LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
Data File : VU030234.D
Acq On : 20 Mar 2019 19:46
Operator : JC/SP
Sample : K1967-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0967

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\SOMULM031919WMA.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	35	rVB3	11676	11133	0.01%	0.004%
2	1.399	89	96	109	rBV	239800	236669	0.24%	0.080%
3	1.679	175	183	197	rBV	179010	228259	0.23%	0.078%
4	2.270	357	367	379	rBV	393393	594119	0.60%	0.202%
5	2.444	413	421	435	rBV2	17564	31397	0.03%	0.011%
6	2.559	454	457	459	rBV	1246	835	0.00%	0.000%
7	2.621	473	476	477	rBV	1172	746	0.00%	0.000%
8	2.704	495	502	511	rVB6	2594	4234	0.00%	0.001%
9	2.752	512	517	520	rBV	1216	1303	0.00%	0.000%
10	2.897	557	562	570	rBV	1612	2077	0.00%	0.001%
11	2.997	588	593	596	rBV	2709	3232	0.00%	0.001%
12	3.080	614	619	621	rBV2	767	749	0.00%	0.000%
13	3.122	630	632	635	rBV	1234	885	0.00%	0.000%
14	3.248	667	671	675	rBV2	809	914	0.00%	0.000%
15	3.270	675	678	681	rVV	1507	1061	0.00%	0.000%
16	3.325	691	695	697	rBV	1227	994	0.00%	0.000%
17	3.376	705	711	717	rBV	966	1112	0.00%	0.000%
18	3.466	736	739	741	rBV	1148	774	0.00%	0.000%
19	3.598	776	780	781	rBV	1237	763	0.00%	0.000%
20	3.791	833	840	845	rBV	878	1125	0.00%	0.000%
21	3.965	888	894	900	rBV2	1587	1937	0.00%	0.001%
22	4.096	930	935	944	rVB5	4154	7001	0.01%	0.002%
23	4.174	947	959	988	rBV	162826	431936	0.44%	0.147%
24	4.386	1016	1025	1051	rVB	24459	60607	0.06%	0.021%
25	4.553	1074	1077	1080	rBV	1173	754	0.00%	0.000%
26	4.656	1089	1109	1136	rBV4	382386	1291952	1.31%	0.439%
27	4.903	1182	1186	1189	rBV2	1041	868	0.00%	0.000%
28	4.974	1200	1208	1209	rBV3	2763	2507	0.00%	0.001%
29	5.132	1243	1257	1271	rBV4	26049	59247	0.06%	0.020%
30	5.341	1297	1322	1324	rBV2	620286	1424994	1.44%	0.485%
31	5.389	1326	1337	1383	rVB	7449846	15943276	16.13%	5.422%
32	5.884	1478	1491	1527	rVB	588131	1174483	1.19%	0.399%
33	6.145	1568	1572	1577	rVB	1164	1016	0.00%	0.000%
34	6.186	1577	1585	1588	rBV4	4508	6300	0.01%	0.002%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Title : VOC Analysis

35	6.247	1601	1604	1607	rBV2	1064	728	0.00%	0.000%
36	6.328	1615	1629	1649	rBV	382277	774162	0.78%	0.263%
37	6.556	1697	1700	1703	rBV	1375	817	0.00%	0.000%
38	6.646	1725	1728	1732	rVB	1195	956	0.00%	0.000%
39	6.755	1757	1762	1764	rBV2	2014	1850	0.00%	0.001%
40	6.910	1806	1810	1817	rVB	1386	1867	0.00%	0.001%
41	6.939	1817	1819	1823	rVB	1219	783	0.00%	0.000%
42	7.103	1867	1870	1873	rBV2	970	772	0.00%	0.000%
43	7.170	1886	1891	1894	rVB	924	941	0.00%	0.000%
44	7.225	1894	1908	1935	rBV	216978	405977	0.41%	0.138%
45	7.563	2000	2013	2036	rBV	807114	1433875	1.45%	0.488%
46	7.736	2063	2067	2068	rBV2	1161	741	0.00%	0.000%
47	7.849	2091	2102	2122	rVV	152394	268275	0.27%	0.091%
48	7.993	2143	2147	2148	rBV2	1064	751	0.00%	0.000%
49	8.022	2153	2156	2159	rVV	1247	736	0.00%	0.000%
50	8.071	2166	2171	2175	rVB2	1272	1415	0.00%	0.000%
51	8.122	2183	2187	2191	rVV2	908	865	0.00%	0.000%
52	8.173	2194	2203	2212	rBV4	6149	11846	0.01%	0.004%
53	8.225	2212	2219	2229	rVB4	7260	12005	0.01%	0.004%
54	8.308	2234	2245	2279	rBV	557716	1006595	1.02%	0.342%
55	8.743	2373	2380	2383	rBV2	1045	1144	0.00%	0.000%
56	8.820	2400	2404	2406	rBV	1349	979	0.00%	0.000%
57	8.903	2426	2430	2435	rVB	1679	1618	0.00%	0.001%
58	8.929	2435	2438	2441	rBV2	1140	978	0.00%	0.000%
59	8.952	2442	2445	2451	rVB	1418	1177	0.00%	0.000%
60	8.984	2451	2455	2459	rVB	941	792	0.00%	0.000%
61	9.032	2465	2470	2472	rBV	1558	1119	0.00%	0.000%
62	9.119	2475	2497	2550	rVV	25042349	42576856	43.09%	14.479%
63	9.427	2590	2593	2595	rBV	1684	1054	0.00%	0.000%
64	9.495	2611	2614	2621	rVB	2040	2241	0.00%	0.001%
65	9.559	2631	2634	2640	rVV	1548	1414	0.00%	0.000%
66	9.604	2645	2648	2654	rBV2	1701	1635	0.00%	0.001%
67	9.704	2674	2679	2685	rVB	1722	2764	0.00%	0.001%
68	9.746	2685	2692	2695	rBV2	2110	2499	0.00%	0.001%
69	9.826	2714	2717	2721	rVB2	1551	1232	0.00%	0.000%
70	9.852	2721	2725	2728	rBV	1568	1662	0.00%	0.001%
71	9.948	2751	2755	2757	rBV2	2717	2140	0.00%	0.001%

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Instrument : MSVOA_U
ClientSampleId : C0967

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Title : VOC Analysis

72	10.083	2793	2797	2800	rBV	1463	1319	0.00%	0.000%
73	10.164	2819	2822	2826	rVB2	1347	907	0.00%	0.000%
74	10.196	2826	2832	2835	rBV2	2072	2391	0.00%	0.001%
75	10.382	2887	2890	2892	rBV	1245	908	0.00%	0.000%
76	10.427	2892	2904	2930	rVV	616789	1040956	1.05%	0.354%
77	10.604	2950	2959	2967	rBV6	6614	11549	0.01%	0.004%
78	10.659	2968	2976	2990	rVB3	11900	20587	0.02%	0.007%
79	10.714	2990	2993	2996	rBV2	846	756	0.00%	0.000%
80	10.778	3005	3013	3020	rBV3	6559	8937	0.01%	0.003%
81	10.861	3035	3039	3042	rVV	1575	1465	0.00%	0.000%
82	10.910	3051	3054	3056	rBV	1163	787	0.00%	0.000%
83	10.922	3056	3058	3063	rVB2	1579	1088	0.00%	0.000%
84	11.241	3151	3157	3160	rVB	1388	1398	0.00%	0.000%
85	11.414	3190	3211	3224	rBV	12000140	18813572	19.04%	6.398%
86	11.514	3224	3242	3269	rVB2	49745840	83507131	84.51%	28.398%
87	11.887	3338	3358	3386	rBV3	56747305	98814684	100.00%	33.604%
88	12.633	3580	3590	3606	rVB2	66770	112988	0.11%	0.038%
89	12.816	3635	3647	3650	rBV4	12527	20791	0.02%	0.007%
90	12.858	3651	3660	3681	rVB	190749	331269	0.34%	0.113%
91	12.984	3691	3699	3713	rVB2	40837	68734	0.07%	0.023%
92	13.315	3796	3802	3814	rBV7	5413	10969	0.01%	0.004%
93	13.430	3835	3838	3841	rBV	1497	901	0.00%	0.000%
94	13.501	3845	3860	3893	rBV	10293426	15853026	16.04%	5.391%
95	13.742	3930	3935	3944	rVB3	5653	8817	0.01%	0.003%
96	13.983	3996	4010	4038	rVV	4514674	7033713	7.12%	2.392%
97	14.389	4127	4136	4150	rBV5	19816	45075	0.05%	0.015%
98	15.073	4335	4349	4364	rVB2	40859	80561	0.08%	0.027%
99	15.372	4439	4442	4446	rBV2	1791	1541	0.00%	0.001%
100	15.649	4517	4528	4551	rBV2	102790	204578	0.21%	0.070%

Sum of corrected areas: 294057918

LSC Report - Integrated Chromatogram

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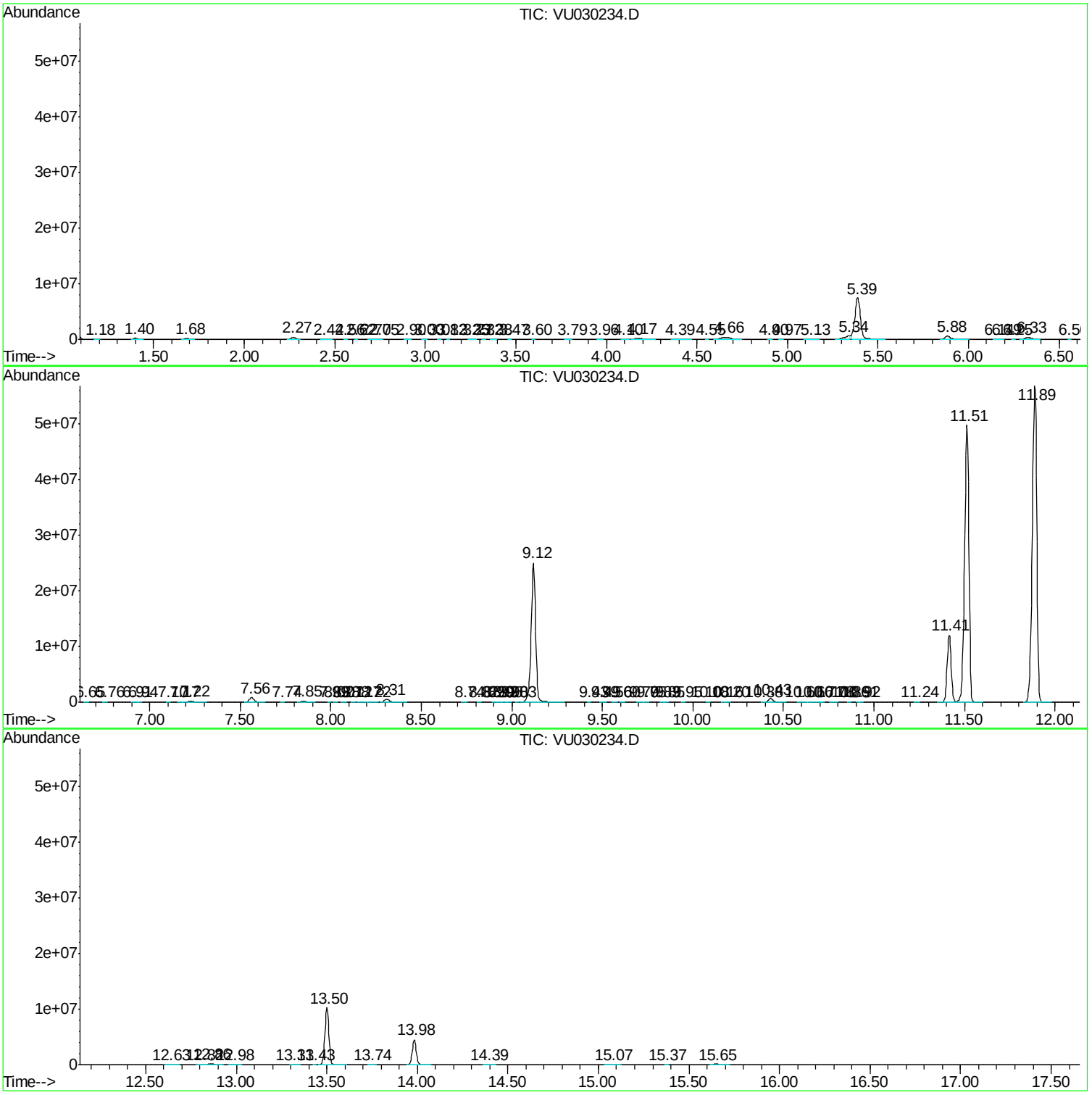
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0967

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.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\VU032019\
Data File : VU030234.D
Acq On : 20 Mar 2019 19:46
Operator : JC/SP
Sample : K1967-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0967

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

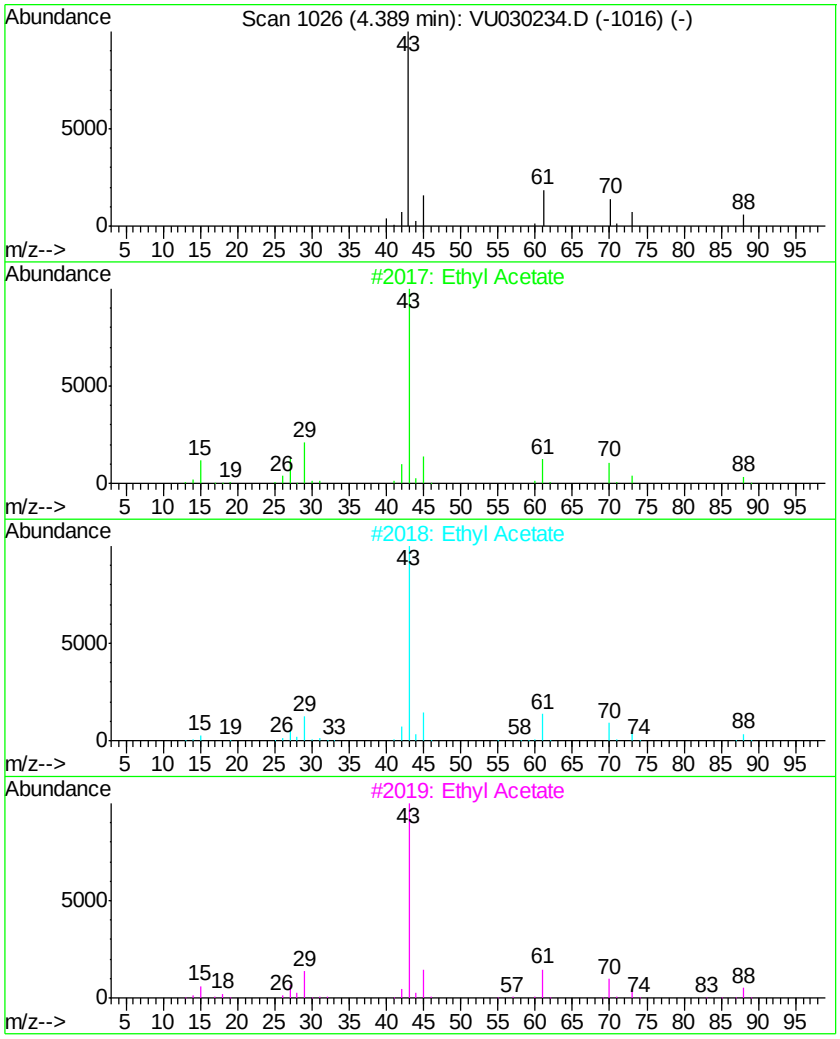
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

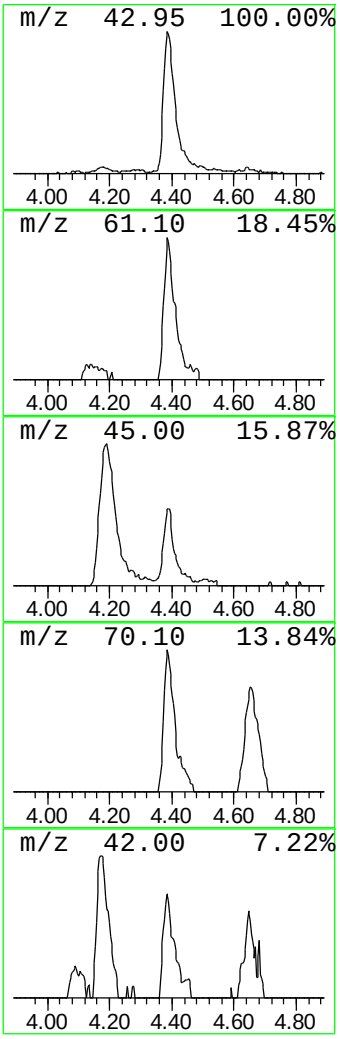
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.58 ug/L	60607	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	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	64





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	4.39	2.6	ug/L	60607	1	5.88	1174480	50.0