

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033419.D
 Acq On : 25 Jul 2019 19:11
 Operator : JC/SP
 Sample : K3957-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A07

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\SOMULM071219WMA.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	1.174	23	26	33	rBV3	2347	2235	0.19%	0.023%
2	1.389	86	93	105	rBV	203349	207231	17.57%	2.094%
3	1.540	135	140	148	rVB	19487	23002	1.95%	0.232%
4	1.669	172	180	197	rBV	155571	200815	17.02%	2.029%
5	2.254	352	362	373	rBV	286074	446031	37.81%	4.507%
6	2.309	374	379	389	rVB3	13968	21387	1.81%	0.216%
7	2.428	405	416	437	rBV	64093	115461	9.79%	1.167%
8	2.704	501	502	509	rVB3	435	284	0.02%	0.003%
9	2.736	509	512	515	rVV2	313	239	0.02%	0.002%
10	2.768	518	522	528	rVV3	348	361	0.03%	0.004%
11	2.810	528	535	548	rVB3	1325	2653	0.22%	0.027%
12	2.955	578	580	587	rVB2	207	236	0.02%	0.002%
13	2.984	587	589	593	rBV2	395	302	0.03%	0.003%
14	3.167	643	646	651	rVB2	215	212	0.02%	0.002%
15	3.196	651	655	660	rBV2	235	196	0.02%	0.002%
16	3.238	661	668	674	rBV3	431	381	0.03%	0.004%
17	3.360	702	706	712	rBV2	281	231	0.02%	0.002%
18	3.945	882	888	891	rVV3	403	414	0.04%	0.004%
19	3.958	891	892	902	rVB3	256	281	0.02%	0.003%
20	4.151	937	952	999	rBV	88947	268201	22.74%	2.710%
21	4.354	1004	1015	1049	rVB	68644	168270	14.27%	1.700%
22	4.620	1082	1098	1128	rVB	188599	468597	39.73%	4.735%
23	4.784	1145	1149	1152	rVB3	525	379	0.03%	0.004%
24	4.804	1152	1155	1158	rBV4	299	221	0.02%	0.002%
25	4.858	1167	1172	1176	rBV4	681	691	0.06%	0.007%
26	4.907	1183	1187	1189	rBV	437	211	0.02%	0.002%
27	4.939	1192	1197	1200	rVV3	431	390	0.03%	0.004%
28	4.955	1200	1202	1203	rVV	534	288	0.02%	0.003%
29	4.977	1206	1209	1213	rVB4	739	585	0.05%	0.006%
30	5.125	1250	1255	1258	rBV2	303	257	0.02%	0.003%
31	5.315	1290	1314	1355	rBV2	394833	1179536	100.00%	11.920%
32	5.466	1359	1361	1364	rVV	973	770	0.07%	0.008%
33	5.482	1364	1366	1371	rVV4	1029	912	0.08%	0.009%
34	5.511	1372	1375	1379	rVV3	587	399	0.03%	0.004%

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 Title : VOC Analysis

35	5.553	1384	1388	1389	rVV2	311	203	0.02%	0.002%
36	5.579	1393	1396	1398	rVB2	379	165	0.01%	0.002%
37	5.736	1440	1445	1448	rVV2	277	282	0.02%	0.003%
38	5.865	1469	1485	1518	rBV	323311	656268	55.64%	6.632%
39	6.164	1564	1578	1599	rBV	316630	618958	52.47%	6.255%
40	6.308	1609	1623	1654	rVB	260543	520611	44.14%	5.261%
41	6.649	1727	1729	1732	rVV2	347	183	0.02%	0.002%
42	6.665	1732	1734	1742	rVB	286	209	0.02%	0.002%
43	6.755	1759	1762	1766	rVB3	356	281	0.02%	0.003%
44	6.845	1787	1790	1793	rVB2	264	177	0.02%	0.002%
45	6.955	1822	1824	1829	rVB2	257	199	0.02%	0.002%
46	7.209	1891	1903	1923	rBV	140302	253027	21.45%	2.557%
47	7.395	1957	1961	1967	rVB5	295	391	0.03%	0.004%
48	7.450	1975	1978	1985	rVB3	296	236	0.02%	0.002%
49	7.546	1994	2008	2029	rBV	519305	923111	78.26%	9.329%
50	7.833	2086	2097	2117	rVV	99277	171815	14.57%	1.736%
51	7.993	2144	2147	2152	rVB	404	295	0.03%	0.003%
52	8.132	2187	2190	2192	rVV2	289	206	0.02%	0.002%
53	8.160	2193	2199	2210	rVV4	1617	2853	0.24%	0.029%
54	8.241	2221	2224	2229	rBV3	364	311	0.03%	0.003%
55	8.292	2229	2240	2275	rBV	310905	568477	48.19%	5.745%
56	8.559	2318	2323	2325	rBV3	1234	1041	0.09%	0.011%
57	8.701	2364	2367	2372	rBV3	261	187	0.02%	0.002%
58	9.070	2469	2482	2528	rBV	488424	837320	70.99%	8.462%
59	9.289	2547	2550	2552	rBV2	322	196	0.02%	0.002%
60	9.337	2563	2565	2572	rVB2	229	163	0.01%	0.002%
61	9.373	2572	2576	2580	rBV3	374	319	0.03%	0.003%
62	9.546	2628	2630	2635	rVB2	386	264	0.02%	0.003%
63	9.575	2635	2639	2641	rBV2	172	161	0.01%	0.002%
64	9.604	2644	2648	2651	rBV2	195	162	0.01%	0.002%
65	9.662	2663	2666	2670	rBV	196	195	0.02%	0.002%
66	9.758	2691	2696	2699	rBV2	432	385	0.03%	0.004%
67	9.948	2753	2755	2759	rVV	322	278	0.02%	0.003%
68	9.974	2759	2763	2765	rVV2	344	325	0.03%	0.003%
69	10.022	2775	2778	2781	rVV	229	165	0.01%	0.002%
70	10.058	2785	2789	2796	rBV2	215	179	0.02%	0.002%
71	10.093	2797	2800	2803	rBV2	200	156	0.01%	0.002%

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72	10.199	2829	2833	2834	rBV	859	679	0.06%	0.007%
73	10.357	2878	2882	2888	rVV3	363	357	0.03%	0.004%
74	10.414	2888	2900	2927	rVV	380102	613063	51.97%	6.195%
75	10.511	2927	2930	2936	rVB3	424	480	0.04%	0.005%
76	10.594	2945	2956	2964	rVV4	1492	2471	0.21%	0.025%
77	10.775	3007	3012	3014	rBV3	262	228	0.02%	0.002%
78	10.961	3063	3070	3072	rBV2	427	338	0.03%	0.003%
79	11.041	3092	3095	3099	rBV	310	287	0.02%	0.003%
80	11.196	3140	3143	3146	rBV	253	186	0.02%	0.002%
81	11.405	3205	3208	3210	rBV2	423	265	0.02%	0.003%
82	11.466	3215	3227	3252	rBV	472080	745625	63.21%	7.535%
83	11.694	3295	3298	3301	rBV3	580	503	0.04%	0.005%
84	11.749	3305	3315	3329	rBV5	7339	18635	1.58%	0.188%
85	11.842	3332	3344	3363	rVV	519363	836874	70.95%	8.457%
86	12.170	3444	3446	3449	rBV2	330	170	0.01%	0.002%
87	12.225	3461	3463	3467	rBV	290	209	0.02%	0.002%
88	12.244	3467	3469	3472	rVV3	505	281	0.02%	0.003%
89	12.270	3474	3477	3483	rVB2	670	573	0.05%	0.006%
90	12.360	3503	3505	3509	rBV2	343	175	0.01%	0.002%
91	12.379	3509	3511	3514	rVB2	366	184	0.02%	0.002%
92	12.408	3514	3520	3524	rBV3	554	558	0.05%	0.006%
93	12.585	3573	3575	3577	rVB	386	171	0.01%	0.002%
94	12.643	3590	3593	3598	rBV2	391	375	0.03%	0.004%
95	12.967	3692	3694	3697	rVB2	480	205	0.02%	0.002%
96	13.205	3765	3768	3772	rBV3	285	247	0.02%	0.002%
97	13.273	3787	3789	3791	rBV2	266	173	0.01%	0.002%
98	13.527	3866	3868	3871	rVB	349	179	0.02%	0.002%
99	13.672	3910	3913	3917	rBV	339	259	0.02%	0.003%
100	15.077	4348	4350	4353	rBV4	571	316	0.03%	0.003%

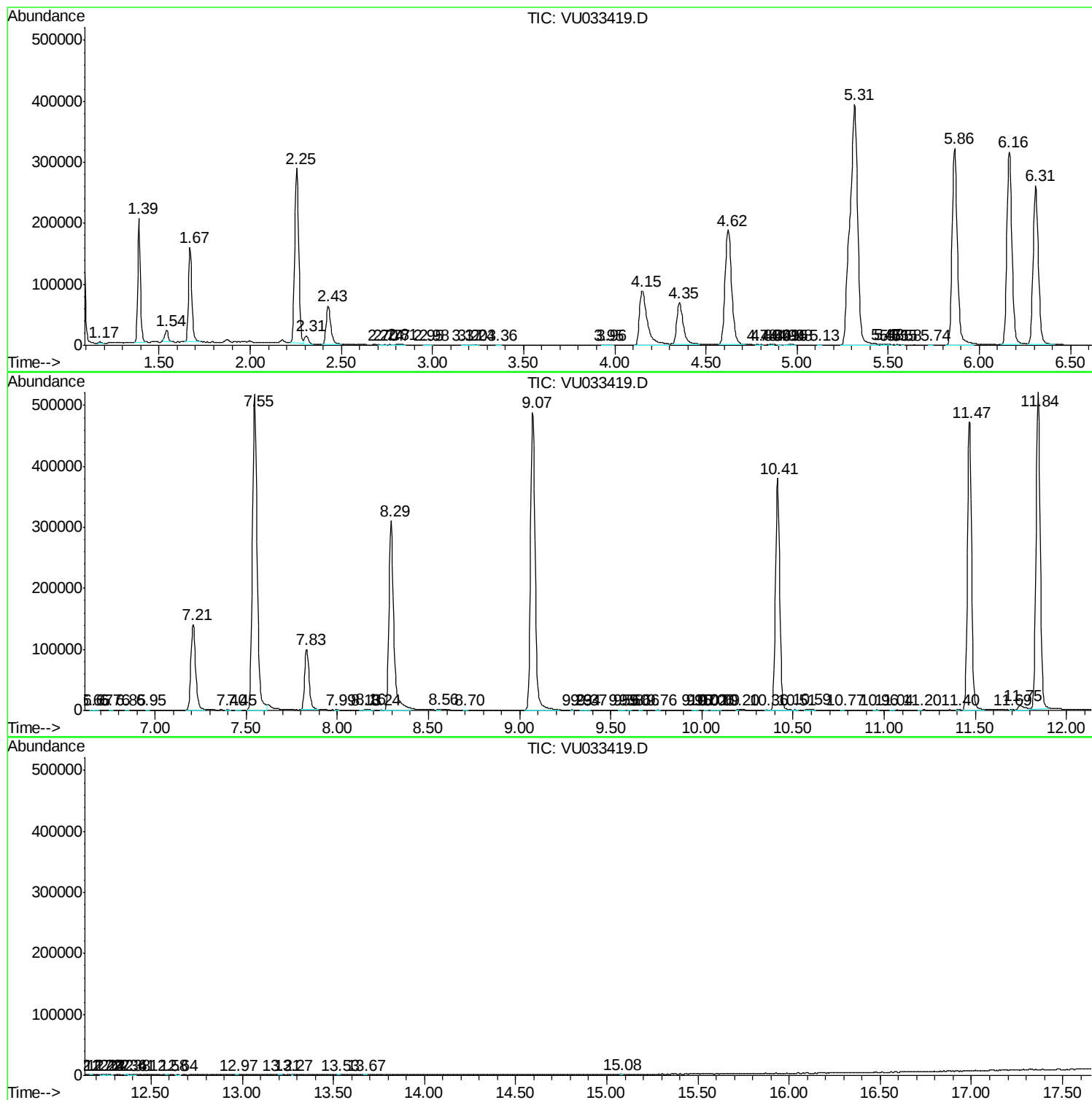
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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



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ClientSampled :
F2A07

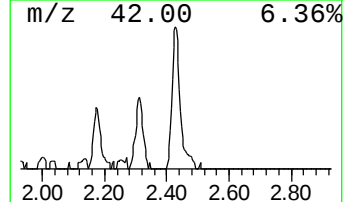
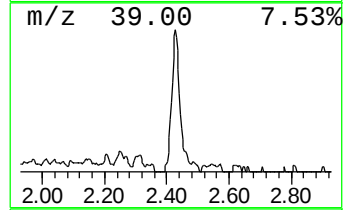
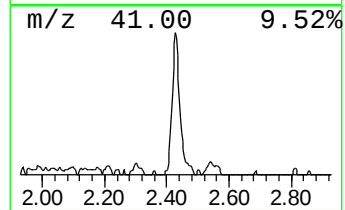
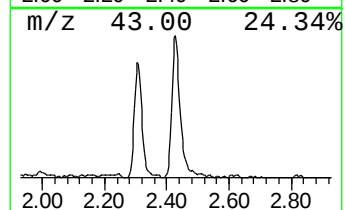
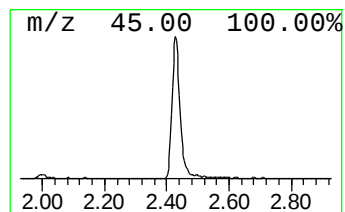
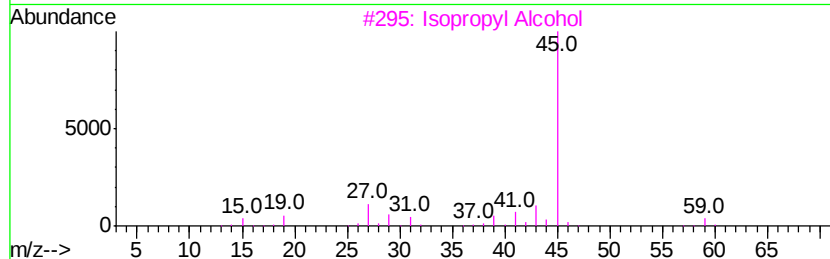
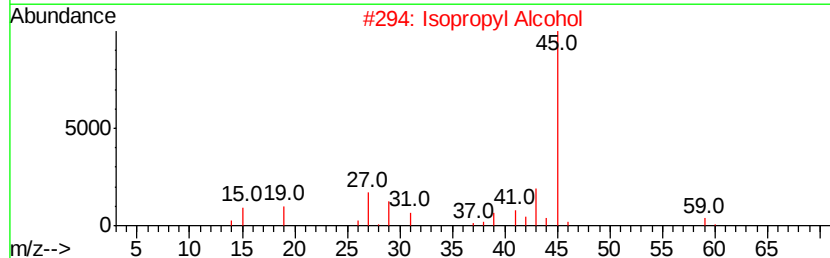
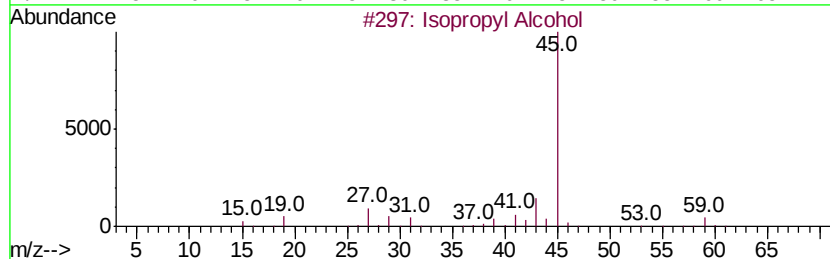
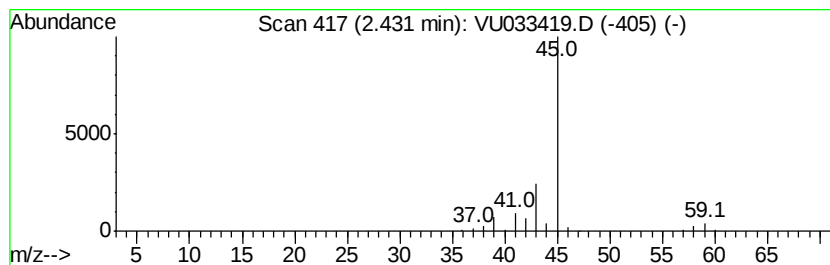
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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.
2.43	8.80 ug/L	115461	1,4-Difluorobenzene	5.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	80
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	9
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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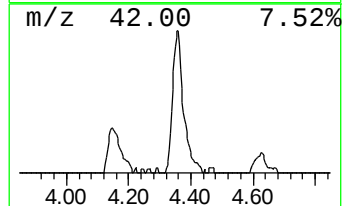
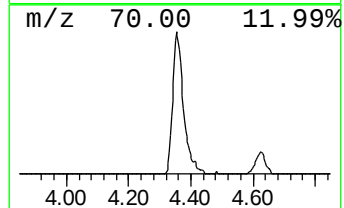
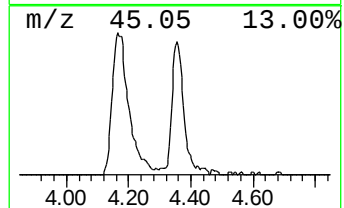
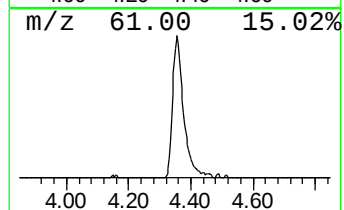
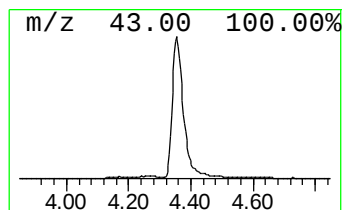
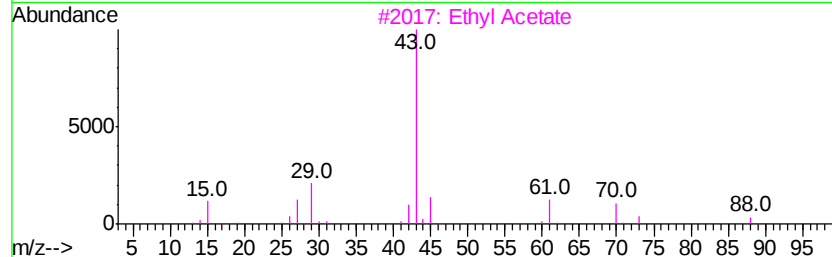
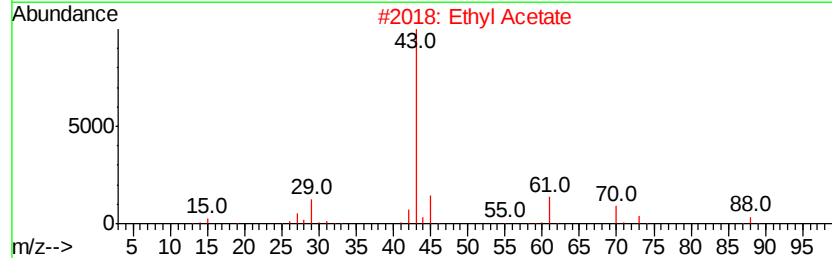
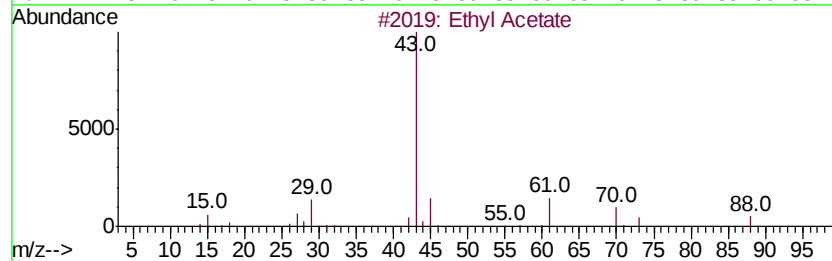
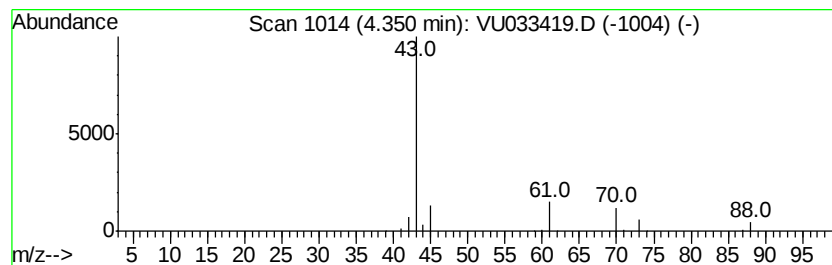
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Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	12.82 ug/L	168270	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	78
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.43	8.8	ug/L	115461	1	5.86	656268	50.0
Ethyl Acetate	4.35	12.8	ug/L	168270	1	5.86	656268	50.0