LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
Data File : VU030316.D
Acq On : 22 Mar 2019 18:20
Operator : JC/SP
Sample : K2016-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09J2

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	36	rVB2	9510	8821	0.59%	0.069%
2	1.399	90	96	110	rVB	192496	191231	12.69%	1.492%
3	1.682	177	184	204	rVB	155136	203239	13.48%	1.585%
4	2.273	357	368	378	rBV	329160	500427	33.20%	3.904%
5	2.447	414	422	433	rBV	16795	28216	1.87%	0.220%
6	2.739	510	513	516	rBV	1251	714	0.05%	0.006%
7	2.810	532	535	537	rBV	1306	1008	0.07%	0.008%
8	2.907	562	565	569	rBV	1487	1240	0.08%	0.010%
9	2.974	582	586	591	rBV	1517	1464	0.10%	0.011%
10	3.013	596	598	602	rVB	1240	765	0.05%	0.006%
11	3.145	637	639	642	rVB	944	485	0.03%	0.004%
12	3.235	663	667	670	rBV	1396	1289	0.09%	0.010%
13	3.411	719	722	725	rBV	1775	1420	0.09%	0.011%
14	3.662	795	800	806	rBV	1462	2137	0.14%	0.017%
15	3.691	806	809	810	rBV	1064	521	0.03%	0.004%
16	4.177	948	960	982	rBV	157449	402893	26.73%	3.143%
17	4.386	1015	1025	1048	rBV2	32097	78866	5.23%	0.615%
18	4.646	1091	1106	1129	rBV2	254845	610004	40.47%	4.758%
19	4.810	1154	1157	1161	rBV2	1393	1235	0.08%	0.010%
20	5.054	1231	1233	1241	rVB	938	766	0.05%	0.006%
21	5.154	1261	1264	1269	rVB3	1224	1327	0.09%	0.010%
22	5.183	1269	1273	1275	rBV	1400	1063	0.07%	0.008%
23	5.228	1282	1287	1291	rBV2	1304	1384	0.09%	0.011%
24	5.337	1299	1321	1345	rBV2	511154	1507161	100.00%	11.757%
25	5.611	1402	1406	1407	rBV2	1257	904	0.06%	0.007%
26	5.649	1413	1418	1422	rVB3	1211	1233	0.08%	0.010%
27	5.675	1423	1426	1429	rBV	909	561	0.04%	0.004%
28	5.730	1439	1443	1446	rBV2	1344	1107	0.07%	0.009%
29	5.749	1446	1449	1452	rVB	1327	852	0.06%	0.007%
30	5.797	1461	1464	1467	rBV	1676	1323	0.09%	0.010%
31	5.884	1477	1491	1528	rBV	535529	1100876	73.04%	8.588%
32	6.116	1559	1563	1570	rBV3	1529	1591	0.11%	0.012%
33	6.148	1570	1573	1577	rBV	1550	1296	0.09%	0.010%
34	6.218	1593	1595	1598	rVB	1272	640	0.04%	0.005%

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09J2

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

35	6.238	1598	1601	1603	rVB	908	485	0.03%	0.004%
36	6.257	1603	1607	1609	rBV2	1088	784	0.05%	0.006%
37	6.328	1615	1629	1657	rBV	338497	697476	46.28%	5.441%
38	6.521	1686	1689	1691	rBV	1781	1100	0.07%	0.009%
39	6.537	1691	1694	1700	rVB	1852	1274	0.08%	0.010%
40	6.566	1700	1703	1705	rBV	1123	800	0.05%	0.006%
41	6.627	1719	1722	1726	rBV2	876	764	0.05%	0.006%
42	6.675	1735	1737	1739	rBV	901	496	0.03%	0.004%
43	6.733	1748	1755	1760	rBV	1852	2166	0.14%	0.017%
44	6.771	1761	1767	1772	rVB	823	1117	0.07%	0.009%
45	6.810	1775	1779	1781	rBV	979	654	0.04%	0.005%
46	6.861	1790	1795	1798	rBV	2159	2316	0.15%	0.018%
47	6.942	1818	1820	1823	rVB	1459	797	0.05%	0.006%
48	7.009	1837	1841	1844	rBV	1449	1279	0.08%	0.010%
49	7.061	1854	1857	1860	rBV	1260	802	0.05%	0.006%
50	7.080	1860	1863	1865	rVV2	910	477	0.03%	0.004%
51	7.119	1873	1875	1878	rBV2	1072	628	0.04%	0.005%
52	7.160	1885	1888	1891	rBV	661	453	0.03%	0.004%
53	7.180	1892	1894	1897	rVB	851	426	0.03%	0.003%
54	7.225	1897	1908	1937	rBV	183846	346049	22.96%	2.699%
55	7.363	1948	1951	1954	rBV	1378	945	0.06%	0.007%
56	7.456	1977	1980	1984	rBV2	998	652	0.04%	0.005%
57	7.495	1989	1992	1995	rVB	1394	846	0.06%	0.007%
58	7.562	1995	2013	2041	rBV	658594	1205456	79.98%	9.403%
59	7.849	2091	2102	2127	rBV	125673	230569	15.30%	1.799%
60	8.112	2181	2184	2189	rBV2	924	913	0.06%	0.007%
61	8.138	2189	2192	2196	rBV	1258	1127	0.07%	0.009%
62	8.173	2198	2203	2213	rVB5	5699	8559	0.57%	0.067%
63	8.225	2213	2219	2225	rBV3	2055	2256	0.15%	0.018%
64	8.254	2226	2228	2231	rVB	1281	679	0.05%	0.005%
65	8.308	2235	2245	2278	rBV	509132	952935	63.23%	7.434%
66	8.604	2335	2337	2342	rBV3	613	493	0.03%	0.004%
67	8.636	2342	2347	2349	rBV	1237	1166	0.08%	0.009%
68	8.736	2376	2378	2380	rBV	827	507	0.03%	0.004%
69	8.903	2426	2430	2438	rBV	1681	2102	0.14%	0.016%
70	9.009	2459	2463	2465	rBV2	1223	771	0.05%	0.006%
71	9.086	2474	2487	2514	rBV	786406	1354625	89.88%	10.567%

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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

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

72	9.299	2549	2553	2559	rVB2	1070	1144	0.08%	0.009%
73	9.363	2569	2573	2578	rBV	1721	1865	0.12%	0.015%
74	9.427	2589	2593	2599	rBV4	888	1059	0.07%	0.008%
75	9.482	2607	2610	2612	rBV	859	486	0.03%	0.004%
76	9.498	2612	2615	2617	rBV	1097	579	0.04%	0.005%
77	9.575	2633	2639	2642	rBV3	1411	1522	0.10%	0.012%
78	9.713	2679	2682	2685	rBV	1034	795	0.05%	0.006%
79	9.775	2697	2701	2703	rBV	1295	1007	0.07%	0.008%
80	9.845	2721	2723	2726	rBV	817	512	0.03%	0.004%
81	9.903	2738	2741	2744	rBV	1135	690	0.05%	0.005%
82	9.922	2744	2747	2749	rBV	1029	547	0.04%	0.004%
83	10.041	2780	2784	2788	rBV	1676	1889	0.13%	0.015%
84	10.061	2788	2790	2793	rVV	1066	776	0.05%	0.006%
85	10.135	2809	2813	2816	rBV	1391	1141	0.08%	0.009%
86	10.154	2816	2819	2820	rBV	912	494	0.03%	0.004%
87	10.209	2832	2836	2838	rBV3	812	685	0.05%	0.005%
88	10.318	2868	2870	2873	rBV	860	576	0.04%	0.004%
89	10.363	2881	2884	2887	rVB	1577	1218	0.08%	0.010%
90	10.427	2893	2904	2926	rVV	546441	892377	59.21%	6.961%
91	10.527	2931	2935	2938	rBV2	1338	1291	0.09%	0.010%
92	10.697	2982	2988	2992	rBV	1618	2122	0.14%	0.017%
93	10.800	3017	3020	3022	rBV	845	521	0.03%	0.004%
94	10.877	3042	3044	3047	rBV	657	420	0.03%	0.003%
95	10.932	3058	3061	3064	rVB	1552	933	0.06%	0.007%
96	10.955	3064	3068	3070	rBV2	1374	1156	0.08%	0.009%
97	11.080	3104	3107	3111	rBV2	990	601	0.04%	0.005%
98	11.154	3127	3130	3133	rBV3	865	577	0.04%	0.005%
99	11.482	3220	3232	3253	rBV	777985	1262062	83.74%	9.845%
100	11.858	3337	3349	3369	rBV	700170	1157299	76.79%	9.028%

Sum of corrected areas: 12819347

LSC Report - Integrated Chromatogram

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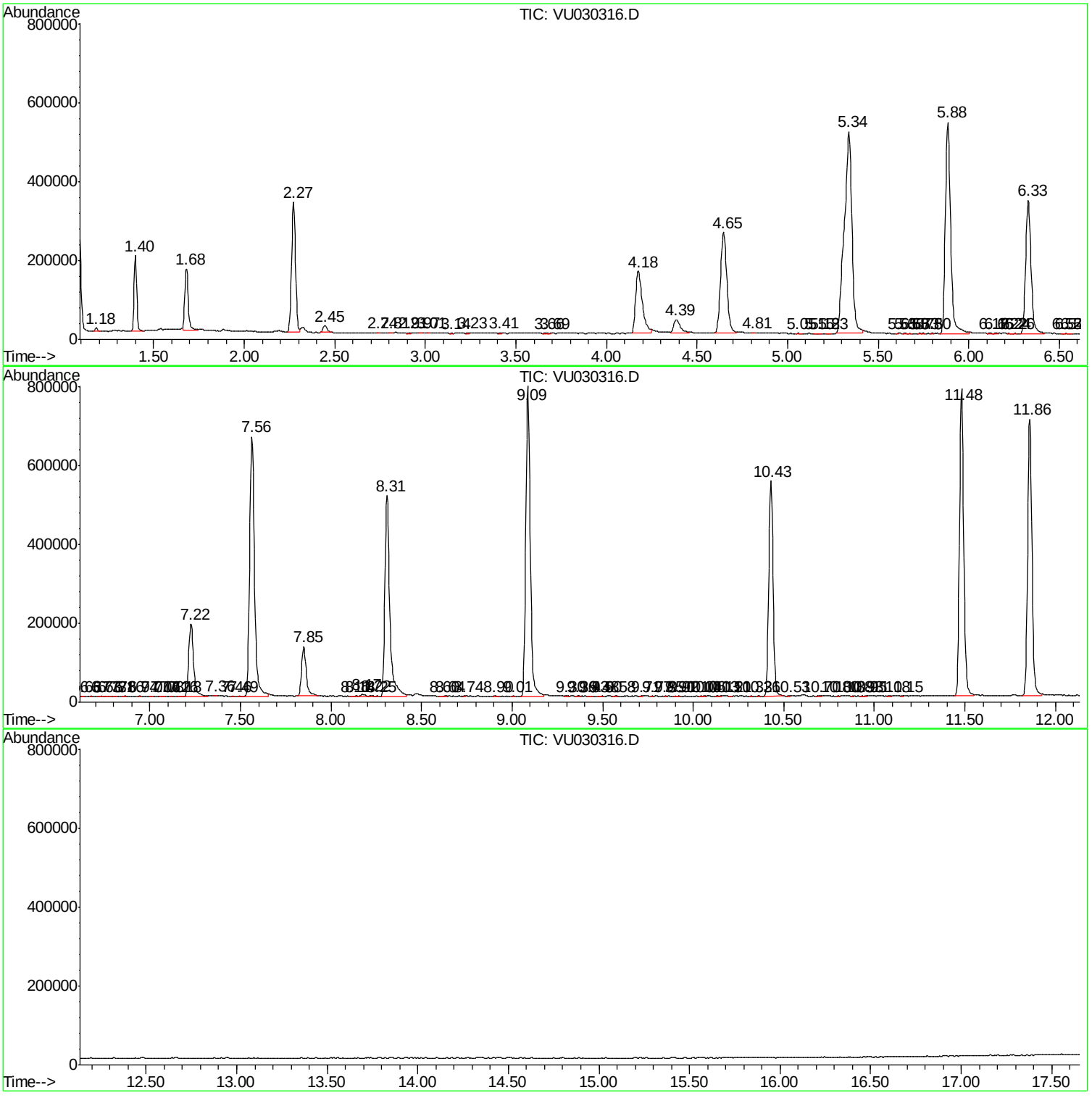
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09J2

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\VU032219\
Data File : VU030316.D
Acq On : 22 Mar 2019 18:20
Operator : JC/SP
Sample : K2016-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09J2

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

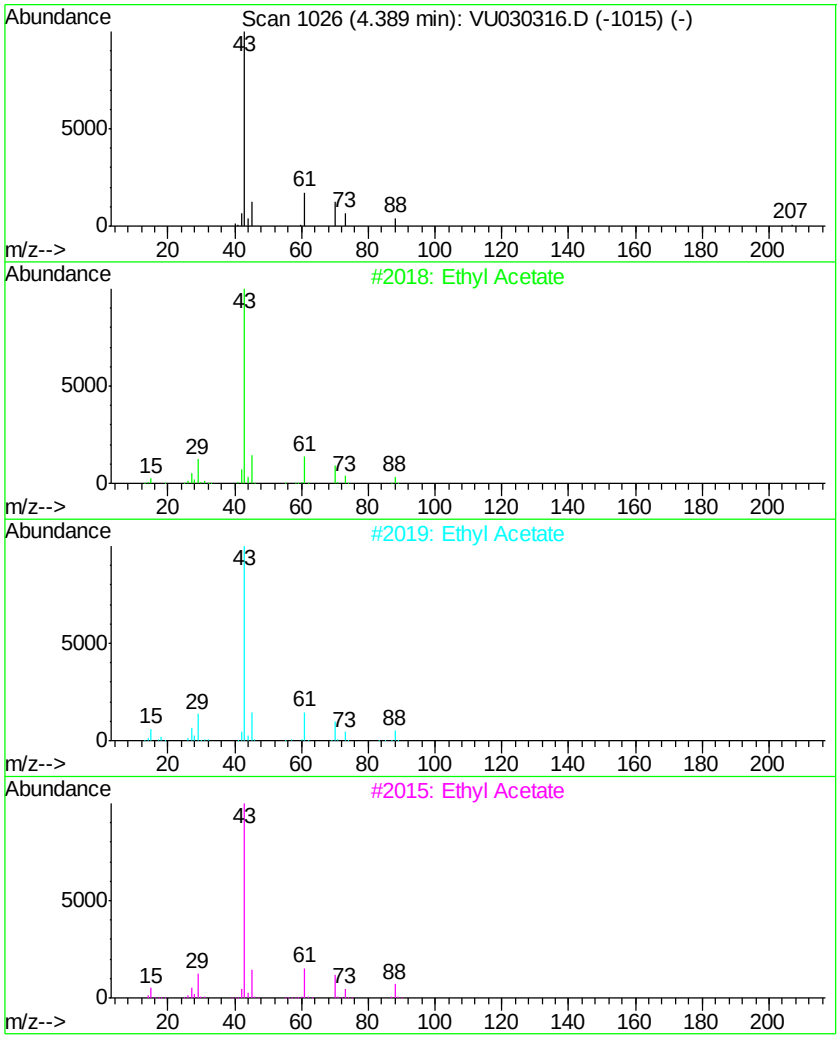
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

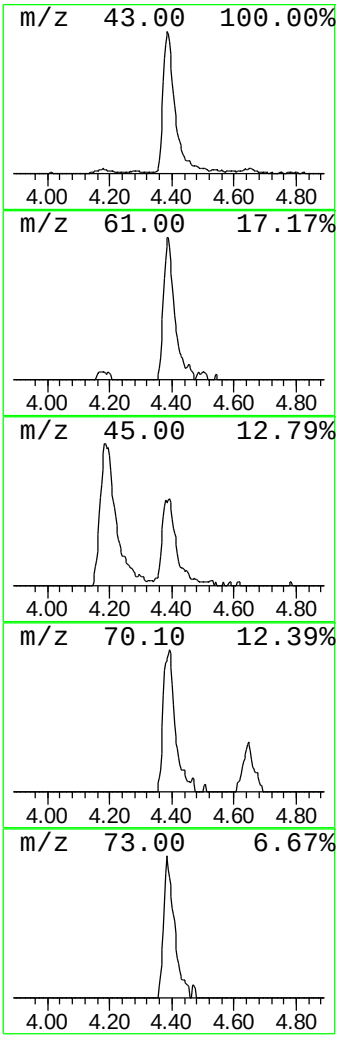
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.58 ug/L	78866	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	72
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
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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	3.6	ug/L	78866	1	5.88	1100880	50.0