LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
Data File : VU032338.D
Acq On : 28 May 2019 18:58
Operator : JC/SP
Sample : K2975-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHL0

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	1.180	25	28	34	rVB2	9471	8276	0.34%	0.042%
2	1.396	89	95	107	rBV	299621	315849	12.79%	1.614%
3	1.672	173	181	198	rVB	257924	335456	13.59%	1.714%
4	2.267	356	366	379	rBV	527128	794843	32.19%	4.062%
5	2.470	425	429	437	rVB5	1951	2665	0.11%	0.014%
6	2.682	490	495	497	rBV2	855	802	0.03%	0.004%
7	2.701	497	501	512	rVB4	1952	2454	0.10%	0.013%
8	2.778	518	525	530	rVB4	752	1032	0.04%	0.005%
9	2.807	530	534	535	rBV4	1147	956	0.04%	0.005%
10	3.273	677	679	684	rVB3	532	431	0.02%	0.002%
11	3.460	732	737	740	rBV	428	428	0.02%	0.002%
12	3.486	740	745	747	rVV3	669	527	0.02%	0.003%
13	3.521	752	756	760	rVV4	606	533	0.02%	0.003%
14	3.563	763	769	770	rVV3	479	492	0.02%	0.003%
15	3.585	774	776	779	rVV	747	521	0.02%	0.003%
16	3.932	879	884	887	rBV	433	433	0.02%	0.002%
17	4.068	921	926	929	rBV6	890	1012	0.04%	0.005%
18	4.174	946	959	993	rBV2	231338	630374	25.53%	3.221%
19	4.383	1015	1024	1045	rBV2	45949	106294	4.30%	0.543%
20	4.643	1087	1105	1125	rBV	423571	1004349	40.68%	5.132%
21	4.884	1175	1180	1181	rBV3	1446	1097	0.04%	0.006%
22	4.910	1187	1188	1195	rVB3	1590	854	0.03%	0.004%
23	4.952	1199	1201	1204	rVB	1118	615	0.02%	0.003%
24	4.981	1204	1210	1214	rBV4	1579	1885	0.08%	0.010%
25	5.161	1263	1266	1270	rBV3	561	526	0.02%	0.003%
26	5.334	1297	1320	1341	rBV2	833236	2469164	100.00%	12.618%
27	5.582	1393	1397	1400	rVB2	704	476	0.02%	0.002%
28	5.666	1420	1423	1424	rBV	1127	572	0.02%	0.003%
29	5.711	1433	1437	1439	rBV3	713	562	0.02%	0.003%
30	5.743	1443	1447	1452	rBV5	813	861	0.03%	0.004%
31	5.804	1463	1466	1470	rVB4	768	490	0.02%	0.003%
32	5.881	1472	1490	1538	rBV	811952	1661314	67.28%	8.490%
33	6.100	1555	1558	1563	rBV3	1026	841	0.03%	0.004%
34	6.177	1571	1582	1594	rBV5	12254	26240	1.06%	0.134%

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Instrument : MSVOA_U
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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

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Peak separation: 5

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

35	6.244	1600	1603	1605	rBV3	770	555	0.02%	0.003%
36	6.325	1615	1628	1654	rBV	549498	1105337	44.77%	5.649%
37	6.453	1665	1668	1673	rBV7	1555	1215	0.05%	0.006%
38	6.547	1694	1697	1702	rVB4	915	812	0.03%	0.004%
39	6.572	1702	1705	1708	rBV3	738	638	0.03%	0.003%
40	6.611	1713	1717	1723	rVV5	1201	1105	0.04%	0.006%
41	6.637	1723	1725	1730	rVB5	1312	976	0.04%	0.005%
42	6.665	1730	1734	1738	rVB4	852	720	0.03%	0.004%
43	6.714	1743	1749	1753	rBV4	533	602	0.02%	0.003%
44	6.878	1790	1800	1806	rBV8	1716	2957	0.12%	0.015%
45	7.016	1838	1843	1845	rBV3	633	628	0.03%	0.003%
46	7.083	1861	1864	1871	rVB2	944	699	0.03%	0.004%
47	7.154	1882	1886	1888	rBV2	729	511	0.02%	0.003%
48	7.225	1894	1908	1931	rBV2	267282	493260	19.98%	2.521%
49	7.418	1963	1968	1974	rBV6	1030	1398	0.06%	0.007%
50	7.463	1980	1982	1984	rBV3	1168	682	0.03%	0.003%
51	7.563	1999	2013	2038	rBV	1073964	1907223	77.24%	9.746%
52	7.846	2091	2101	2128	rBV	187492	338065	13.69%	1.728%
53	8.058	2162	2167	2170	rBV4	734	802	0.03%	0.004%
54	8.093	2175	2178	2183	rVB5	699	579	0.02%	0.003%
55	8.116	2183	2185	2191	rBV3	736	628	0.03%	0.003%
56	8.170	2197	2202	2207	rBV5	1972	2094	0.08%	0.011%
57	8.231	2219	2221	2224	rBV2	886	616	0.02%	0.003%
58	8.309	2234	2245	2282	rBV2	681720	1357263	54.97%	6.936%
59	8.469	2289	2295	2313	rVB5	17482	35679	1.44%	0.182%
60	8.784	2391	2393	2398	rVB3	722	545	0.02%	0.003%
61	8.823	2401	2405	2409	rBV4	566	516	0.02%	0.003%
62	8.849	2409	2413	2418	rBV6	957	825	0.03%	0.004%
63	8.881	2418	2423	2426	rBV3	814	846	0.03%	0.004%
64	9.087	2469	2487	2514	rBV	1213130	2060466	83.45%	10.529%
65	9.386	2577	2580	2583	rVB2	742	471	0.02%	0.002%
66	9.521	2616	2622	2623	rBV3	712	512	0.02%	0.003%
67	9.556	2629	2633	2636	rBV3	1699	1537	0.06%	0.008%
68	9.601	2645	2647	2651	rVB2	908	498	0.02%	0.003%
69	9.640	2657	2659	2665	rBV3	523	539	0.02%	0.003%
70	9.672	2665	2669	2674	rBV4	531	556	0.02%	0.003%
71	9.704	2677	2679	2685	rVB	626	535	0.02%	0.003%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHL0

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	9.736	2685	2689	2692	rBV3	774	565	0.02%	0.003%
73	9.829	2716	2718	2721	rVB3	1032	592	0.02%	0.003%
74	9.858	2721	2727	2729	rBV3	756	745	0.03%	0.004%
75	9.926	2743	2748	2751	rVV4	869	787	0.03%	0.004%
76	10.151	2815	2818	2821	rVV2	781	422	0.02%	0.002%
77	10.427	2891	2904	2926	rBV	852636	1389299	56.27%	7.100%
78	10.652	2971	2974	2976	rBV2	645	443	0.02%	0.002%
79	10.697	2986	2988	2992	rVB	899	435	0.02%	0.002%
80	10.723	2993	2996	2998	rBV2	971	493	0.02%	0.003%
81	10.768	3007	3010	3014	rVB2	744	460	0.02%	0.002%
82	11.315	3177	3180	3183	rBV3	705	502	0.02%	0.003%
83	11.379	3197	3200	3203	rBV3	885	651	0.03%	0.003%
84	11.482	3219	3232	3259	rBV	1034575	1709573	69.24%	8.736%
85	11.855	3335	3348	3378	rBV	1023566	1756423	71.13%	8.976%
86	12.234	3463	3466	3468	rBV3	1275	867	0.04%	0.004%
87	12.263	3473	3475	3479	rVV4	808	557	0.02%	0.003%
88	12.447	3529	3532	3534	rBV4	772	573	0.02%	0.003%
89	12.723	3616	3618	3623	rVB3	822	527	0.02%	0.003%
90	12.826	3647	3650	3654	rVB3	1053	889	0.04%	0.005%
91	12.855	3654	3659	3662	rBV2	732	683	0.03%	0.003%
92	12.961	3688	3692	3693	rBV3	670	535	0.02%	0.003%
93	13.193	3762	3764	3767	rBV	847	427	0.02%	0.002%
94	13.286	3791	3793	3799	rBV2	809	633	0.03%	0.003%
95	13.447	3840	3843	3846	rVB2	983	550	0.02%	0.003%
96	13.935	3992	3995	4002	rBV5	1122	1194	0.05%	0.006%
97	14.061	4029	4034	4035	rBV3	1006	916	0.04%	0.005%
98	14.424	4145	4147	4151	rBV	1145	844	0.03%	0.004%
99	15.250	4401	4404	4406	rBV2	1605	1033	0.04%	0.005%
100	15.414	4453	4455	4458	rBV2	1125	829	0.03%	0.004%

Sum of corrected areas: 19568561

LSC Report - Integrated Chromatogram

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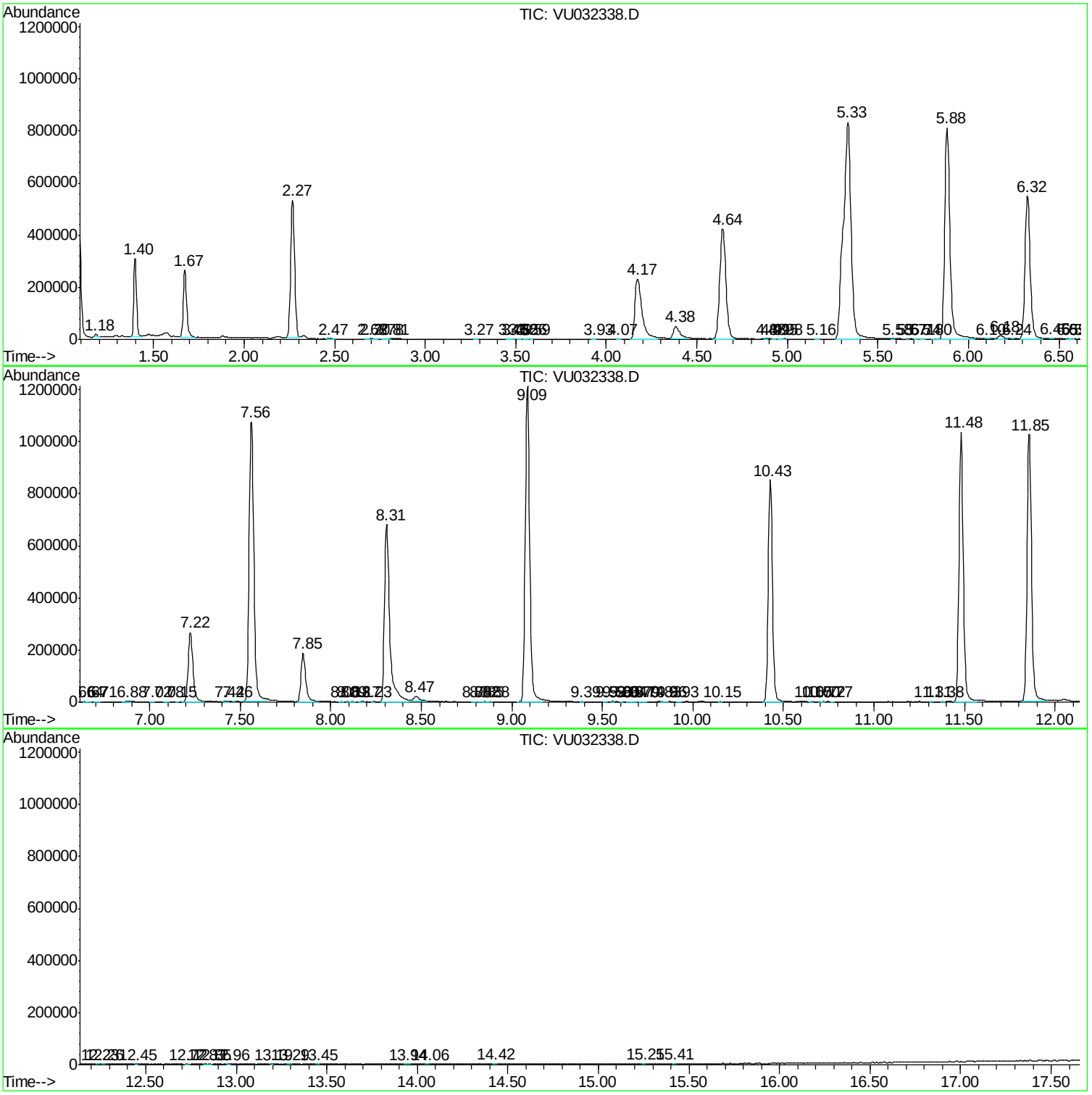
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHL0

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 : VU032338.D
Acq On : 28 May 2019 18:58
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHL0

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

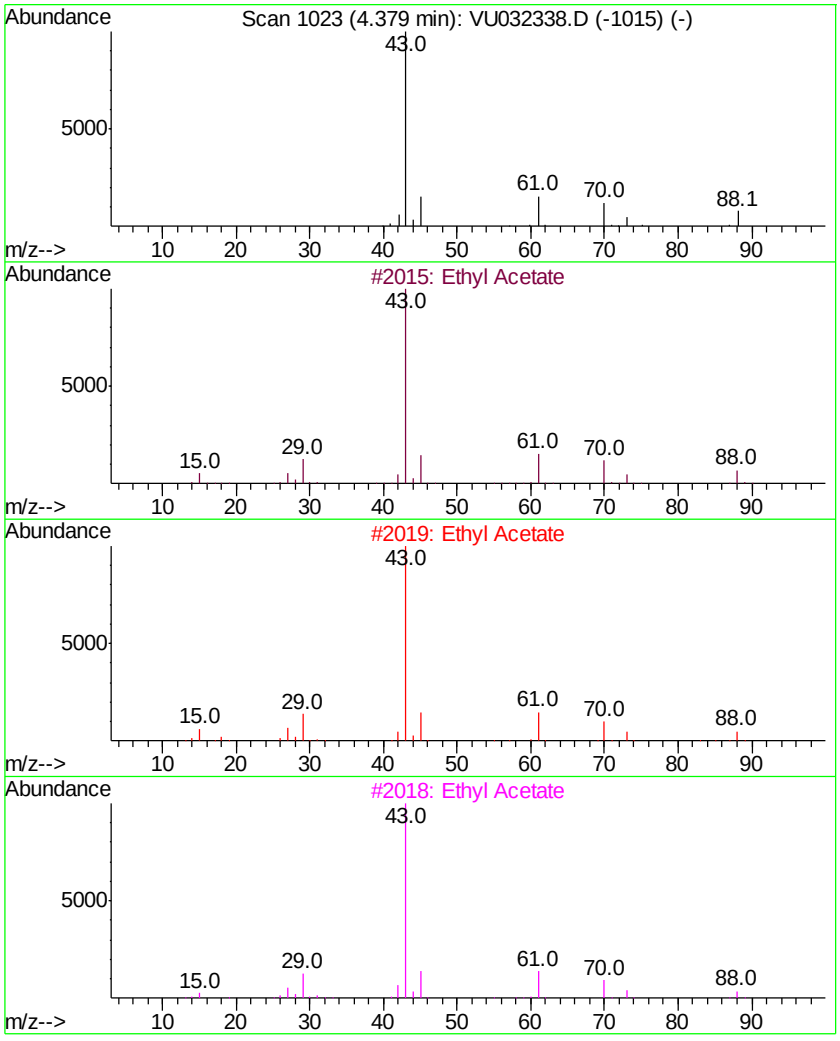
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

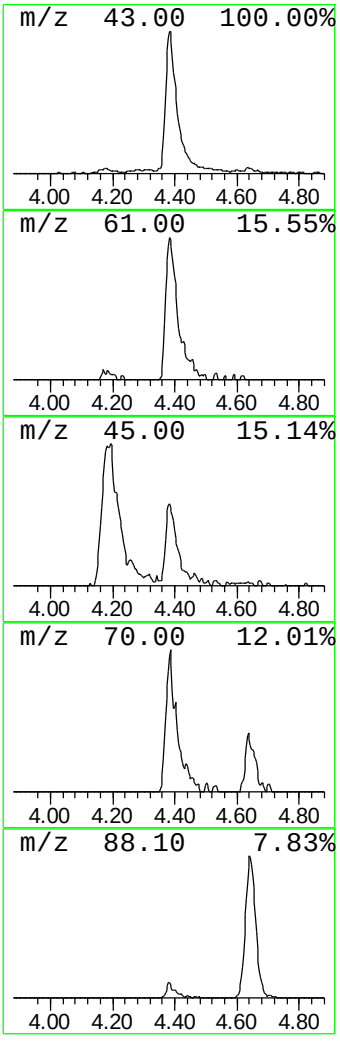
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.20 ug/L	106294	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	78
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
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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	3.2	ug/L	106294	1	5.88	1661310	50.0