

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030369.D
 Acq On : 24 Mar 2019 14:39
 Operator : JC/SP
 Sample : K2016-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0980

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\SOMULM032319WMA.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	25	29	38	rVB2	15169	14093	0.13%	0.044%
2	1.399	89	96	113	rBV	222455	226083	2.15%	0.707%
3	1.675	174	182	196	rVB	159271	210997	2.01%	0.660%
4	2.087	307	310	314	rBV2	2234	1552	0.01%	0.005%
5	2.270	356	367	379	rBV	347855	524881	5.00%	1.642%
6	2.444	411	421	439	rBV	55814	100591	0.96%	0.315%
7	2.740	510	513	521	rVB	2473	3123	0.03%	0.010%
8	2.775	521	524	527	rBV	1197	1073	0.01%	0.003%
9	2.836	527	543	563	rVV	124106	270801	2.58%	0.847%
10	2.933	571	573	578	rVB	2611	2172	0.02%	0.007%
11	2.965	578	583	585	rBV2	1933	1602	0.02%	0.005%
12	3.000	592	594	600	rVB2	1855	1390	0.01%	0.004%
13	3.064	609	614	617	rBV	1298	1569	0.01%	0.005%
14	3.090	618	622	626	rVV	1019	1039	0.01%	0.003%
15	3.193	647	654	659	rVV4	1974	2843	0.03%	0.009%
16	3.469	737	740	743	rVB	2032	1348	0.01%	0.004%
17	3.492	743	747	750	rBV	1496	1255	0.01%	0.004%
18	3.582	769	775	777	rBV	1358	1414	0.01%	0.004%
19	3.608	777	783	788	rVB	2084	2889	0.03%	0.009%
20	3.637	788	792	796	rBV	1362	1214	0.01%	0.004%
21	3.736	819	823	827	rBV	1862	1586	0.02%	0.005%
22	3.797	838	842	845	rVB	1469	1218	0.01%	0.004%
23	3.846	851	857	859	rBV2	1357	1508	0.01%	0.005%
24	3.977	891	898	905	rVB	1791	2912	0.03%	0.009%
25	4.022	908	912	915	rBV	1228	1023	0.01%	0.003%
26	4.051	915	921	928	rVB	2230	2580	0.02%	0.008%
27	4.180	945	961	1005	rBV3	237242	760904	7.25%	2.380%
28	4.383	1017	1024	1045	rVB	26306	58730	0.56%	0.184%
29	4.643	1086	1105	1132	rBV	260833	625333	5.96%	1.956%
30	4.965	1203	1205	1211	rVB	1596	1361	0.01%	0.004%
31	5.135	1254	1258	1263	rBV	1604	1554	0.01%	0.005%
32	5.228	1283	1287	1292	rVB2	1600	1987	0.02%	0.006%
33	5.338	1298	1321	1331	rBV2	549154	1618996	15.42%	5.064%
34	5.563	1385	1391	1393	rBV2	1633	1741	0.02%	0.005%

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35	5.756	1444	1451	1455	rBV2	1101	1540	0.01%	0.005%
36	5.884	1477	1491	1518	rBV	489550	985510	9.39%	3.082%
37	6.257	1600	1607	1612	rBV	1834	2514	0.02%	0.008%
38	6.328	1614	1629	1653	rBV	366525	753502	7.18%	2.357%
39	6.575	1700	1706	1712	rBV	2098	2887	0.03%	0.009%
40	6.723	1748	1752	1755	rBV	1614	1757	0.02%	0.005%
41	6.788	1765	1772	1773	rBV	1411	1343	0.01%	0.004%
42	6.817	1777	1781	1784	rVB	1349	1055	0.01%	0.003%
43	6.846	1784	1790	1793	rBV	1348	1751	0.02%	0.005%
44	7.006	1836	1840	1844	rVB2	1577	1451	0.01%	0.005%
45	7.186	1893	1896	1897	rBV	1668	1026	0.01%	0.003%
46	7.225	1897	1908	1925	rVV	182078	335696	3.20%	1.050%
47	7.386	1950	1958	1969	rVV5	5652	9889	0.09%	0.031%
48	7.431	1969	1972	1978	rVV	1031	1120	0.01%	0.004%
49	7.563	1998	2013	2044	rBV	686282	1250965	11.91%	3.913%
50	7.849	2091	2102	2121	rBV	127028	230992	2.20%	0.722%
51	8.077	2168	2173	2176	rBV	1331	1226	0.01%	0.004%
52	8.177	2199	2204	2207	rVV3	3420	3040	0.03%	0.010%
53	8.308	2233	2245	2274	rBV	531953	981954	9.35%	3.071%
54	8.636	2344	2347	2357	rVB	2209	2674	0.03%	0.008%
55	8.726	2370	2375	2378	rBV	1559	1313	0.01%	0.004%
56	8.839	2406	2410	2412	rVB	1764	1213	0.01%	0.004%
57	8.862	2412	2417	2421	rBV	1617	1701	0.02%	0.005%
58	8.945	2441	2443	2448	rVB	2026	1606	0.02%	0.005%
59	8.971	2448	2451	2456	rBV2	1384	1471	0.01%	0.005%
60	9.116	2470	2496	2540	rBV2	5568659	10500602	100.00%	32.842%
61	9.376	2568	2577	2584	rBV3	3142	5370	0.05%	0.017%
62	9.476	2602	2608	2612	rBV	1503	1752	0.02%	0.005%
63	9.543	2625	2629	2632	rVB	1463	1280	0.01%	0.004%
64	9.579	2637	2640	2642	rBV	1604	1199	0.01%	0.004%
65	9.694	2672	2676	2680	rBV	1337	1364	0.01%	0.004%
66	9.784	2701	2704	2707	rVB	1928	1289	0.01%	0.004%
67	9.884	2730	2735	2736	rBV	1710	1080	0.01%	0.003%
68	10.064	2786	2791	2794	rBV	1027	1073	0.01%	0.003%
69	10.099	2799	2802	2805	rVV	1587	1088	0.01%	0.003%
70	10.167	2814	2823	2828	rBV	2020	3329	0.03%	0.010%
71	10.427	2892	2904	2924	rBV	475923	776648	7.40%	2.429%

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72	10.556	2941	2944	2948	rBV	2091	1438	0.01%	0.004%
73	10.675	2978	2981	2987	rVB3	1363	1350	0.01%	0.004%
74	10.787	3012	3016	3021	rVB2	1611	1585	0.02%	0.005%
75	10.878	3037	3044	3048	rBV	1532	1769	0.02%	0.006%
76	10.948	3064	3066	3070	rVV	1794	1072	0.01%	0.003%
77	11.038	3084	3094	3099	rBV	1875	3455	0.03%	0.011%
78	11.083	3105	3108	3112	rVB	1563	1093	0.01%	0.003%
79	11.112	3112	3117	3120	rBV	1521	1466	0.01%	0.005%
80	11.414	3199	3211	3221	rBV	319686	501627	4.78%	1.569%
81	11.501	3221	3238	3272	rVB2	2281387	4585708	43.67%	14.343%
82	11.781	3322	3325	3332	rVB	1958	1822	0.02%	0.006%
83	11.874	3333	3354	3379	rBV3	3503182	6455303	61.48%	20.190%
84	12.154	3438	3441	3446	rBV	1428	1438	0.01%	0.004%
85	12.244	3466	3469	3473	rBV	1201	1130	0.01%	0.004%
86	12.360	3499	3505	3506	rBV	1421	1412	0.01%	0.004%
87	12.373	3506	3509	3513	rVB	1609	1238	0.01%	0.004%
88	12.543	3557	3562	3565	rBV	2103	1873	0.02%	0.006%
89	12.726	3615	3619	3621	rBV	2010	1482	0.01%	0.005%
90	12.990	3696	3701	3706	rBV	1273	1282	0.01%	0.004%
91	13.035	3712	3715	3718	rBV2	1388	1027	0.01%	0.003%
92	13.106	3733	3737	3741	rBV2	1555	1528	0.01%	0.005%
93	13.504	3853	3861	3880	rBV2	30301	62239	0.59%	0.195%
94	13.630	3897	3900	3906	rBV	1887	2004	0.02%	0.006%
95	13.842	3959	3966	3970	rBV2	2398	2905	0.03%	0.009%
96	14.443	4150	4153	4160	rBV	1764	2163	0.02%	0.007%
97	14.723	4236	4240	4243	rBV2	1355	1056	0.01%	0.003%
98	14.842	4273	4277	4281	rBV	1102	1078	0.01%	0.003%
99	14.864	4281	4284	4288	rBV	1220	1240	0.01%	0.004%
100	14.948	4306	4310	4312	rBV2	1767	1379	0.01%	0.004%

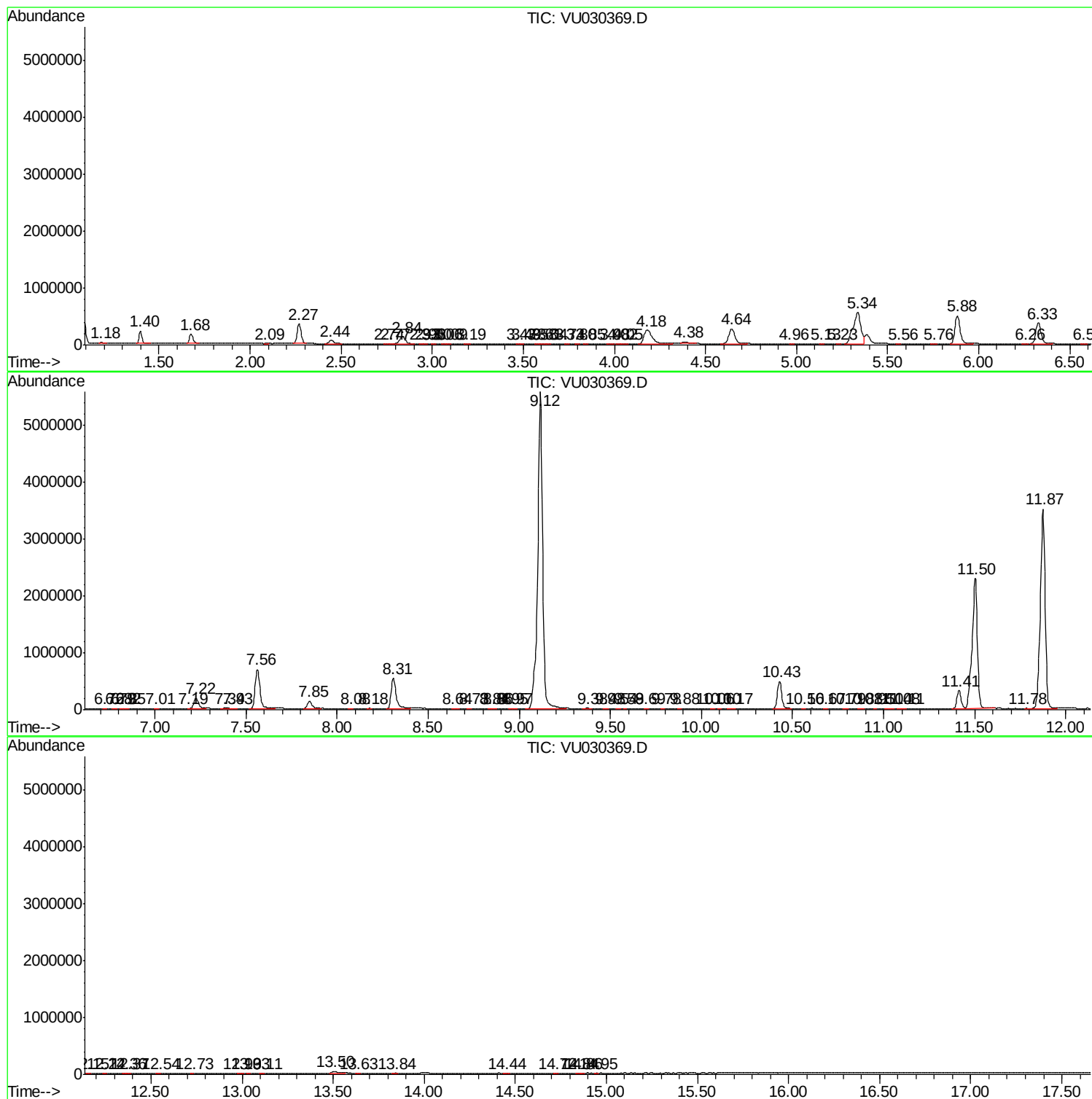
Sum of corrected areas: 31972794

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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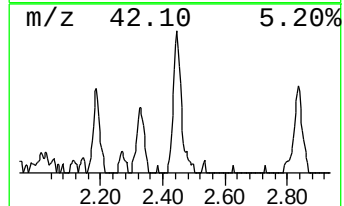
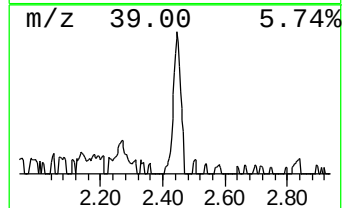
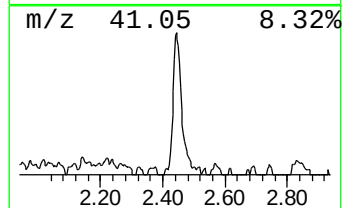
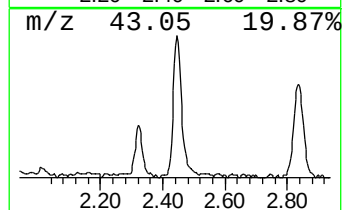
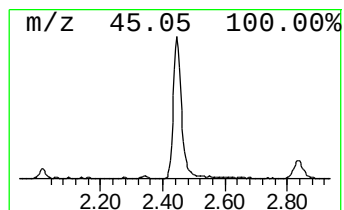
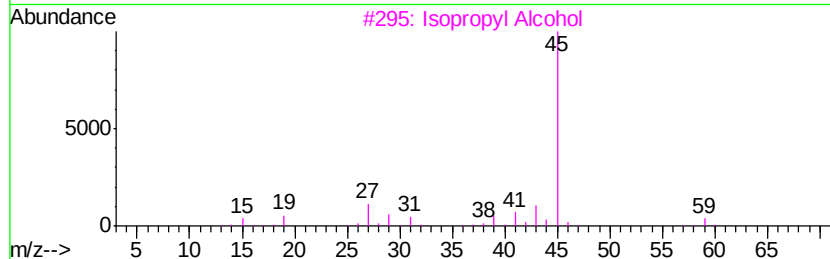
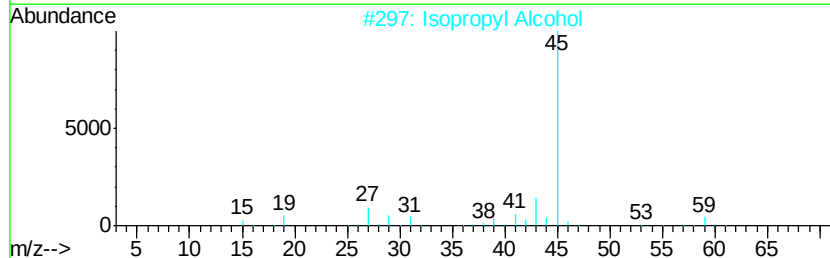
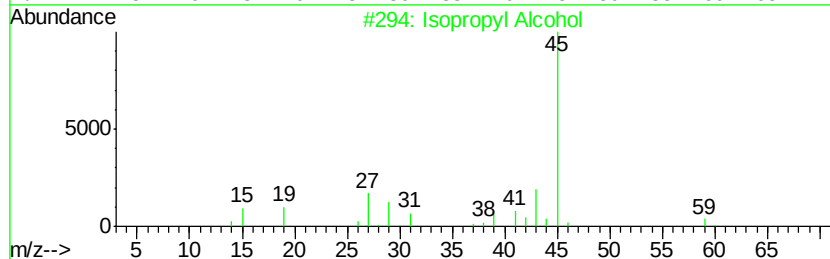
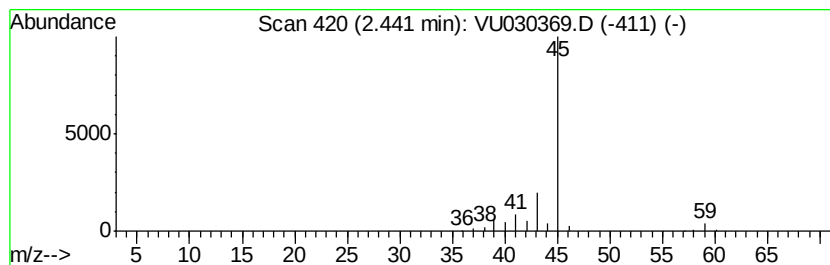
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.10 ug/L	100591	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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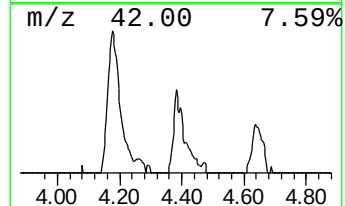
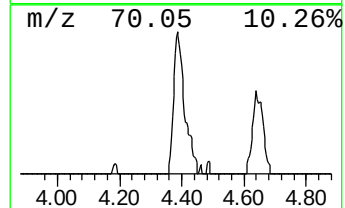
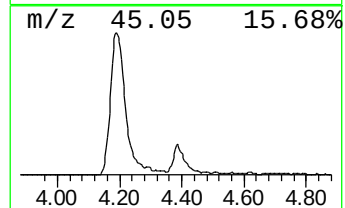
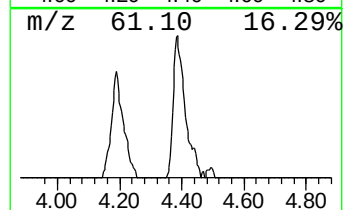
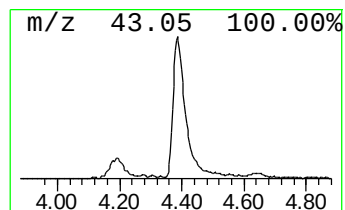
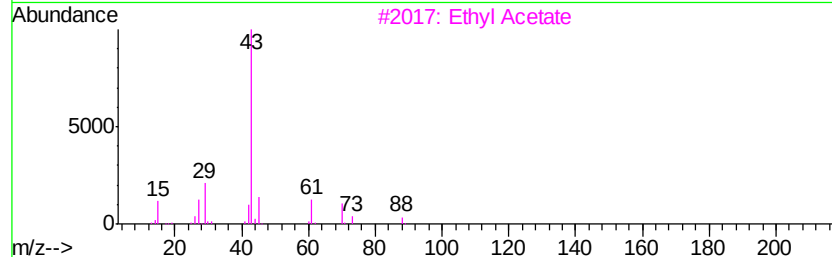
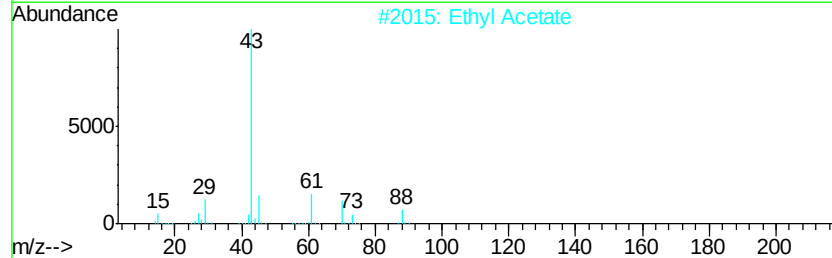
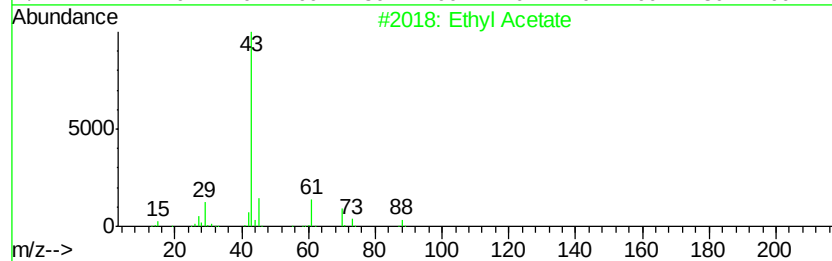
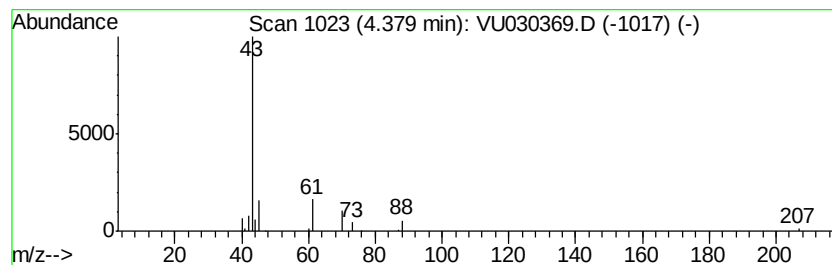
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Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	2.98 ug/L	58730	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	83	
3	Ethyl Acetate	88	C4H8O2	000141-78-6	83	
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78	
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.44	5.1	ug/L	100591	1	5.88	985510	50.0
Ethyl Acetate	4.38	3.0	ug/L	58730	1	5.88	985510	50.0