

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030240.D
 Acq On : 20 Mar 2019 22:04
 Operator : JC/SP
 Sample : K2022-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09A3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	44	rVB2	15328	18678	1.08%	0.123%
2	1.399	89	96	105	rBV	239068	249217	14.37%	1.644%
3	1.682	177	184	218	rVB	195724	311570	17.97%	2.055%
4	2.273	357	368	377	rBV	371190	573351	33.07%	3.782%
5	2.321	378	383	395	rVB	54191	81994	4.73%	0.541%
6	2.440	409	420	446	rBV	316051	562784	32.46%	3.712%
7	3.000	585	594	610	rVB	33621	71883	4.15%	0.474%
8	3.112	626	629	634	rBV2	1413	1365	0.08%	0.009%
9	3.440	727	731	734	rBV3	1355	1228	0.07%	0.008%
10	3.505	746	751	753	rBV2	1308	913	0.05%	0.006%
11	3.572	759	772	774	rBV2	1905	3425	0.20%	0.023%
12	3.649	791	796	799	rBV2	1039	1216	0.07%	0.008%
13	3.784	835	838	840	rBV	1350	874	0.05%	0.006%
14	3.871	862	865	868	rVB	1211	803	0.05%	0.005%
15	4.022	904	912	915	rBV	1384	1665	0.10%	0.011%
16	4.051	918	921	928	rVB	2083	2493	0.14%	0.016%
17	4.173	940	959	989	rBV	164079	441328	25.45%	2.911%
18	4.386	1014	1025	1045	rBV3	33198	80295	4.63%	0.530%
19	4.582	1080	1086	1089	rBV2	1465	1519	0.09%	0.010%
20	4.646	1090	1106	1133	rVV	282212	682594	39.37%	4.502%
21	4.862	1170	1173	1177	rBV2	1133	1039	0.06%	0.007%
22	5.051	1230	1232	1237	rBV	824	812	0.05%	0.005%
23	5.170	1265	1269	1272	rBV	843	891	0.05%	0.006%
24	5.337	1298	1321	1358	rBV2	580438	1733907	100.00%	11.437%
25	5.579	1388	1396	1400	rBV3	2856	4020	0.23%	0.027%
26	5.633	1411	1413	1419	rVB2	1312	1100	0.06%	0.007%
27	5.730	1437	1443	1444	rBV	1215	1175	0.07%	0.008%
28	5.884	1475	1491	1516	rBV	562172	1135116	65.47%	7.487%
29	6.196	1585	1588	1592	rVV	1860	1437	0.08%	0.009%
30	6.254	1602	1606	1608	rBV	1093	800	0.05%	0.005%
31	6.328	1614	1629	1660	rBV	376700	776598	44.79%	5.123%
32	6.585	1705	1709	1713	rBV	1384	1499	0.09%	0.010%
33	6.643	1721	1727	1728	rBV2	965	866	0.05%	0.006%
34	6.781	1765	1770	1772	rBV	1312	1266	0.07%	0.008%

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 Title : VOC Analysis

35	6.833	1781	1786	1790	rBV2	955	1201	0.07%	0.008%
36	6.858	1791	1794	1797	rBV2	1148	795	0.05%	0.005%
37	6.996	1833	1837	1839	rBV2	1172	879	0.05%	0.006%
38	7.013	1839	1842	1845	rVB	1480	1111	0.06%	0.007%
39	7.061	1855	1857	1865	rVB2	1571	1660	0.10%	0.011%
40	7.109	1865	1872	1877	rBV	1746	2120	0.12%	0.014%
41	7.160	1885	1888	1893	rBV	1029	833	0.05%	0.005%
42	7.225	1897	1908	1936	rBV	210041	388182	22.39%	2.561%
43	7.398	1954	1962	1966	rVB6	2074	2784	0.16%	0.018%
44	7.431	1966	1972	1974	rBV2	1546	1242	0.07%	0.008%
45	7.562	1999	2013	2050	rVV	776438	1400351	80.76%	9.237%
46	7.762	2072	2075	2082	rVB	2223	2499	0.14%	0.016%
47	7.849	2091	2102	2130	rBV	145143	262845	15.16%	1.734%
48	8.058	2164	2167	2173	rBV	1130	967	0.06%	0.006%
49	8.093	2175	2178	2183	rBV3	1005	906	0.05%	0.006%
50	8.177	2194	2204	2214	rVB3	6852	13275	0.77%	0.088%
51	8.308	2234	2245	2275	rBV	552139	998806	57.60%	6.588%
52	8.527	2308	2313	2316	rVB	934	846	0.05%	0.006%
53	8.656	2351	2353	2356	rBV2	1505	865	0.05%	0.006%
54	8.678	2356	2360	2364	rVV	1520	1299	0.07%	0.009%
55	8.775	2385	2390	2393	rBV2	1383	1363	0.08%	0.009%
56	8.884	2419	2424	2427	rBV	817	782	0.05%	0.005%
57	8.964	2444	2449	2451	rBV	1530	1396	0.08%	0.009%
58	9.086	2474	2487	2527	rVV	827930	1441731	83.15%	9.510%
59	9.369	2570	2575	2576	rBV	1249	1090	0.06%	0.007%
60	9.463	2598	2604	2608	rVB	1304	1226	0.07%	0.008%
61	9.485	2608	2611	2614	rBV	1152	918	0.05%	0.006%
62	9.543	2626	2629	2631	rBV	1121	733	0.04%	0.005%
63	9.556	2631	2633	2639	rVV	1476	1687	0.10%	0.011%
64	9.585	2639	2642	2648	rVB	1938	1546	0.09%	0.010%
65	9.755	2690	2695	2698	rBV	848	741	0.04%	0.005%
66	9.951	2752	2756	2760	rVB	1700	1407	0.08%	0.009%
67	9.980	2760	2765	2769	rBV	1902	1745	0.10%	0.012%
68	10.057	2786	2789	2793	rVB	991	726	0.04%	0.005%
69	10.106	2797	2804	2809	rBV2	1255	1702	0.10%	0.011%
70	10.141	2812	2815	2818	rVB	1416	854	0.05%	0.006%
71	10.180	2823	2827	2833	rVB3	1706	1673	0.10%	0.011%

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72	10.347	2876	2879	2883	rBV	1616	998	0.06%	0.007%
73	10.427	2891	2904	2927	rVV	590117	962341	55.50%	6.348%
74	10.607	2953	2960	2969	rVB3	4655	5787	0.33%	0.038%
75	10.720	2992	2995	2997	rBV	1394	865	0.05%	0.006%
76	10.836	3028	3031	3035	rVB2	996	742	0.04%	0.005%
77	10.874	3039	3043	3049	rVV	1541	1450	0.08%	0.010%
78	10.958	3065	3069	3072	rBV2	834	803	0.05%	0.005%
79	11.295	3169	3174	3177	rBV	1753	1900	0.11%	0.013%
80	11.418	3202	3212	3220	rBV3	9465	17293	1.00%	0.114%
81	11.482	3220	3232	3253	rVV	825479	1426843	82.29%	9.412%
82	11.672	3287	3291	3295	rBV4	1212	1296	0.07%	0.009%
83	11.713	3300	3304	3307	rBV2	929	862	0.05%	0.006%
84	11.762	3315	3319	3320	rBV2	1535	904	0.05%	0.006%
85	11.858	3337	3349	3375	rBV	799151	1395966	80.51%	9.208%
86	12.209	3455	3458	3461	rBV2	1315	917	0.05%	0.006%
87	12.540	3557	3561	3567	rVB2	1301	1690	0.10%	0.011%
88	12.675	3600	3603	3611	rVB	1434	1589	0.09%	0.010%
89	12.736	3619	3622	3625	rBV	1182	868	0.05%	0.006%
90	12.835	3649	3653	3660	rBV	1375	1744	0.10%	0.012%
91	12.922	3677	3680	3684	rBV	1655	1324	0.08%	0.009%
92	13.012	3706	3708	3715	rVB2	965	892	0.05%	0.006%
93	13.138	3743	3747	3750	rBV	1211	941	0.05%	0.006%
94	13.459	3840	3847	3850	rBV2	2312	2802	0.16%	0.018%
95	13.511	3855	3863	3876	rVV5	10937	22976	1.33%	0.152%
96	13.835	3960	3964	3973	rBV2	1585	2275	0.13%	0.015%
97	13.884	3976	3979	3983	rBV2	1134	859	0.05%	0.006%
98	13.990	4004	4012	4016	rBV8	4252	6655	0.38%	0.044%
99	14.218	4080	4083	4087	rBV2	1254	1098	0.06%	0.007%
100	14.347	4121	4123	4128	rVB	1706	1196	0.07%	0.008%

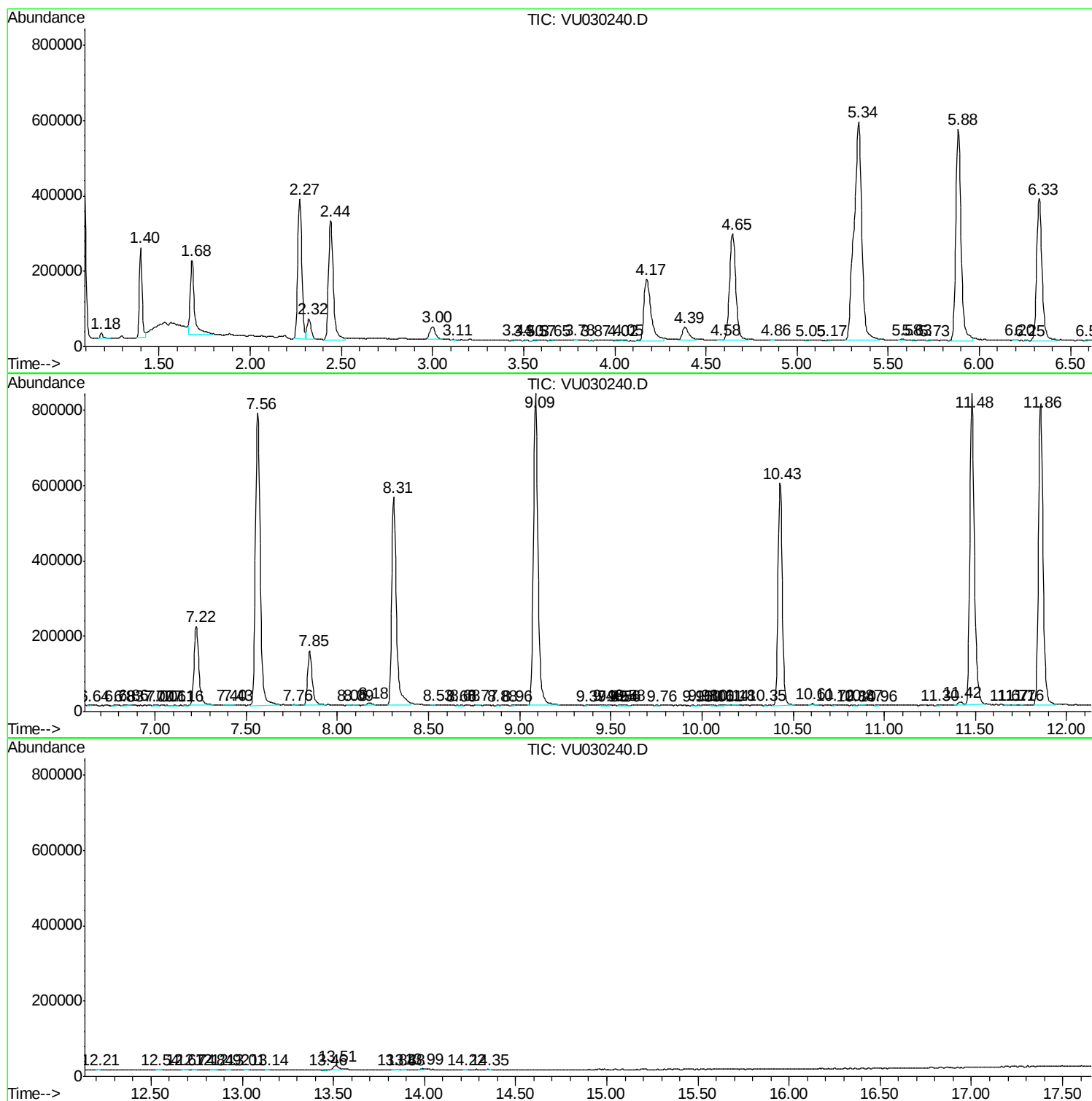
Sum of corrected areas: 15160383

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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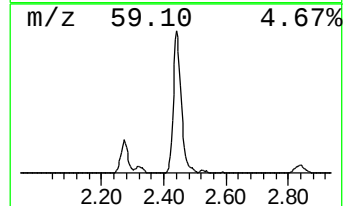
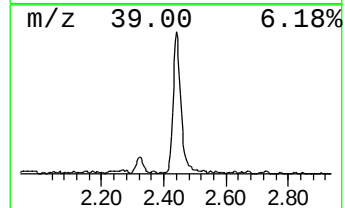
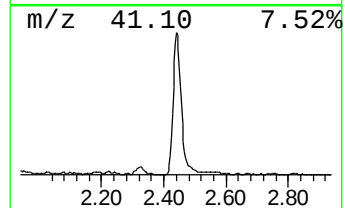
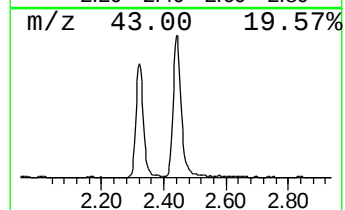
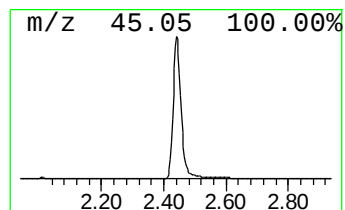
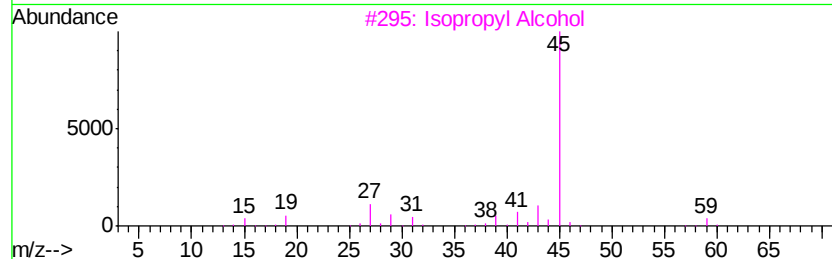
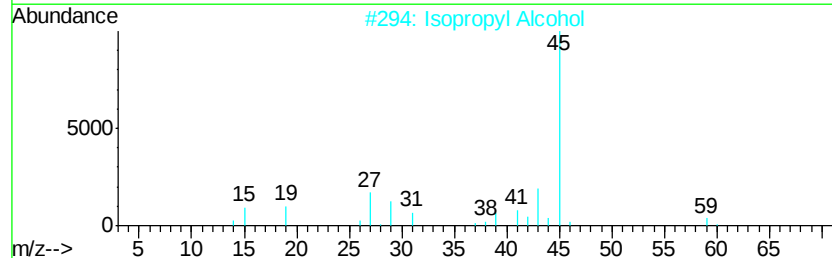
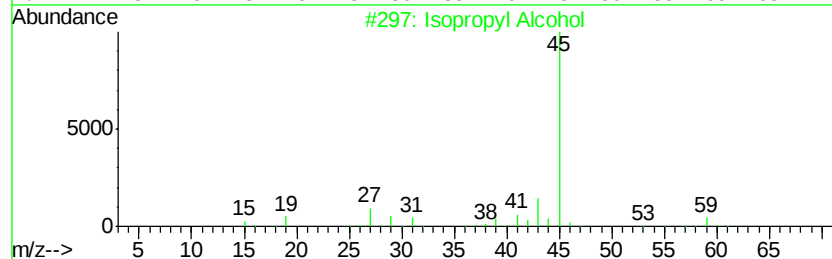
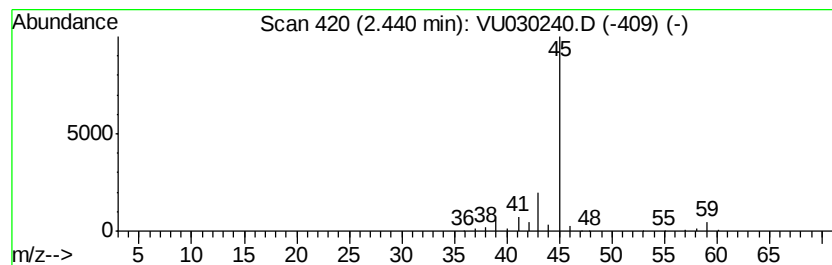
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	24.79 ug/L	562784	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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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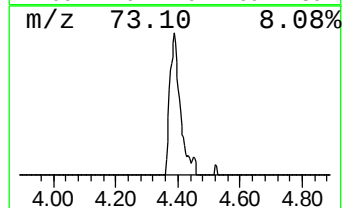
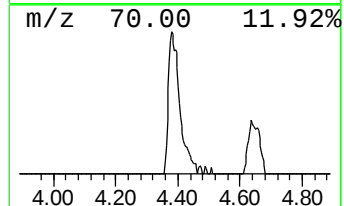
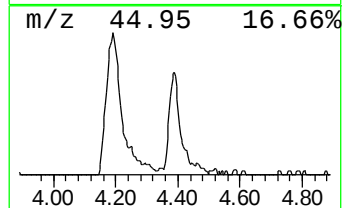
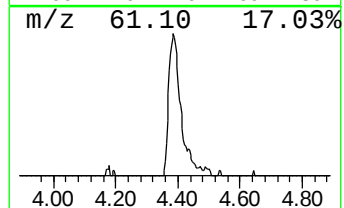
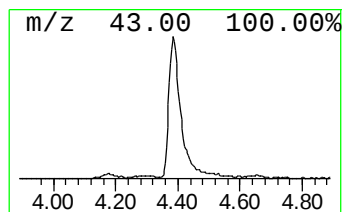
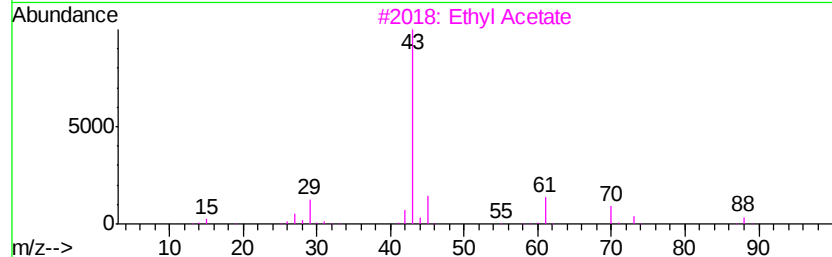
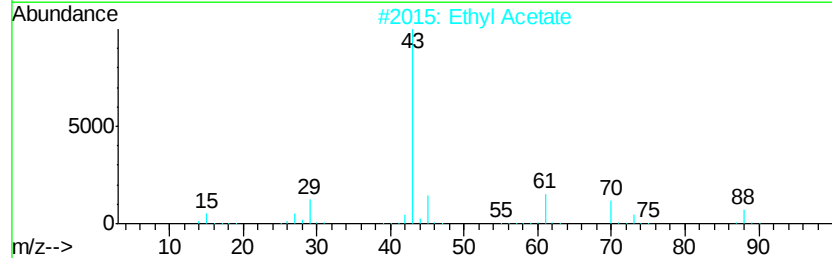
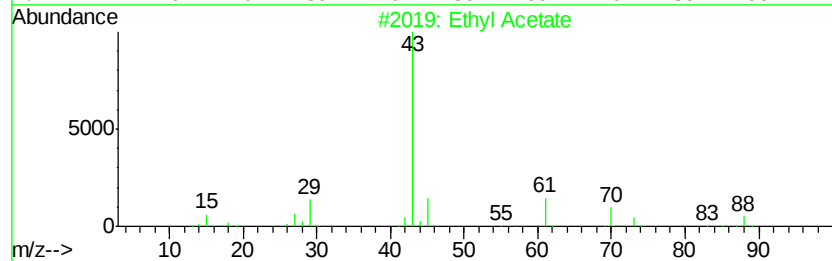
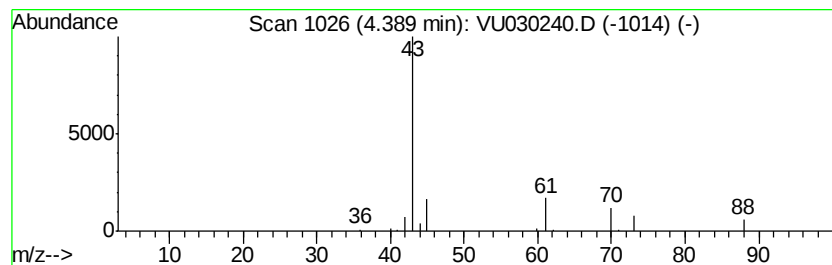
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Quant Title : VOC Analysis

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	3.54 ug/L	80295	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	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	78
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.44	24.8	ug/L	562784	1	5.88	1135120	50.0
Ethyl Acetate	4.39	3.5	ug/L	80295	1	5.88	1135120	50.0