LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
Data File : VU032335.D
Acq On : 28 May 2019 17:47
Operator : JC/SP
Sample : K3049-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ1

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\SOMULM052819WMA.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	1.183	25	29	37	rVB3	11055	10484	0.45%	0.056%
2	1.395	89	95	106	rBV	281779	292498	12.44%	1.549%
3	1.672	173	181	197	rVB	240717	306836	13.05%	1.625%
4	2.267	354	366	378	rBV	478721	725966	30.89%	3.844%
5	2.524	441	446	450	rBV3	545	648	0.03%	0.003%
6	2.547	450	453	457	rVB3	767	633	0.03%	0.003%
7	2.604	467	471	474	rBV	851	532	0.02%	0.003%
8	2.627	474	478	480	rBV3	627	577	0.02%	0.003%
9	2.640	480	482	485	rVV2	1260	858	0.04%	0.005%
10	2.698	495	500	509	rVB6	2289	3204	0.14%	0.017%
11	2.762	517	520	522	rBV2	1020	670	0.03%	0.004%
12	2.781	522	526	533	rVV4	2001	3188	0.14%	0.017%
13	2.829	536	541	554	rVB5	3176	5921	0.25%	0.031%
14	2.990	586	591	594	rBV3	722	725	0.03%	0.004%
15	3.074	613	617	620	rVV2	965	697	0.03%	0.004%
16	3.376	707	711	715	rVV2	596	527	0.02%	0.003%
17	3.675	800	804	808	rBV3	774	602	0.03%	0.003%
18	3.836	851	854	858	rBV2	645	625	0.03%	0.003%
19	4.067	921	926	930	rBV2	562	486	0.02%	0.003%
20	4.170	946	958	988	rBV	286237	759473	32.31%	4.022%
21	4.383	1015	1024	1041	rBV2	43670	97851	4.16%	0.518%
22	4.643	1089	1105	1132	rBV	396584	939952	39.99%	4.977%
23	4.765	1140	1143	1148	rVB5	680	570	0.02%	0.003%
24	4.977	1205	1209	1210	rVV3	963	708	0.03%	0.004%
25	4.990	1210	1213	1216	rVV3	1652	1529	0.07%	0.008%
26	5.042	1224	1229	1233	rBV3	579	590	0.03%	0.003%
27	5.241	1288	1291	1295	rBV2	774	621	0.03%	0.003%
28	5.334	1297	1320	1356	rBV2	767918	2350400	100.00%	12.446%
29	5.598	1398	1402	1405	rBV4	723	573	0.02%	0.003%
30	5.627	1409	1411	1414	rVB2	920	498	0.02%	0.003%
31	5.662	1420	1422	1424	rBV2	831	501	0.02%	0.003%
32	5.746	1445	1448	1452	rBV2	917	667	0.03%	0.004%
33	5.881	1474	1490	1520	rBV	739895	1506923	64.11%	7.980%
34	6.061	1544	1546	1549	rBV3	938	558	0.02%	0.003%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ1

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\SOMULM052819WMA.M
Title : VOC Analysis

35	6.183	1569	1584	1603	rBV8	14079	35699	1.52%	0.189%
36	6.325	1614	1628	1654	rBV	517873	1055774	44.92%	5.591%
37	6.640	1722	1726	1729	rBV4	699	817	0.03%	0.004%
38	6.688	1737	1741	1748	rVB5	1217	1071	0.05%	0.006%
39	6.781	1766	1770	1773	rBV3	593	497	0.02%	0.003%
40	6.874	1790	1799	1800	rBV5	1549	1699	0.07%	0.009%
41	6.903	1805	1808	1811	rVB3	1237	822	0.03%	0.004%
42	6.964	1823	1827	1830	rBV2	859	497	0.02%	0.003%
43	6.977	1830	1831	1837	rVB3	822	704	0.03%	0.004%
44	7.122	1872	1876	1879	rBV3	592	580	0.02%	0.003%
45	7.225	1895	1908	1926	rBV	251383	457013	19.44%	2.420%
46	7.559	2000	2012	2029	rBV	958260	1723288	73.32%	9.126%
47	7.636	2031	2036	2064	rVB2	46442	101573	4.32%	0.538%
48	7.849	2091	2102	2129	rBV2	167741	309688	13.18%	1.640%
49	8.122	2181	2187	2189	rBV5	1044	1241	0.05%	0.007%
50	8.167	2196	2201	2202	rBV3	1260	907	0.04%	0.005%
51	8.215	2213	2216	2217	rBV2	1367	757	0.03%	0.004%
52	8.308	2232	2245	2284	rBV2	885509	1749774	74.45%	9.266%
53	8.736	2375	2378	2382	rBV4	769	550	0.02%	0.003%
54	8.832	2405	2408	2412	rVB3	921	631	0.03%	0.003%
55	8.861	2412	2417	2419	rBV4	633	524	0.02%	0.003%
56	8.955	2441	2446	2448	rBV4	706	557	0.02%	0.003%
57	9.086	2473	2487	2509	rBV	1067313	1841803	78.36%	9.753%
58	9.257	2534	2540	2552	rVB2	7626	12161	0.52%	0.064%
59	9.379	2569	2578	2590	rBV3	14679	26326	1.12%	0.139%
60	9.504	2615	2617	2622	rVB2	812	541	0.02%	0.003%
61	9.578	2638	2640	2643	rVB2	766	485	0.02%	0.003%
62	9.607	2643	2649	2651	rBV3	648	614	0.03%	0.003%
63	9.781	2694	2703	2713	rBV5	8279	13020	0.55%	0.069%
64	9.906	2735	2742	2746	rBV3	759	993	0.04%	0.005%
65	9.929	2746	2749	2753	rVV2	709	582	0.02%	0.003%
66	9.961	2755	2759	2762	rVB3	1035	703	0.03%	0.004%
67	9.996	2768	2770	2775	rVB2	686	510	0.02%	0.003%
68	10.022	2775	2778	2782	rBV3	845	698	0.03%	0.004%
69	10.067	2789	2792	2798	rVB3	826	1005	0.04%	0.005%
70	10.157	2816	2820	2821	rBV2	840	547	0.02%	0.003%
71	10.273	2853	2856	2860	rVB2	762	495	0.02%	0.003%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ1

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\SOMULM052819WMA.M
Title : VOC Analysis

72	10.299	2860	2864	2867	rBV2	723	589	0.03%	0.003%
73	10.373	2876	2887	2890	rBV3	1027	1605	0.07%	0.008%
74	10.427	2891	2904	2929	rBV	881469	1433416	60.99%	7.591%
75	10.517	2929	2932	2939	rVB4	1623	1510	0.06%	0.008%
76	10.643	2968	2971	2973	rVB3	978	476	0.02%	0.003%
77	10.684	2977	2984	2989	rBV7	3759	5188	0.22%	0.027%
78	10.768	3006	3010	3011	rBV3	1201	830	0.04%	0.004%
79	10.932	3054	3061	3063	rBV2	627	641	0.03%	0.003%
80	10.974	3068	3074	3084	rVB6	1971	3317	0.14%	0.018%
81	11.074	3101	3105	3107	rBV2	924	479	0.02%	0.003%
82	11.148	3118	3128	3139	rBV2	7779	13196	0.56%	0.070%
83	11.250	3154	3160	3162	rBV2	808	771	0.03%	0.004%
84	11.283	3166	3170	3177	rBV3	1092	1316	0.06%	0.007%
85	11.331	3180	3185	3191	rBV3	512	573	0.02%	0.003%
86	11.360	3191	3194	3200	rBV2	967	831	0.04%	0.004%
87	11.479	3220	3231	3255	rBV	886502	1473644	62.70%	7.804%
88	11.855	3335	3348	3373	rBV	918354	1573453	66.94%	8.332%
89	12.212	3457	3459	3464	rVB4	1418	1086	0.05%	0.006%
90	12.244	3464	3469	3472	rBV6	898	1055	0.04%	0.006%
91	12.443	3528	3531	3535	rBV4	597	577	0.02%	0.003%
92	12.617	3579	3585	3586	rBV3	882	743	0.03%	0.004%
93	12.688	3604	3607	3609	rBV3	923	602	0.03%	0.003%
94	12.961	3690	3692	3701	rVB3	927	803	0.03%	0.004%
95	13.035	3711	3715	3719	rBV2	832	832	0.04%	0.004%
96	13.212	3767	3770	3773	rBV3	929	704	0.03%	0.004%
97	13.893	3979	3982	3985	rBV3	1055	814	0.03%	0.004%
98	14.411	4140	4143	4146	rBV3	1003	688	0.03%	0.004%
99	15.077	4347	4350	4353	rBV4	1406	1102	0.05%	0.006%
100	15.154	4370	4374	4377	rBV2	1418	1187	0.05%	0.006%

Sum of corrected areas: 18884265

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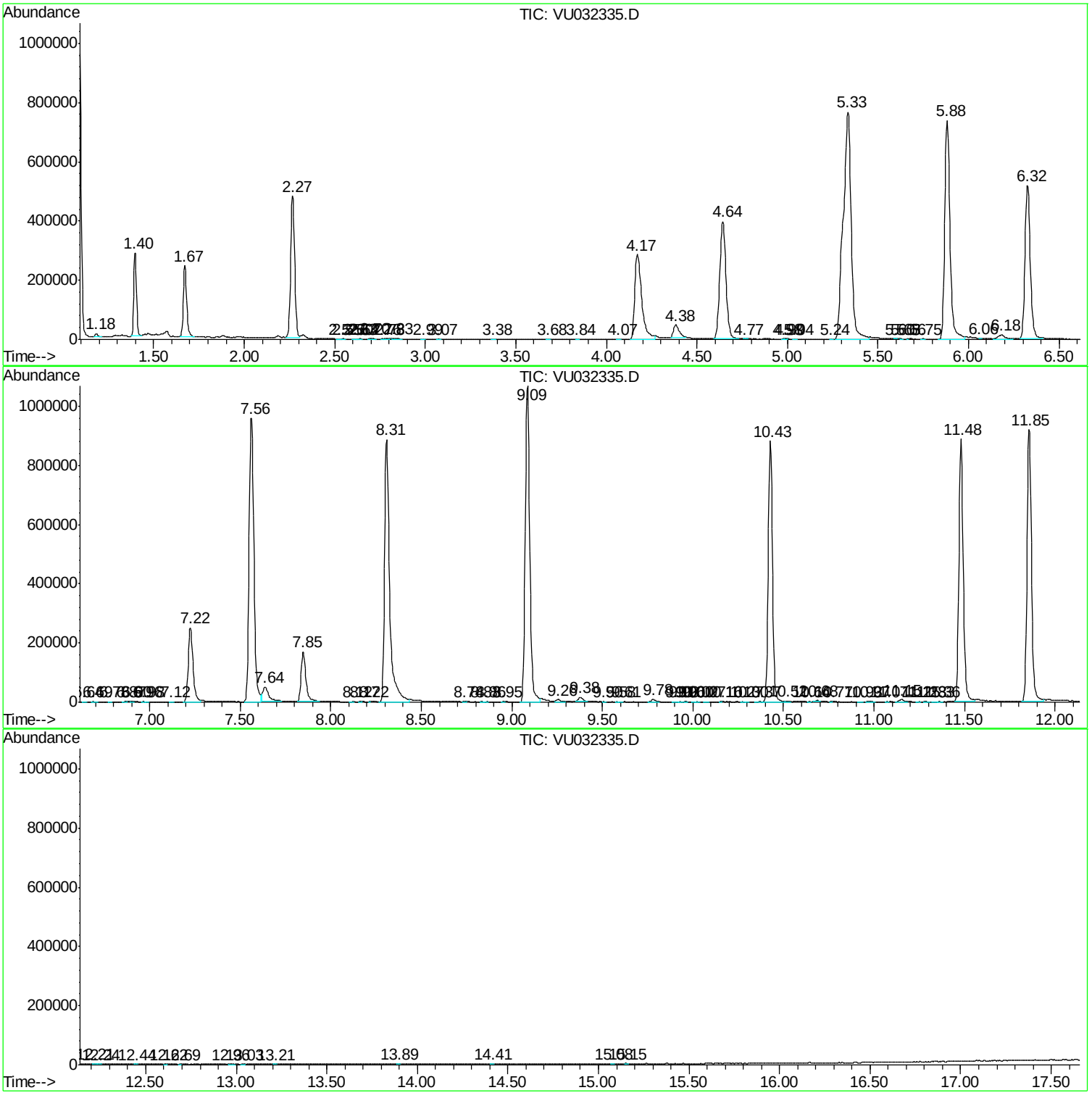
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
Data File : VU032335.D
Acq On : 28 May 2019 17:47
Operator : JC/SP
Sample : K3049-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis

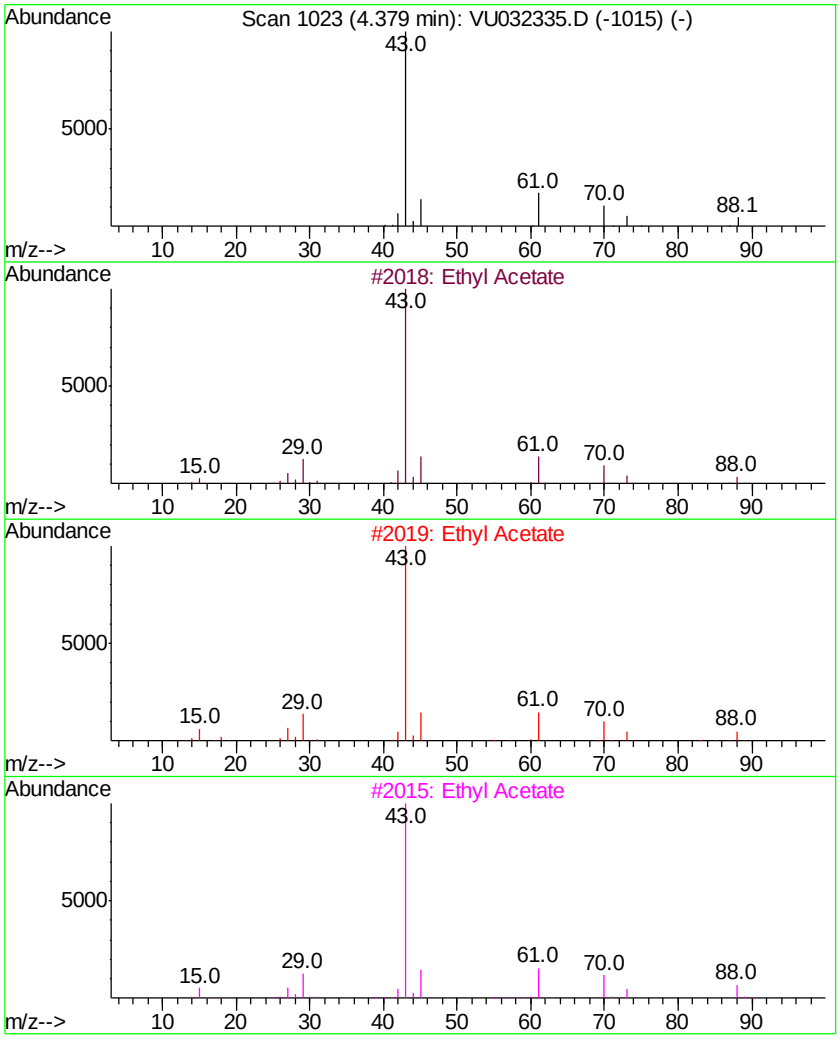
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

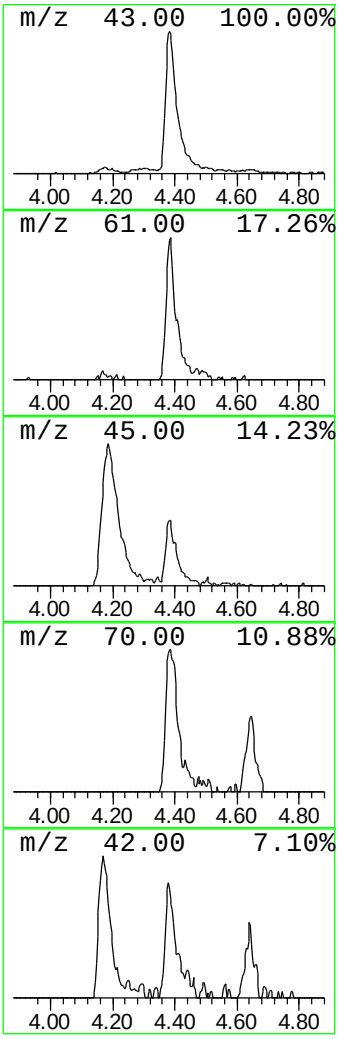
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.25 ug/L	97851	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36





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
Ethyl Acetate	4.38	3.3	ug/L	97851	1	5.88	1506920	50.0