LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034601.D
Acq On : 17 Sep 2019 06:15
Operator : JC/SP
Sample : K4894-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MQ5

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\SOMULM091619WMA.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	1.177	23	27	33	rVB3	4682	4377	0.52%	0.062%
2	1.392	88	94	107	rBV	83489	87909	10.46%	1.238%
3	1.672	174	181	197	rVB	73529	93597	11.14%	1.318%
4	2.257	354	363	375	rVB	161096	247821	29.50%	3.489%
5	2.428	407	416	438	rVB	23112	42207	5.02%	0.594%
6	2.807	528	534	535	rBV3	2798	2534	0.30%	0.036%
7	2.913	564	567	571	rVB3	661	499	0.06%	0.007%
8	2.961	578	582	585	rVB4	698	534	0.06%	0.008%
9	3.087	617	621	622	rBV	743	546	0.06%	0.008%
10	3.337	697	699	702	rVV3	778	438	0.05%	0.006%
11	3.447	728	733	739	rVB5	757	891	0.11%	0.013%
12	3.582	772	775	778	rBV2	628	513	0.06%	0.007%
13	3.685	801	807	810	rBV3	809	606	0.07%	0.009%
14	3.710	810	815	818	rBV4	439	427	0.05%	0.006%
15	3.727	818	820	823	rVB2	739	417	0.05%	0.006%
16	3.752	823	828	833	rBV5	792	902	0.11%	0.013%
17	3.878	864	867	872	rBV3	701	563	0.07%	0.008%
18	3.926	879	882	887	rVB5	566	538	0.06%	0.008%
19	4.074	923	928	930	rBV4	559	485	0.06%	0.007%
20	4.106	933	938	940	rBV3	527	426	0.05%	0.006%
21	4.151	940	952	982	rBV	87530	242154	28.82%	3.410%
22	4.521	1063	1067	1070	rBV4	762	620	0.07%	0.009%
23	4.624	1082	1099	1131	rBV	145170	354495	42.20%	4.991%
24	4.916	1185	1190	1193	rBV5	879	893	0.11%	0.013%
25	4.968	1203	1206	1208	rVV3	884	479	0.06%	0.007%
26	5.186	1266	1274	1277	rBV6	813	948	0.11%	0.013%
27	5.315	1290	1314	1339	rBV2	278227	840134	100.00%	11.829%
28	5.614	1404	1407	1413	rBV5	751	797	0.09%	0.011%
29	5.678	1424	1427	1432	rVB4	621	418	0.05%	0.006%
30	5.707	1432	1436	1438	rBV2	731	559	0.07%	0.008%
31	5.800	1461	1465	1466	rBV3	715	503	0.06%	0.007%
32	5.865	1471	1485	1502	rBV	306782	609102	72.50%	8.576%
33	6.308	1610	1623	1644	rBV	205343	413324	49.20%	5.820%
34	6.842	1786	1789	1792	rBV5	1249	816	0.10%	0.011%

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Instrument : MSVOA_U
ClientSampleId : C0MQ5

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\SOMULM091619WMA.M
Title : VOC Analysis

35	6.913	1808	1811	1816	rVB4	845	760	0.09%	0.011%
36	6.961	1823	1826	1828	rBV3	634	531	0.06%	0.007%
37	7.013	1837	1842	1847	rBV5	855	1209	0.14%	0.017%
38	7.119	1869	1875	1877	rBV5	874	805	0.10%	0.011%
39	7.205	1891	1902	1920	rBV	109167	204521	24.34%	2.880%
40	7.369	1948	1953	1955	rBV4	1842	1573	0.19%	0.022%
41	7.543	1994	2007	2030	rBV	382362	686579	81.72%	9.667%
42	7.749	2068	2071	2077	rVB4	1054	697	0.08%	0.010%
43	7.829	2083	2096	2119	rBV	74913	140190	16.69%	1.974%
44	8.157	2193	2198	2209	rVB6	2369	3176	0.38%	0.045%
45	8.215	2213	2216	2220	rVB4	636	455	0.05%	0.006%
46	8.254	2224	2228	2229	rBV3	688	477	0.06%	0.007%
47	8.289	2229	2239	2270	rBV	277290	535707	63.76%	7.543%
48	8.607	2333	2338	2343	rBV5	905	965	0.11%	0.014%
49	8.630	2343	2345	2349	rVB3	866	668	0.08%	0.009%
50	8.742	2377	2380	2382	rVV3	586	420	0.05%	0.006%
51	8.797	2395	2397	2402	rVB3	890	581	0.07%	0.008%
52	8.890	2422	2426	2428	rBV3	701	592	0.07%	0.008%
53	8.939	2437	2441	2444	rBV3	767	660	0.08%	0.009%
54	8.993	2454	2458	2462	rBV3	595	641	0.08%	0.009%
55	9.067	2469	2481	2510	rBV	441083	763288	90.85%	10.747%
56	9.228	2526	2531	2535	rBV5	838	1012	0.12%	0.014%
57	9.315	2555	2558	2564	rVB4	600	440	0.05%	0.006%
58	9.402	2581	2585	2588	rBV3	622	564	0.07%	0.008%
59	9.517	2619	2621	2628	rVB4	603	572	0.07%	0.008%
60	9.762	2693	2697	2698	rBV2	709	560	0.07%	0.008%
61	9.820	2710	2715	2719	rBV4	714	679	0.08%	0.010%
62	9.861	2724	2728	2731	rVV4	489	489	0.06%	0.007%
63	9.996	2768	2770	2776	rVB4	815	658	0.08%	0.009%
64	10.029	2776	2780	2783	rBV3	584	460	0.05%	0.006%
65	10.061	2788	2790	2794	rVB2	915	648	0.08%	0.009%
66	10.090	2794	2799	2802	rBV4	703	621	0.07%	0.009%
67	10.196	2829	2832	2834	rVB2	662	419	0.05%	0.006%
68	10.276	2851	2857	2860	rBV6	539	596	0.07%	0.008%
69	10.408	2885	2898	2921	rVV	300641	497353	59.20%	7.003%
70	10.517	2929	2932	2937	rBV4	569	461	0.05%	0.006%
71	10.562	2941	2946	2948	rBV3	463	475	0.06%	0.007%

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ClientSampleId : C0MQ5

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\SOMULM091619WMA.M
Title : VOC Analysis

72	10.588	2950	2954	2955	rBV5	777	550	0.07%	0.008%
73	10.627	2963	2966	2971	rBV3	523	469	0.06%	0.007%
74	10.781	3009	3014	3016	rBV2	496	425	0.05%	0.006%
75	10.848	3032	3035	3038	rBV3	623	438	0.05%	0.006%
76	11.012	3082	3086	3088	rBV3	592	418	0.05%	0.006%
77	11.028	3088	3091	3096	rVB4	569	429	0.05%	0.006%
78	11.077	3102	3106	3109	rVB3	665	512	0.06%	0.007%
79	11.099	3109	3113	3118	rBV3	714	803	0.10%	0.011%
80	11.257	3159	3162	3167	rVB3	721	704	0.08%	0.010%
81	11.321	3176	3182	3184	rBV2	610	698	0.08%	0.010%
82	11.459	3214	3225	3245	rBV	394492	655625	78.04%	9.231%
83	11.836	3330	3342	3366	rBV	371622	628356	74.79%	8.847%
84	12.160	3440	3443	3445	rBV3	807	426	0.05%	0.006%
85	12.286	3478	3482	3484	rBV2	564	455	0.05%	0.006%
86	12.771	3626	3633	3636	rBV4	821	927	0.11%	0.013%
87	12.983	3694	3699	3701	rBV4	896	775	0.09%	0.011%
88	13.112	3735	3739	3742	rBV	691	587	0.07%	0.008%
89	13.167	3752	3756	3761	rVB3	788	647	0.08%	0.009%
90	13.228	3772	3775	3779	rVB5	889	586	0.07%	0.008%
91	13.501	3858	3860	3868	rVB3	649	633	0.08%	0.009%
92	13.649	3903	3906	3911	rBV4	505	437	0.05%	0.006%
93	13.716	3924	3927	3929	rBV2	794	597	0.07%	0.008%
94	13.893	3978	3982	3987	rVB3	1051	857	0.10%	0.012%
95	14.163	4064	4066	4071	rBV4	521	420	0.05%	0.006%
96	14.247	4088	4092	4095	rBV4	579	435	0.05%	0.006%
97	14.337	4115	4120	4123	rBV4	556	605	0.07%	0.009%
98	14.684	4225	4228	4237	rBV6	970	1016	0.12%	0.014%
99	14.800	4261	4264	4268	rBV5	1094	992	0.12%	0.014%
100	15.224	4393	4396	4397	rBV3	884	476	0.06%	0.007%

Sum of corrected areas: 7102272

LSC Report - Integrated Chromatogram

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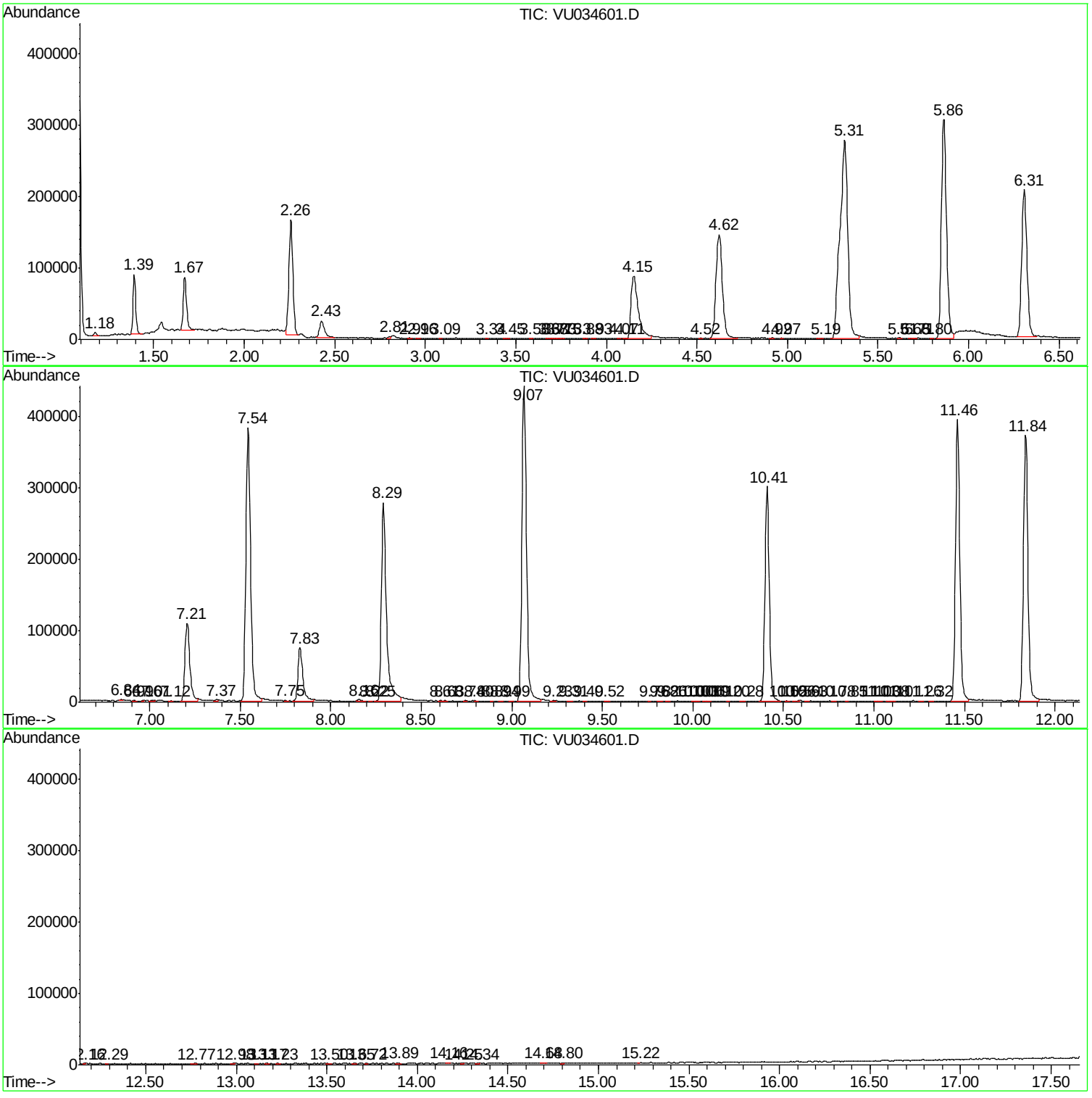
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MQ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.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\VU091619\
Data File : VU034601.D
Acq On : 17 Sep 2019 06:15
Operator : JC/SP
Sample : K4894-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MQ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis

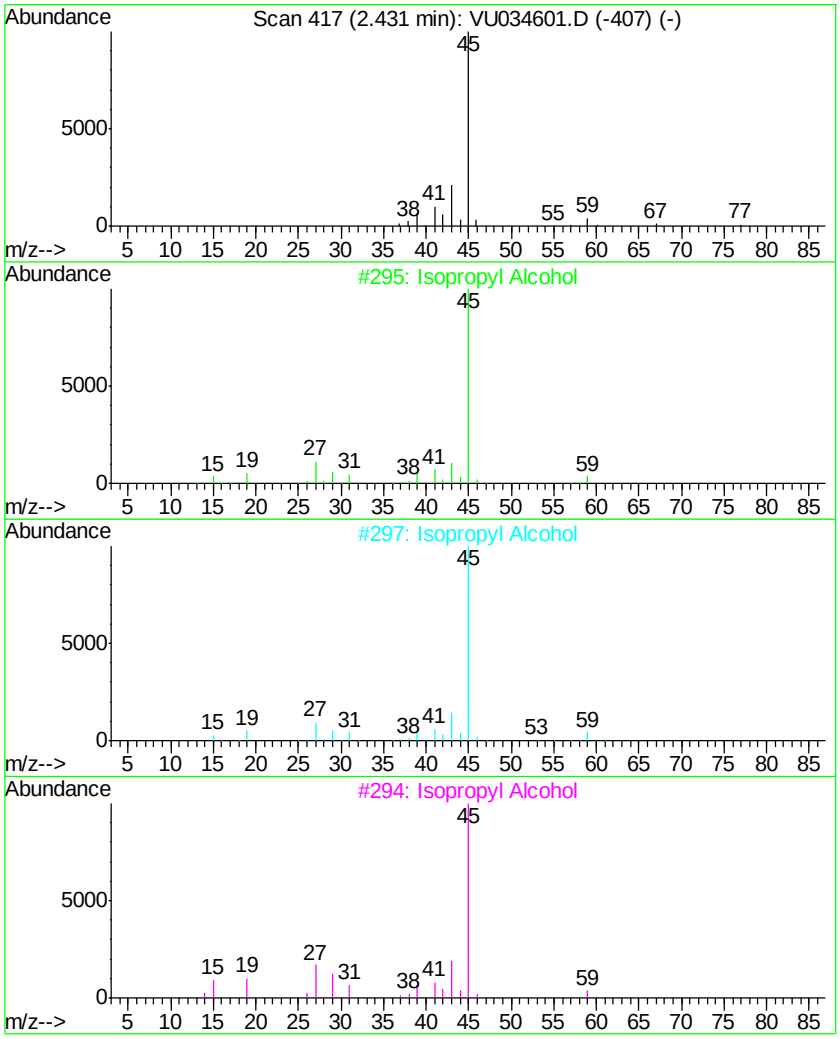
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

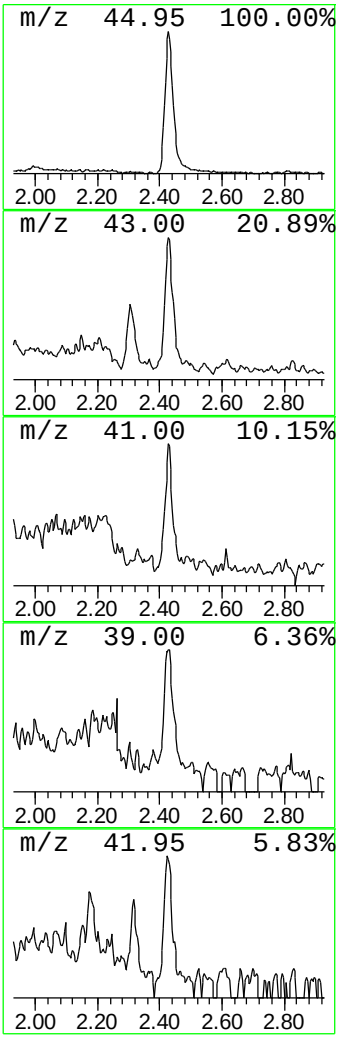
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	3.46 ug/L	42207	1,4-Difluorobenzene	5.86

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	72
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	2-Pentanol	88	C5H12O	006032-29-7	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
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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	2.43	3.5	ug/L	42207	1	5.86	609102	50.0