LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
Data File : VU030237.D
Acq On : 20 Mar 2019 20:55
Operator : JC/SP
Sample : K2022-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0965

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	24	29	38	rVB2	11437	12729	0.70%	0.081%
2	1.296	58	64	74	rVB	44338	44215	2.44%	0.282%
3	1.399	89	96	114	rBV	240099	244592	13.52%	1.563%
4	1.682	176	184	200	rBV	180773	228724	12.64%	1.461%
5	2.273	357	368	381	rBV	394725	603540	33.35%	3.856%
6	2.440	410	420	446	rBV	123865	225501	12.46%	1.441%
7	2.784	524	527	530	rBV	1058	858	0.05%	0.005%
8	2.939	571	575	580	rBV	1400	1648	0.09%	0.011%
9	3.000	587	594	602	rBV2	5881	8352	0.46%	0.053%
10	3.090	618	622	626	rBV	1630	1234	0.07%	0.008%
11	3.135	632	636	641	rBV	1109	1261	0.07%	0.008%
12	3.296	683	686	692	rVB2	1998	1825	0.10%	0.012%
13	3.328	692	696	700	rBV	1162	1111	0.06%	0.007%
14	3.379	708	712	716	rBV	1472	1306	0.07%	0.008%
15	3.402	716	719	722	rVV	1305	857	0.05%	0.005%
16	3.508	748	752	757	rBV	1633	1993	0.11%	0.013%
17	3.961	890	893	896	rVB2	1253	846	0.05%	0.005%
18	4.003	902	906	911	rVB	1522	1264	0.07%	0.008%
19	4.177	945	960	984	rBV	162969	438290	24.22%	2.800%
20	4.386	1015	1025	1044	rBV	31045	74219	4.10%	0.474%
21	4.505	1060	1062	1067	rVB	1638	1144	0.06%	0.007%
22	4.646	1089	1106	1139	rBV	298421	752614	41.59%	4.808%
23	5.016	1218	1221	1225	rBV	1677	1311	0.07%	0.008%
24	5.116	1249	1252	1259	rBV2	1096	1251	0.07%	0.008%
25	5.228	1284	1287	1291	rVB	1862	1397	0.08%	0.009%
26	5.337	1298	1321	1357	rBV2	600325	1809490	100.00%	11.561%
27	5.701	1431	1434	1438	rBV	1094	1115	0.06%	0.007%
28	5.797	1459	1464	1469	rBV	1287	1499	0.08%	0.010%
29	5.884	1478	1491	1526	rBV	574297	1158943	64.05%	7.404%
30	6.154	1571	1575	1577	rBV	1576	1303	0.07%	0.008%
31	6.205	1588	1591	1594	rVB	1777	998	0.06%	0.006%
32	6.328	1611	1629	1651	rBV	385356	788884	43.60%	5.040%
33	6.537	1691	1694	1697	rBV	1444	908	0.05%	0.006%
34	6.636	1719	1725	1727	rBV	942	950	0.05%	0.006%

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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

35	6.688	1738	1741	1743	rBV	1246	842	0.05%	0.005%
36	6.714	1746	1749	1752	rVB	1256	879	0.05%	0.006%
37	6.816	1777	1781	1783	rBV	1728	1410	0.08%	0.009%
38	7.006	1835	1840	1844	rBV2	1370	1947	0.11%	0.012%
39	7.074	1856	1861	1863	rBV2	1162	891	0.05%	0.006%
40	7.173	1888	1892	1896	rBV	1290	1037	0.06%	0.007%
41	7.225	1896	1908	1936	rBV	219064	405773	22.42%	2.592%
42	7.389	1954	1959	1966	rVB3	3160	3975	0.22%	0.025%
43	7.501	1992	1994	1998	rVB	1783	1133	0.06%	0.007%
44	7.562	1998	2013	2033	rBV	799583	1435782	79.35%	9.173%
45	7.752	2069	2072	2075	rBV2	1365	994	0.05%	0.006%
46	7.797	2082	2086	2090	rBV	1144	1051	0.06%	0.007%
47	7.849	2091	2102	2120	rBV	150238	268625	14.85%	1.716%
48	8.125	2184	2188	2194	rVB	1441	1515	0.08%	0.010%
49	8.176	2194	2204	2215	rBV3	8005	15682	0.87%	0.100%
50	8.267	2226	2232	2234	rBV	1805	2060	0.11%	0.013%
51	8.308	2234	2245	2277	rVV	540258	1009375	55.78%	6.449%
52	8.524	2309	2312	2318	rBV3	1512	1976	0.11%	0.013%
53	8.643	2346	2349	2352	rVV2	1716	1226	0.07%	0.008%
54	8.659	2352	2354	2359	rVB2	1223	894	0.05%	0.006%
55	8.691	2359	2364	2367	rVB	1465	1168	0.06%	0.007%
56	8.852	2411	2414	2421	rBV2	1306	1207	0.07%	0.008%
57	8.951	2440	2445	2446	rBV	908	821	0.05%	0.005%
58	9.086	2470	2487	2514	rBV	844268	1546301	85.46%	9.879%
59	9.357	2566	2571	2574	rBV	1214	1222	0.07%	0.008%
60	9.389	2579	2581	2584	rVV	1850	1267	0.07%	0.008%
61	9.408	2584	2587	2592	rVB	1922	1543	0.09%	0.010%
62	9.437	2592	2596	2604	rVB	2117	2241	0.12%	0.014%
63	9.533	2622	2626	2630	rBV	1168	1178	0.07%	0.008%
64	9.582	2638	2641	2644	rVB2	1627	1063	0.06%	0.007%
65	9.672	2666	2669	2674	rVB	1314	1007	0.06%	0.006%
66	9.974	2759	2763	2767	rBV2	819	897	0.05%	0.006%
67	10.048	2781	2786	2790	rBV2	1500	1275	0.07%	0.008%
68	10.164	2818	2822	2828	rBV2	1512	1634	0.09%	0.010%
69	10.427	2890	2904	2923	rBV	608174	978952	54.10%	6.254%
70	10.610	2953	2961	2972	rVB5	5737	11073	0.61%	0.071%
71	10.655	2972	2975	2978	rBV2	1177	803	0.04%	0.005%

LSC Area Percent Report

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

72	11.090	3106	3110	3113	rVB	1572	1197	0.07%	0.008%
73	11.115	3113	3118	3120	rBV2	1160	910	0.05%	0.006%
74	11.154	3125	3130	3132	rBV	1102	1007	0.06%	0.006%
75	11.215	3142	3149	3152	rBV	1343	1591	0.09%	0.010%
76	11.295	3171	3174	3178	rBV	1360	1104	0.06%	0.007%
77	11.337	3184	3187	3190	rBV	1247	1003	0.06%	0.006%
78	11.373	3195	3198	3200	rBV2	1148	888	0.05%	0.006%
79	11.418	3203	3212	3220	rVV2	32106	48754	2.69%	0.311%
80	11.482	3220	3232	3267	rVV2	858784	1651493	91.27%	10.551%
81	11.781	3322	3325	3330	rBV2	1778	1467	0.08%	0.009%
82	11.858	3337	3349	3376	rBV2	851305	1618409	89.44%	10.340%
83	12.022	3397	3400	3404	rBV2	1791	1730	0.10%	0.011%
84	12.115	3424	3429	3433	rVB	1350	1275	0.07%	0.008%
85	12.270	3475	3477	3485	rVB3	1160	962	0.05%	0.006%
86	12.369	3505	3508	3514	rBV	1706	1401	0.08%	0.009%
87	12.524	3550	3556	3557	rBV	1019	1051	0.06%	0.007%
88	12.562	3564	3568	3570	rBV	2017	1423	0.08%	0.009%
89	12.694	3606	3609	3613	rBV3	1315	1270	0.07%	0.008%
90	13.102	3733	3736	3740	rBV2	1008	1022	0.06%	0.007%
91	13.170	3754	3757	3760	rBV	945	808	0.04%	0.005%
92	13.221	3770	3773	3776	rBV	1258	853	0.05%	0.005%
93	13.504	3851	3861	3884	rBV2	58599	115180	6.37%	0.736%
94	13.729	3926	3931	3934	rBV2	1108	1201	0.07%	0.008%
95	13.990	4001	4012	4031	rBV3	30090	63241	3.49%	0.404%
96	14.221	4081	4084	4087	rBV2	1089	909	0.05%	0.006%
97	14.774	4253	4256	4261	rBV3	1115	1169	0.06%	0.007%
98	15.080	4349	4351	4353	rBV2	1767	1031	0.06%	0.007%
99	15.218	4390	4394	4397	rBV	1794	1602	0.09%	0.010%
100	15.549	4494	4497	4500	rBV2	1614	1440	0.08%	0.009%

Sum of corrected areas: 15652282

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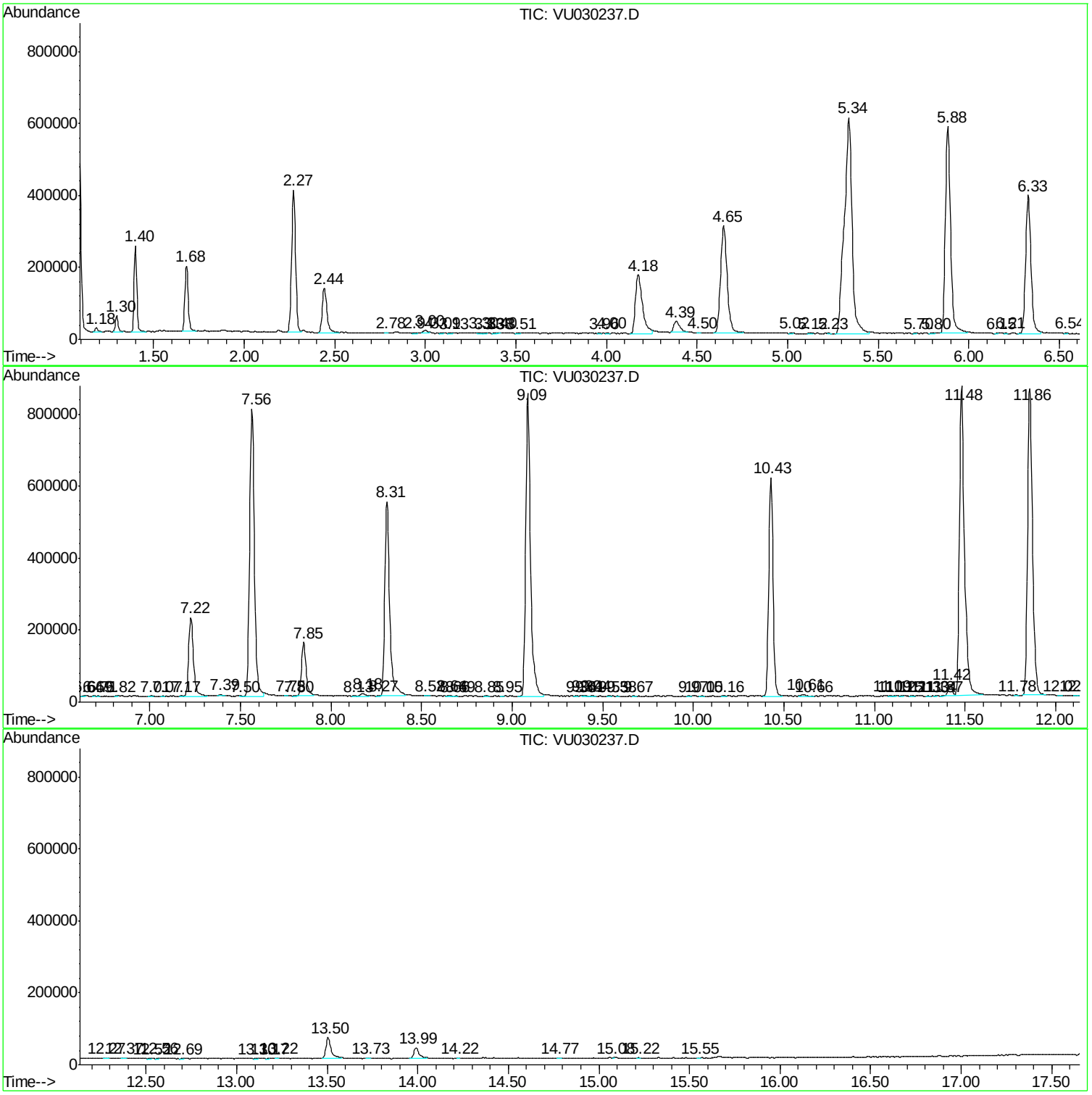
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
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Quant Title : VOC Analysis

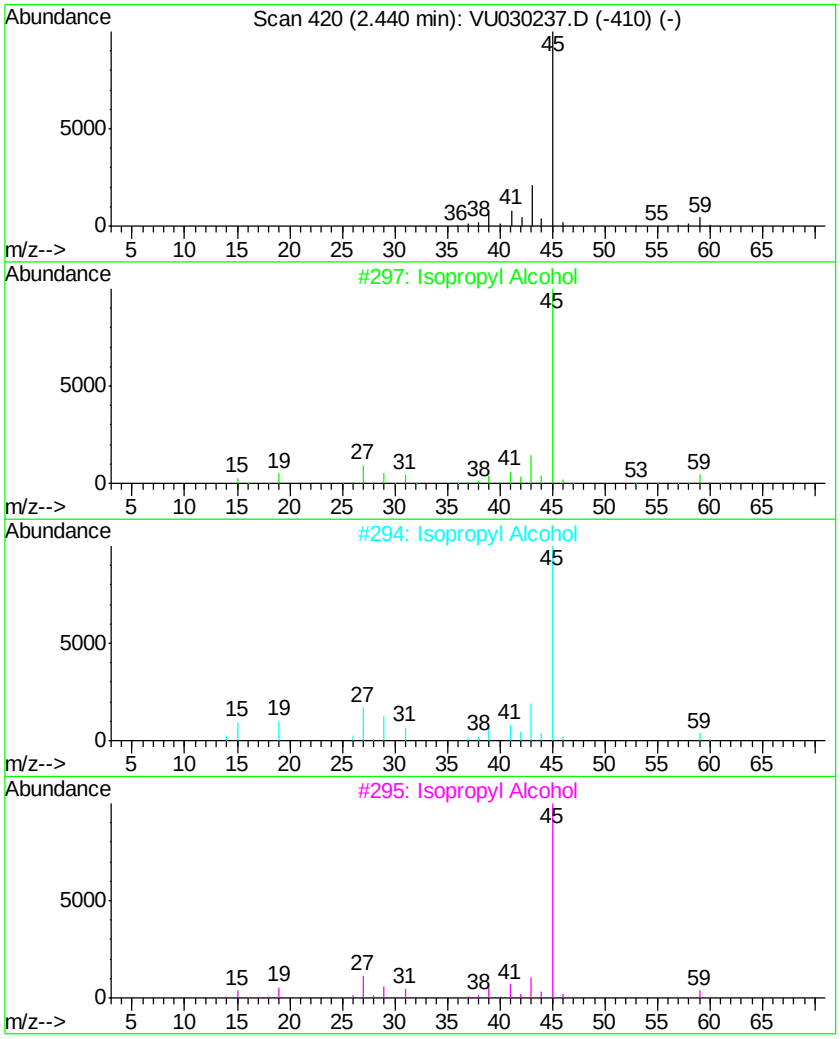
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

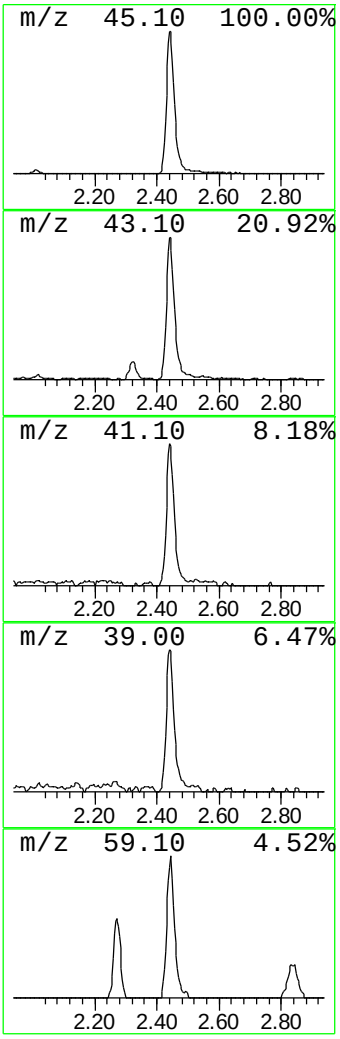
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	9.73 ug/L	225501	1,4-Difluorobenzene	5.88

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	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40





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

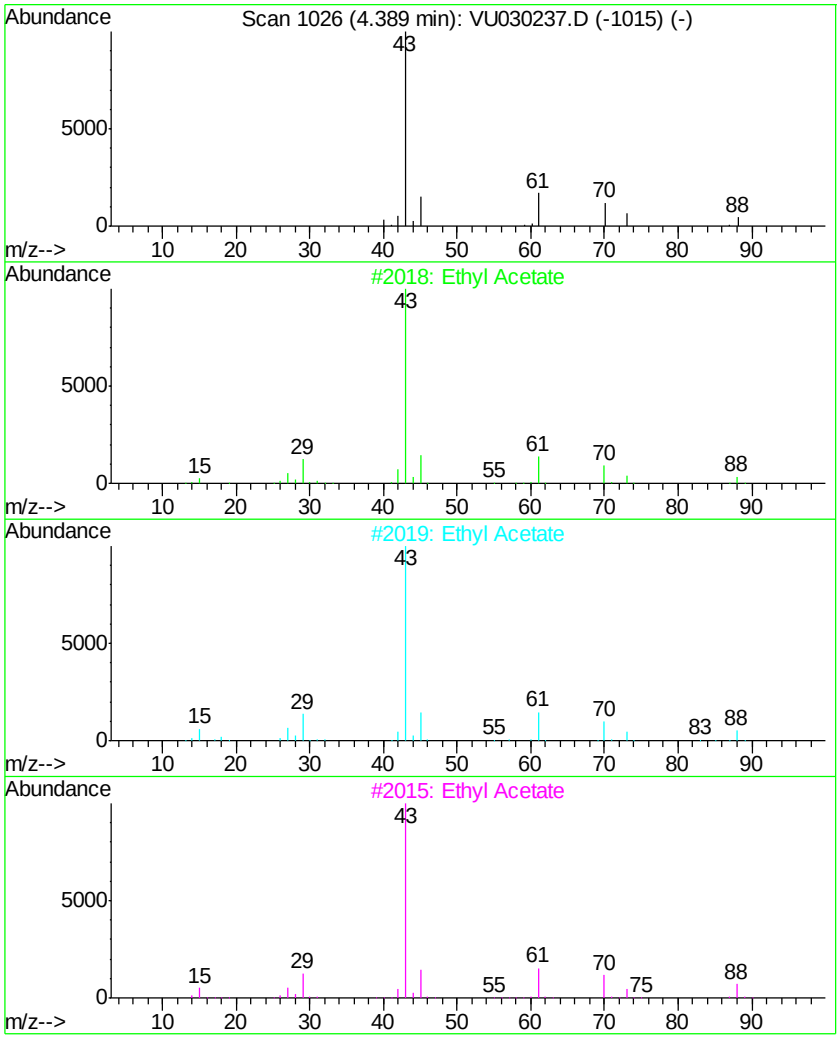
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

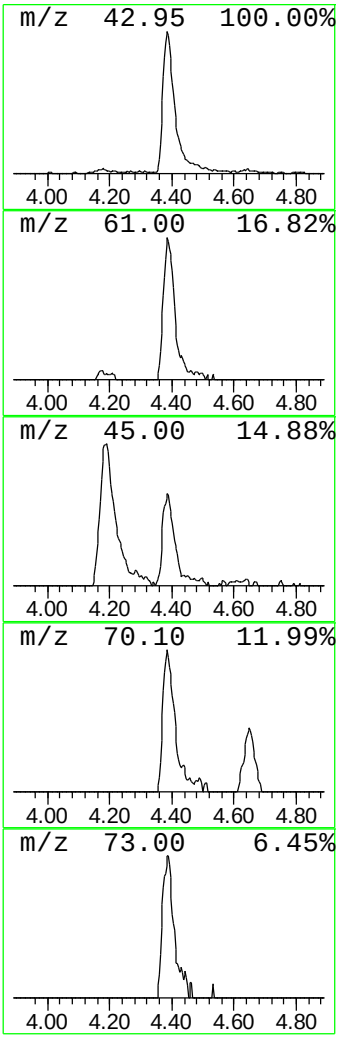
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.20 ug/L	74219	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	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	78
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9





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	2.44	9.7	ug/L	225501	1	5.88	1158940	50.0
Ethyl Acetate	4.39	3.2	ug/L	74219	1	5.88	1158940	50.0