LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
Data File : VU031924.D
Acq On : 11 May 2019 12:28
Operator : JC/SP
Sample : K2705-10DL 20X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B48DL

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\SOMULM042719WMA.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	1.180	24	28	35	rVB2	20758	18434	0.45%	0.051%
2	1.283	54	60	69	rBV	86197	97441	2.37%	0.269%
3	1.396	89	95	109	rBV	530142	561301	13.67%	1.551%
4	1.675	174	182	199	rVB	414042	553759	13.48%	1.530%
5	2.267	356	366	377	rBV	854904	1305168	31.78%	3.607%
6	2.322	378	383	399	rVB	60873	96299	2.34%	0.266%
7	2.441	406	420	446	rBV	989460	1835126	44.68%	5.071%
8	2.987	584	590	599	rVB6	7164	11529	0.28%	0.032%
9	3.154	639	642	645	rVB4	1417	1087	0.03%	0.003%
10	3.225	661	664	670	rVB3	1161	1111	0.03%	0.003%
11	3.691	804	809	811	rBV3	980	806	0.02%	0.002%
12	3.749	822	827	831	rVB4	979	986	0.02%	0.003%
13	3.788	835	839	843	rBV4	991	1225	0.03%	0.003%
14	3.878	862	867	871	rBV4	802	842	0.02%	0.002%
15	3.907	873	876	882	rVB4	1135	897	0.02%	0.002%
16	3.968	891	895	900	rBV4	1249	1322	0.03%	0.004%
17	3.997	900	904	909	rBV4	821	880	0.02%	0.002%
18	4.170	945	958	969	rBV	408553	1034411	25.19%	2.858%
19	4.643	1088	1105	1131	rBV	679856	1595447	38.85%	4.409%
20	4.875	1174	1177	1178	rBV4	2560	1234	0.03%	0.003%
21	5.074	1235	1239	1241	rBV3	1126	865	0.02%	0.002%
22	5.157	1260	1265	1268	rBV5	872	704	0.02%	0.002%
23	5.209	1278	1281	1285	rVB4	1192	1061	0.03%	0.003%
24	5.235	1285	1289	1291	rBV4	1155	727	0.02%	0.002%
25	5.251	1291	1294	1297	rVB2	1180	739	0.02%	0.002%
26	5.334	1297	1320	1354	rBV2	1361999	4107193	100.00%	11.349%
27	5.624	1408	1410	1413	rBV3	2202	1168	0.03%	0.003%
28	5.881	1477	1490	1520	rBV	1179796	2439292	59.39%	6.740%
29	6.183	1570	1584	1613	rBV	558493	1142723	27.82%	3.158%
30	6.325	1615	1628	1658	rVV	916883	1871844	45.57%	5.172%
31	6.672	1732	1736	1743	rBV6	1778	2191	0.05%	0.006%
32	6.701	1743	1745	1750	rVB5	1483	1266	0.03%	0.003%
33	6.759	1758	1763	1765	rBV4	839	663	0.02%	0.002%
34	6.826	1780	1784	1786	rBV4	1481	841	0.02%	0.002%

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B48DL

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\SOMULM042719WMA.M
Title : VOC Analysis

35	6.884	1798	1802	1803	rBV2	1456	1071	0.03%	0.003%
36	6.916	1807	1812	1816	rVB5	1904	1935	0.05%	0.005%
37	6.936	1816	1818	1820	rBV2	1167	669	0.02%	0.002%
38	6.948	1820	1822	1824	rVV4	1359	843	0.02%	0.002%
39	6.974	1827	1830	1834	rVV3	1623	1142	0.03%	0.003%
40	7.010	1839	1841	1845	rVB3	1055	667	0.02%	0.002%
41	7.045	1849	1852	1855	rBV3	1028	761	0.02%	0.002%
42	7.177	1887	1893	1896	rBV5	1090	1094	0.03%	0.003%
43	7.225	1896	1908	1929	rBV	471792	857321	20.87%	2.369%
44	7.379	1954	1956	1963	rBV6	1101	786	0.02%	0.002%
45	7.563	1999	2013	2050	rBV	1608107	3048493	74.22%	8.424%
46	7.846	2091	2101	2127	rBV	319692	574653	13.99%	1.588%
47	8.045	2161	2163	2166	rVB2	1998	1055	0.03%	0.003%
48	8.164	2196	2200	2201	rBV3	2187	1502	0.04%	0.004%
49	8.222	2206	2218	2235	rBV	1358858	2378031	57.90%	6.571%
50	8.309	2235	2245	2280	rVB2	1239210	2392220	58.24%	6.610%
51	8.749	2379	2382	2388	rVV6	1675	1391	0.03%	0.004%
52	8.778	2388	2391	2394	rVB4	1553	973	0.02%	0.003%
53	8.910	2430	2432	2438	rBV3	1085	947	0.02%	0.003%
54	9.016	2462	2465	2467	rBV3	1036	603	0.01%	0.002%
55	9.032	2467	2470	2473	rVV3	1182	872	0.02%	0.002%
56	9.087	2474	2487	2533	rVV	1752190	3165018	77.06%	8.746%
57	9.289	2547	2550	2554	rVB4	1269	966	0.02%	0.003%
58	9.395	2581	2583	2587	rVB3	1068	720	0.02%	0.002%
59	9.505	2611	2617	2623	rVB8	1648	1865	0.05%	0.005%
60	9.537	2623	2627	2634	rBV7	1086	1104	0.03%	0.003%
61	9.569	2634	2637	2642	rBV5	1435	1125	0.03%	0.003%
62	9.617	2650	2652	2655	rBV3	1469	856	0.02%	0.002%
63	9.752	2690	2694	2701	rBV6	1358	1735	0.04%	0.005%
64	9.833	2716	2719	2720	rBV	1173	681	0.02%	0.002%
65	9.884	2730	2735	2736	rBV3	1066	766	0.02%	0.002%
66	9.926	2745	2748	2756	rVB5	1405	1105	0.03%	0.003%
67	10.070	2788	2793	2796	rBV5	979	1039	0.03%	0.003%
68	10.093	2796	2800	2802	rVV4	1282	836	0.02%	0.002%
69	10.151	2815	2818	2821	rBV2	1035	733	0.02%	0.002%
70	10.186	2825	2829	2833	rBV3	1754	1563	0.04%	0.004%
71	10.215	2835	2838	2840	rVB3	1594	884	0.02%	0.002%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B48DL

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\SOMULM042719WMA.M
Title : VOC Analysis

72	10.247	2840	2848	2849	rBV5	1216	1364	0.03%	0.004%
73	10.296	2859	2863	2866	rBV3	1471	1335	0.03%	0.004%
74	10.427	2891	2904	2930	rBV	1300511	2119023	51.59%	5.855%
75	10.604	2951	2959	2963	rBV8	2359	3130	0.08%	0.009%
76	10.765	3005	3009	3011	rBV3	1181	898	0.02%	0.002%
77	10.939	3059	3063	3066	rVB3	1128	844	0.02%	0.002%
78	10.971	3066	3073	3079	rBV5	1338	2137	0.05%	0.006%
79	11.132	3119	3123	3127	rBV3	714	735	0.02%	0.002%
80	11.167	3130	3134	3138	rBV4	1092	1056	0.03%	0.003%
81	11.189	3138	3141	3142	rBV3	1136	661	0.02%	0.002%
82	11.228	3149	3153	3156	rBV3	1729	1502	0.04%	0.004%
83	11.479	3219	3231	3257	rBV	1437572	2395521	58.33%	6.619%
84	11.855	3335	3348	3373	rBV	1463334	2497518	60.81%	6.901%
85	12.476	3536	3541	3551	rVB5	4186	5760	0.14%	0.016%
86	12.659	3594	3598	3600	rBV3	1117	940	0.02%	0.003%
87	12.713	3612	3615	3618	rBV3	1327	1197	0.03%	0.003%
88	12.922	3676	3680	3682	rBV4	1149	754	0.02%	0.002%
89	12.958	3688	3691	3692	rBV2	942	620	0.02%	0.002%
90	13.051	3717	3720	3722	rBV3	1321	787	0.02%	0.002%
91	13.241	3776	3779	3782	rBV2	1351	820	0.02%	0.002%
92	13.524	3863	3867	3872	rVB4	1528	1525	0.04%	0.004%
93	13.861	3970	3972	3975	rVB3	1297	609	0.01%	0.002%
94	13.903	3983	3985	3988	rBV2	1237	613	0.01%	0.002%
95	14.193	4071	4075	4077	rBV3	1715	1299	0.03%	0.004%
96	14.479	4161	4164	4166	rBV4	1610	1046	0.03%	0.003%
97	14.762	4249	4252	4262	rVB7	2428	3549	0.09%	0.010%
98	14.919	4298	4301	4303	rBV3	2083	1539	0.04%	0.004%
99	15.070	4345	4348	4353	rBV5	1595	1888	0.05%	0.005%
100	15.099	4354	4357	4359	rBV4	2017	1586	0.04%	0.004%

Sum of corrected areas: 36188863

LSC Report - Integrated Chromatogram

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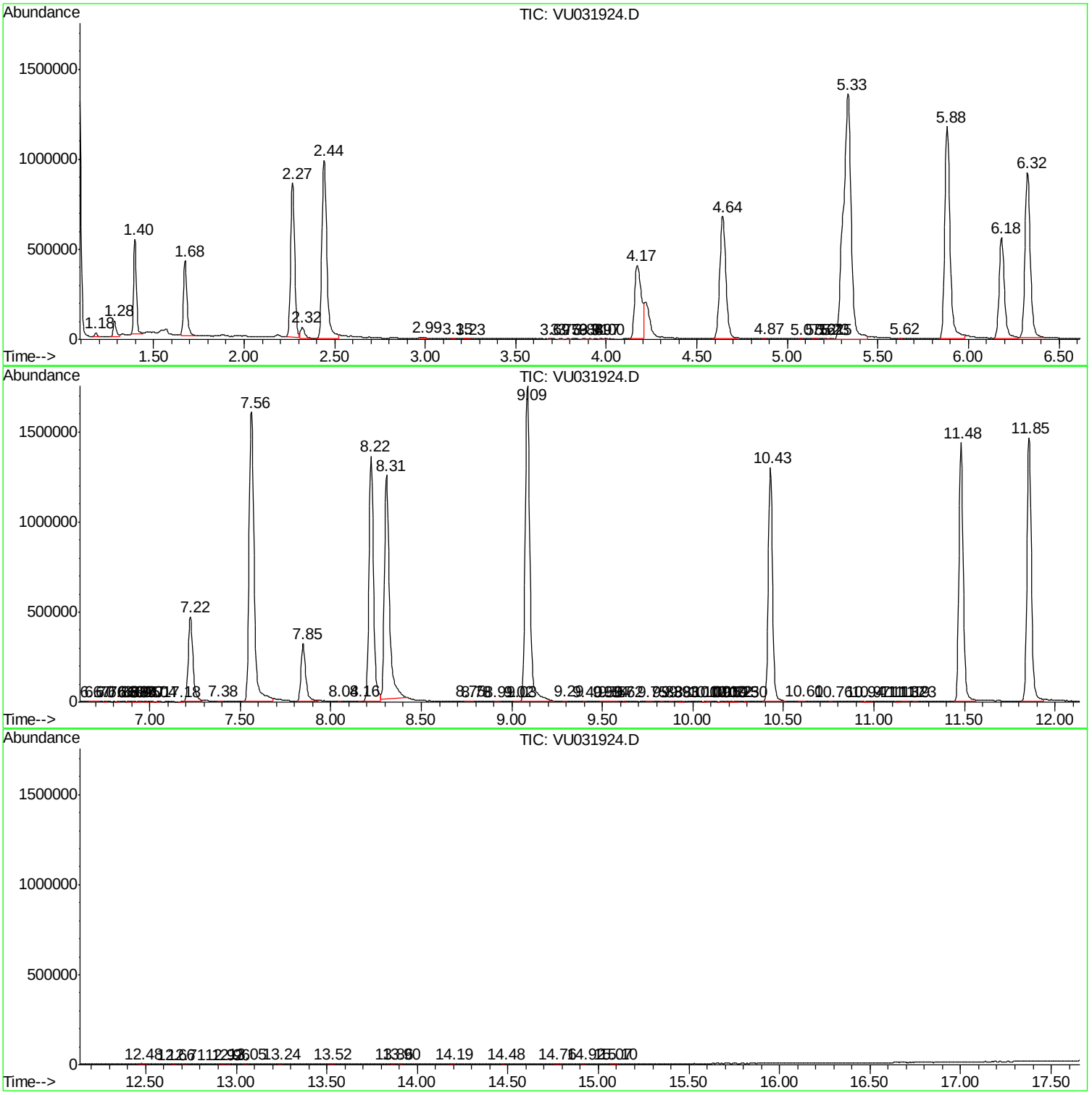
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B48DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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ClientSampleId : C0B48DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

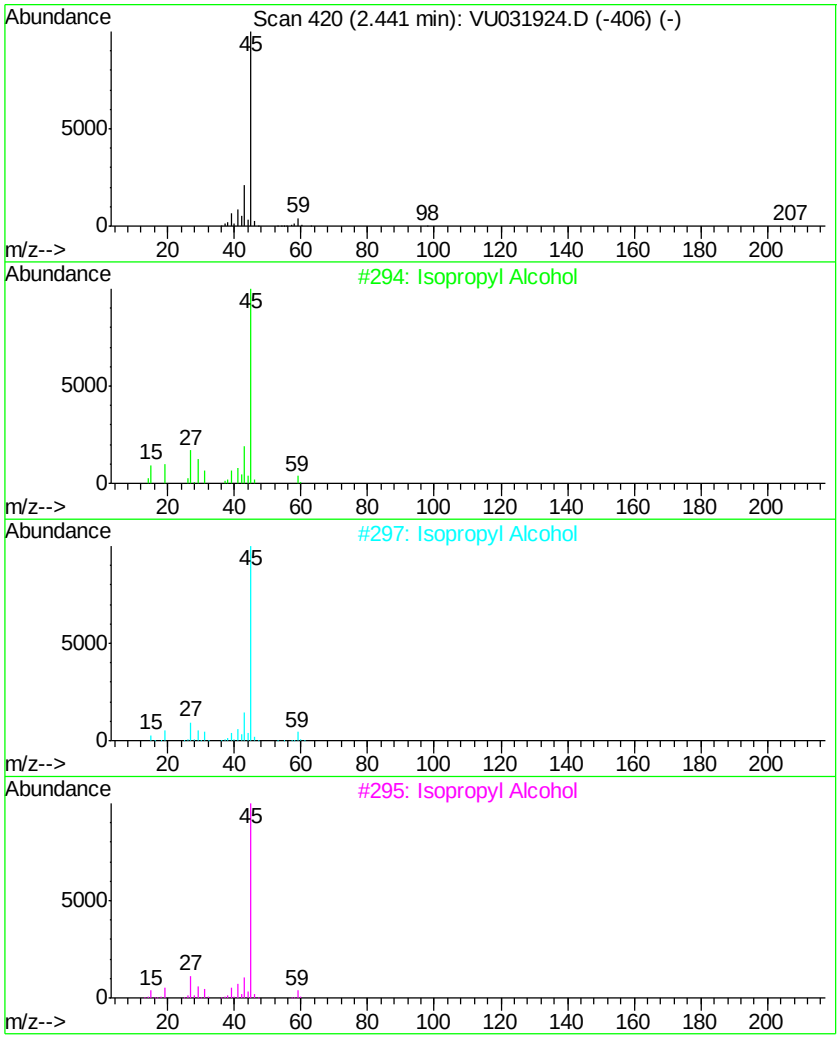
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

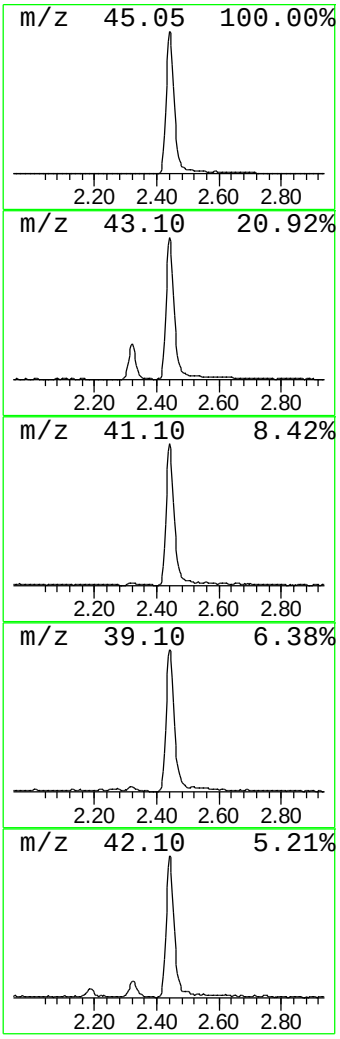
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	37.62 ug/L	1835130	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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	37.6	ug/L	1835130	1	5.88	2439290	50.0