LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037620.D
Acq On : 09 Apr 2020 16:07
Operator : JC/MD
Sample : L2189-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS83

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\SOMULM040920WMA.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	1.613	77	85	97	rBV	316717	342563	15.04%	1.869%
2	1.929	175	183	199	rVB	250789	331407	14.55%	1.808%
3	2.591	377	389	404	rBV	454869	746356	32.77%	4.072%
4	2.787	439	450	466	rBV	53347	98840	4.34%	0.539%
5	3.067	531	537	539	rBV4	1216	1208	0.05%	0.007%
6	3.182	571	573	575	rVV3	861	481	0.02%	0.003%
7	3.218	575	584	599	rVB2	4915	11622	0.51%	0.063%
8	3.301	608	610	614	rVB3	1010	714	0.03%	0.004%
9	3.916	798	801	803	rBV3	1017	630	0.03%	0.003%
10	3.964	814	816	820	rVB3	754	482	0.02%	0.003%
11	4.002	825	828	832	rBV5	588	510	0.02%	0.003%
12	4.076	847	851	854	rVB5	824	648	0.03%	0.004%
13	4.099	854	858	861	rBV4	593	512	0.02%	0.003%
14	4.218	891	895	901	rVB3	884	812	0.04%	0.004%
15	4.330	923	930	937	rVB7	1012	1076	0.05%	0.006%
16	4.395	947	950	954	rVB4	896	526	0.02%	0.003%
17	4.424	956	959	961	rBV3	744	563	0.02%	0.003%
18	4.488	975	979	981	rBV4	984	694	0.03%	0.004%
19	4.526	988	991	996	rBV4	801	590	0.03%	0.003%
20	4.584	1006	1009	1012	rBV5	642	484	0.02%	0.003%
21	4.665	1018	1034	1059	rBV	274721	643867	28.27%	3.513%
22	4.806	1075	1078	1082	rVB5	822	549	0.02%	0.003%
23	4.899	1102	1107	1110	rBV4	907	825	0.04%	0.005%
24	4.948	1120	1122	1126	rVB3	975	603	0.03%	0.003%
25	5.002	1134	1139	1140	rBV4	605	491	0.02%	0.003%
26	5.038	1147	1150	1153	rBV3	855	530	0.02%	0.003%
27	5.102	1153	1170	1189	rBV	394449	859668	37.74%	4.691%
28	5.218	1204	1206	1211	rVB4	1161	874	0.04%	0.005%
29	5.321	1232	1238	1242	rBV7	1873	2821	0.12%	0.015%
30	5.398	1258	1262	1264	rBV2	1050	863	0.04%	0.005%
31	5.610	1323	1328	1330	rBV5	671	597	0.03%	0.003%
32	5.623	1330	1332	1335	rVB2	962	579	0.03%	0.003%
33	5.645	1335	1339	1344	rVB6	564	575	0.03%	0.003%
34	5.761	1352	1375	1395	rBV2	863182	2277669	100.00%	12.428%

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS83

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\SOMULM040920WMA.M
Title : VOC Analysis

35	5.986	1441	1445	1446	rBV3	812	485	0.02%	0.003%
36	6.137	1490	1492	1494	rBV3	863	485	0.02%	0.003%
37	6.282	1521	1537	1558	rVV	747376	1407900	61.81%	7.682%
38	6.723	1657	1674	1690	rBV	546993	1050203	46.11%	5.730%
39	7.128	1795	1800	1802	rVV3	791	615	0.03%	0.003%
40	7.186	1813	1818	1819	rBV3	1154	911	0.04%	0.005%
41	7.211	1819	1826	1834	rVB9	2577	4139	0.18%	0.023%
42	7.269	1839	1844	1846	rBV4	764	631	0.03%	0.003%
43	7.530	1921	1925	1926	rBV2	1152	744	0.03%	0.004%
44	7.591	1931	1944	1963	rVB	345804	592531	26.01%	3.233%
45	7.713	1974	1982	1987	rVB7	1547	2246	0.10%	0.012%
46	7.742	1987	1991	1992	rBV3	1142	789	0.03%	0.004%
47	7.819	2009	2015	2019	rVV4	1597	1807	0.08%	0.010%
48	7.922	2032	2047	2062	rBV	1100679	1869787	82.09%	10.202%
49	8.202	2122	2134	2151	rBV	246307	409284	17.97%	2.233%
50	8.314	2167	2169	2174	rVB5	936	652	0.03%	0.004%
51	8.443	2206	2209	2212	rVV4	643	498	0.02%	0.003%
52	8.491	2212	2224	2234	rVB	4682	8937	0.39%	0.049%
53	8.571	2245	2249	2251	rBV3	726	566	0.02%	0.003%
54	8.655	2257	2275	2305	rBV	813026	1433167	62.92%	7.820%
55	9.102	2409	2414	2417	rBV4	684	687	0.03%	0.004%
56	9.140	2423	2426	2429	rVB4	704	470	0.02%	0.003%
57	9.259	2459	2463	2466	rVB2	645	594	0.03%	0.003%
58	9.436	2503	2518	2536	rBV	1060912	1708187	75.00%	9.321%
59	9.616	2571	2574	2583	rVB7	1066	1153	0.05%	0.006%
60	9.710	2596	2603	2607	rVV6	1652	2158	0.09%	0.012%
61	9.883	2655	2657	2662	rVB4	585	541	0.02%	0.003%
62	9.938	2672	2674	2678	rVV3	729	508	0.02%	0.003%
63	9.980	2682	2687	2689	rBV4	645	647	0.03%	0.004%
64	10.060	2709	2712	2717	rVB5	470	525	0.02%	0.003%
65	10.111	2723	2728	2729	rBV3	1270	910	0.04%	0.005%
66	10.272	2772	2778	2781	rBV5	1521	1859	0.08%	0.010%
67	10.597	2874	2879	2886	rVB5	785	978	0.04%	0.005%
68	10.629	2886	2889	2893	rBV2	776	717	0.03%	0.004%
69	10.771	2917	2933	2952	rBV	685555	1105269	48.53%	6.031%
70	10.906	2964	2975	2985	rVB5	4907	9679	0.42%	0.053%
71	11.047	3009	3019	3028	rVB7	6711	11300	0.50%	0.062%

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ALS Vial : 6 Sample Multiplier: 1

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Title : VOC Analysis

72	11.092	3029	3033	3034	rBV2	1041	607	0.03%	0.003%
73	11.192	3061	3064	3070	rVB4	914	846	0.04%	0.005%
74	11.353	3110	3114	3120	rBV3	771	810	0.04%	0.004%
75	11.404	3125	3130	3132	rBV2	698	660	0.03%	0.004%
76	11.481	3148	3154	3158	rBV5	1592	2252	0.10%	0.012%
77	11.706	3222	3224	3229	rVB3	734	566	0.02%	0.003%
78	11.758	3229	3240	3246	rBV8	2472	4049	0.18%	0.022%
79	11.825	3248	3261	3278	rBV	1078467	1684781	73.97%	9.193%
80	11.973	3304	3307	3311	rBV3	771	732	0.03%	0.004%
81	12.073	3334	3338	3347	rVB7	1893	2322	0.10%	0.013%
82	12.205	3365	3379	3394	rBV	1026196	1625821	71.38%	8.871%
83	12.336	3417	3420	3426	rVB4	1029	1071	0.05%	0.006%
84	12.504	3468	3472	3474	rBV3	692	565	0.02%	0.003%
85	12.581	3491	3496	3499	rBV4	753	859	0.04%	0.005%
86	12.941	3605	3608	3610	rBV3	916	485	0.02%	0.003%
87	12.983	3615	3621	3622	rBV4	650	611	0.03%	0.003%
88	13.082	3646	3652	3656	rBV6	689	904	0.04%	0.005%
89	13.237	3695	3700	3710	rVB8	2752	4479	0.20%	0.024%
90	13.385	3743	3746	3749	rBV3	822	707	0.03%	0.004%
91	13.542	3790	3795	3796	rBV3	805	607	0.03%	0.003%
92	13.709	3842	3847	3848	rBV	675	640	0.03%	0.003%
93	13.867	3889	3896	3903	rBV7	3618	5284	0.23%	0.029%
94	14.082	3959	3963	3965	rBV6	766	565	0.02%	0.003%
95	14.115	3965	3973	3983	rVB	8439	12431	0.55%	0.068%
96	14.195	3995	3998	4004	rBV4	994	1310	0.06%	0.007%
97	14.362	4045	4050	4057	rVB8	3400	4155	0.18%	0.023%
98	14.568	4111	4114	4115	rBV2	1062	679	0.03%	0.004%
99	14.626	4127	4132	4138	rVB6	3009	3766	0.17%	0.021%
100	14.668	4142	4145	4147	rBV3	939	709	0.03%	0.004%

Sum of corrected areas: 18327061

LSC Report - Integrated Chromatogram

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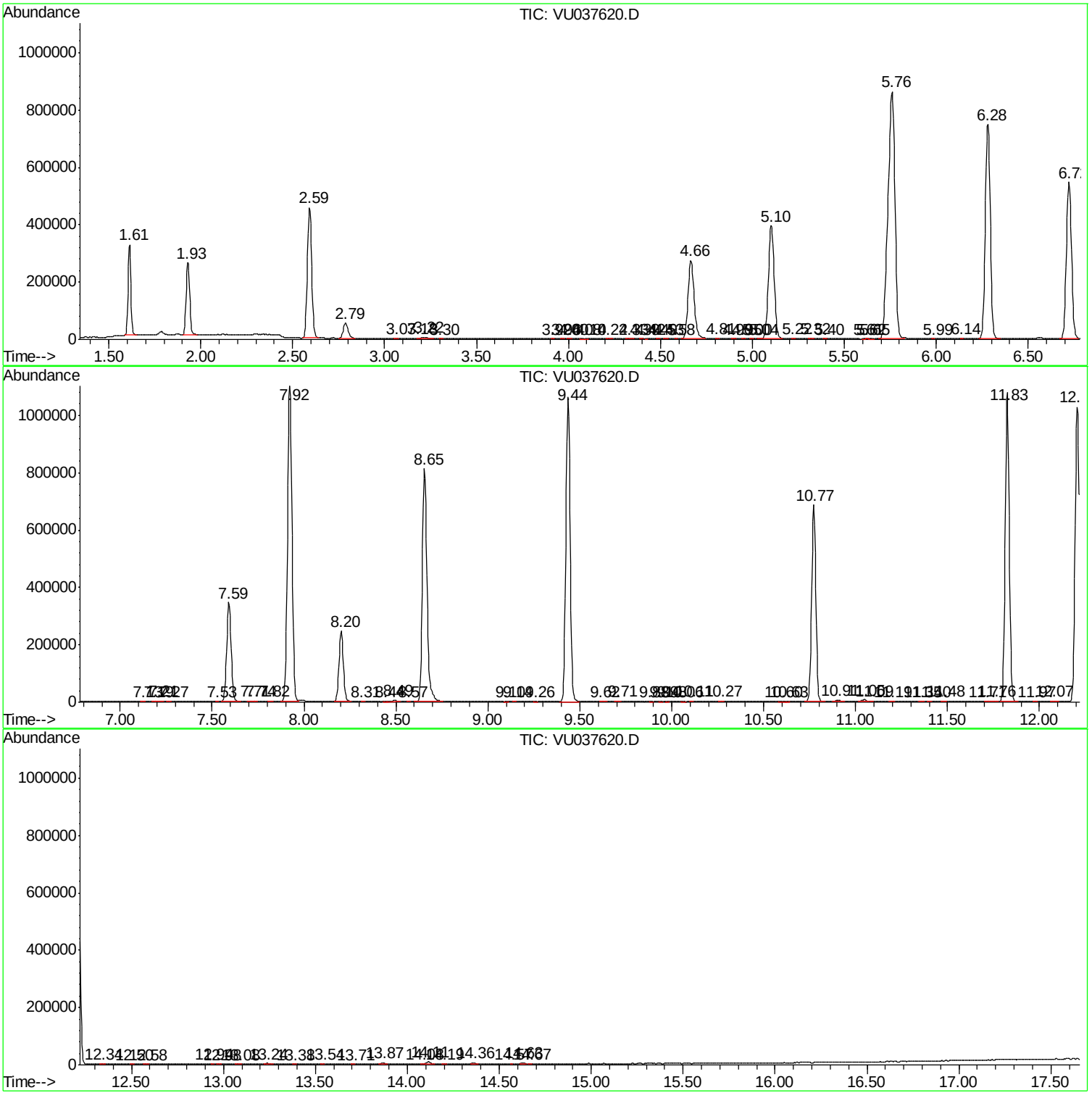
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.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\VU040920\
Data File : VU037620.D
Acq On : 09 Apr 2020 16:07
Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

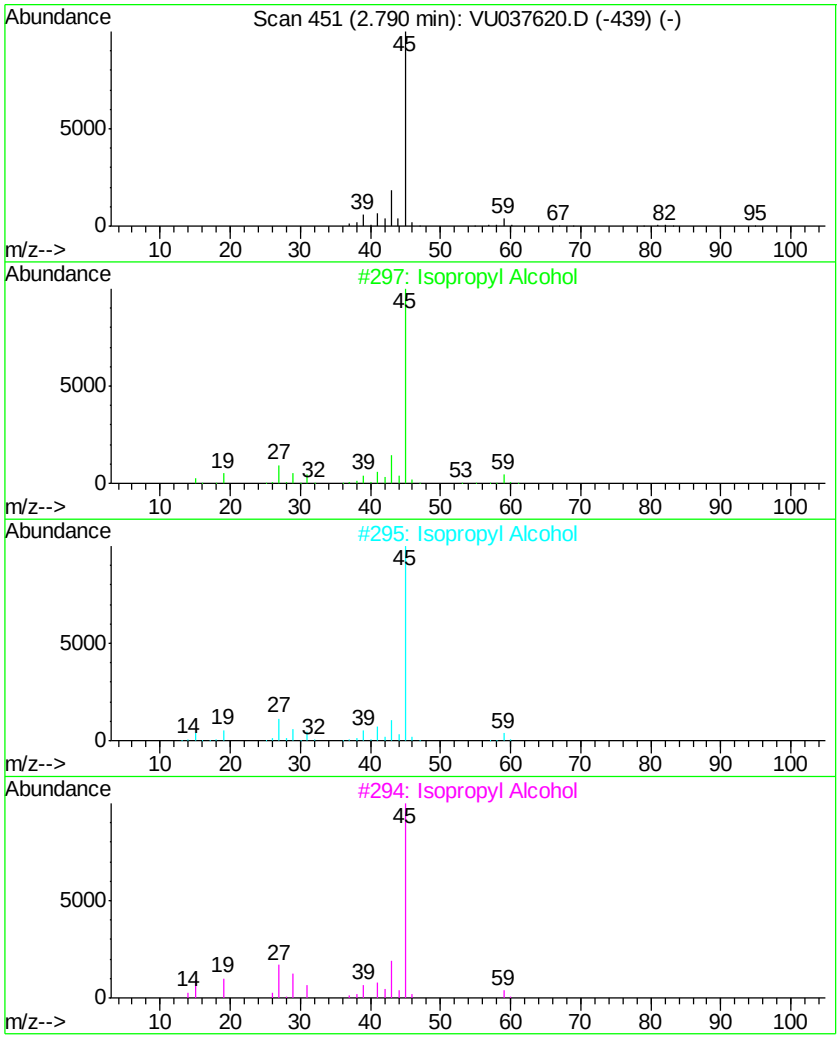
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

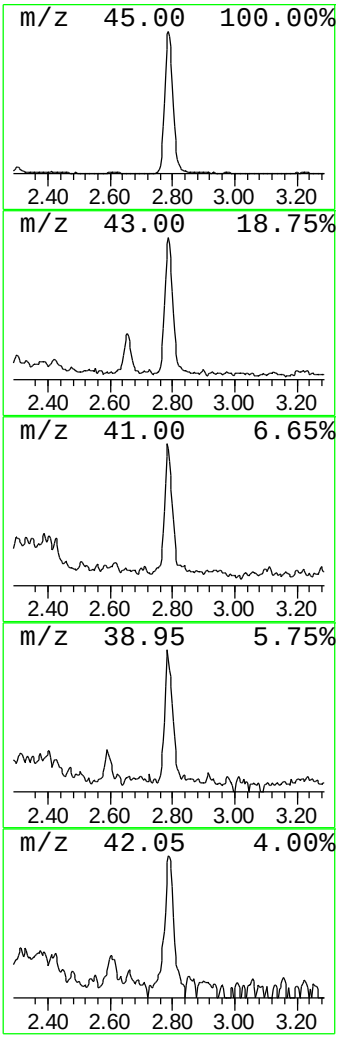
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	3.51 ug/L	98840	1,4-Difluorobenzene	6.28

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	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
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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	2.79	3.5	ug/L	98840	1	6.28	1407900	50.0