LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032027.D
Acq On : 15 May 2019 13:23
Operator : JC/SP
Sample : K2862-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ9

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\SOMULM051419WMA.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	17134	14225	0.36%	0.042%
2	1.396	88	95	109	rBV	517772	565651	14.21%	1.683%
3	1.672	173	181	196	rVB	418542	541113	13.60%	1.610%
4	2.267	355	366	378	rBV	867506	1313322	33.00%	3.908%
5	2.512	439	442	445	rBV4	1136	606	0.02%	0.002%
6	2.537	446	450	457	rVV6	1898	1670	0.04%	0.005%
7	2.698	493	500	501	rBV5	1008	1111	0.03%	0.003%
8	2.762	516	520	522	rBV3	671	556	0.01%	0.002%
9	2.830	530	541	555	rBV4	9454	20966	0.53%	0.062%
10	2.881	555	557	559	rBV3	998	577	0.01%	0.002%
11	2.926	567	571	574	rVB3	892	671	0.02%	0.002%
12	2.965	580	583	585	rBV3	1401	1024	0.03%	0.003%
13	3.029	600	603	605	rBV2	841	654	0.02%	0.002%
14	3.155	639	642	646	rVB4	868	558	0.01%	0.002%
15	3.180	648	650	655	rBV3	641	715	0.02%	0.002%
16	3.248	668	671	673	rBV3	745	530	0.01%	0.002%
17	3.286	677	683	688	rVV3	1063	1115	0.03%	0.003%
18	3.376	705	711	721	rVB5	1719	2515	0.06%	0.007%
19	3.476	738	742	747	rVB5	833	888	0.02%	0.003%
20	3.534	756	760	762	rBV4	1061	770	0.02%	0.002%
21	3.566	769	770	775	rVV3	1149	624	0.02%	0.002%
22	3.621	784	787	790	rVB2	1129	692	0.02%	0.002%
23	3.643	790	794	799	rBV3	877	1043	0.03%	0.003%
24	3.675	799	804	807	rBV3	875	771	0.02%	0.002%
25	3.724	814	819	821	rBV3	689	689	0.02%	0.002%
26	3.794	837	841	844	rBV3	832	600	0.02%	0.002%
27	3.965	891	894	900	rVB4	674	624	0.02%	0.002%
28	4.061	921	924	926	rBV2	833	550	0.01%	0.002%
29	4.171	945	958	992	rBV	486065	1284053	32.26%	3.821%
30	4.373	1008	1021	1068	rVB	1050447	2501434	62.85%	7.444%
31	4.643	1090	1105	1133	rVB	638367	1513055	38.02%	4.503%
32	4.888	1178	1181	1184	rBV2	2123	1347	0.03%	0.004%
33	4.981	1207	1210	1212	rBV3	1234	829	0.02%	0.002%
34	5.216	1280	1283	1286	rVB3	1265	606	0.02%	0.002%

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Sample : K2862-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ9

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\SOMULM051419WMA.M
Title : VOC Analysis

35	5.335	1295	1320	1353	rBV2	1331094	3979971	100.00%	11.844%
36	5.663	1419	1422	1427	rBV6	1659	1540	0.04%	0.005%
37	5.817	1468	1470	1474	rBV2	1230	690	0.02%	0.002%
38	5.881	1474	1490	1521	rBV	1189048	2454872	61.68%	7.306%
39	6.177	1571	1582	1595	rBV3	18186	41913	1.05%	0.125%
40	6.325	1613	1628	1656	rBV	874213	1798708	45.19%	5.353%
41	6.627	1718	1722	1724	rBV3	1375	1173	0.03%	0.003%
42	6.756	1760	1762	1765	rVB2	1641	808	0.02%	0.002%
43	6.778	1765	1769	1772	rBV3	749	757	0.02%	0.002%
44	6.798	1772	1775	1777	rBV3	898	742	0.02%	0.002%
45	6.855	1790	1793	1797	rBV3	930	671	0.02%	0.002%
46	7.007	1838	1840	1845	rVB4	1605	1196	0.03%	0.004%
47	7.035	1845	1849	1851	rBV3	855	518	0.01%	0.002%
48	7.125	1875	1877	1881	rVB3	1122	635	0.02%	0.002%
49	7.225	1895	1908	1934	rBV	459819	854619	21.47%	2.543%
50	7.492	1987	1991	1993	rBV4	739	582	0.01%	0.002%
51	7.563	1999	2013	2034	rBV	1646892	2982328	74.93%	8.875%
52	7.846	2091	2101	2122	rBV	310217	555893	13.97%	1.654%
53	8.170	2197	2202	2214	rVB9	3664	6938	0.17%	0.021%
54	8.228	2214	2220	2229	rBV6	4139	6162	0.15%	0.018%
55	8.306	2232	2244	2303	rBV	1480160	2856159	71.76%	8.500%
56	8.691	2361	2364	2365	rBV3	1567	745	0.02%	0.002%
57	8.723	2371	2374	2382	rBV8	998	1452	0.04%	0.004%
58	8.833	2404	2408	2413	rBV6	1405	1731	0.04%	0.005%
59	8.855	2413	2415	2417	rBV2	963	568	0.01%	0.002%
60	8.900	2427	2429	2434	rVB3	1368	854	0.02%	0.003%
61	9.087	2473	2487	2533	rBV	1751278	3091980	77.69%	9.202%
62	9.373	2574	2576	2579	rBV3	851	642	0.02%	0.002%
63	9.402	2583	2585	2589	rBV4	985	898	0.02%	0.003%
64	9.479	2605	2609	2610	rBV2	981	531	0.01%	0.002%
65	9.527	2618	2624	2625	rBV2	892	825	0.02%	0.002%
66	9.559	2632	2634	2635	rBV2	1339	684	0.02%	0.002%
67	9.611	2648	2650	2659	rVB4	951	855	0.02%	0.003%
68	9.653	2659	2663	2666	rBV3	1496	1173	0.03%	0.003%
69	9.781	2699	2703	2704	rBV2	778	521	0.01%	0.002%
70	9.958	2754	2758	2764	rVB3	1115	1232	0.03%	0.004%
71	10.003	2768	2772	2774	rBV3	1241	914	0.02%	0.003%

LSC Area Percent Report

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Sample : K2862-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ9

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\SOMULM051419WMA.M
Title : VOC Analysis

72	10.135	2810	2813	2815	rBV2	1543	848	0.02%	0.003%
73	10.170	2821	2824	2826	rVV2	975	773	0.02%	0.002%
74	10.193	2828	2831	2833	rVV2	1111	588	0.01%	0.002%
75	10.370	2882	2886	2890	rBV5	581	570	0.01%	0.002%
76	10.428	2890	2904	2931	rBV	1321520	2159711	54.26%	6.427%
77	10.588	2949	2954	2965	rBV5	4922	8016	0.20%	0.024%
78	10.656	2973	2975	2982	rVB4	1210	1221	0.03%	0.004%
79	10.826	3025	3028	3033	rVB6	1659	1081	0.03%	0.003%
80	10.865	3037	3040	3045	rBV5	829	760	0.02%	0.002%
81	10.948	3064	3066	3068	rBV	887	549	0.01%	0.002%
82	11.077	3103	3106	3115	rBV7	1890	2389	0.06%	0.007%
83	11.145	3124	3127	3133	rBV4	1271	1528	0.04%	0.005%
84	11.302	3170	3176	3181	rBV4	1356	1335	0.03%	0.004%
85	11.325	3181	3183	3186	rVV2	1346	670	0.02%	0.002%
86	11.354	3189	3192	3196	rVB2	1257	867	0.02%	0.003%
87	11.405	3206	3208	3215	rVB6	1465	1006	0.03%	0.003%
88	11.479	3219	3231	3255	rBV	1512636	2443667	61.40%	7.272%
89	11.765	3312	3320	3329	rBV7	18460	33969	0.85%	0.101%
90	11.855	3336	3348	3379	rBV	1506228	2498560	62.78%	7.436%
91	12.321	3490	3493	3495	rBV3	1733	1005	0.03%	0.003%
92	12.357	3495	3504	3506	rBV8	2873	4130	0.10%	0.012%
93	12.624	3584	3587	3590	rBV4	1307	786	0.02%	0.002%
94	12.778	3626	3635	3638	rBV8	1877	2856	0.07%	0.008%
95	12.955	3688	3690	3692	rBV2	1818	1156	0.03%	0.003%
96	13.119	3737	3741	3743	rBV4	3347	2637	0.07%	0.008%
97	13.286	3790	3793	3794	rBV	966	565	0.01%	0.002%
98	13.659	3906	3909	3914	rVB3	1383	1105	0.03%	0.003%
99	14.524	4176	4178	4179	rBV2	1806	824	0.02%	0.002%
100	15.296	4416	4418	4421	rBV4	1826	1107	0.03%	0.003%

Sum of corrected areas: 33602913

LSC Report - Integrated Chromatogram

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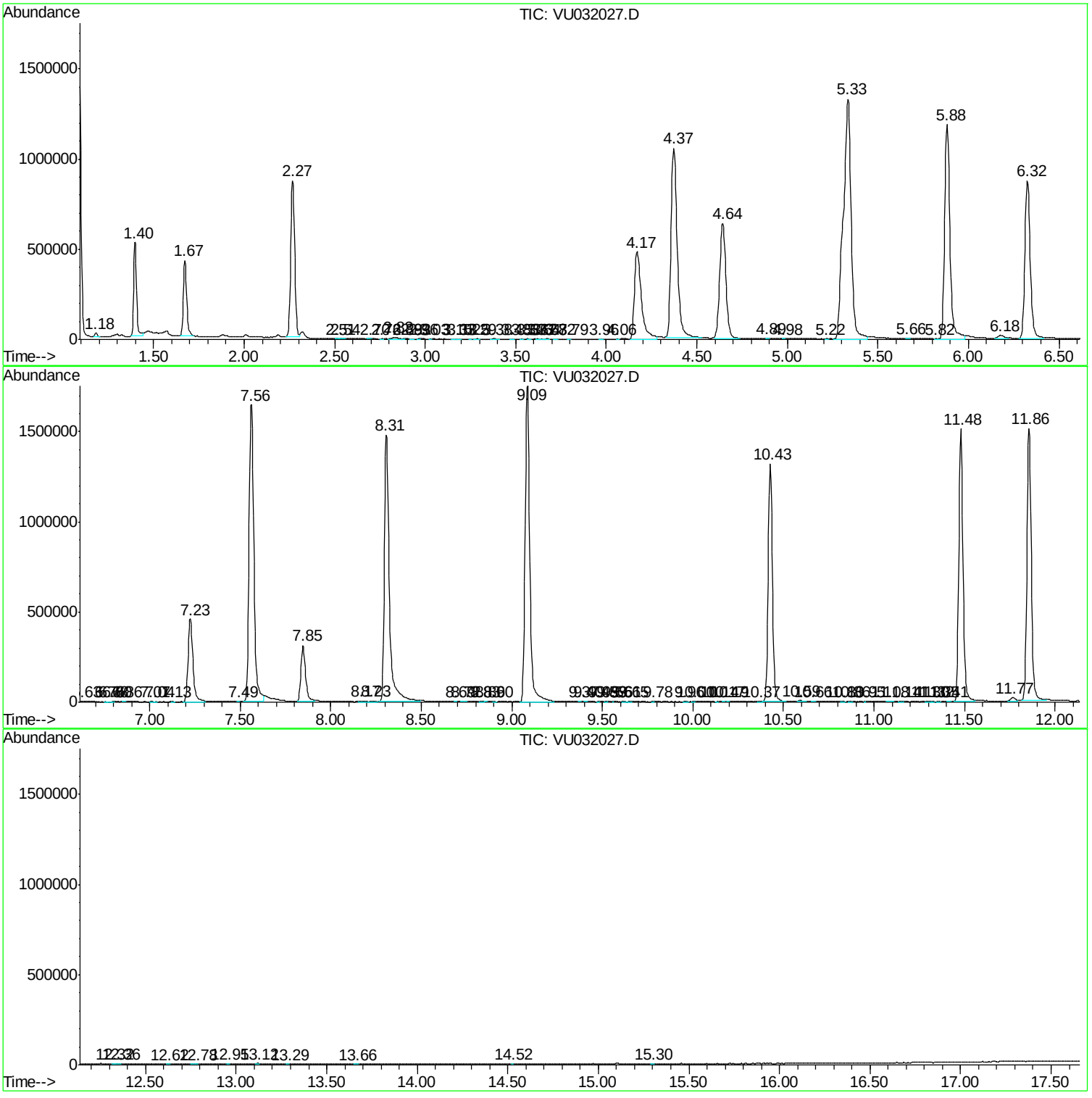
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.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\VU051519\
Data File : VU032027.D
Acq On : 15 May 2019 13:23
Operator : JC/SP
Sample : K2862-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

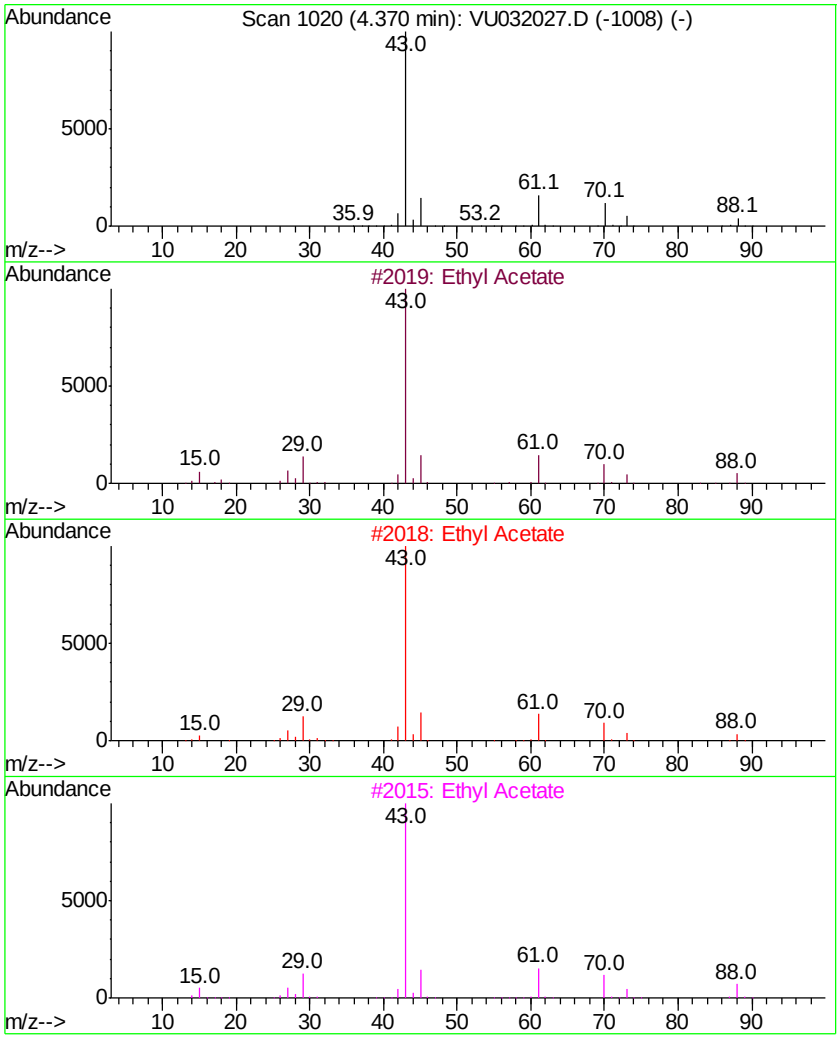
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

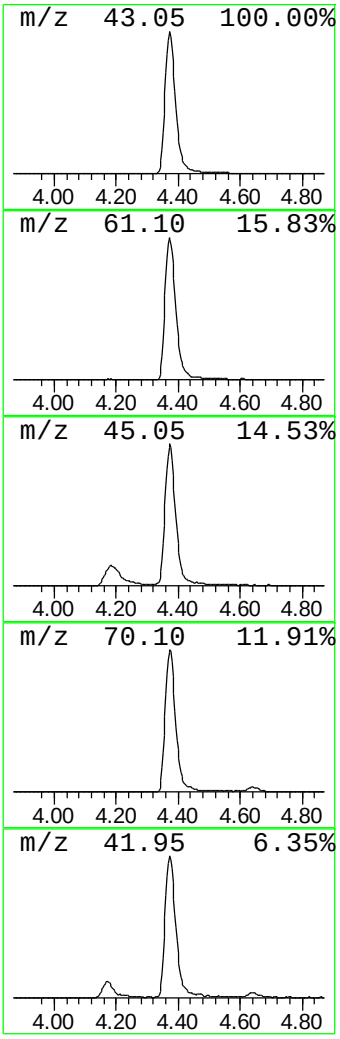
****

Peak Number 1 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	50.95 ug/L	2501430	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	59
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
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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	4.37	51.0	ug/L	2501430	1	5.88	2454870	50.0