LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037633.D
Acq On : 09 Apr 2020 21:02
Operator : JC/MD
Sample : L1885-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EW2

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	1.610	78	84	96	rVB	303741	323683	14.58%	1.814%
2	1.928	176	183	196	rVB	245505	314714	14.17%	1.763%
3	2.591	378	389	402	rBV	431381	707734	31.87%	3.966%
4	2.787	440	450	464	rBV	51844	92123	4.15%	0.516%
5	3.221	573	585	598	rVB3	4246	10885	0.49%	0.061%
6	3.279	599	603	604	rBV2	857	603	0.03%	0.003%
7	3.443	652	654	656	rBV3	530	266	0.01%	0.001%
8	3.732	741	744	746	rBV2	883	605	0.03%	0.003%
9	3.803	763	766	770	rBV4	531	527	0.02%	0.003%
10	4.031	835	837	842	rVB4	636	491	0.02%	0.003%
11	4.141	868	871	873	rBV3	504	401	0.02%	0.002%
12	4.192	884	887	889	rVB3	477	264	0.01%	0.001%
13	4.215	889	894	896	rBV	730	588	0.03%	0.003%
14	4.234	896	900	901	rVV2	495	333	0.01%	0.002%
15	4.256	905	907	912	rVB3	890	517	0.02%	0.003%
16	4.288	912	917	918	rBV3	625	552	0.02%	0.003%
17	4.369	940	942	944	rBV2	353	218	0.01%	0.001%
18	4.507	983	985	988	rVB3	765	397	0.02%	0.002%
19	4.665	1019	1034	1061	rBV	269212	631320	28.43%	3.538%
20	4.848	1079	1091	1110	rVB2	31957	70013	3.15%	0.392%
21	4.986	1132	1134	1137	rBV3	968	729	0.03%	0.004%
22	5.102	1153	1170	1191	rBV	380438	830601	37.41%	4.654%
23	5.449	1275	1278	1282	rBV5	746	544	0.02%	0.003%
24	5.475	1282	1286	1287	rBV3	518	385	0.02%	0.002%
25	5.530	1300	1303	1305	rBV3	662	504	0.02%	0.003%
26	5.542	1305	1307	1312	rVV5	777	627	0.03%	0.004%
27	5.562	1312	1313	1318	rVB3	319	237	0.01%	0.001%
28	5.616	1327	1330	1334	rBV4	589	444	0.02%	0.002%
29	5.639	1334	1337	1339	rVB3	614	291	0.01%	0.002%
30	5.655	1339	1342	1344	rBV3	425	245	0.01%	0.001%
31	5.761	1353	1375	1400	rBV2	847635	2220437	100.00%	12.442%
32	6.279	1521	1536	1558	rBV	687523	1277992	57.56%	7.161%
33	6.552	1610	1621	1634	rBV5	9693	19997	0.90%	0.112%
34	6.722	1652	1674	1693	rBV	532931	1032838	46.52%	5.787%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EW2

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	6.890	1724	1726	1727	rBV2	729	340	0.02%	0.002%
36	7.089	1784	1788	1789	rBV4	485	375	0.02%	0.002%
37	7.202	1816	1823	1824	rBV5	2974	2938	0.13%	0.016%
38	7.295	1848	1852	1853	rBV2	466	330	0.01%	0.002%
39	7.340	1864	1866	1868	rBV3	486	269	0.01%	0.002%
40	7.449	1897	1900	1902	rVB4	598	352	0.02%	0.002%
41	7.462	1902	1904	1909	rVB3	714	476	0.02%	0.003%
42	7.497	1909	1915	1918	rBV2	798	795	0.04%	0.004%
43	7.520	1919	1922	1924	rVB2	537	269	0.01%	0.002%
44	7.539	1924	1928	1930	rBV5	730	541	0.02%	0.003%
45	7.591	1931	1944	1963	rBV	330680	574069	25.85%	3.217%
46	7.800	2008	2009	2011	rBV2	500	205	0.01%	0.001%
47	7.854	2024	2026	2028	rBV3	443	203	0.01%	0.001%
48	7.867	2028	2030	2032	rBV	431	208	0.01%	0.001%
49	7.922	2032	2047	2063	rBV	1061690	1810549	81.54%	10.145%
50	8.201	2121	2134	2151	rBV	234364	397916	17.92%	2.230%
51	8.468	2214	2217	2219	rBV3	644	466	0.02%	0.003%
52	8.574	2236	2250	2262	rBV	106307	177255	7.98%	0.993%
53	8.655	2262	2275	2308	rBV	830971	1452487	65.41%	8.139%
54	8.873	2338	2343	2344	rBV4	754	500	0.02%	0.003%
55	8.915	2350	2356	2358	rBV6	912	843	0.04%	0.005%
56	9.063	2397	2402	2403	rBV2	539	413	0.02%	0.002%
57	9.111	2413	2417	2421	rVB5	617	467	0.02%	0.003%
58	9.227	2451	2453	2457	rBV4	329	205	0.01%	0.001%
59	9.256	2460	2462	2468	rVB4	444	477	0.02%	0.003%
60	9.327	2481	2484	2486	rBV4	693	468	0.02%	0.003%
61	9.436	2504	2518	2533	rBV	970740	1576953	71.02%	8.836%
62	9.571	2557	2560	2561	rBV	553	301	0.01%	0.002%
63	9.819	2634	2637	2640	rBV3	724	513	0.02%	0.003%
64	9.877	2653	2655	2658	rVB2	528	325	0.01%	0.002%
65	9.915	2662	2667	2669	rBV3	761	700	0.03%	0.004%
66	9.951	2676	2678	2680	rBV3	397	227	0.01%	0.001%
67	9.976	2684	2686	2689	rVB2	504	285	0.01%	0.002%
68	10.015	2694	2698	2702	rBV3	296	328	0.01%	0.002%
69	10.037	2702	2705	2707	rVV2	380	234	0.01%	0.001%
70	10.124	2724	2732	2736	rBV5	1313	1972	0.09%	0.011%
71	10.217	2757	2761	2763	rBV2	493	371	0.02%	0.002%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : C0EW2

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

72	10.234	2763	2766	2769	rVB3	472	275	0.01%	0.002%
73	10.259	2769	2774	2775	rBV3	531	495	0.02%	0.003%
74	10.288	2780	2783	2786	rBV5	749	467	0.02%	0.003%
75	10.343	2797	2800	2804	rBV3	576	441	0.02%	0.002%
76	10.369	2804	2808	2809	rBV	438	354	0.02%	0.002%
77	10.404	2816	2819	2822	rVB2	678	356	0.02%	0.002%
78	10.459	2833	2836	2838	rBV3	420	290	0.01%	0.002%
79	10.488	2842	2845	2846	rBV	414	244	0.01%	0.001%
80	10.661	2896	2899	2900	rBV2	439	225	0.01%	0.001%
81	10.771	2919	2933	2952	rBV	679403	1100505	49.56%	6.167%
82	10.867	2961	2963	2965	rBV2	588	280	0.01%	0.002%
83	10.899	2970	2973	2981	rVB4	2224	2349	0.11%	0.013%
84	10.989	2996	3001	3003	rBV2	786	689	0.03%	0.004%
85	11.086	3029	3031	3033	rBV3	463	208	0.01%	0.001%
86	11.099	3033	3035	3040	rVV4	600	480	0.02%	0.003%
87	11.221	3071	3073	3074	rBV2	520	217	0.01%	0.001%
88	11.430	3132	3138	3140	rBV5	1054	1030	0.05%	0.006%
89	11.455	3143	3146	3147	rBV2	558	270	0.01%	0.002%
90	11.478	3149	3153	3155	rBV4	957	733	0.03%	0.004%
91	11.825	3248	3261	3279	rBV	994613	1569026	70.66%	8.792%
92	11.967	3303	3305	3309	rBV2	467	385	0.02%	0.002%
93	12.041	3325	3328	3329	rBV2	635	411	0.02%	0.002%
94	12.079	3332	3340	3349	rVB4	8901	15314	0.69%	0.086%
95	12.205	3366	3379	3396	rBV	1008656	1599925	72.05%	8.965%
96	12.484	3463	3466	3469	rBV2	607	484	0.02%	0.003%
97	12.697	3529	3532	3539	rVB6	1116	1064	0.05%	0.006%
98	12.722	3539	3540	3546	rVB3	855	716	0.03%	0.004%
99	12.751	3546	3549	3551	rBV3	1267	780	0.04%	0.004%
100	13.153	3671	3674	3675	rBV3	667	391	0.02%	0.002%

Sum of corrected areas: 17846134

LSC Report - Integrated Chromatogram

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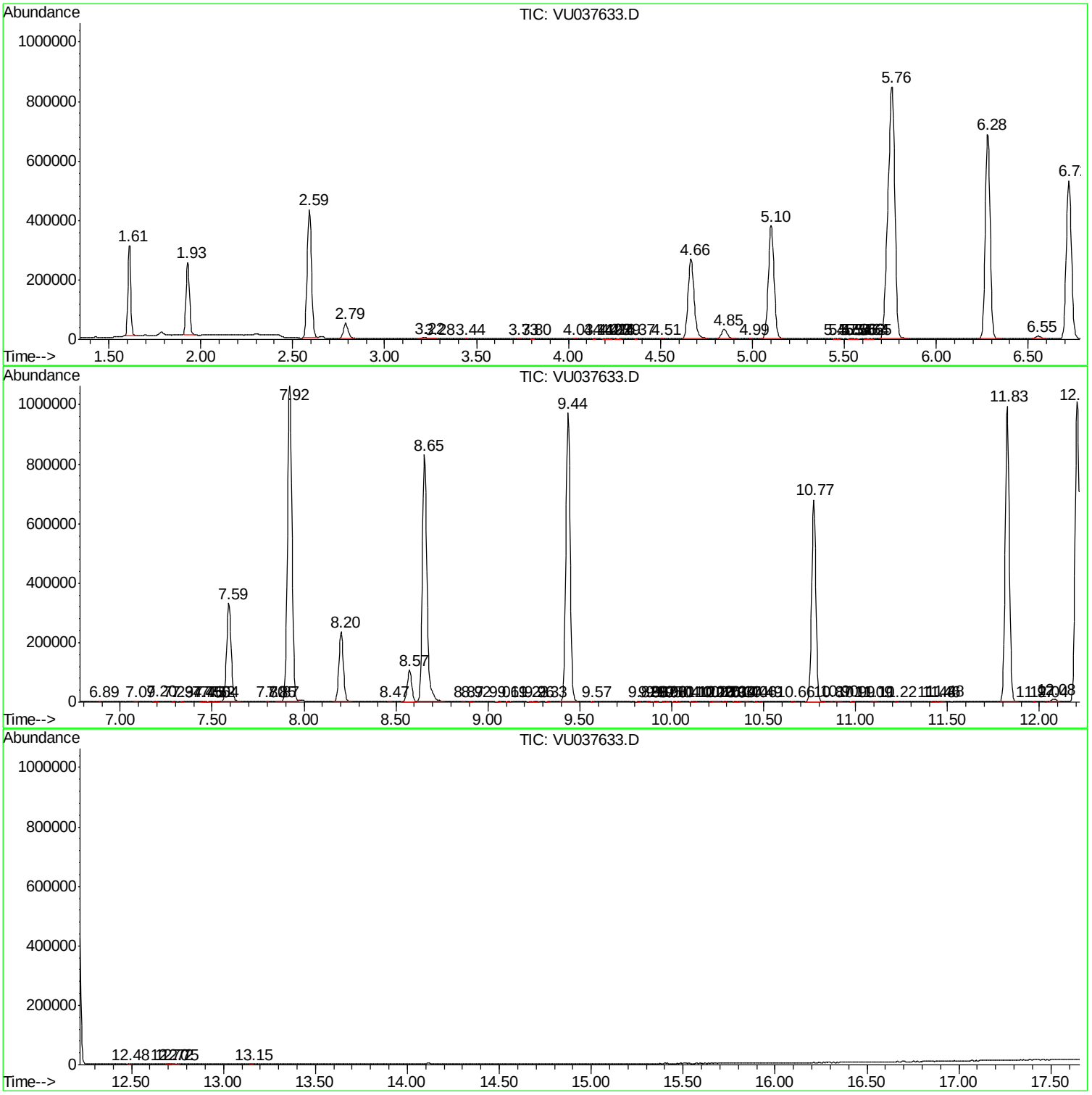
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EW2

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037633.D
Acq On : 09 Apr 2020 21:02
Operator : JC/MD
Sample : L1885-07
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Instrument : MSVOA_U
ClientSampleId : C0EW2

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

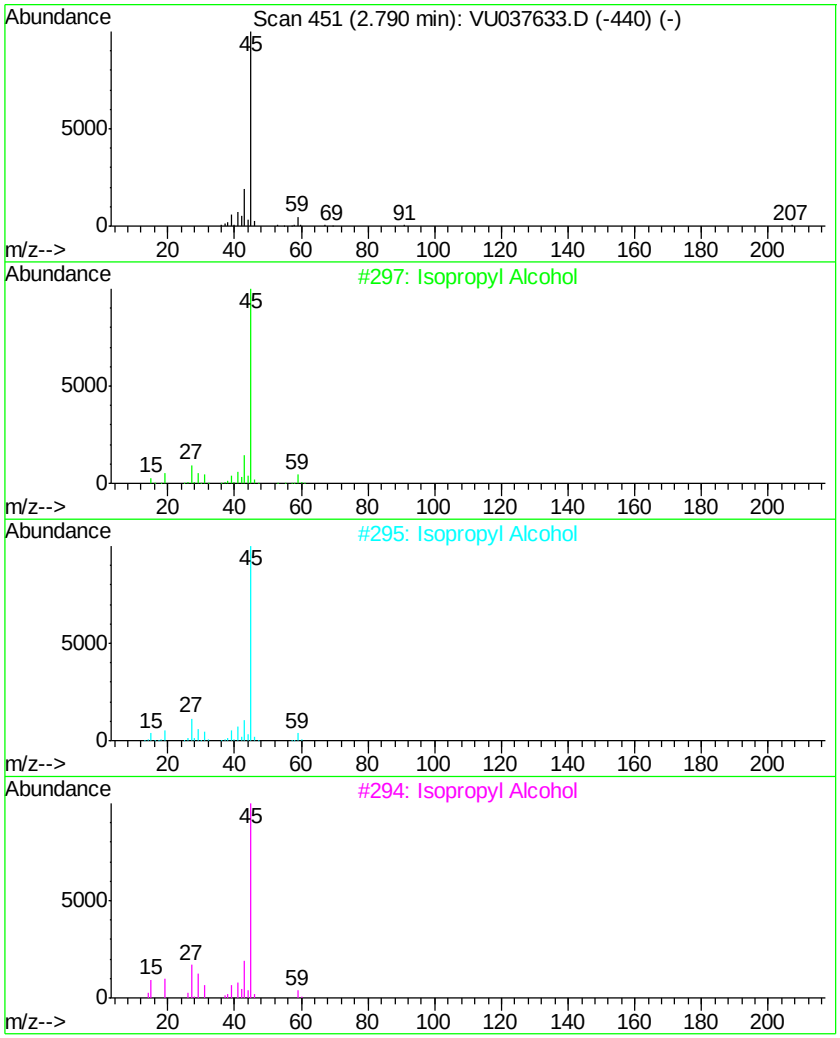
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

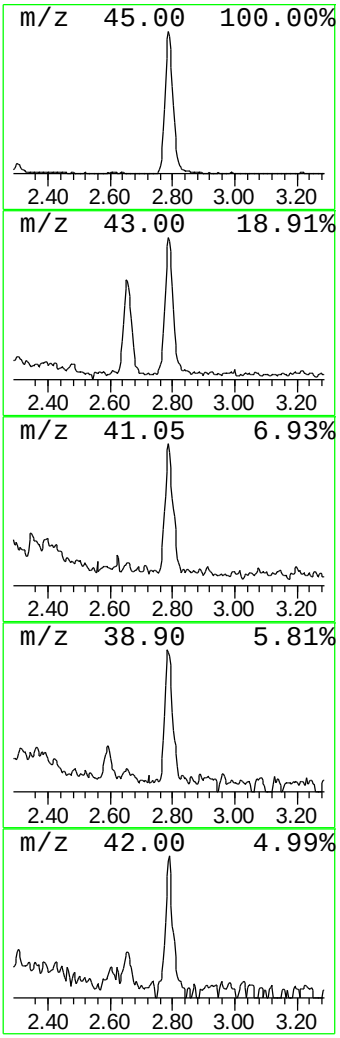
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	3.60 ug/L	92123	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43





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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

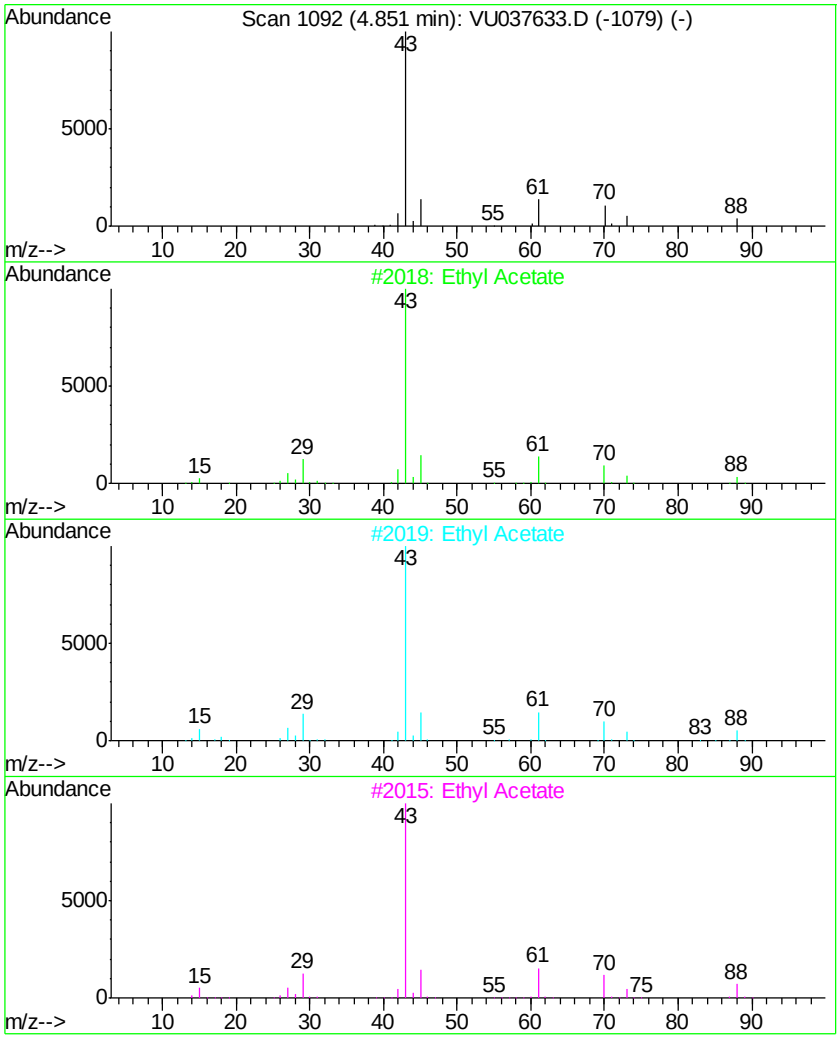
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

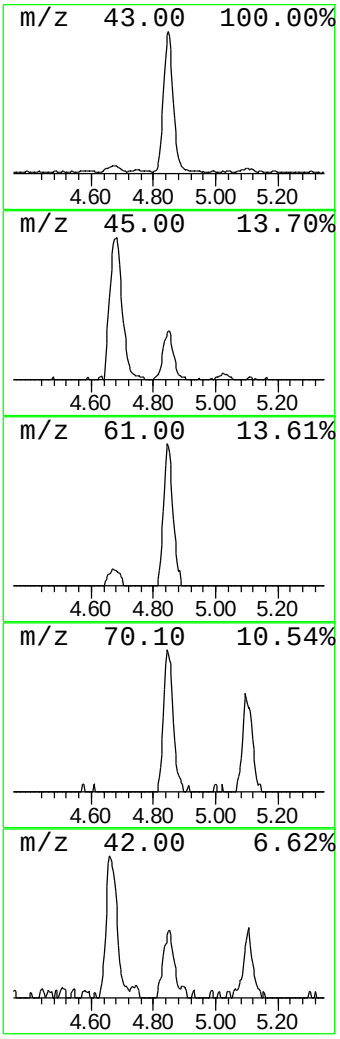
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	2.74 ug/L	70013	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	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	78
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50





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	3.6	ug/L	92123	1	6.28	1277990	50.0
Ethyl Acetate	4.85	2.7	ug/L	70013	1	6.28	1277990	50.0