741	96911	0.31%	0.174%
2	1.678	150	157	174	rVB	69256	89187	0.28%	0.160%
3	2.273	331	342	355	rBV	150497	225696	0.71%	0.406%
4	2.444	383	395	415	rVB	15814	27741	0.09%	0.050%
5	2.611	444	447	449	rBV	289	206	0.00%	0.000%
6	2.694	472	473	476	rBV	239	117	0.00%	0.000%
7	2.768	492	496	498	rBV	118	92	0.00%	0.000%
8	2.974	558	560	562	rVB	168	68	0.00%	0.000%
9	2.987	562	564	565	rBV	165	68	0.00%	0.000%
10	3.186	621	626	633	rVB2	502	522	0.00%	0.001%
11	3.489	715	720	725	rBV	83	85	0.00%	0.000%
12	3.527	725	732	735	rBV	102	130	0.00%	0.000%
13	3.601	751	755	758	rBV	131	107	0.00%	0.000%
14	3.736	795	797	803	rVB2	175	121	0.00%	0.000%
15	3.778	803	810	814	rBV	110	123	0.00%	0.000%
16	3.820	820	823	829	rVB	100	81	0.00%	0.000%
17	3.862	829	836	839	rBV	77	73	0.00%	0.000%
18	3.981	869	873	877	rVB	99	77	0.00%	0.000%
19	4.090	904	907	911	rBV	272	243	0.00%	0.000%
20	4.180	921	935	960	rBV	50623	129879	0.41%	0.234%
21	4.501	1031	1035	1039	rBV	541	596	0.00%	0.001%
22	4.569	1053	1056	1059	rBV	177	159	0.00%	0.000%
23	4.649	1064	1081	1103	rVV	97595	231385	0.73%	0.416%
24	4.849	1141	1143	1144	rBV	132	59	0.00%	0.000%
25	4.948	1169	1174	1177	rBV	106	102	0.00%	0.000%
26	4.990	1184	1187	1190	rBV2	284	219	0.00%	0.000%
27	5.032	1198	1200	1201	rBV2	146	64	0.00%	0.000%
28	5.090	1213	1218	1221	rBV	120	101	0.00%	0.000%
29	5.148	1233	1236	1241	rBV	65	54	0.00%	0.000%
30	5.183	1242	1247	1251	rVB	81	83	0.00%	0.000%
31	5.344	1273	1297	1322	rBV2	208050	604854	1.91%	1.088%
32	5.482	1338	1340	1344	rVB	145	108	0.00%	0.000%
33	5.569	1362	1367	1368	rBV	100	66	0.00%	0.000%
34	5.617	1380	1382	1387	rVB	184	64	0.00%	0.000%

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08K2

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	5.643	1387	1390	1393	rBV2	161	100	0.00%	0.000%
36	5.659	1393	1395	1398	rVB2	150	82	0.00%	0.000%
37	5.678	1398	1401	1404	rBV	72	54	0.00%	0.000%
38	5.714	1409	1412	1414	rVB	207	133	0.00%	0.000%
39	5.794	1434	1437	1439	rBV	170	114	0.00%	0.000%
40	5.839	1448	1451	1452	rBV	96	53	0.00%	0.000%
41	5.890	1452	1467	1491	rVV	225022	437355	1.38%	0.787%
42	6.173	1552	1555	1558	rBV2	458	398	0.00%	0.001%
43	6.238	1570	1575	1580	rBV	134	144	0.00%	0.000%
44	6.334	1590	1605	1623	rBV	139519	273739	0.86%	0.492%
45	6.440	1636	1638	1642	rVB	140	93	0.00%	0.000%
46	6.463	1642	1645	1650	rVB2	216	205	0.00%	0.000%
47	6.488	1650	1653	1655	rBV	177	94	0.00%	0.000%
48	6.585	1681	1683	1685	rVB	164	53	0.00%	0.000%
49	6.665	1701	1708	1712	rVB	115	155	0.00%	0.000%
50	6.691	1712	1716	1720	rBV	103	79	0.00%	0.000%
51	6.855	1764	1767	1768	rBV	300	176	0.00%	0.000%
52	7.019	1815	1818	1822	rBV	72	74	0.00%	0.000%
53	7.070	1829	1834	1837	rBV	65	70	0.00%	0.000%
54	7.180	1865	1868	1872	rVB	100	82	0.00%	0.000%
55	7.231	1872	1884	1903	rBV	76629	134763	0.42%	0.242%
56	7.318	1909	1911	1918	rVB2	181	153	0.00%	0.000%
57	7.395	1927	1935	1943	rVB3	1816	3019	0.01%	0.005%
58	7.466	1953	1957	1962	rBV2	226	195	0.00%	0.000%
59	7.517	1970	1973	1976	rBV	92	65	0.00%	0.000%
60	7.569	1976	1989	2007	rBV	282220	486980	1.53%	0.876%
61	7.726	2036	2038	2047	rVB	161	101	0.00%	0.000%
62	7.852	2061	2077	2096	rBV	54065	89517	0.28%	0.161%
63	7.951	2106	2108	2113	rVB	272	137	0.00%	0.000%
64	7.974	2113	2115	2118	rBV	244	111	0.00%	0.000%
65	8.009	2124	2126	2130	rVB	174	83	0.00%	0.000%
66	8.038	2130	2135	2140	rVB	172	140	0.00%	0.000%
67	8.080	2140	2148	2151	rBV	134	181	0.00%	0.000%
68	8.125	2159	2162	2166	rBV	71	67	0.00%	0.000%
69	8.183	2166	2180	2189	rBV	4287	9202	0.03%	0.017%
70	8.312	2210	2220	2249	rVB	166774	281295	0.89%	0.506%
71	8.521	2282	2285	2287	rBV	95	62	0.00%	0.000%

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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : C08K2

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	8.556	2294	2296	2301	rVB	260	165	0.00%	0.000%
73	8.588	2304	2306	2308	rBV	196	105	0.00%	0.000%
74	8.678	2332	2334	2339	rVB	214	113	0.00%	0.000%
75	9.016	2437	2439	2442	rVB	241	110	0.00%	0.000%
76	9.041	2442	2447	2450	rBV	125	135	0.00%	0.000%
77	9.122	2450	2472	2509	rBV	5807174	9679291	30.49%	17.414%
78	9.324	2533	2535	2539	rBV	297	200	0.00%	0.000%
79	9.360	2544	2546	2548	rBV	249	151	0.00%	0.000%
80	9.463	2576	2578	2583	rVB	284	144	0.00%	0.000%
81	9.787	2675	2679	2683	rVB	323	286	0.00%	0.001%
82	9.871	2703	2705	2707	rVB	149	59	0.00%	0.000%
83	10.167	2794	2797	2802	rVB2	259	294	0.00%	0.001%
84	10.373	2858	2861	2863	rBV2	144	86	0.00%	0.000%
85	10.434	2868	2880	2898	rBV	183671	289489	0.91%	0.521%
86	10.607	2928	2934	2948	rVB3	2866	4346	0.01%	0.008%
87	10.836	3002	3005	3008	rVB	166	71	0.00%	0.000%
88	11.244	3129	3132	3136	rBV2	382	412	0.00%	0.001%
89	11.418	3174	3186	3197	rBV	432872	667096	2.10%	1.200%
90	11.508	3197	3214	3240	rVB2	1850878	3326074	10.48%	5.984%
91	11.745	3282	3288	3301	rVB3	2622	4217	0.01%	0.008%
92	11.890	3313	3333	3355	rBV	19933034	31748781	100.00%	57.118%
93	12.437	3500	3503	3505	rBV	279	148	0.00%	0.000%
94	12.636	3555	3565	3577	rBV3	21451	32268	0.10%	0.058%
95	12.826	3614	3624	3635	rVB6	3216	6932	0.02%	0.012%
96	12.890	3636	3644	3657	rVB2	9400	13575	0.04%	0.024%
97	12.990	3667	3675	3684	rBV2	8370	12409	0.04%	0.022%
98	13.504	3821	3835	3860	rBV	3798591	5712500	17.99%	10.277%
99	13.987	3973	3985	4012	rBV	578667	916488	2.89%	1.649%
100	15.652	4494	4503	4519	rBV2	22676	39383	0.12%	0.071%

Sum of corrected areas: 55584093

LSC Report - Integrated Chromatogram

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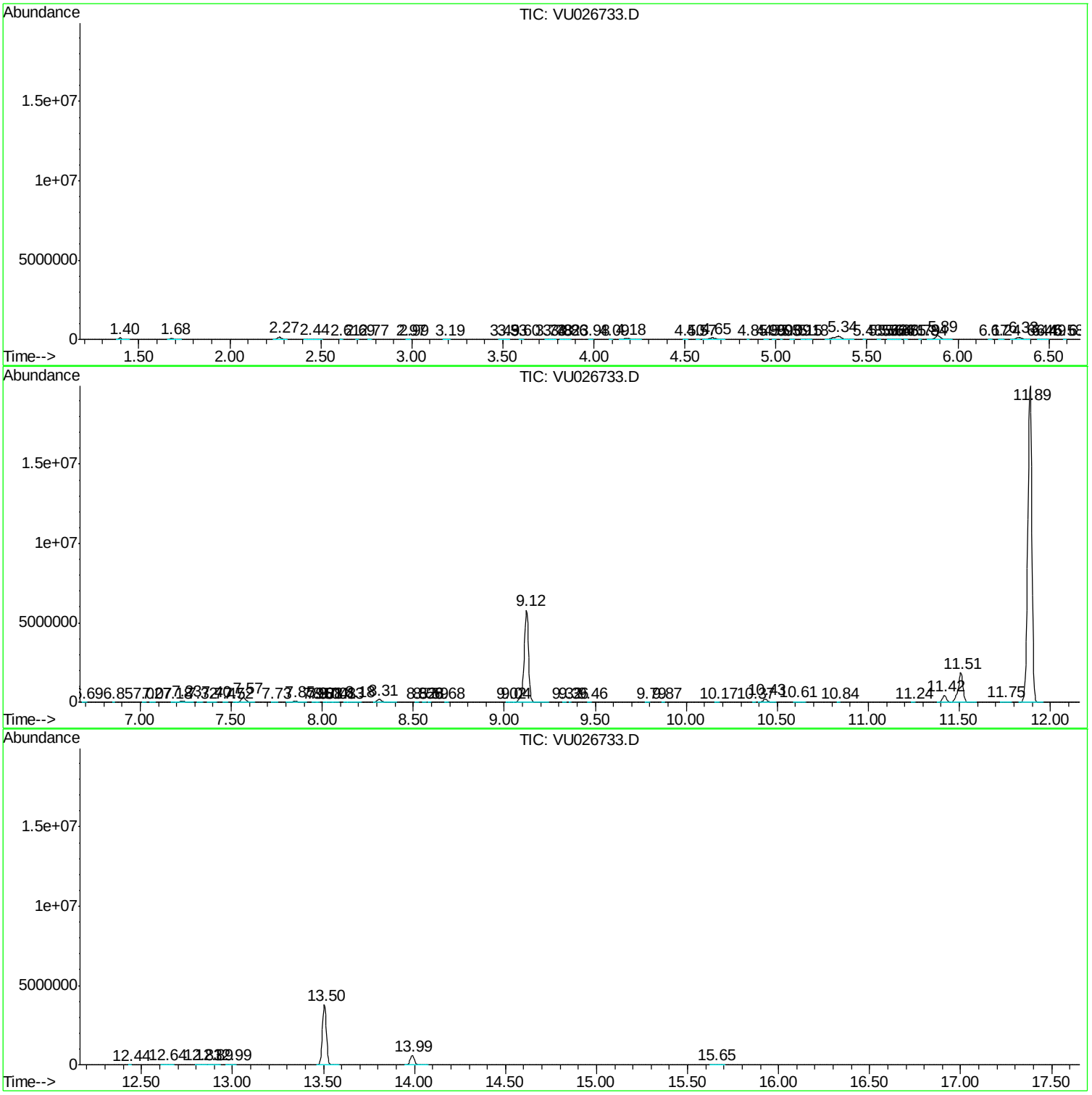
Instrument : MSVOA_U
ClientSampleId : C08K2

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\
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Acq On : 13 Sep 2018 18:17
Operator : MD/SY
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08K2

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

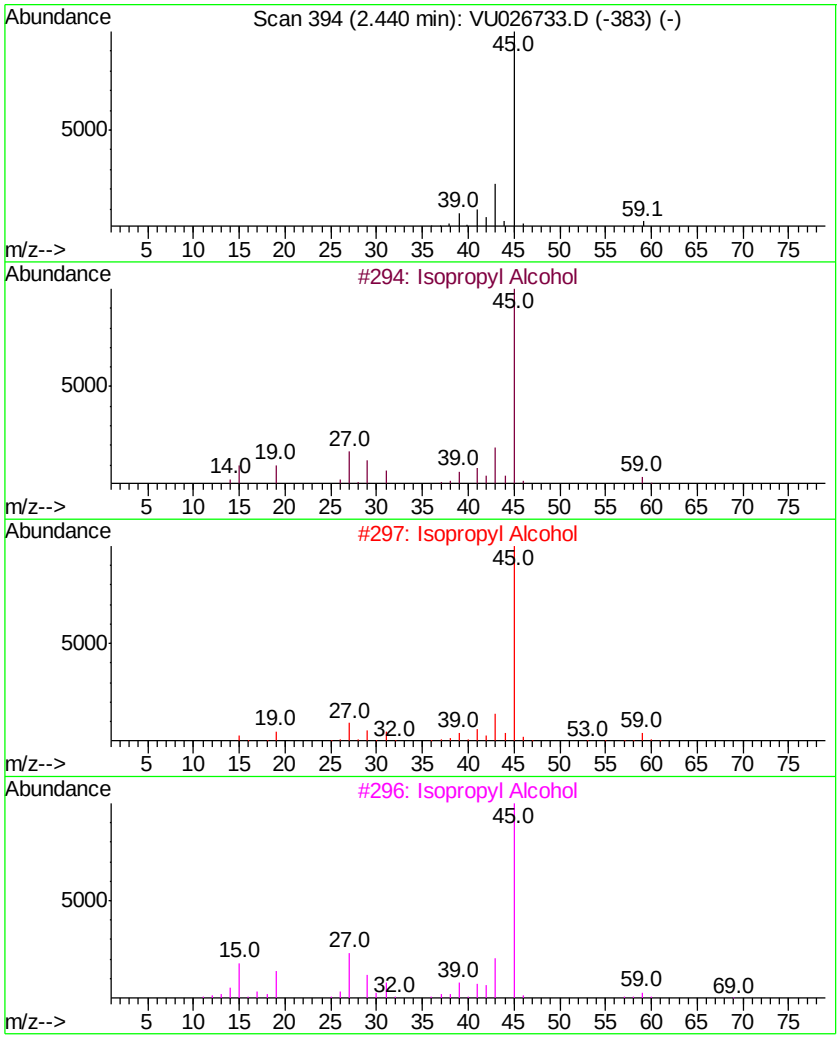
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

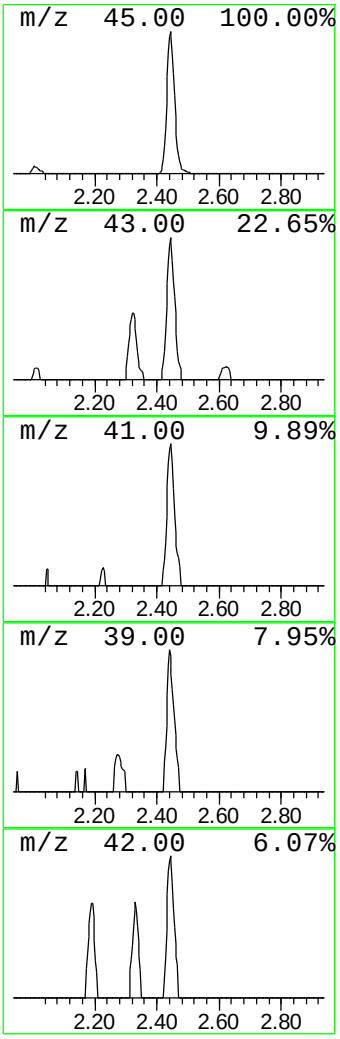
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.17 ug/L	27741	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	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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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	3.2	ug/L	27741	1	5.89	437355	50.0