LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
Data File : VU030322.D
Acq On : 22 Mar 2019 20:37
Operator : JC/SP
Sample : K2048-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1D6

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\SOMULM031919WMA.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	41	rVB2	17514	17973	0.41%	0.101%
2	1.399	89	96	106	rBV	212335	209079	4.75%	1.176%
3	1.678	176	183	194	rVB	160684	200907	4.56%	1.130%
4	2.270	356	367	378	rBV	344840	522916	11.88%	2.941%
5	2.444	412	421	442	rBV	60410	108176	2.46%	0.608%
6	2.694	494	499	503	rBV3	2681	2553	0.06%	0.014%
7	2.826	534	540	543	rBV2	2472	3307	0.08%	0.019%
8	2.968	581	584	589	rBV	1232	1434	0.03%	0.008%
9	3.019	597	600	604	rVB	1889	1403	0.03%	0.008%
10	3.183	648	651	657	rVB3	1498	1547	0.04%	0.009%
11	3.309	686	690	697	rBV	1115	1356	0.03%	0.008%
12	3.514	752	754	760	rVB2	1589	1201	0.03%	0.007%
13	3.547	760	764	767	rBV	1629	1509	0.03%	0.008%
14	3.678	802	805	809	rBV	1215	1138	0.03%	0.006%
15	3.704	810	813	817	rVV	1319	1021	0.02%	0.006%
16	3.942	884	887	890	rBV	1621	1125	0.03%	0.006%
17	3.965	890	894	899	rVB	1195	1028	0.02%	0.006%
18	4.029	910	914	917	rBV	1345	1048	0.02%	0.006%
19	4.112	936	940	945	rBV	843	1011	0.02%	0.006%
20	4.174	945	959	992	rBV	156132	432540	9.82%	2.433%
21	4.331	1006	1008	1011	rBV	1455	1010	0.02%	0.006%
22	4.646	1089	1106	1127	rBV	269170	659848	14.99%	3.711%
23	4.855	1168	1171	1174	rBV	1882	1450	0.03%	0.008%
24	5.122	1251	1254	1259	rVB	1601	1448	0.03%	0.008%
25	5.151	1259	1263	1266	rBV	1540	1242	0.03%	0.007%
26	5.170	1266	1269	1272	rVV2	1201	1058	0.02%	0.006%
27	5.337	1297	1321	1355	rBV2	537220	1608207	36.53%	9.046%
28	5.714	1431	1438	1442	rBV	1928	1956	0.04%	0.011%
29	5.800	1461	1465	1468	rBV3	1608	1383	0.03%	0.008%
30	5.884	1478	1491	1520	rVV	537216	1097961	24.94%	6.176%
31	6.128	1564	1567	1571	rBV	1617	1498	0.03%	0.008%
32	6.186	1571	1585	1600	rVV	55273	111174	2.53%	0.625%
33	6.328	1611	1629	1651	rBV	353787	716084	16.26%	4.028%
34	6.508	1680	1685	1693	rVB3	2288	2808	0.06%	0.016%

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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\SOMULM031919WMA.M
Title : VOC Analysis

35	6.556	1697	1700	1708	rVB3	1110	1252	0.03%	0.007%
36	6.746	1754	1759	1761	rBV	1777	1590	0.04%	0.009%
37	6.762	1761	1764	1768	rVB	1638	1264	0.03%	0.007%
38	6.829	1780	1785	1792	rVB3	1946	2803	0.06%	0.016%
39	6.942	1815	1820	1826	rVB	1353	1541	0.03%	0.009%
40	6.971	1826	1829	1833	rBV	1281	1139	0.03%	0.006%
41	6.993	1833	1836	1842	rVB2	1426	993	0.02%	0.006%
42	7.054	1852	1855	1861	rBV	1350	1566	0.04%	0.009%
43	7.164	1883	1889	1896	rBV2	1140	1655	0.04%	0.009%
44	7.225	1896	1908	1927	rBV	185377	349019	7.93%	1.963%
45	7.479	1984	1987	1992	rVB2	1667	1178	0.03%	0.007%
46	7.562	2000	2013	2029	rBV	694314	1238328	28.13%	6.965%
47	7.755	2071	2073	2080	rVB2	1461	1316	0.03%	0.007%
48	7.849	2087	2102	2135	rBV	130792	239595	5.44%	1.348%
49	8.013	2151	2153	2160	rVB	1633	1722	0.04%	0.010%
50	8.173	2193	2203	2205	rBV3	9724	11890	0.27%	0.067%
51	8.225	2206	2219	2236	rVV	2527474	4402919	100.00%	24.765%
52	8.308	2236	2245	2277	rVB	525951	981602	22.29%	5.521%
53	8.469	2289	2295	2309	rVB5	10754	17915	0.41%	0.101%
54	8.669	2352	2357	2360	rBV	1294	1287	0.03%	0.007%
55	8.739	2374	2379	2383	rBV	1542	1346	0.03%	0.008%
56	8.784	2389	2393	2398	rBV2	1734	1776	0.04%	0.010%
57	8.868	2415	2419	2425	rVV3	1136	1079	0.02%	0.006%
58	9.087	2474	2487	2511	rBV	807013	1365441	31.01%	7.680%
59	9.456	2598	2602	2607	rBV	1193	1174	0.03%	0.007%
60	9.591	2640	2644	2648	rVB	1325	990	0.02%	0.006%
61	9.672	2665	2669	2675	rVB	1197	1216	0.03%	0.007%
62	9.784	2700	2704	2709	rBV2	1797	1722	0.04%	0.010%
63	9.836	2716	2720	2724	rBV	1242	1012	0.02%	0.006%
64	9.939	2744	2752	2754	rBV	1064	1408	0.03%	0.008%
65	10.135	2811	2813	2817	rVB	1465	1004	0.02%	0.006%
66	10.177	2817	2826	2831	rBV3	1627	2579	0.06%	0.015%
67	10.234	2839	2844	2848	rVB2	1552	1736	0.04%	0.010%
68	10.273	2848	2856	2858	rBV	1386	1709	0.04%	0.010%
69	10.427	2892	2904	2922	rBV	553828	904250	20.54%	5.086%
70	10.607	2951	2960	2970	rVV3	7460	13928	0.32%	0.078%
71	10.646	2970	2972	2979	rVB	1859	1861	0.04%	0.010%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Title : VOC Analysis

72	10.685	2979	2984	2989	rVB2	1685	2173	0.05%	0.012%
73	10.739	2997	3001	3007	rVB	1752	1779	0.04%	0.010%
74	10.884	3041	3046	3050	rVB	1702	1760	0.04%	0.010%
75	10.906	3050	3053	3058	rBV	1349	1175	0.03%	0.007%
76	11.012	3081	3086	3090	rBV2	1782	1826	0.04%	0.010%
77	11.173	3132	3136	3139	rBV2	1094	983	0.02%	0.006%
78	11.193	3139	3142	3146	rVB2	1552	1183	0.03%	0.007%
79	11.276	3162	3168	3173	rBV2	996	1516	0.03%	0.009%
80	11.421	3208	3213	3217	rVV	1496	1429	0.03%	0.008%
81	11.482	3220	3232	3258	rBV	773256	1268918	28.82%	7.137%
82	11.858	3336	3349	3375	rVV	707923	1186607	26.95%	6.674%
83	12.196	3448	3454	3455	rBV2	1345	1340	0.03%	0.008%
84	12.385	3508	3513	3517	rBV	978	1149	0.03%	0.006%
85	12.553	3560	3565	3567	rBV	1305	1213	0.03%	0.007%
86	12.636	3586	3591	3593	rBV	1175	1072	0.02%	0.006%
87	12.762	3627	3630	3634	rVB	1544	1155	0.03%	0.006%
88	12.858	3657	3660	3664	rVB2	1771	1336	0.03%	0.008%
89	12.996	3697	3703	3708	rBV2	1792	1610	0.04%	0.009%
90	13.041	3714	3717	3722	rVB2	1521	1151	0.03%	0.006%
91	13.083	3722	3730	3734	rBV2	1483	2350	0.05%	0.013%
92	13.202	3760	3767	3770	rBV	1353	1292	0.03%	0.007%
93	13.662	3906	3910	3913	rBV	1137	985	0.02%	0.006%
94	13.700	3917	3922	3925	rBV2	1335	1346	0.03%	0.008%
95	13.893	3977	3982	3985	rBV	1482	1546	0.04%	0.009%
96	14.041	4024	4028	4031	rBV	1652	1274	0.03%	0.007%
97	14.157	4059	4064	4068	rBV	1266	1454	0.03%	0.008%
98	15.044	4337	4340	4345	rBV	1367	1252	0.03%	0.007%
99	15.131	4364	4367	4374	rBV2	1617	2065	0.05%	0.012%
100	15.356	4433	4437	4439	rBV2	1942	1676	0.04%	0.009%

Sum of corrected areas: 17778819

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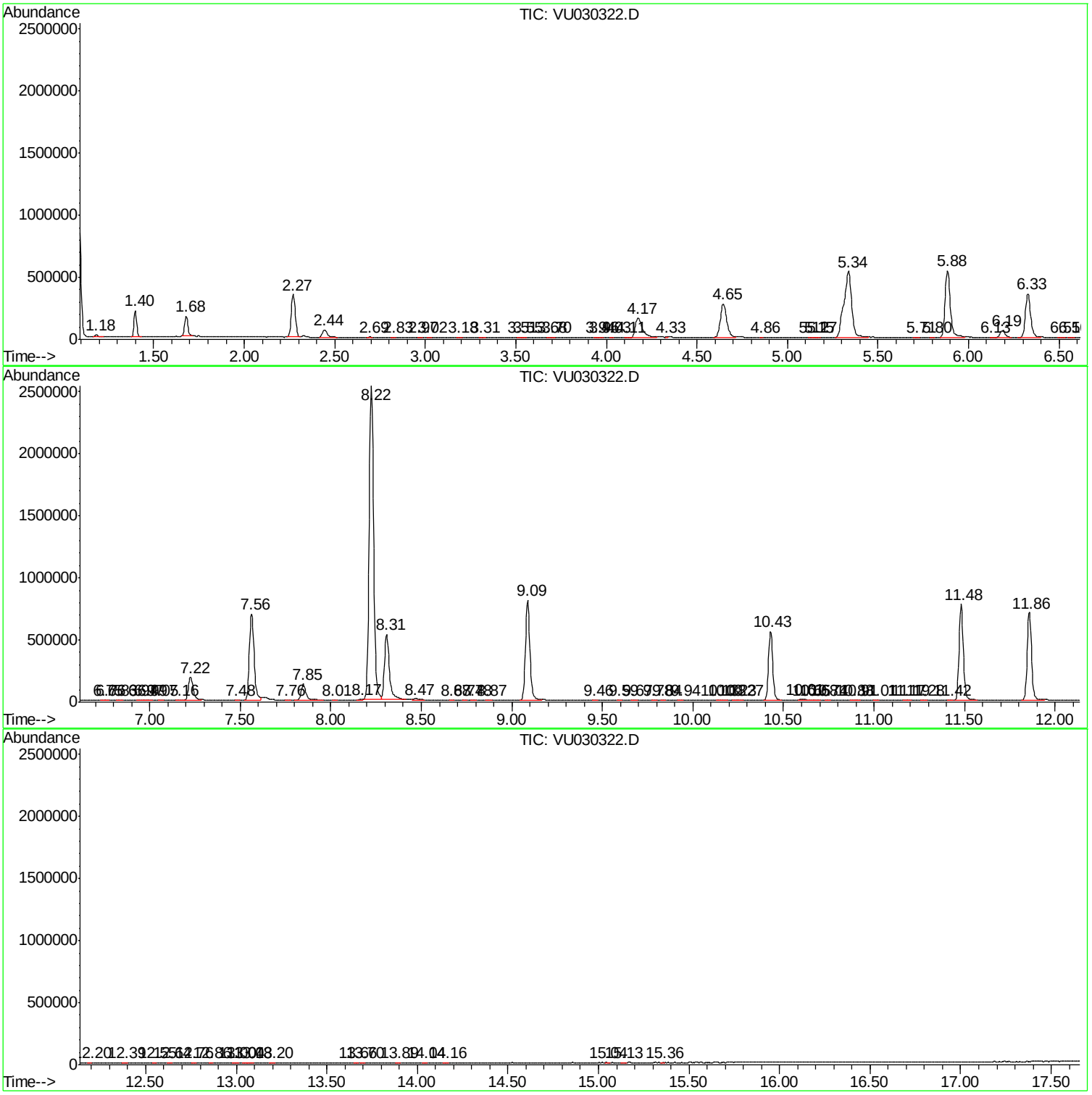
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

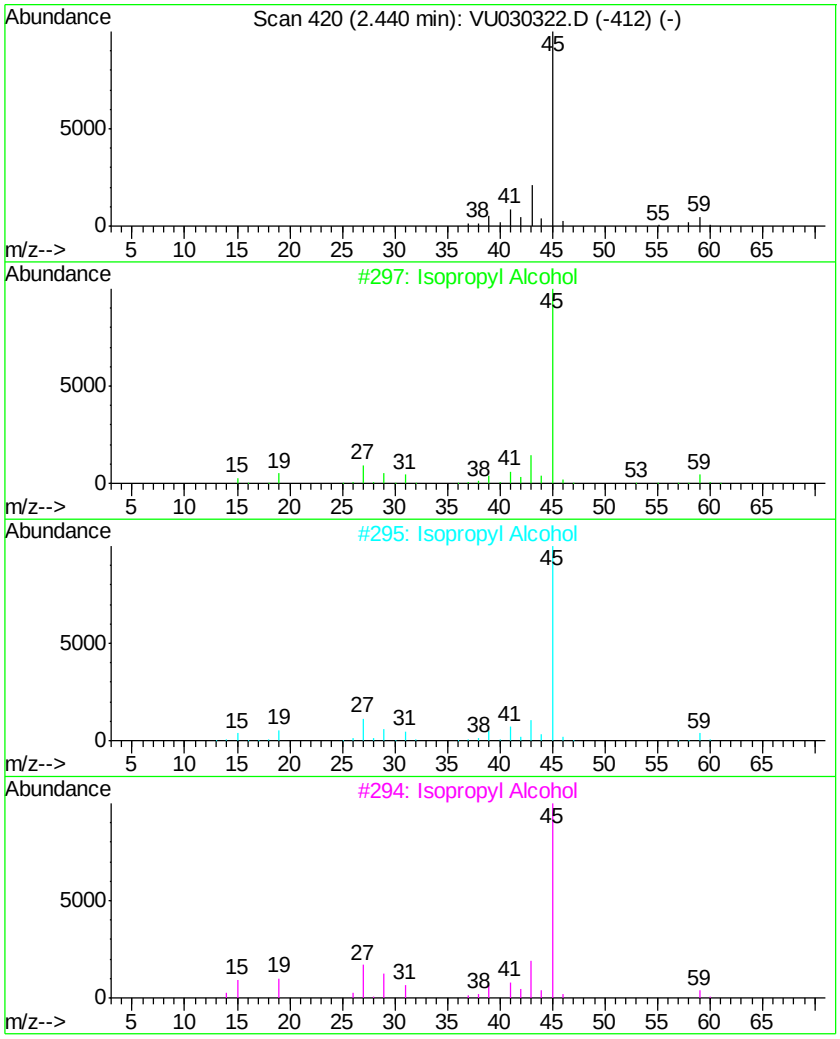
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

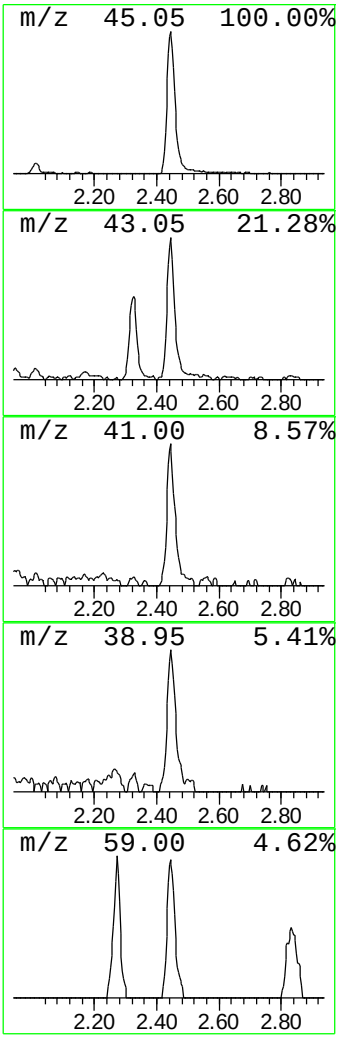
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.93 ug/L	108176	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	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

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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	4.9	ug/L	108176	1	5.88	1097960	50.0