LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
Data File : VU030233.D
Acq On : 20 Mar 2019 19:23
Operator : JC/SP
Sample : K1967-20
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0976

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	35	rBV2	12202	10845	0.08%	0.032%
2	1.399	89	96	111	rBV	233892	235319	1.68%	0.694%
3	1.678	175	183	202	rBV	177846	229504	1.64%	0.677%
4	2.270	357	367	381	rBV	392416	596269	4.26%	1.759%
5	2.444	411	421	440	rBV	81040	146434	1.05%	0.432%
6	2.836	530	543	558	rVB2	52818	117972	0.84%	0.348%
7	2.990	584	591	592	rBV2	1797	2067	0.01%	0.006%
8	3.186	644	652	655	rBV2	2771	3557	0.03%	0.010%
9	3.334	693	698	700	rBV	1262	1270	0.01%	0.004%
10	3.347	700	702	705	rVB	1756	905	0.01%	0.003%
11	3.366	705	708	711	rBV	1381	1083	0.01%	0.003%
12	3.457	733	736	739	rBV	1199	895	0.01%	0.003%
13	3.839	851	855	857	rBV	1097	904	0.01%	0.003%
14	3.961	890	893	898	rVB	1893	1694	0.01%	0.005%
15	4.180	947	961	1002	rBV2	208343	638186	4.56%	1.883%
16	4.395	1019	1028	1032	rBV2	7215	12531	0.09%	0.037%
17	4.646	1090	1106	1134	rVB	287530	682565	4.88%	2.014%
18	4.977	1205	1209	1211	rBV2	1616	1371	0.01%	0.004%
19	5.190	1271	1275	1278	rBV	1446	1122	0.01%	0.003%
20	5.247	1286	1293	1297	rBV	1877	2945	0.02%	0.009%
21	5.337	1298	1321	1329	rBV2	596426	1715754	12.26%	5.062%
22	5.627	1407	1411	1417	rBV	1677	1431	0.01%	0.004%
23	5.707	1432	1436	1440	rBV	1141	1331	0.01%	0.004%
24	5.884	1478	1491	1527	rBV	565245	1135634	8.11%	3.350%
25	6.112	1559	1562	1565	rVB	1176	725	0.01%	0.002%
26	6.135	1565	1569	1572	rBV	1356	1146	0.01%	0.003%
27	6.328	1615	1629	1652	rBV	381350	769280	5.50%	2.270%
28	6.524	1685	1690	1695	rVB2	1070	1135	0.01%	0.003%
29	6.563	1695	1702	1705	rBV3	884	841	0.01%	0.002%
30	6.765	1760	1765	1767	rBV2	1022	865	0.01%	0.003%
31	6.807	1771	1778	1780	rBV3	1316	1565	0.01%	0.005%
32	6.849	1788	1791	1794	rBV	1141	731	0.01%	0.002%
33	6.881	1797	1801	1806	rVV	1166	1336	0.01%	0.004%
34	6.926	1813	1815	1820	rVB	1230	917	0.01%	0.003%

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0976

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

35	6.961	1820	1826	1829	rBV	1047	1333	0.01%	0.004%
36	7.122	1873	1876	1878	rBV	999	737	0.01%	0.002%
37	7.225	1894	1908	1936	rBV	214768	404356	2.89%	1.193%
38	7.347	1943	1946	1950	rBV4	969	962	0.01%	0.003%
39	7.392	1953	1960	1967	rVB3	4548	7154	0.05%	0.021%
40	7.562	2000	2013	2049	rVV	794336	1424301	10.17%	4.202%
41	7.791	2081	2084	2086	rBV	1328	956	0.01%	0.003%
42	7.849	2091	2102	2119	rBV	149686	262522	1.88%	0.774%
43	8.003	2146	2150	2152	rBV2	1331	1096	0.01%	0.003%
44	8.144	2189	2194	2195	rBV2	1131	818	0.01%	0.002%
45	8.177	2195	2204	2213	rVB2	5760	10795	0.08%	0.032%
46	8.234	2213	2222	2229	rVB4	4607	8003	0.06%	0.024%
47	8.308	2229	2245	2277	rBV	553129	1000128	7.14%	2.951%
48	8.508	2303	2307	2311	rVB	2186	1700	0.01%	0.005%
49	8.595	2330	2334	2335	rBV2	1176	801	0.01%	0.002%
50	8.646	2343	2350	2355	rBV3	1304	2058	0.01%	0.006%
51	8.736	2372	2378	2382	rBV3	1144	1614	0.01%	0.005%
52	8.765	2385	2387	2391	rVV2	1775	1405	0.01%	0.004%
53	8.791	2392	2395	2400	rVV2	1460	1434	0.01%	0.004%
54	8.865	2414	2418	2422	rVV	1130	963	0.01%	0.003%
55	8.900	2426	2429	2433	rVB2	1323	954	0.01%	0.003%
56	9.115	2474	2496	2535	rBV	7657652	13998806	100.00%	41.300%
57	9.337	2562	2565	2569	rVB2	1253	910	0.01%	0.003%
58	9.357	2569	2571	2575	rBV3	1561	1069	0.01%	0.003%
59	9.469	2602	2606	2609	rBV3	1398	1132	0.01%	0.003%
60	9.488	2609	2612	2615	rVB	1410	993	0.01%	0.003%
61	9.591	2640	2644	2649	rBV	1702	1619	0.01%	0.005%
62	9.685	2669	2673	2676	rBV2	1692	1542	0.01%	0.005%
63	9.704	2676	2679	2686	rVB	1263	1169	0.01%	0.003%
64	9.836	2717	2720	2730	rVB	1447	1583	0.01%	0.005%
65	10.009	2767	2774	2776	rVB	1016	1107	0.01%	0.003%
66	10.045	2781	2785	2786	rBV	1393	869	0.01%	0.003%
67	10.151	2811	2818	2820	rBV2	910	1121	0.01%	0.003%
68	10.167	2820	2823	2827	rVV2	1046	921	0.01%	0.003%
69	10.189	2827	2830	2836	rVB	912	913	0.01%	0.003%
70	10.218	2836	2839	2845	rBV2	1005	965	0.01%	0.003%
71	10.267	2851	2854	2861	rVB	1265	1236	0.01%	0.004%

LSC Area Percent Report

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ClientSampleId : C0976

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

72	10.321	2867	2871	2874	rBV	1049	705	0.01%	0.002%
73	10.353	2877	2881	2884	rBV	1276	1068	0.01%	0.003%
74	10.427	2892	2904	2926	rVB	589258	959439	6.85%	2.831%
75	10.556	2942	2944	2948	rVB2	1164	719	0.01%	0.002%
76	10.582	2948	2952	2953	rBV	2023	1287	0.01%	0.004%
77	10.604	2954	2959	2970	rVB2	5547	7460	0.05%	0.022%
78	10.755	3000	3006	3008	rBV	1155	1062	0.01%	0.003%
79	10.935	3057	3062	3064	rBV2	2026	1431	0.01%	0.004%
80	10.967	3068	3072	3076	rVB	1084	950	0.01%	0.003%
81	10.993	3076	3080	3082	rBV3	1008	850	0.01%	0.003%
82	11.070	3101	3104	3108	rBV	1300	1146	0.01%	0.003%
83	11.115	3114	3118	3120	rBV	1862	1485	0.01%	0.004%
84	11.228	3150	3153	3159	rBV	976	1030	0.01%	0.003%
85	11.270	3163	3166	3173	rVB	1223	839	0.01%	0.002%
86	11.414	3200	3211	3221	rBV	181714	288283	2.06%	0.850%
87	11.501	3221	3238	3262	rVB2	1793583	4111975	29.37%	12.131%
88	11.762	3316	3319	3321	rVB	1436	750	0.01%	0.002%
89	11.874	3335	3354	3383	rBV2	2345895	4859738	34.72%	14.337%
90	12.382	3506	3512	3516	rBV	1814	1706	0.01%	0.005%
91	12.447	3529	3532	3537	rBV3	1111	1213	0.01%	0.004%
92	12.514	3550	3553	3556	rBV	1215	971	0.01%	0.003%
93	12.668	3598	3601	3606	rVB	1142	747	0.01%	0.002%
94	12.781	3631	3636	3640	rBV	1185	1331	0.01%	0.004%
95	12.823	3645	3649	3653	rBV	1496	1158	0.01%	0.003%
96	12.935	3678	3684	3689	rBV	1718	2109	0.02%	0.006%
97	13.045	3715	3718	3722	rBV	997	794	0.01%	0.002%
98	13.408	3829	3831	3834	rBV	1571	814	0.01%	0.002%
99	13.504	3851	3861	3880	rBV2	78183	151911	1.09%	0.448%
100	13.993	4004	4013	4029	rBV5	10424	22607	0.16%	0.067%

Sum of corrected areas: 33895752

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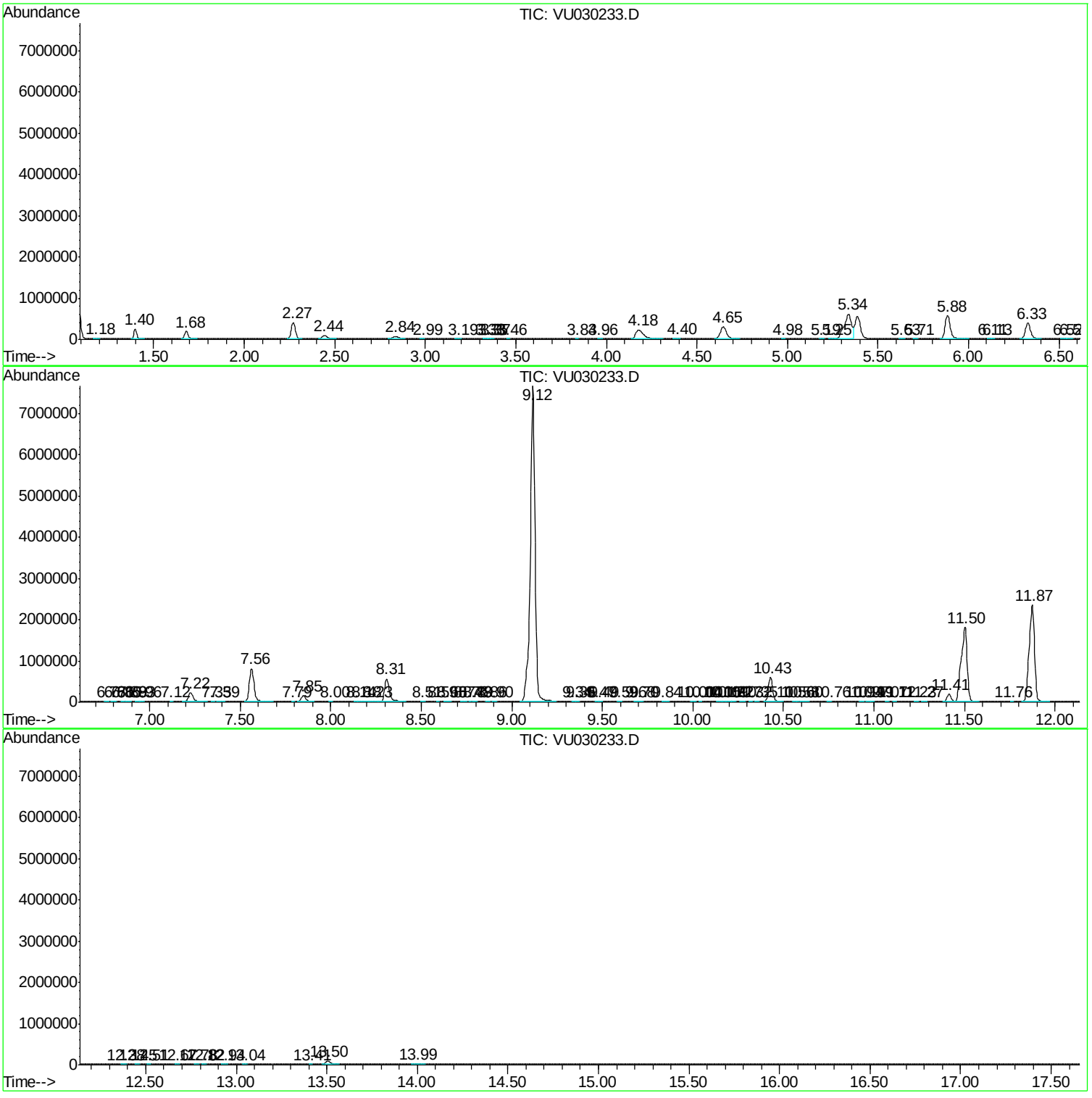
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
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ClientSampleId : C0976

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

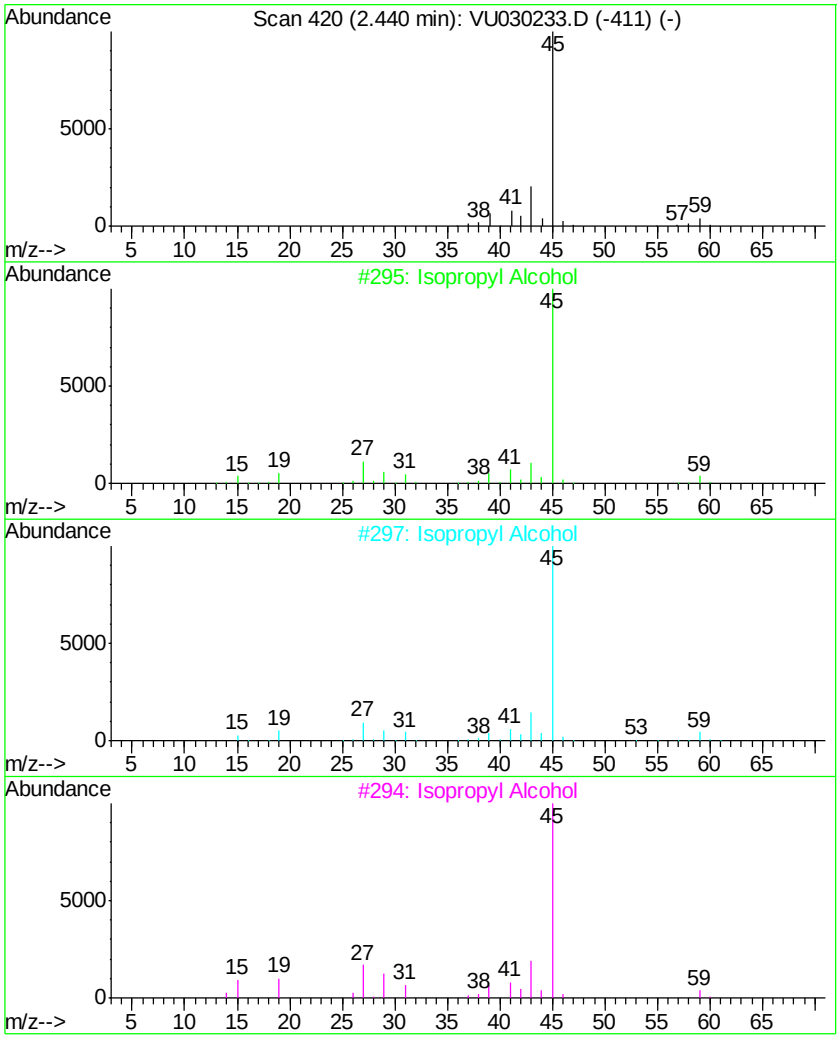
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

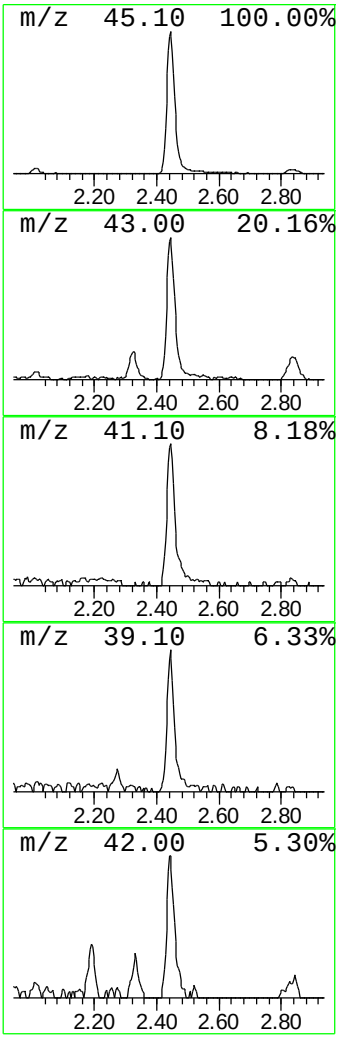
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.45 ug/L	146434	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40





Tentatively Identified Compound (LSC) summary

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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	6.5	ug/L	146434	1	5.88	1135630	50.0