LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
Data File : VU032337.D
Acq On : 28 May 2019 18:34
Operator : JC/SP
Sample : K2975-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG7

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	26	29	35	rVB3	12297	9616	0.38%	0.048%
2	1.395	88	95	106	rBV	298554	314881	12.48%	1.568%
3	1.672	173	181	202	rVB	257060	340644	13.50%	1.696%
4	2.267	356	366	378	rBV	539078	803865	31.86%	4.002%
5	2.321	379	383	394	rVB3	21202	31796	1.26%	0.158%
6	2.424	413	415	418	rBV2	791	566	0.02%	0.003%
7	2.444	418	421	422	rBV2	965	559	0.02%	0.003%
8	2.688	494	497	498	rBV2	1126	673	0.03%	0.003%
9	2.833	530	542	556	rBV2	10616	21266	0.84%	0.106%
10	2.900	560	563	568	rVB3	861	490	0.02%	0.002%
11	3.119	628	631	635	rBV	715	535	0.02%	0.003%
12	3.173	644	648	650	rVV2	608	503	0.02%	0.003%
13	3.190	650	653	657	rVB3	845	500	0.02%	0.002%
14	3.280	679	681	689	rVB2	858	998	0.04%	0.005%
15	3.386	710	714	718	rVB4	807	665	0.03%	0.003%
16	3.415	718	723	725	rBV3	862	627	0.02%	0.003%
17	3.743	823	825	830	rVB2	534	407	0.02%	0.002%
18	4.029	907	914	922	rBV4	1395	1953	0.08%	0.010%
19	4.064	922	925	927	rBV2	779	477	0.02%	0.002%
20	4.116	937	941	943	rBV	624	437	0.02%	0.002%
21	4.170	945	958	995	rBV	231668	649559	25.74%	3.234%
22	4.376	1012	1022	1042	rBV2	156175	359059	14.23%	1.788%
23	4.640	1089	1104	1129	rBV	423727	998681	39.58%	4.972%
24	4.826	1160	1162	1168	rVB4	725	433	0.02%	0.002%
25	4.878	1174	1178	1179	rBV4	935	676	0.03%	0.003%
26	4.926	1191	1193	1200	rVB6	1058	947	0.04%	0.005%
27	5.074	1236	1239	1242	rBV2	581	470	0.02%	0.002%
28	5.125	1252	1255	1258	rVV2	955	746	0.03%	0.004%
29	5.209	1276	1281	1282	rBV2	723	486	0.02%	0.002%
30	5.334	1296	1320	1355	rBV2	841818	2523503	100.00%	12.564%
31	5.765	1450	1454	1456	rVB3	595	428	0.02%	0.002%
32	5.781	1456	1459	1463	rBV3	834	527	0.02%	0.003%
33	5.881	1476	1490	1509	rBV	821169	1637772	64.90%	8.154%
34	6.177	1570	1582	1596	rBV4	14151	31698	1.26%	0.158%

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG7

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	6.324	1614	1628	1657	rBV	563383	1131941	44.86%	5.636%
36	6.601	1711	1714	1718	rVB4	1092	712	0.03%	0.004%
37	6.636	1722	1725	1732	rVB4	870	955	0.04%	0.005%
38	6.668	1732	1735	1738	rBV3	847	564	0.02%	0.003%
39	6.723	1749	1752	1757	rVB3	894	794	0.03%	0.004%
40	6.778	1766	1769	1773	rBV2	888	710	0.03%	0.004%
41	6.807	1773	1778	1782	rVB4	749	688	0.03%	0.003%
42	6.845	1787	1790	1793	rBV3	911	642	0.03%	0.003%
43	6.877	1793	1800	1802	rBV3	1663	1962	0.08%	0.010%
44	6.922	1811	1814	1818	rBV3	590	427	0.02%	0.002%
45	7.225	1896	1908	1938	rBV	277298	515236	20.42%	2.565%
46	7.469	1982	1984	1987	rBV2	1034	546	0.02%	0.003%
47	7.562	1997	2013	2034	rBV	1086470	1964867	77.86%	9.783%
48	7.781	2079	2081	2087	rVB3	1194	880	0.03%	0.004%
49	7.845	2090	2101	2125	rBV	188316	341026	13.51%	1.698%
50	8.045	2160	2163	2165	rBV3	914	562	0.02%	0.003%
51	8.096	2175	2179	2180	rBV3	640	449	0.02%	0.002%
52	8.164	2195	2200	2202	rBV3	1240	1080	0.04%	0.005%
53	8.221	2216	2218	2219	rBV	1262	630	0.02%	0.003%
54	8.308	2234	2245	2276	rBV2	687666	1365990	54.13%	6.801%
55	8.662	2351	2355	2360	rVB5	1273	931	0.04%	0.005%
56	8.749	2379	2382	2388	rVB5	1332	1201	0.05%	0.006%
57	8.784	2390	2393	2397	rVB2	933	633	0.03%	0.003%
58	8.816	2400	2403	2406	rBV3	615	440	0.02%	0.002%
59	8.929	2435	2438	2441	rVB4	1174	800	0.03%	0.004%
60	8.951	2441	2445	2448	rBV3	822	741	0.03%	0.004%
61	8.971	2448	2451	2454	rBV3	553	504	0.02%	0.003%
62	9.035	2465	2471	2474	rBV3	1013	1407	0.06%	0.007%
63	9.086	2474	2487	2514	rBV	1195439	2057300	81.53%	10.243%
64	9.366	2569	2574	2576	rBV6	880	860	0.03%	0.004%
65	9.482	2607	2610	2613	rBV2	800	531	0.02%	0.003%
66	9.504	2613	2617	2620	rVB2	1087	699	0.03%	0.003%
67	9.662	2664	2666	2670	rBV3	640	494	0.02%	0.002%
68	9.951	2753	2756	2758	rBV	633	420	0.02%	0.002%
69	10.051	2783	2787	2791	rBV4	899	1043	0.04%	0.005%
70	10.093	2797	2800	2802	rBV2	736	458	0.02%	0.002%
71	10.157	2818	2820	2822	rBV2	736	421	0.02%	0.002%

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG7

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	10.173	2823	2825	2829	rVB3	964	487	0.02%	0.002%
73	10.337	2871	2876	2881	rVB2	740	770	0.03%	0.004%
74	10.427	2890	2904	2926	rBV	868130	1395506	55.30%	6.948%
75	10.582	2949	2952	2955	rVV2	1159	986	0.04%	0.005%
76	10.607	2957	2960	2966	rVB6	1886	2019	0.08%	0.010%
77	11.028	3086	3091	3096	rVB2	692	636	0.03%	0.003%
78	11.090	3097	3110	3113	rBV5	1673	2823	0.11%	0.014%
79	11.215	3147	3149	3154	rBV3	557	457	0.02%	0.002%
80	11.279	3166	3169	3174	rVB3	852	583	0.02%	0.003%
81	11.389	3197	3203	3204	rBV2	895	752	0.03%	0.004%
82	11.482	3219	3232	3256	rBV	1030700	1725546	68.38%	8.591%
83	11.758	3308	3318	3329	rBV6	13065	29978	1.19%	0.149%
84	11.855	3336	3348	3369	rBV	1047077	1774899	70.33%	8.837%
85	12.440	3526	3530	3536	rVB6	1216	1143	0.05%	0.006%
86	12.482	3539	3543	3546	rVB4	1766	1319	0.05%	0.007%
87	12.530	3553	3558	3561	rBV3	991	1167	0.05%	0.006%
88	12.736	3620	3622	3625	rVB2	1006	470	0.02%	0.002%
89	12.823	3646	3649	3651	rBV4	888	656	0.03%	0.003%
90	12.864	3658	3662	3665	rBV3	616	542	0.02%	0.003%
91	13.286	3790	3793	3798	rVB3	1282	999	0.04%	0.005%
92	13.340	3805	3810	3813	rBV2	1247	1054	0.04%	0.005%
93	13.372	3813	3820	3821	rBV2	1359	1449	0.06%	0.007%
94	13.408	3829	3831	3835	rVB3	781	496	0.02%	0.002%
95	13.430	3836	3838	3841	rBV2	909	563	0.02%	0.003%
96	13.495	3854	3858	3860	rBV3	976	745	0.03%	0.004%
97	13.511	3860	3863	3865	rBV	946	636	0.03%	0.003%
98	14.842	4274	4277	4279	rBV3	1213	673	0.03%	0.003%
99	14.999	4323	4326	4327	rBV2	1402	713	0.03%	0.004%
100	15.028	4333	4335	4337	rBV2	1219	766	0.03%	0.004%

Sum of corrected areas: 20084820

LSC Report - Integrated Chromatogram

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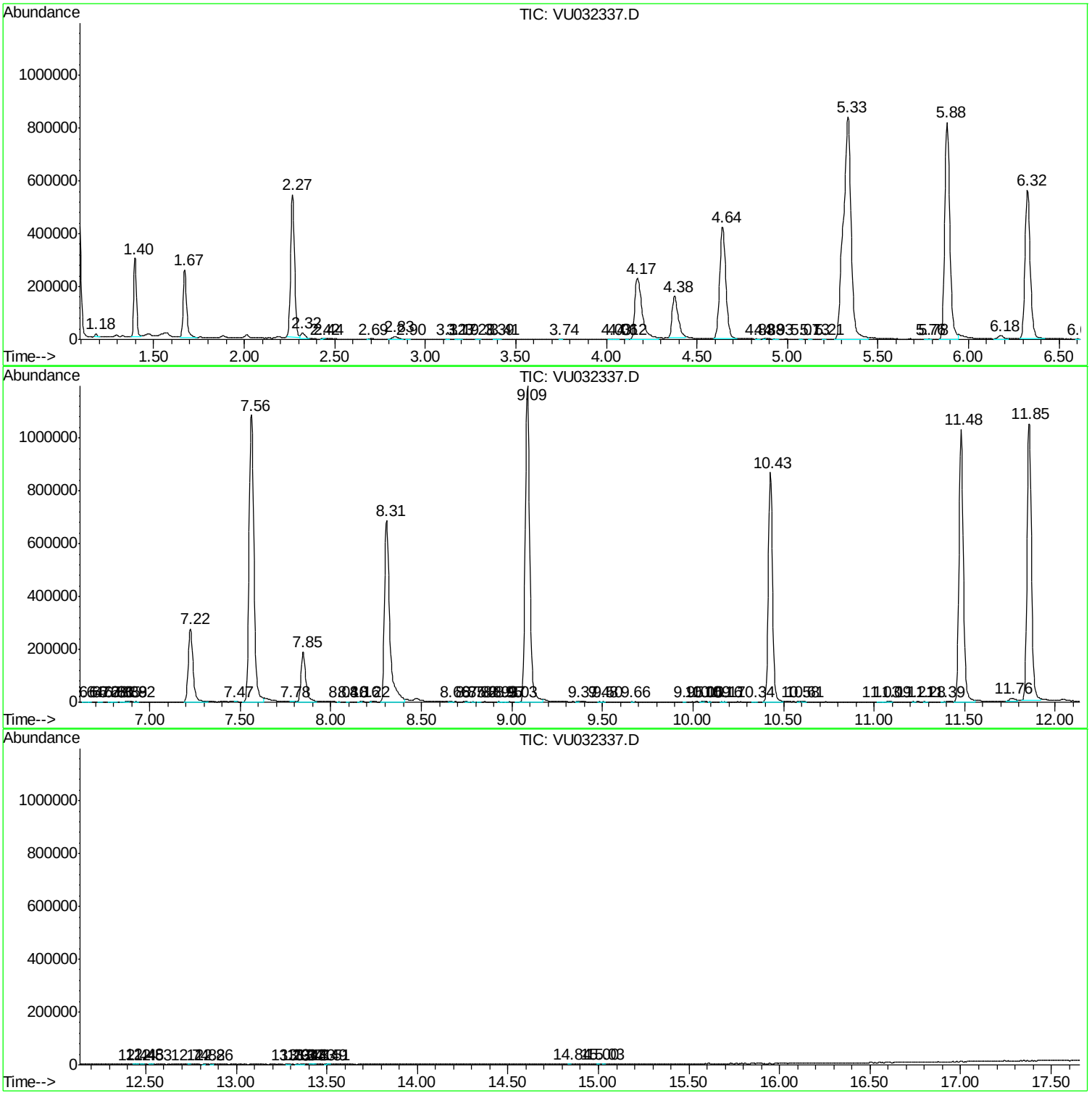
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHG7

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 : VU032337.D
Acq On : 28 May 2019 18:34
Operator : JC/SP
Sample : K2975-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG7

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

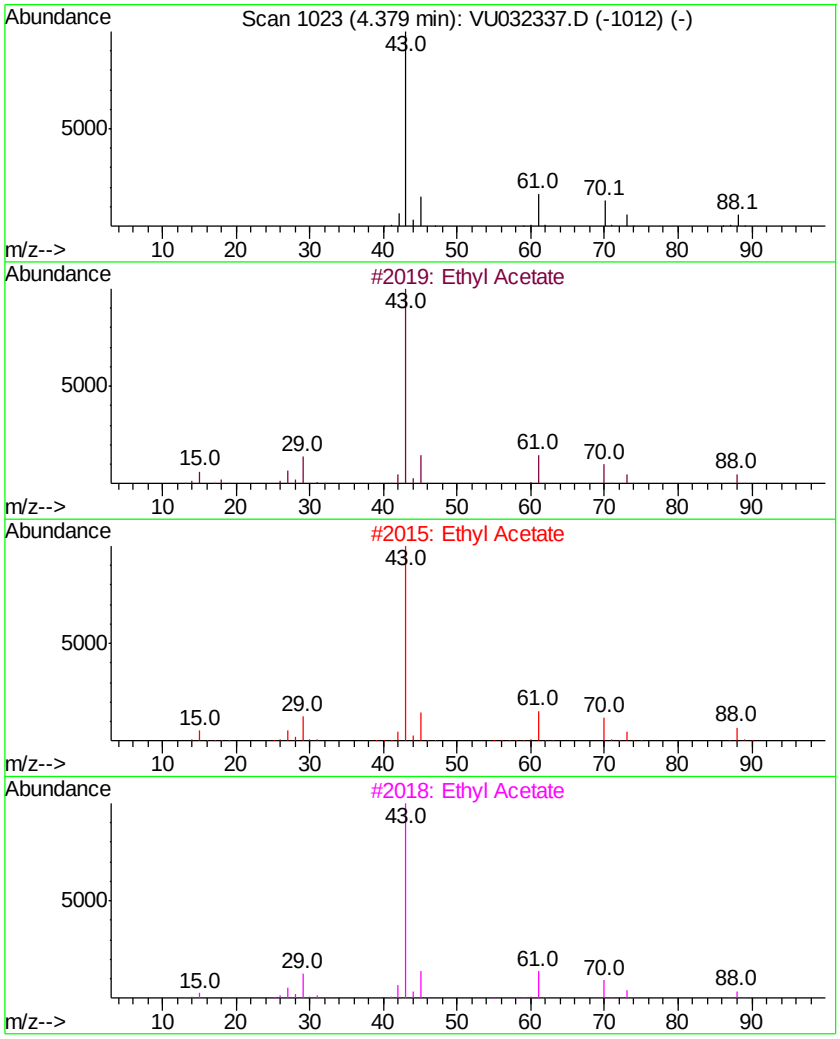
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

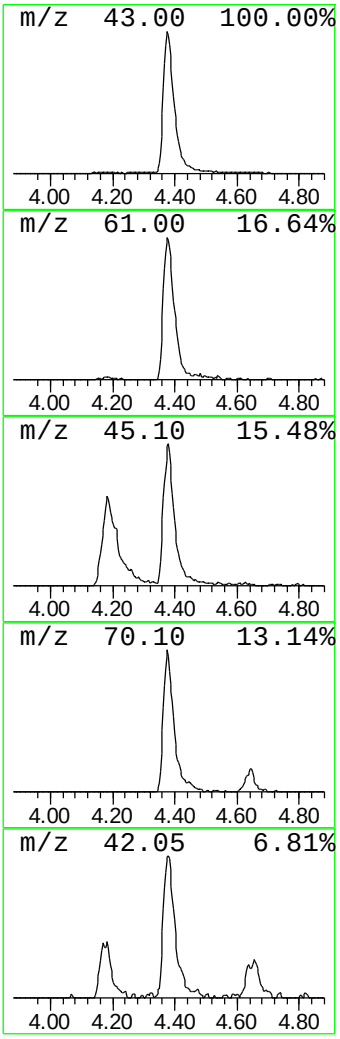
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	10.96 ug/L	359059	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	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9





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	11.0	ug/L	359059	1	5.88	1637770	50.0