LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031051.D
Acq On : 11 Apr 2019 08:03
Operator : JC/SP
Sample : K2341-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB715

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\SOMULM040519WMA.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	22	28	38	rVB2	28984	31981	0.79%	0.147%
2	1.395	87	95	108	rBV	336477	354596	8.77%	1.625%
3	1.469	113	118	130	rVB	37515	41976	1.04%	0.192%
4	1.678	174	183	199	rVB	244355	320174	7.92%	1.468%
5	1.881	242	246	255	rBV5	6529	8368	0.21%	0.038%
6	2.267	353	366	376	rBV	480012	750741	18.56%	3.441%
7	2.315	377	381	396	rVB	42177	64420	1.59%	0.295%
8	2.434	406	418	438	rBV2	85400	162049	4.01%	0.743%
9	2.566	456	459	462	rBV3	1189	894	0.02%	0.004%
10	2.833	526	542	561	rVV2	9319	22337	0.55%	0.102%
11	2.964	578	583	584	rBV2	819	648	0.02%	0.003%
12	2.984	584	589	591	rVV3	1485	1329	0.03%	0.006%
13	3.032	599	604	606	rBV3	853	712	0.02%	0.003%
14	3.096	621	624	628	rBV3	892	585	0.01%	0.003%
15	3.145	636	639	642	rBV2	1045	844	0.02%	0.004%
16	3.177	642	649	650	rBV5	3251	3286	0.08%	0.015%
17	3.280	678	681	685	rBV4	805	619	0.02%	0.003%
18	3.305	685	689	693	rVV4	1092	962	0.02%	0.004%
19	3.363	704	707	710	rVV4	1119	912	0.02%	0.004%
20	3.379	710	712	716	rVV3	787	593	0.01%	0.003%
21	3.424	724	726	730	rVB3	1007	611	0.02%	0.003%
22	3.469	735	740	744	rBV3	583	633	0.02%	0.003%
23	3.829	850	852	856	rVB	984	605	0.01%	0.003%
24	3.855	856	860	863	rBV3	543	558	0.01%	0.003%
25	3.913	874	878	881	rBV	685	585	0.01%	0.003%
26	3.987	898	901	902	rBV	1027	556	0.01%	0.003%
27	4.099	932	936	939	rVB2	769	571	0.01%	0.003%
28	4.125	940	944	945	rBV2	912	658	0.02%	0.003%
29	4.170	945	958	996	rBV2	232866	800129	19.79%	3.668%
30	4.514	1062	1065	1067	rBV2	905	725	0.02%	0.003%
31	4.643	1087	1105	1130	rBV4	367454	1018093	25.17%	4.667%
32	4.807	1153	1156	1159	rBV5	1362	806	0.02%	0.004%
33	4.948	1194	1200	1202	rBV2	1001	913	0.02%	0.004%
34	4.971	1204	1207	1210	rVV2	1034	678	0.02%	0.003%

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Sample : K2341-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB715

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\SOMULM040519WMA.M
Title : VOC Analysis

35	4.990	1210	1213	1215	rVV2	971	535	0.01%	0.002%
36	5.029	1221	1225	1227	rBV3	816	595	0.01%	0.003%
37	5.122	1251	1254	1255	rBV3	1117	599	0.01%	0.003%
38	5.247	1288	1293	1297	rBV4	1122	1179	0.03%	0.005%
39	5.334	1297	1320	1355	rBV2	743259	2220643	54.91%	10.179%
40	5.742	1445	1447	1450	rBV2	807	558	0.01%	0.003%
41	5.881	1477	1490	1514	rBV	586632	1181332	29.21%	5.415%
42	6.186	1572	1585	1599	rBV3	60059	124092	3.07%	0.569%
43	6.324	1615	1628	1657	rBV	481607	981525	24.27%	4.499%
44	6.537	1685	1694	1710	rBV2	16917	34508	0.85%	0.158%
45	6.649	1726	1729	1731	rBV2	1348	858	0.02%	0.004%
46	6.752	1748	1761	1776	rBV2	40136	76282	1.89%	0.350%
47	6.852	1790	1792	1799	rVV5	789	651	0.02%	0.003%
48	6.884	1799	1802	1805	rVB4	1039	593	0.01%	0.003%
49	7.167	1884	1890	1891	rBV2	984	641	0.02%	0.003%
50	7.225	1895	1908	1932	rBV	250018	465992	11.52%	2.136%
51	7.392	1952	1960	1968	rVB9	2488	4514	0.11%	0.021%
52	7.463	1978	1982	1985	rBV5	1758	1580	0.04%	0.007%
53	7.562	2000	2013	2027	rBV	936023	1626195	40.21%	7.454%
54	7.636	2030	2036	2057	rVB2	63794	128122	3.17%	0.587%
55	7.845	2091	2101	2120	rBV	170491	317138	7.84%	1.454%
56	8.151	2193	2196	2197	rBV2	911	533	0.01%	0.002%
57	8.173	2197	2203	2204	rVV4	3405	3500	0.09%	0.016%
58	8.221	2205	2218	2235	rVV	2367695	4044105	100.00%	18.537%
59	8.308	2236	2245	2281	rVV	679072	1397405	34.55%	6.405%
60	8.463	2284	2293	2323	rVB3	186948	359336	8.89%	1.647%
61	8.704	2366	2368	2373	rVB3	978	768	0.02%	0.004%
62	8.791	2391	2395	2399	rBV6	1355	1314	0.03%	0.006%
63	8.836	2406	2409	2412	rVB5	1041	614	0.02%	0.003%
64	8.865	2415	2418	2420	rBV3	827	550	0.01%	0.003%
65	8.932	2436	2439	2444	rBV4	1001	1152	0.03%	0.005%
66	9.086	2470	2487	2519	rBV	840938	1469217	36.33%	6.734%
67	9.344	2564	2567	2573	rVB4	942	943	0.02%	0.004%
68	9.382	2576	2579	2580	rBV3	1144	651	0.02%	0.003%
69	9.447	2594	2599	2602	rVB5	759	774	0.02%	0.004%
70	9.485	2607	2611	2612	rBV2	869	598	0.01%	0.003%
71	9.842	2716	2722	2727	rBV3	1361	1685	0.04%	0.008%

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ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB715

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\SOMULM040519WMA.M
Title : VOC Analysis

72	9.903	2737	2741	2742	rBV2	910	590	0.01%	0.003%
73	9.958	2744	2758	2769	rBV10	5144	12711	0.31%	0.058%
74	10.032	2773	2781	2797	rBV5	20023	39929	0.99%	0.183%
75	10.164	2817	2822	2831	rBV7	2052	2342	0.06%	0.011%
76	10.237	2838	2845	2849	rBV6	1185	1510	0.04%	0.007%
77	10.427	2891	2904	2928	rBV	651614	1080498	26.72%	4.953%
78	10.604	2951	2959	2969	rVB7	3723	6481	0.16%	0.030%
79	10.704	2985	2990	2993	rVB3	891	849	0.02%	0.004%
80	10.726	2993	2997	3000	rBV2	896	886	0.02%	0.004%
81	10.781	3012	3014	3019	rVB	1102	909	0.02%	0.004%
82	10.852	3034	3036	3042	rVB4	1297	838	0.02%	0.004%
83	11.009	3081	3085	3089	rBV3	1103	1226	0.03%	0.006%
84	11.067	3100	3103	3106	rBV3	994	803	0.02%	0.004%
85	11.160	3129	3132	3136	rBV2	707	586	0.01%	0.003%
86	11.372	3189	3198	3208	rBV5	29621	52425	1.30%	0.240%
87	11.479	3220	3231	3253	rBV	766024	1242964	30.74%	5.697%
88	11.855	3336	3348	3372	rBV	776606	1315741	32.53%	6.031%
89	12.122	3428	3431	3432	rBV2	1292	637	0.02%	0.003%
90	12.337	3495	3498	3499	rBV	1040	601	0.01%	0.003%
91	12.417	3521	3523	3526	rBV2	907	628	0.02%	0.003%
92	12.784	3634	3637	3639	rBV3	1304	898	0.02%	0.004%
93	12.929	3680	3682	3685	rVB3	1417	769	0.02%	0.004%
94	13.096	3732	3734	3736	rBV3	925	539	0.01%	0.002%
95	13.221	3770	3773	3776	rBV	821	624	0.02%	0.003%
96	13.668	3910	3912	3917	rVB4	986	670	0.02%	0.003%
97	13.691	3917	3919	3921	rBV2	1026	658	0.02%	0.003%
98	13.835	3959	3964	3967	rBV4	1497	1463	0.04%	0.007%
99	14.019	4018	4021	4024	rBV3	1142	928	0.02%	0.004%
100	14.559	4186	4189	4193	rBV3	1542	1204	0.03%	0.006%

Sum of corrected areas: 21816331

LSC Report - Integrated Chromatogram

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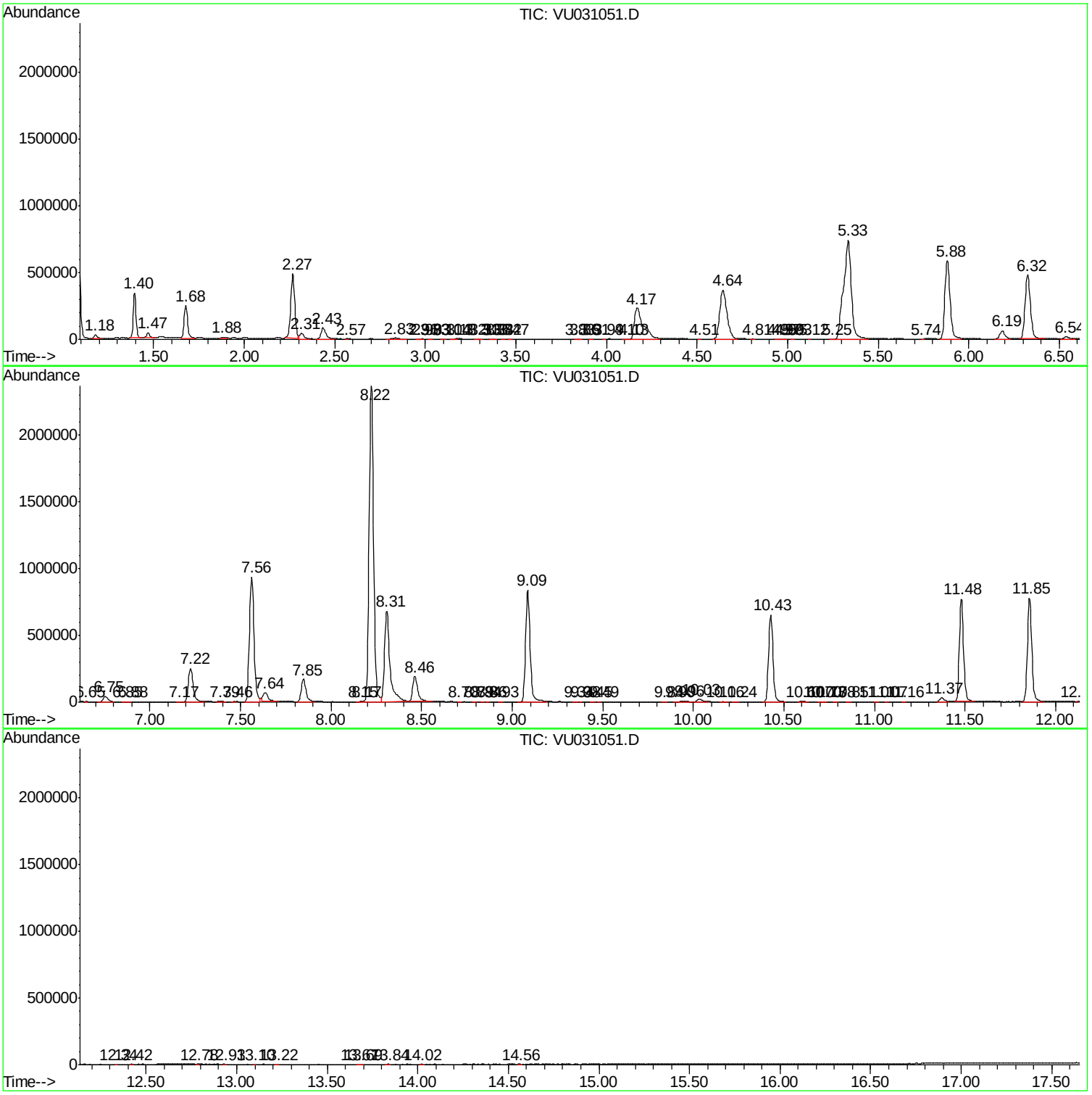
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB715

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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\VU041119\
Data File : VU031051.D
Acq On : 11 Apr 2019 08:03
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB715

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

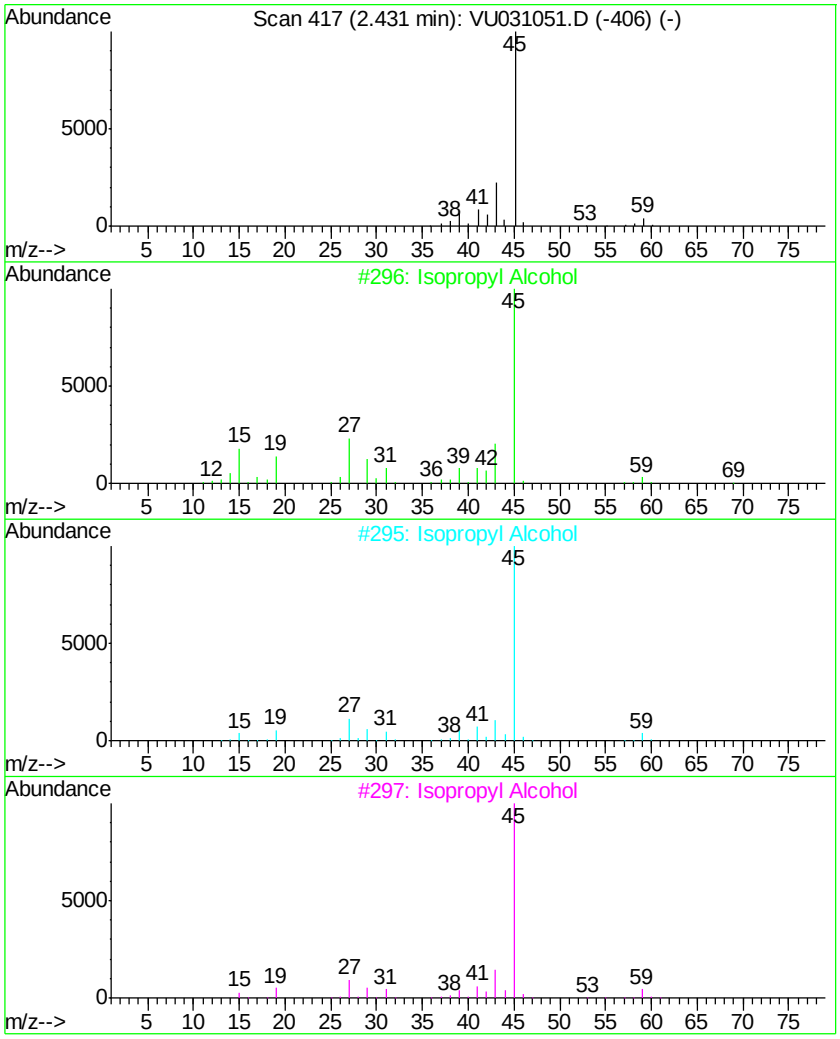
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

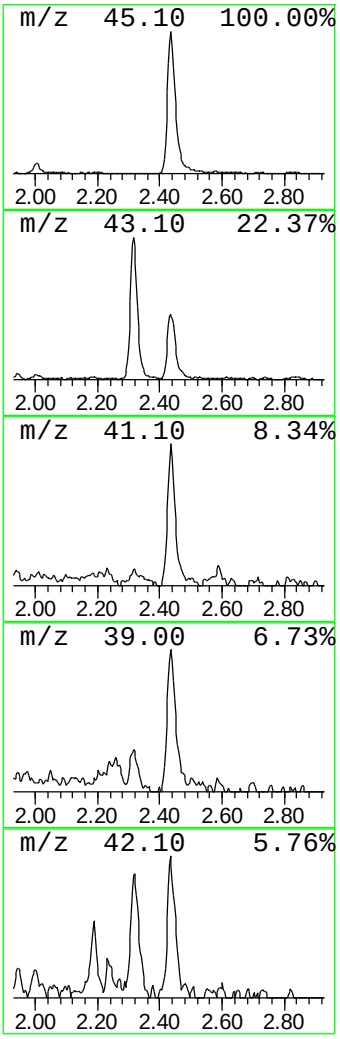
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	6.86 ug/L	162049	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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	2.43	6.9	ug/L	162049	1	5.88	1181330	50.0