LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034564.D
Acq On : 16 Sep 2019 15:01
Operator : JC/SP
Sample : K4838-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MB9

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	31	rBV6	3845	3687	0.34%	0.038%
2	1.396	88	95	105	rBV	123263	130038	12.04%	1.354%
3	1.672	174	181	192	rBV	95548	120194	11.13%	1.252%
4	2.257	355	363	377	rVB	217657	339747	31.46%	3.538%
5	2.428	407	416	434	rVB	26138	48890	4.53%	0.509%
6	2.514	441	443	445	rBV3	1093	596	0.06%	0.006%
7	2.582	462	464	468	rVB4	894	595	0.06%	0.006%
8	2.820	524	538	556	rVB2	33894	76685	7.10%	0.799%
9	2.904	562	564	569	rVB4	1016	717	0.07%	0.007%
10	3.067	613	615	620	rVB4	1513	1102	0.10%	0.011%
11	3.135	633	636	641	rVB5	1199	1029	0.10%	0.011%
12	3.193	652	654	658	rVB4	850	598	0.06%	0.006%
13	3.331	694	697	702	rBV4	897	1016	0.09%	0.011%
14	3.367	706	708	718	rVB9	1300	1258	0.12%	0.013%
15	3.495	745	748	753	rVB3	1037	703	0.07%	0.007%
16	3.582	770	775	776	rBV4	750	651	0.06%	0.007%
17	3.653	795	797	800	rVB2	948	637	0.06%	0.007%
18	3.804	841	844	848	rBV5	760	615	0.06%	0.006%
19	3.826	848	851	855	rVB4	684	585	0.05%	0.006%
20	3.878	862	867	874	rVB7	1220	1307	0.12%	0.014%
21	4.026	909	913	915	rBV3	776	633	0.06%	0.007%
22	4.154	938	953	981	rBV2	140790	421726	39.05%	4.391%
23	4.447	1042	1044	1048	rVB4	1373	929	0.09%	0.010%
24	4.624	1084	1099	1120	rBV	188486	447870	41.48%	4.664%
25	4.784	1147	1149	1152	rVB4	1454	882	0.08%	0.009%
26	4.842	1164	1167	1169	rBV4	1044	671	0.06%	0.007%
27	4.929	1192	1194	1200	rVB5	760	621	0.06%	0.006%
28	4.971	1200	1207	1219	rVB5	1913	3674	0.34%	0.038%
29	5.061	1231	1235	1236	rBV3	1215	903	0.08%	0.009%
30	5.135	1253	1258	1262	rBV3	793	832	0.08%	0.009%
31	5.228	1282	1287	1289	rBV4	957	786	0.07%	0.008%
32	5.315	1289	1314	1341	rBV2	358981	1079830	100.00%	11.244%
33	5.723	1438	1441	1444	rBV3	961	629	0.06%	0.007%
34	5.775	1453	1457	1461	rBV5	1469	1164	0.11%	0.012%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MB9

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	5.865	1471	1485	1509	rBV	410064	818791	75.83%	8.526%
36	6.058	1541	1545	1547	rBV3	2078	1578	0.15%	0.016%
37	6.170	1574	1580	1595	rVB7	9866	17842	1.65%	0.186%
38	6.309	1610	1623	1645	rBV2	263161	531726	49.24%	5.537%
39	6.521	1687	1689	1693	rBV4	878	584	0.05%	0.006%
40	6.575	1703	1706	1708	rBV3	1205	716	0.07%	0.007%
41	6.694	1741	1743	1747	rVB2	942	615	0.06%	0.006%
42	6.723	1747	1752	1754	rBV4	1092	895	0.08%	0.009%
43	6.836	1783	1787	1788	rBV3	1212	876	0.08%	0.009%
44	6.903	1805	1808	1814	rVB5	1652	1316	0.12%	0.014%
45	7.151	1881	1885	1886	rBV3	941	651	0.06%	0.007%
46	7.206	1890	1902	1927	rBV	155034	298645	27.66%	3.110%
47	7.543	1994	2007	2029	rBV	506582	894643	82.85%	9.316%
48	7.829	2086	2096	2119	rVV	103419	196039	18.15%	2.041%
49	7.980	2140	2143	2151	rVB8	1653	1913	0.18%	0.020%
50	8.032	2157	2159	2165	rBV6	1055	806	0.07%	0.008%
51	8.161	2189	2199	2209	rVV3	13317	24090	2.23%	0.251%
52	8.289	2228	2239	2282	rBV	354996	710457	65.79%	7.398%
53	8.553	2318	2321	2323	rBV4	871	598	0.06%	0.006%
54	8.688	2360	2363	2368	rVB5	1278	790	0.07%	0.008%
55	8.800	2395	2398	2401	rVB2	1311	907	0.08%	0.009%
56	8.833	2401	2408	2413	rBV6	1072	1803	0.17%	0.019%
57	8.929	2435	2438	2442	rBV6	717	664	0.06%	0.007%
58	9.016	2460	2465	2468	rBV4	818	755	0.07%	0.008%
59	9.067	2469	2481	2521	rVV	588345	1014140	93.92%	10.560%
60	9.238	2531	2534	2540	rVB6	1316	1357	0.13%	0.014%
61	9.353	2566	2570	2572	rBV4	1907	1358	0.13%	0.014%
62	9.392	2580	2582	2586	rVB3	1033	677	0.06%	0.007%
63	9.495	2610	2614	2617	rVB3	1187	979	0.09%	0.010%
64	9.720	2680	2684	2687	rBV5	1089	688	0.06%	0.007%
65	9.759	2693	2696	2699	rBV4	941	708	0.07%	0.007%
66	9.794	2703	2707	2711	rVB5	1460	1411	0.13%	0.015%
67	9.926	2745	2748	2752	rVB4	858	673	0.06%	0.007%
68	10.231	2839	2843	2844	rBV3	990	648	0.06%	0.007%
69	10.273	2851	2856	2858	rBV5	1055	829	0.08%	0.009%
70	10.408	2886	2898	2922	rBV	392023	642391	59.49%	6.689%
71	10.595	2943	2956	2967	rVB3	9479	15959	1.48%	0.166%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MB9

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	10.710	2989	2992	2996	rVB4	890	749	0.07%	0.008%
73	10.755	3000	3006	3010	rBV6	1752	2303	0.21%	0.024%
74	10.890	3044	3048	3051	rBV4	1101	1098	0.10%	0.011%
75	11.019	3084	3088	3090	rBV3	1023	656	0.06%	0.007%
76	11.096	3105	3112	3115	rBV7	1135	1175	0.11%	0.012%
77	11.209	3144	3147	3150	rBV4	996	833	0.08%	0.009%
78	11.402	3201	3207	3213	rVB7	2373	3235	0.30%	0.034%
79	11.459	3213	3225	3253	rBV	510381	871050	80.67%	9.070%
80	11.594	3264	3267	3272	rBB6	1433	944	0.09%	0.010%
81	11.720	3302	3306	3307	rBV3	920	718	0.07%	0.007%
82	11.839	3330	3343	3368	rBV	486576	822654	76.18%	8.566%
83	12.154	3439	3441	3446	rBV4	1431	1346	0.12%	0.014%
84	12.357	3502	3504	3508	rVB6	1550	919	0.09%	0.010%
85	12.463	3535	3537	3546	rVB7	1845	2017	0.19%	0.021%
86	12.623	3584	3587	3589	rBV5	1035	587	0.05%	0.006%
87	12.646	3592	3594	3597	rBV3	831	582	0.05%	0.006%
88	12.694	3607	3609	3617	rVB7	1076	997	0.09%	0.010%
89	12.771	3629	3633	3636	rVB3	1066	744	0.07%	0.008%
90	12.794	3636	3640	3642	rBV5	1115	801	0.07%	0.008%
91	12.820	3643	3648	3651	rBV6	899	967	0.09%	0.010%
92	13.070	3722	3726	3732	rBV8	1000	1193	0.11%	0.012%
93	13.585	3882	3886	3888	rBV2	646	594	0.06%	0.006%
94	13.675	3910	3914	3919	rBV6	806	854	0.08%	0.009%
95	13.993	4010	4013	4014	rBV3	1283	717	0.07%	0.007%
96	14.048	4027	4030	4032	rBV3	874	599	0.06%	0.006%
97	14.186	4069	4073	4076	rBV3	888	786	0.07%	0.008%
98	14.758	4248	4251	4258	rVB8	1254	1260	0.12%	0.013%
99	14.794	4258	4262	4264	rBV4	1467	1260	0.12%	0.013%
100	15.212	4390	4392	4396	rBV3	1103	609	0.06%	0.006%

Sum of corrected areas: 9603565

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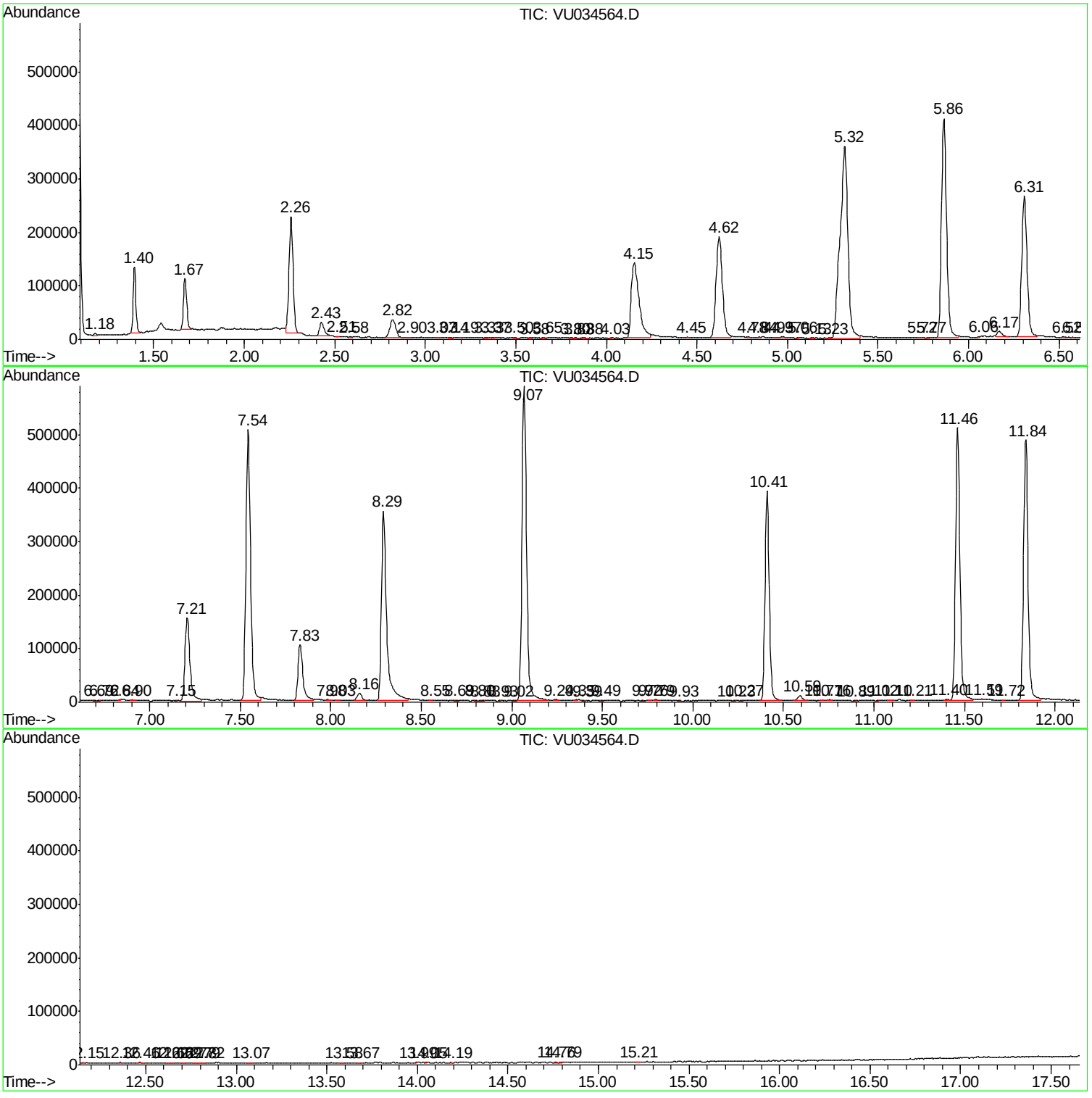
Instrument : MSVOA_U
ClientSampleId : C0MB9

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 : VU034564.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MB9

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

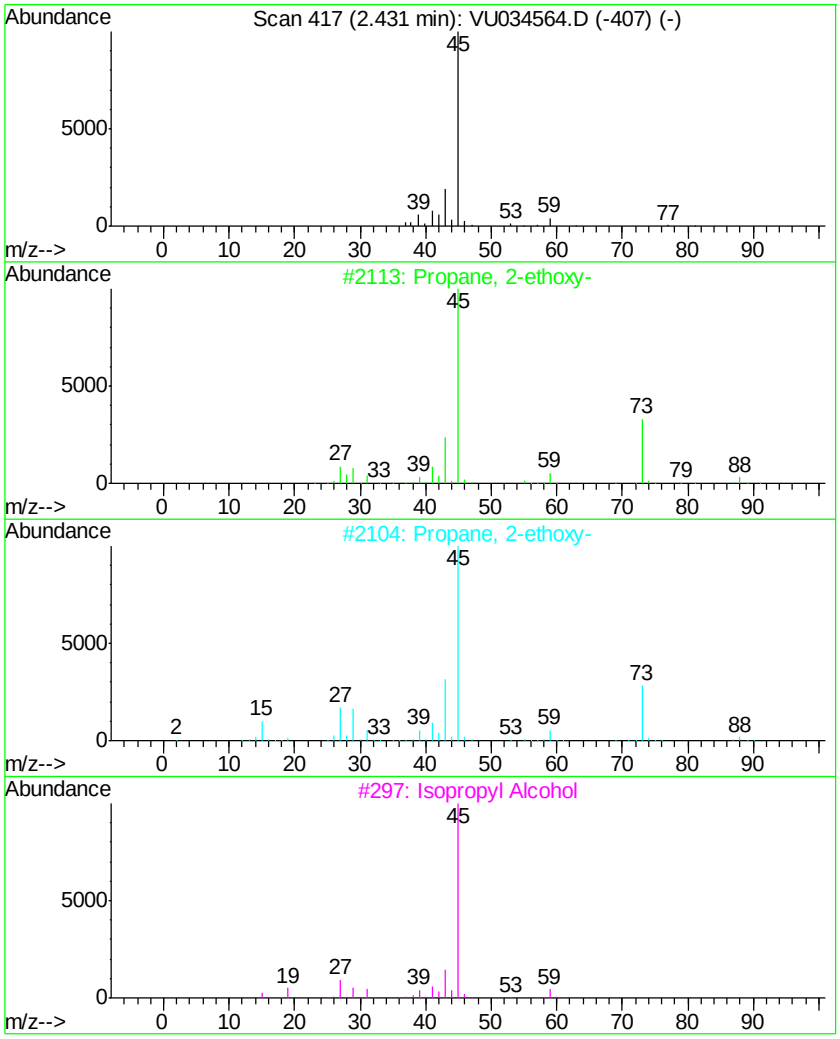
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

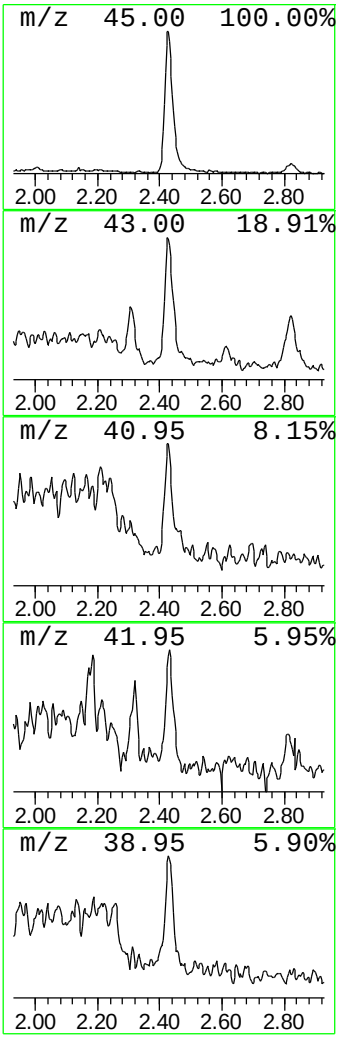
****

Peak Number 1 Propane, 2-ethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	2.99 ug/L	48890	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	74
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	39





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
Propane, 2-ethoxy-	2.43	3.0	ug/L	48890	1	5.86	818791	50.0