LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037645.D
Acq On : 10 Apr 2020 02:39
Operator : JC/MD
Sample : L2212-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0ES2

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\SOMULM040920WMA.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	1.613	78	85	96	rVB	277531	296231	14.13%	1.785%
2	1.928	176	183	197	rVB	224709	295435	14.09%	1.780%
3	2.591	378	389	402	rBV	392507	638568	30.45%	3.848%
4	2.787	440	450	466	rBV	53722	97287	4.64%	0.586%
5	3.346	621	624	626	rBV3	583	323	0.02%	0.002%
6	3.417	643	646	647	rBV3	714	427	0.02%	0.003%
7	3.565	690	692	699	rVB3	684	577	0.03%	0.003%
8	3.604	699	704	709	rBV3	1068	1160	0.06%	0.007%
9	3.626	709	711	713	rVV3	514	267	0.01%	0.002%
10	4.179	880	883	885	rBV4	289	187	0.01%	0.001%
11	4.198	885	889	890	rBV3	478	331	0.02%	0.002%
12	4.343	931	934	938	rVB2	591	491	0.02%	0.003%
13	4.362	938	940	941	rBV	387	144	0.01%	0.001%
14	4.388	941	948	952	rBV5	821	993	0.05%	0.006%
15	4.427	956	960	961	rBV3	670	346	0.02%	0.002%
16	4.610	1015	1017	1019	rVB3	538	196	0.01%	0.001%
17	4.665	1019	1034	1061	rBV	277446	646736	30.84%	3.897%
18	4.848	1080	1091	1108	rVB3	34827	73991	3.53%	0.446%
19	5.105	1155	1171	1192	rVB	360330	788345	37.59%	4.751%
20	5.401	1260	1263	1264	rBV2	942	505	0.02%	0.003%
21	5.446	1274	1277	1284	rVB4	539	468	0.02%	0.003%
22	5.481	1284	1288	1293	rBV5	670	518	0.02%	0.003%
23	5.523	1299	1301	1303	rVB	743	278	0.01%	0.002%
24	5.581	1316	1319	1322	rVB3	547	285	0.01%	0.002%
25	5.616	1325	1330	1335	rVB4	445	440	0.02%	0.003%
26	5.645	1335	1339	1341	rBV3	464	299	0.01%	0.002%
27	5.761	1352	1375	1395	rBV2	795616	2097077	100.00%	12.637%
28	5.999	1447	1449	1452	rBV2	453	275	0.01%	0.002%
29	6.092	1477	1478	1480	rBV2	399	205	0.01%	0.001%
30	6.137	1487	1492	1499	rBV8	1184	1278	0.06%	0.008%
31	6.282	1523	1537	1556	rBV	618532	1148090	54.75%	6.918%
32	6.398	1571	1573	1576	rBV3	483	224	0.01%	0.001%
33	6.510	1606	1608	1611	rBV4	923	680	0.03%	0.004%
34	6.552	1612	1621	1632	rVV6	7998	16716	0.80%	0.101%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0ES2

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\SOMULM040920WMA.M
Title : VOC Analysis

35	6.661	1653	1655	1656	rBV	344	146	0.01%	0.001%
36	6.722	1658	1674	1695	rVV	506006	982500	46.85%	5.921%
37	6.964	1745	1749	1753	rBV5	923	705	0.03%	0.004%
38	7.002	1759	1761	1763	rBV3	508	260	0.01%	0.002%
39	7.044	1771	1774	1777	rBV4	630	581	0.03%	0.004%
40	7.140	1796	1804	1810	rBV6	908	1346	0.06%	0.008%
41	7.272	1843	1845	1846	rBV2	442	199	0.01%	0.001%
42	7.414	1884	1889	1891	rBV4	584	483	0.02%	0.003%
43	7.462	1899	1904	1907	rBV3	648	731	0.03%	0.004%
44	7.507	1915	1918	1922	rVB3	530	355	0.02%	0.002%
45	7.529	1922	1925	1927	rBV2	492	288	0.01%	0.002%
46	7.591	1930	1944	1960	rBV	311414	534649	25.49%	3.222%
47	7.812	2010	2013	2020	rVB3	895	801	0.04%	0.005%
48	7.922	2032	2047	2063	rBV	986136	1660596	79.19%	10.007%
49	8.201	2117	2134	2153	rBV	224699	374024	17.84%	2.254%
50	8.372	2185	2187	2188	rBV	346	137	0.01%	0.001%
51	8.420	2199	2202	2204	rBV3	347	263	0.01%	0.002%
52	8.484	2215	2222	2223	rBV5	1870	1799	0.09%	0.011%
53	8.574	2236	2250	2262	rVB	60058	99934	4.77%	0.602%
54	8.655	2262	2275	2305	rBV	828373	1463062	69.77%	8.816%
55	8.873	2340	2343	2346	rBV3	633	380	0.02%	0.002%
56	8.896	2346	2350	2352	rBV2	401	258	0.01%	0.002%
57	9.053	2396	2399	2400	rBV3	316	158	0.01%	0.001%
58	9.111	2414	2417	2420	rBV4	519	312	0.01%	0.002%
59	9.144	2424	2427	2429	rBV2	340	205	0.01%	0.001%
60	9.201	2443	2445	2447	rBV2	571	296	0.01%	0.002%
61	9.262	2462	2464	2466	rBV2	364	207	0.01%	0.001%
62	9.385	2500	2502	2504	rBV3	249	121	0.01%	0.001%
63	9.436	2504	2518	2538	rBV	856105	1415822	67.51%	8.532%
64	9.542	2549	2551	2554	rBV4	586	275	0.01%	0.002%
65	9.594	2562	2567	2570	rBV4	752	895	0.04%	0.005%
66	9.655	2583	2586	2587	rBV2	548	251	0.01%	0.002%
67	9.664	2587	2589	2591	rBV2	271	158	0.01%	0.001%
68	9.703	2597	2601	2602	rBV3	922	581	0.03%	0.004%
69	9.754	2613	2617	2620	rBV4	686	503	0.02%	0.003%
70	9.806	2629	2633	2634	rBV2	510	401	0.02%	0.002%
71	9.838	2640	2643	2644	rBV2	566	368	0.02%	0.002%

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Integrator: RTE
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Title : VOC Analysis

72	9.864	2649	2651	2654	rVV3	655	305	0.01%	0.002%
73	9.883	2654	2657	2659	rVV3	382	225	0.01%	0.001%
74	9.896	2659	2661	2663	rVV	258	153	0.01%	0.001%
75	9.922	2667	2669	2673	rBV	402	345	0.02%	0.002%
76	10.018	2696	2699	2702	rBV3	600	337	0.02%	0.002%
77	10.182	2747	2750	2755	rBV2	378	279	0.01%	0.002%
78	10.205	2755	2757	2763	rVB5	820	509	0.02%	0.003%
79	10.237	2765	2767	2768	rBV	621	254	0.01%	0.002%
80	10.288	2779	2783	2787	rBV3	426	486	0.02%	0.003%
81	10.317	2789	2792	2795	rVV4	457	346	0.02%	0.002%
82	10.356	2801	2804	2805	rBV2	269	142	0.01%	0.001%
83	10.565	2866	2869	2871	rBV	389	308	0.01%	0.002%
84	10.639	2890	2892	2894	rBV3	455	225	0.01%	0.001%
85	10.770	2921	2933	2951	rVB	663670	1066129	50.84%	6.424%
86	10.960	2989	2992	2994	rBV3	413	265	0.01%	0.002%
87	11.008	3002	3007	3010	rBV3	602	737	0.04%	0.004%
88	11.057	3019	3022	3024	rBV3	611	415	0.02%	0.003%
89	11.230	3071	3076	3079	rBV4	751	757	0.04%	0.005%
90	11.552	3172	3176	3180	rBV4	867	1003	0.05%	0.006%
91	11.668	3208	3212	3213	rBV3	434	301	0.01%	0.002%
92	11.825	3248	3261	3276	rBV	875758	1376167	65.62%	8.293%
93	11.905	3283	3286	3291	rBV5	659	579	0.03%	0.003%
94	11.954	3298	3301	3303	rBV2	761	390	0.02%	0.002%
95	12.008	3314	3318	3321	rBV4	640	604	0.03%	0.004%
96	12.079	3327	3340	3350	rBV5	9606	16916	0.81%	0.102%
97	12.204	3366	3379	3400	rBV	898884	1472204	70.20%	8.871%
98	12.404	3438	3441	3442	rBV3	585	336	0.02%	0.002%
99	12.542	3480	3484	3485	rBV2	501	366	0.02%	0.002%
100	12.735	3541	3544	3545	rBV	524	263	0.01%	0.002%

Sum of corrected areas: 16594769

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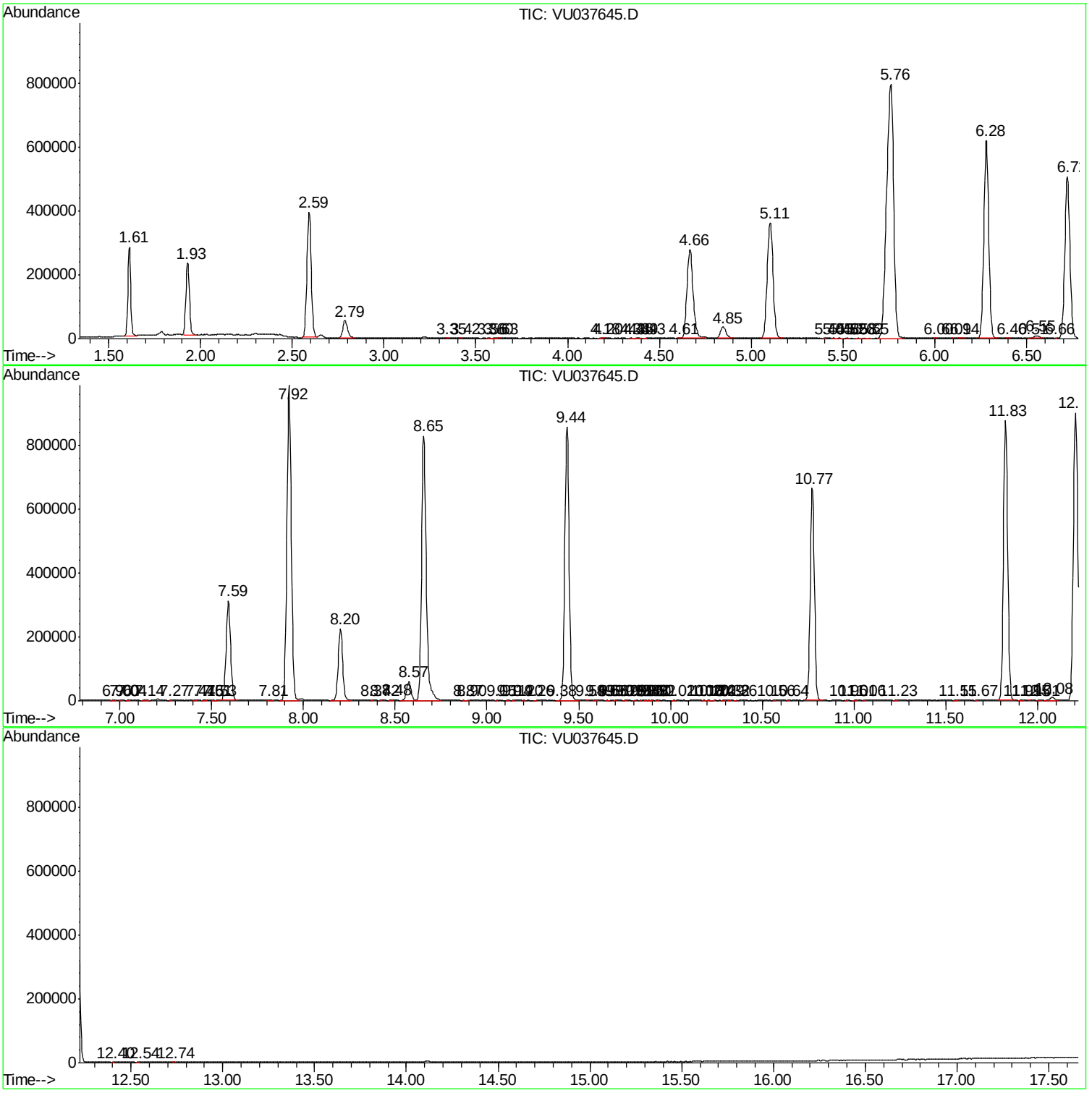
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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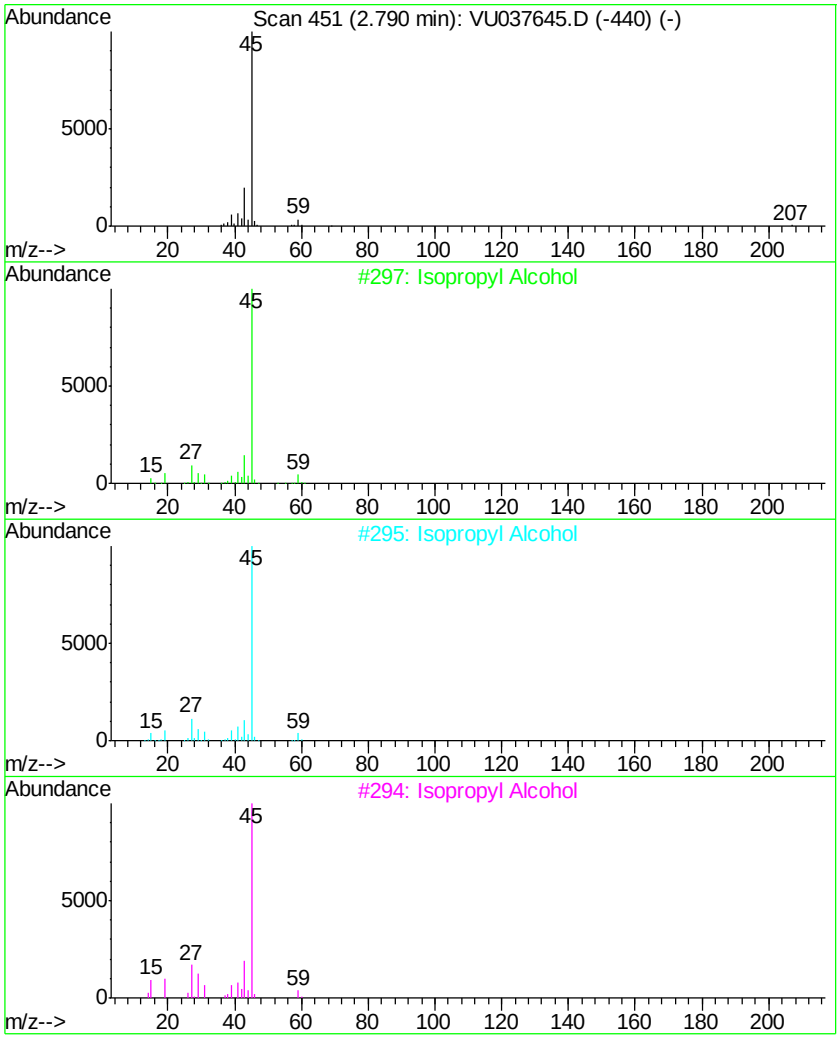
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

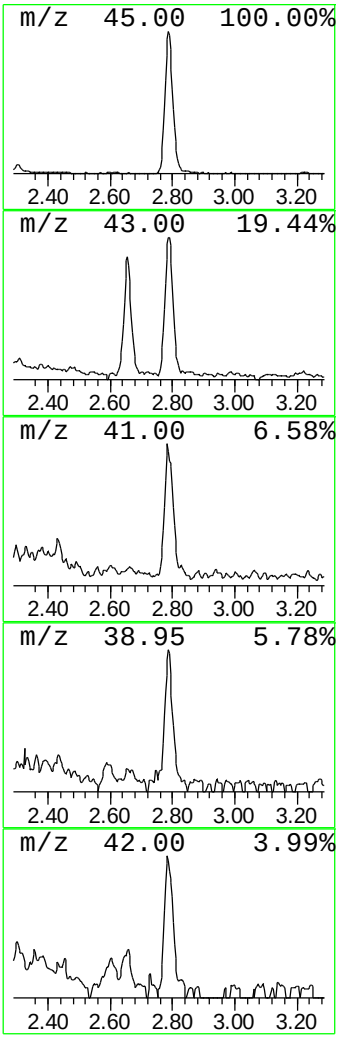
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	4.24 ug/L	97287	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	9
5	(S)-Isopropyl lactate	132	C6H12O3	063697-00-7	9





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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

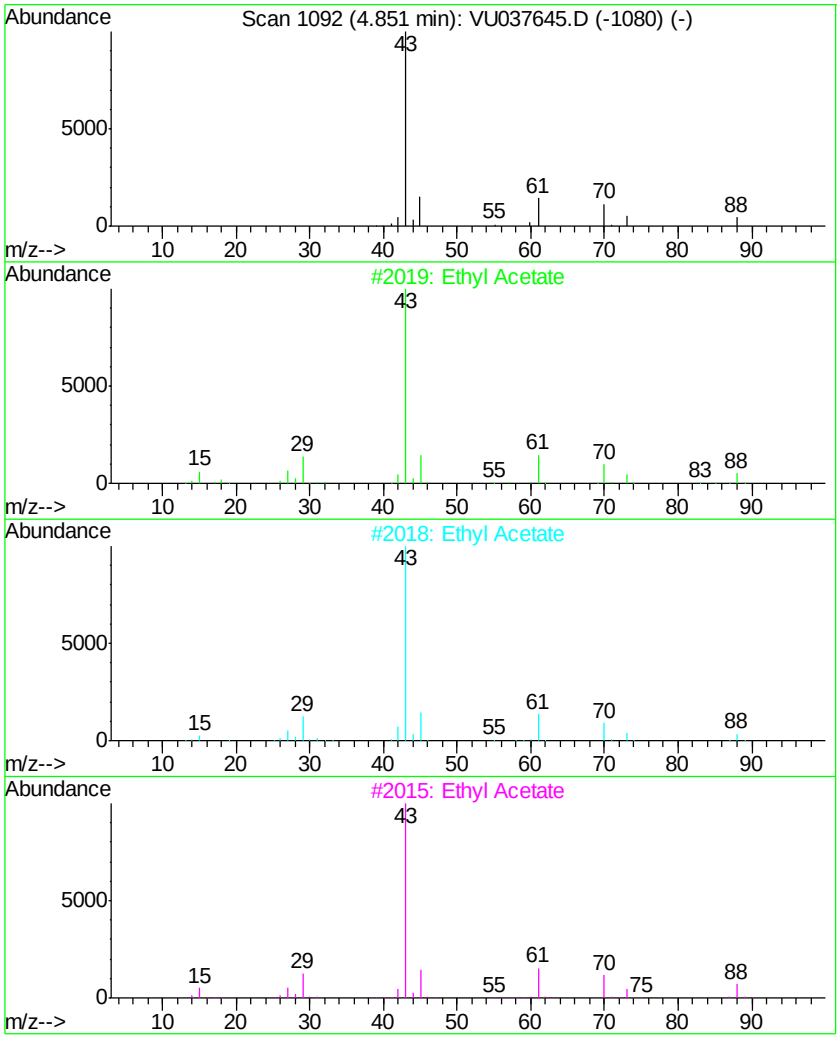
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

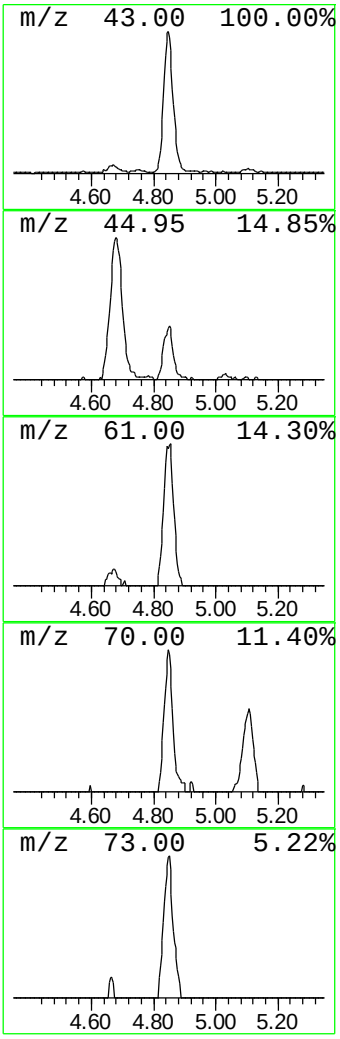
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	3.22 ug/L	73991	1,4-Difluorobenzene	6.28

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	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36





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
Isopropyl Alcohol	2.79	4.2	ug/L	97287	1	6.28	1148090	50.0
Ethyl Acetate	4.85	3.2	ug/L	73991	1	6.28	1148090	50.0