LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
Data File : VU031925.D
Acq On : 11 May 2019 12:52
Operator : JC/SP
Sample : K2705-14DL 40X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B52DL

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	25	28	36	rBV2	14321	12121	0.29%	0.033%
2	1.396	88	95	105	rBV	551734	578334	13.80%	1.585%
3	1.672	173	181	195	rVB	439430	554078	13.22%	1.518%
4	2.267	356	366	379	rBV	867517	1308807	31.22%	3.587%
5	2.444	409	421	438	rBV	171083	319392	7.62%	0.875%
6	2.691	495	498	500	rBV3	2228	1580	0.04%	0.004%
7	2.730	508	510	513	rBV3	945	557	0.01%	0.002%
8	2.826	534	540	541	rBV6	2531	2214	0.05%	0.006%
9	2.933	569	573	576	rVV4	1230	999	0.02%	0.003%
10	2.981	576	588	599	rVV2	8358	16858	0.40%	0.046%
11	3.122	627	632	635	rBV5	990	1034	0.02%	0.003%
12	3.183	648	651	658	rVB5	1339	1117	0.03%	0.003%
13	3.302	684	688	691	rBV3	712	641	0.02%	0.002%
14	3.370	703	709	713	rBV5	1713	1902	0.05%	0.005%
15	3.447	729	733	738	rVB4	1250	1276	0.03%	0.003%
16	3.495	746	748	756	rVB5	1099	958	0.02%	0.003%
17	3.540	756	762	767	rBV2	1321	1608	0.04%	0.004%
18	3.723	813	819	822	rBV4	698	779	0.02%	0.002%
19	3.752	822	828	831	rBV4	894	945	0.02%	0.003%
20	3.833	848	853	857	rBV4	853	836	0.02%	0.002%
21	3.945	886	888	892	rVB3	1275	794	0.02%	0.002%
22	3.981	896	899	901	rBV	876	560	0.01%	0.002%
23	4.039	913	917	923	rBV6	941	1185	0.03%	0.003%
24	4.106	935	938	941	rVB3	1004	581	0.01%	0.002%
25	4.170	944	958	967	rBV	397663	949660	22.66%	2.602%
26	4.492	1055	1058	1061	rBV3	1285	1133	0.03%	0.003%
27	4.643	1086	1105	1133	rBV	693371	1639911	39.12%	4.494%
28	4.868	1171	1175	1176	rBV5	1710	1250	0.03%	0.003%
29	4.984	1209	1211	1213	rBV2	1380	748	0.02%	0.002%
30	5.055	1230	1233	1236	rBV4	934	734	0.02%	0.002%
31	5.090	1241	1244	1245	rBV	963	560	0.01%	0.002%
32	5.122	1252	1254	1259	rVB4	1815	1386	0.03%	0.004%
33	5.202	1275	1279	1284	rVB3	1847	1268	0.03%	0.003%
34	5.334	1292	1320	1360	rBV2	1379542	4191621	100.00%	11.487%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B52DL

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

35	5.727	1439	1442	1443	rBV4	1004	584	0.01%	0.002%
36	5.746	1446	1448	1453	rVV5	1184	1099	0.03%	0.003%
37	5.817	1468	1470	1476	rVB5	2083	1831	0.04%	0.005%
38	5.881	1476	1490	1526	rBV	1221608	2521830	60.16%	6.911%
39	6.180	1569	1583	1614	rBV	1435279	2886143	68.86%	7.909%
40	6.325	1616	1628	1661	rVB	945019	1933351	46.12%	5.298%
41	6.730	1752	1754	1760	rVB5	1147	805	0.02%	0.002%
42	6.807	1774	1778	1782	rBV6	757	690	0.02%	0.002%
43	6.833	1782	1786	1788	rBV3	956	687	0.02%	0.002%
44	6.846	1788	1790	1794	rBV4	1069	734	0.02%	0.002%
45	6.884	1796	1802	1803	rBV4	1350	1143	0.03%	0.003%
46	6.952	1820	1823	1826	rVB3	1482	948	0.02%	0.003%
47	7.029	1845	1847	1851	rVB4	1115	726	0.02%	0.002%
48	7.071	1857	1860	1862	rBV4	1082	721	0.02%	0.002%
49	7.135	1878	1880	1885	rVB2	934	674	0.02%	0.002%
50	7.161	1885	1888	1891	rBV3	1227	827	0.02%	0.002%
51	7.225	1896	1908	1932	rBV	472357	878146	20.95%	2.406%
52	7.466	1981	1983	1989	rVB5	1662	1809	0.04%	0.005%
53	7.563	1999	2013	2058	rBV	1667427	3131119	74.70%	8.580%
54	7.845	2091	2101	2125	rBV	319853	584496	13.94%	1.602%
55	8.067	2168	2170	2173	rVB3	1249	587	0.01%	0.002%
56	8.157	2194	2198	2200	rBV3	1352	1054	0.03%	0.003%
57	8.222	2205	2218	2235	rVV	1209680	2128966	50.79%	5.834%
58	8.308	2235	2245	2299	rVB	1229620	2494341	59.51%	6.835%
59	8.659	2350	2354	2357	rBV4	1820	1491	0.04%	0.004%
60	9.087	2475	2487	2534	rBV	1801315	3178894	75.84%	8.711%
61	9.315	2555	2558	2561	rBV3	2366	1590	0.04%	0.004%
62	9.514	2617	2620	2622	rBV2	1250	773	0.02%	0.002%
63	9.562	2632	2635	2639	rBV4	1907	1024	0.02%	0.003%
64	9.659	2660	2665	2668	rBV4	1106	1098	0.03%	0.003%
65	9.775	2698	2701	2704	rBV3	1015	920	0.02%	0.003%
66	10.119	2806	2808	2811	rBV	820	621	0.01%	0.002%
67	10.148	2815	2817	2819	rVV2	1385	635	0.02%	0.002%
68	10.173	2822	2825	2830	rVV4	931	988	0.02%	0.003%
69	10.328	2869	2873	2876	rVB4	1149	840	0.02%	0.002%
70	10.363	2880	2884	2889	rBV4	1365	1309	0.03%	0.004%
71	10.427	2889	2904	2932	rBV	1324023	2139040	51.03%	5.862%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B52DL

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

72	10.543	2938	2940	2943	rVB3	1451	775	0.02%	0.002%
73	10.656	2972	2975	2979	rVB4	1277	919	0.02%	0.003%
74	10.707	2988	2991	2998	rVB5	1228	1184	0.03%	0.003%
75	10.884	3041	3046	3052	rVB5	1086	1330	0.03%	0.004%
76	11.070	3099	3104	3105	rBV3	1839	1459	0.03%	0.004%
77	11.083	3105	3108	3115	rVB7	2689	2300	0.05%	0.006%
78	11.154	3126	3130	3132	rBV2	1171	911	0.02%	0.002%
79	11.167	3132	3134	3139	rVB5	1176	792	0.02%	0.002%
80	11.209	3145	3147	3150	rVB3	1105	571	0.01%	0.002%
81	11.405	3202	3208	3211	rBV5	1782	2260	0.05%	0.006%
82	11.479	3219	3231	3253	rBV	1452468	2412364	57.55%	6.611%
83	11.855	3336	3348	3382	rBV	1518600	2540085	60.60%	6.961%
84	12.472	3533	3540	3543	rBV7	3958	5589	0.13%	0.015%
85	12.524	3552	3556	3559	rBV3	1481	1591	0.04%	0.004%
86	12.540	3559	3561	3567	rVV5	1445	1427	0.03%	0.004%
87	12.575	3570	3572	3580	rVB4	1490	1361	0.03%	0.004%
88	12.742	3622	3624	3627	rBV3	1035	677	0.02%	0.002%
89	12.894	3666	3671	3674	rBV5	2078	1983	0.05%	0.005%
90	12.951	3686	3689	3693	rBV3	1227	930	0.02%	0.003%
91	13.000	3702	3704	3706	rBV2	1137	670	0.02%	0.002%
92	13.067	3722	3725	3727	rBV3	1419	910	0.02%	0.002%
93	13.418	3831	3834	3836	rBV2	1449	876	0.02%	0.002%
94	13.672	3909	3913	3918	rBV4	1420	1118	0.03%	0.003%
95	13.852	3965	3969	3980	rBV3	2061	3830	0.09%	0.010%
96	14.077	4034	4039	4043	rBV6	1396	1328	0.03%	0.004%
97	14.421	4143	4146	4149	rBV2	1350	1176	0.03%	0.003%
98	14.604	4200	4203	4205	rBV2	1189	862	0.02%	0.002%
99	14.803	4263	4265	4268	rBV2	1349	1110	0.03%	0.003%
100	14.890	4290	4292	4294	rBV2	1674	993	0.02%	0.003%

Sum of corrected areas: 36491342

LSC Report - Integrated Chromatogram

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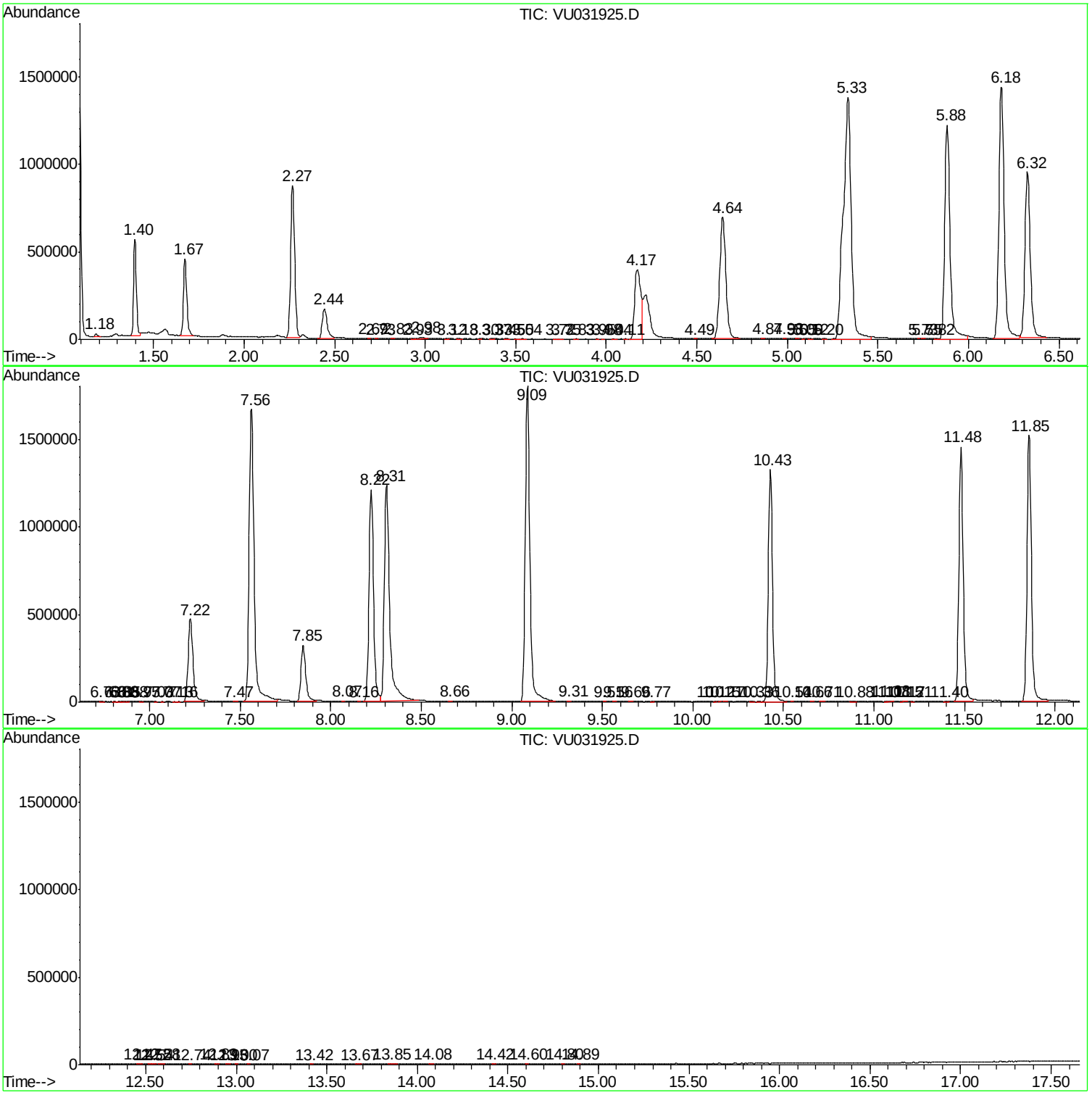
Instrument : MSVOA_U
ClientSampleId : C0B52DL

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 : C0B52DL

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

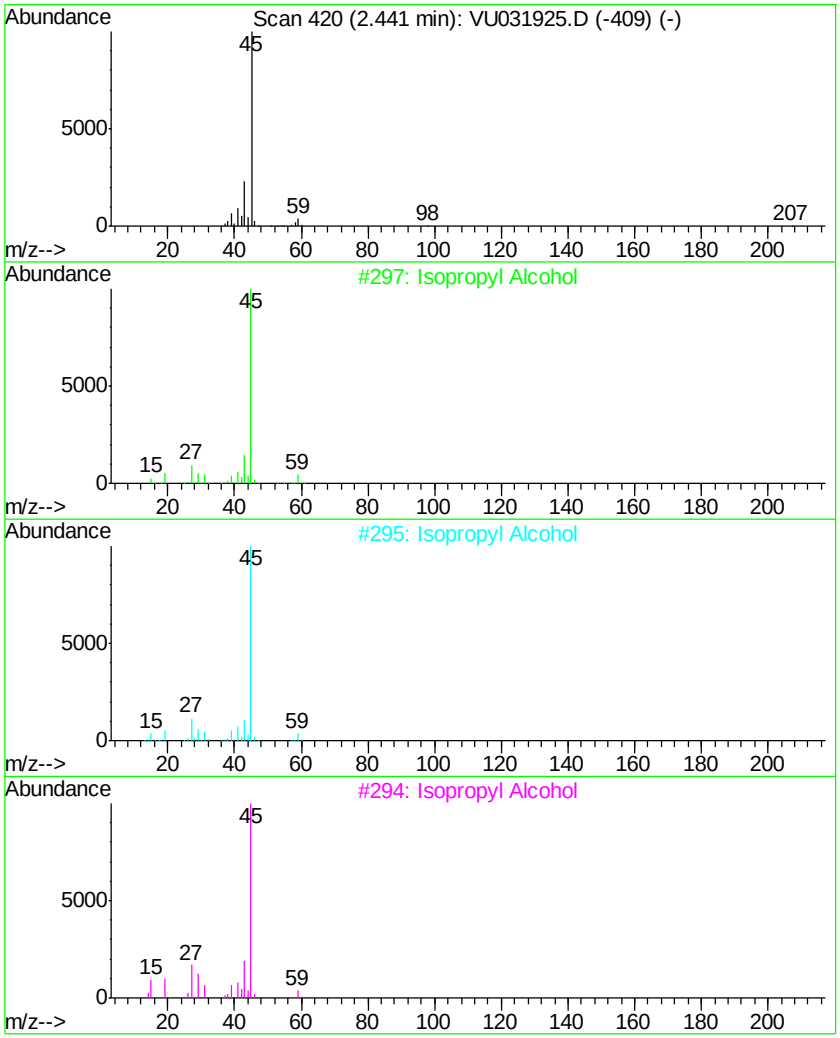
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

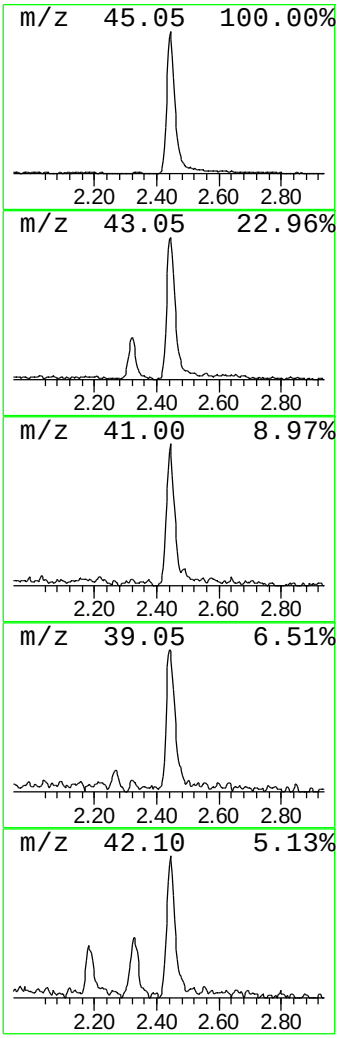
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.33 ug/L	319392	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	50
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	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	6.3	ug/L	319392	1	5.88	2521830	50.0