

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030254.D
 Acq On : 21 Mar 2019 10:49
 Operator : JC/SP
 Sample : K2022-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0965

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	36	rVB3	10730	10924	0.55%	0.067%
2	1.296	58	64	72	rVB	44385	44794	2.27%	0.274%
3	1.399	89	96	110	rBV	310358	305234	15.48%	1.866%
4	1.679	175	183	201	rBV	215217	276347	14.02%	1.689%
5	2.187	338	341	355	rVB5	7010	9848	0.50%	0.060%
6	2.270	355	367	380	rBV	482064	738124	37.44%	4.511%
7	2.441	409	420	439	rBV	106268	188473	9.56%	1.152%
8	2.762	517	520	527	rVB	1667	1803	0.09%	0.011%
9	2.907	561	565	569	rBV	1293	1052	0.05%	0.006%
10	2.949	574	578	581	rBV	1372	1212	0.06%	0.007%
11	3.000	586	594	605	rVB4	6618	13343	0.68%	0.082%
12	3.543	759	763	767	rBV	1642	1264	0.06%	0.008%
13	3.637	790	792	797	rVB	1481	1120	0.06%	0.007%
14	3.688	806	808	816	rVB	2258	2403	0.12%	0.015%
15	3.817	845	848	852	rBV2	1360	1010	0.05%	0.006%
16	4.174	946	959	984	rBV	159067	419721	21.29%	2.565%
17	4.383	1014	1024	1046	rBV2	33483	80217	4.07%	0.490%
18	4.646	1089	1106	1128	rBV	322053	803307	40.75%	4.910%
19	4.968	1204	1206	1213	rVB	1675	1692	0.09%	0.010%
20	5.090	1242	1244	1253	rVB	2170	2628	0.13%	0.016%
21	5.206	1275	1280	1285	rBV	1556	1963	0.10%	0.012%
22	5.248	1285	1293	1298	rVV	1977	2523	0.13%	0.015%
23	5.338	1298	1321	1359	rVV2	673028	1971348	100.00%	12.048%
24	5.585	1396	1398	1404	rBV2	1105	1085	0.06%	0.007%
25	5.637	1409	1414	1417	rBV	1533	1451	0.07%	0.009%
26	5.730	1437	1443	1448	rBV	1835	2483	0.13%	0.015%
27	5.794	1460	1463	1467	rVV2	1173	1047	0.05%	0.006%
28	5.884	1476	1491	1523	rBV	662194	1353856	68.68%	8.275%
29	6.141	1568	1571	1576	rBV	1246	1104	0.06%	0.007%
30	6.190	1582	1586	1594	rVB2	2244	2896	0.15%	0.018%
31	6.228	1594	1598	1601	rBV2	1549	1480	0.08%	0.009%
32	6.328	1615	1629	1655	rBV	416717	846105	42.92%	5.171%
33	6.592	1707	1711	1716	rVV	1671	1452	0.07%	0.009%
34	6.965	1820	1827	1832	rBV2	1307	1556	0.08%	0.010%

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 Title : VOC Analysis

35	7.022	1841	1845	1848	rVB	1448	1197	0.06%	0.007%
36	7.106	1866	1871	1873	rBV	1560	1132	0.06%	0.007%
37	7.183	1885	1895	1897	rBV3	1191	1468	0.07%	0.009%
38	7.225	1897	1908	1929	rBV	243918	445622	22.60%	2.724%
39	7.392	1946	1960	1972	rVB5	7587	14022	0.71%	0.086%
40	7.466	1979	1983	1987	rBV2	1420	1327	0.07%	0.008%
41	7.563	1998	2013	2046	rBV	920114	1656414	84.02%	10.124%
42	7.846	2091	2101	2120	rBV	165903	295043	14.97%	1.803%
43	8.177	2195	2204	2212	rVV4	6352	11024	0.56%	0.067%
44	8.309	2233	2245	2278	rBV	540728	985652	50.00%	6.024%
45	8.543	2315	2318	2324	rVB2	2216	2396	0.12%	0.015%
46	8.572	2324	2327	2331	rBV2	1362	1469	0.07%	0.009%
47	8.752	2379	2383	2386	rBV	1578	1270	0.06%	0.008%
48	8.849	2410	2413	2418	rVB2	1572	1253	0.06%	0.008%
49	8.874	2418	2421	2424	rBV	1363	1101	0.06%	0.007%
50	8.923	2433	2436	2441	rVB	1223	1096	0.06%	0.007%
51	9.019	2462	2466	2472	rBV	940	1139	0.06%	0.007%
52	9.087	2472	2487	2512	rBV	982399	1679953	85.22%	10.268%
53	9.254	2535	2539	2542	rBV	1968	1303	0.07%	0.008%
54	9.473	2602	2607	2615	rVB	1223	1836	0.09%	0.011%
55	9.688	2670	2674	2677	rBV	1397	1062	0.05%	0.006%
56	9.845	2717	2723	2725	rBV	1290	1134	0.06%	0.007%
57	9.923	2742	2747	2750	rVV	1276	1175	0.06%	0.007%
58	9.971	2758	2762	2767	rVV2	1507	1991	0.10%	0.012%
59	10.013	2771	2775	2778	rVV	1142	1086	0.06%	0.007%
60	10.032	2779	2781	2788	rVV	1344	1137	0.06%	0.007%
61	10.103	2799	2803	2810	rBV	1638	1818	0.09%	0.011%
62	10.164	2818	2822	2826	rBV	1634	1392	0.07%	0.009%
63	10.190	2827	2830	2834	rVV	1397	1025	0.05%	0.006%
64	10.241	2842	2846	2851	rBV2	1281	1053	0.05%	0.006%
65	10.296	2859	2863	2866	rBV	1152	1036	0.05%	0.006%
66	10.427	2892	2904	2927	rVV	613104	997618	50.61%	6.097%
67	10.582	2946	2952	2954	rBV2	1288	1464	0.07%	0.009%
68	10.604	2954	2959	2966	rVV6	3835	5177	0.26%	0.032%
69	10.771	3007	3011	3017	rVB2	1235	1431	0.07%	0.009%
70	10.800	3017	3020	3023	rBV	1525	1325	0.07%	0.008%
71	10.961	3065	3070	3073	rVV2	1561	1389	0.07%	0.008%

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72	10.980	3073	3076	3080	rVB2	1323	1081	0.05%	0.007%
73	11.019	3083	3088	3093	rBV2	1107	1346	0.07%	0.008%
74	11.389	3199	3203	3206	rBV	1531	1343	0.07%	0.008%
75	11.421	3208	3213	3218	rVV5	2788	3685	0.19%	0.023%
76	11.482	3220	3232	3261	rVV	976345	1616265	81.99%	9.878%
77	11.858	3336	3349	3368	rBV	881869	1471885	74.66%	8.996%
78	12.283	3478	3481	3485	rVB2	1679	1156	0.06%	0.007%
79	12.357	3500	3504	3510	rVV2	1121	1550	0.08%	0.009%
80	12.469	3531	3539	3543	rBV2	2240	3337	0.17%	0.020%
81	12.588	3573	3576	3582	rVV	1139	1073	0.05%	0.007%
82	12.636	3586	3591	3597	rVB2	1288	1421	0.07%	0.009%
83	13.286	3786	3793	3799	rBV	2063	2985	0.15%	0.018%
84	13.360	3812	3816	3819	rBV	1397	1337	0.07%	0.008%
85	13.521	3859	3866	3869	rBV5	2785	3781	0.19%	0.023%
86	13.694	3916	3920	3923	rBV	1083	1064	0.05%	0.007%
87	14.009	4012	4018	4024	rVB2	2442	2612	0.13%	0.016%
88	14.086	4040	4042	4048	rVB2	1105	1037	0.05%	0.006%
89	14.138	4048	4058	4064	rBV	1811	3595	0.18%	0.022%
90	14.173	4065	4069	4072	rBV2	1887	1939	0.10%	0.012%
91	14.244	4085	4091	4093	rBV	2254	2048	0.10%	0.013%
92	14.521	4174	4177	4181	rBV	1266	1073	0.05%	0.007%
93	14.948	4307	4310	4312	rVV2	1695	1343	0.07%	0.008%
94	14.990	4320	4323	4329	rVV4	920	1005	0.05%	0.006%
95	15.102	4354	4358	4360	rBV	1726	1526	0.08%	0.009%
96	15.263	4405	4408	4415	rVB2	1921	2098	0.11%	0.013%
97	15.485	4474	4477	4482	rBV2	1905	1818	0.09%	0.011%
98	15.559	4497	4500	4503	rBV	1689	1509	0.08%	0.009%
99	15.681	4534	4538	4546	rVB5	1751	2098	0.11%	0.013%
100	16.022	4640	4644	4647	rBV	1943	1871	0.09%	0.011%

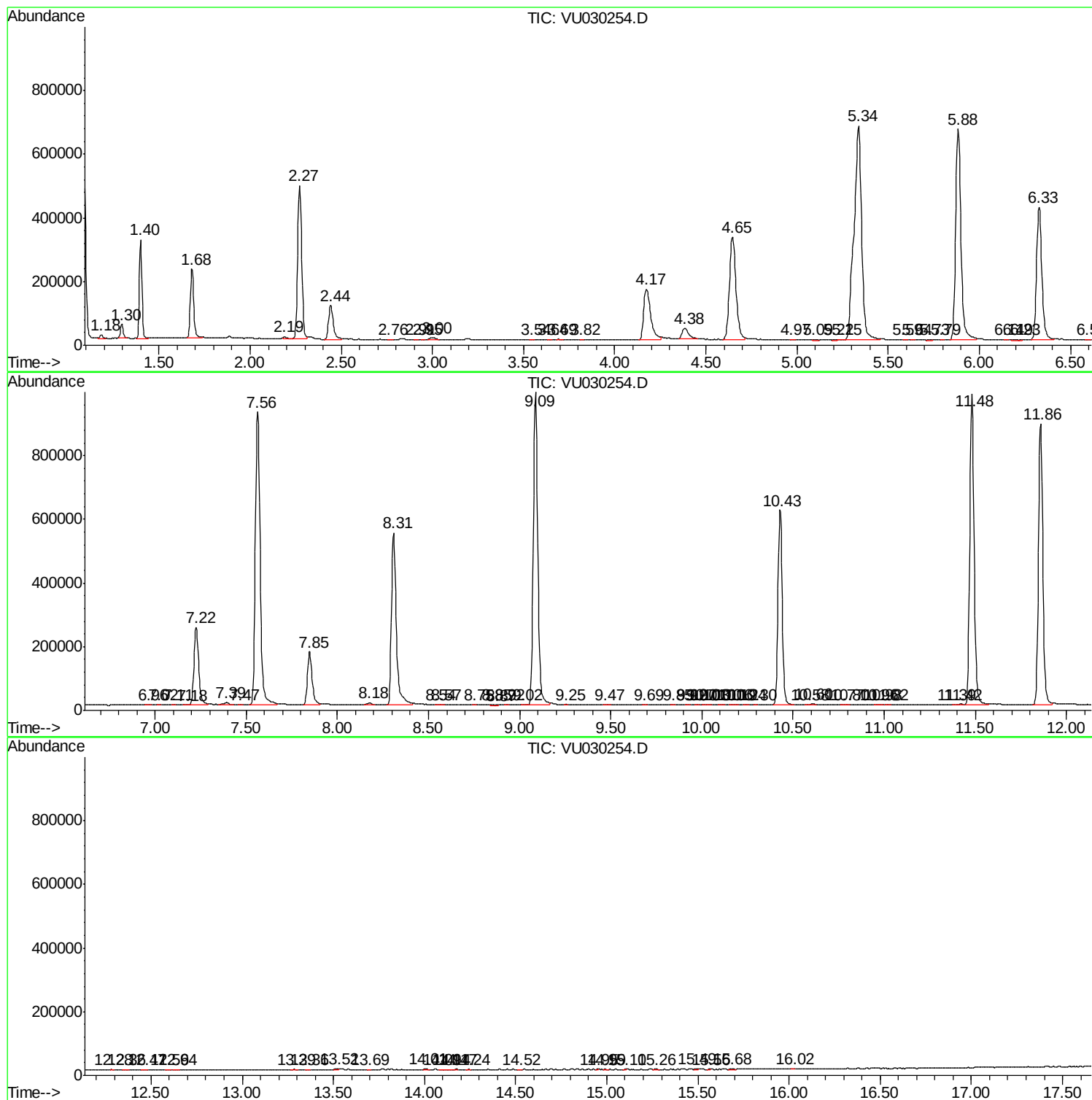
Sum of corrected areas: 16361776

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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



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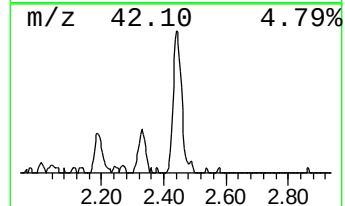
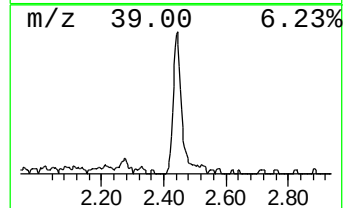
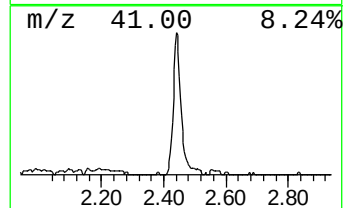
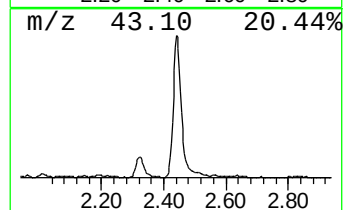
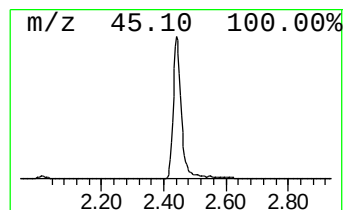
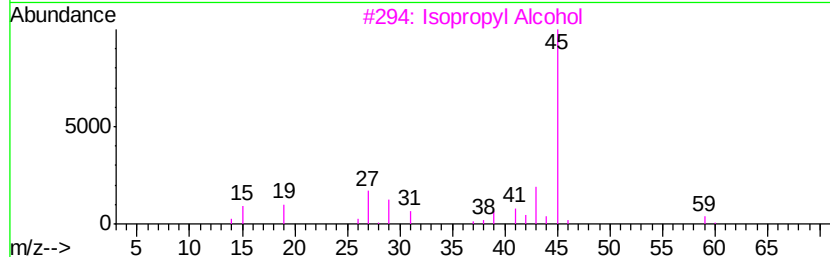
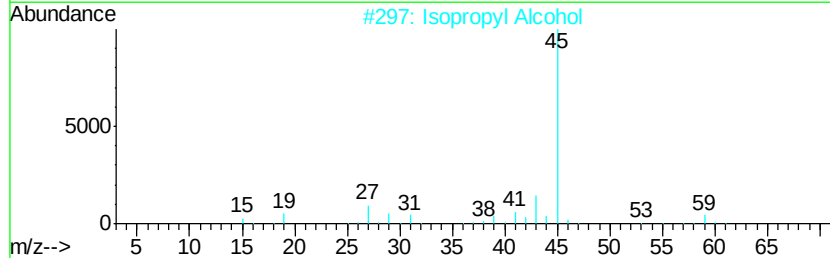
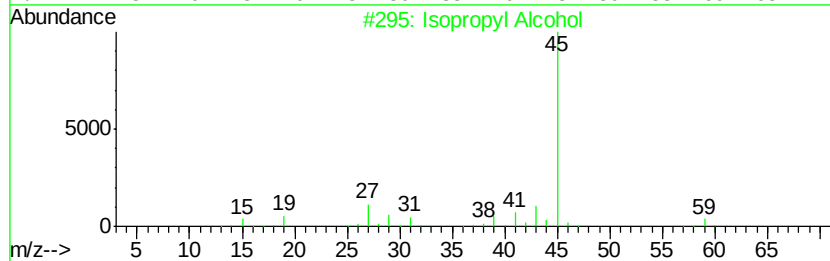
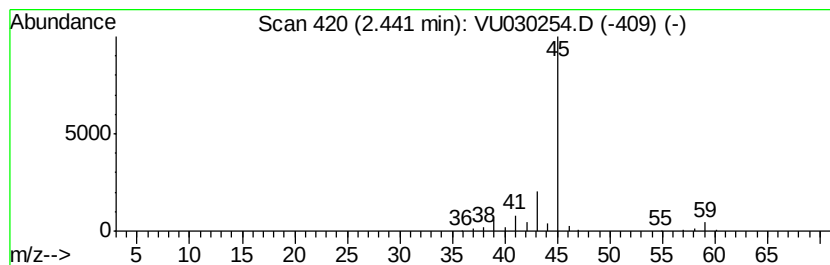
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.96 ug/L	188473	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			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5			4-Penten-2-ol	86	C5H10O	000625-31-0	9



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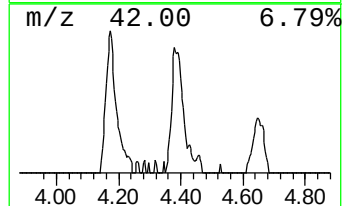
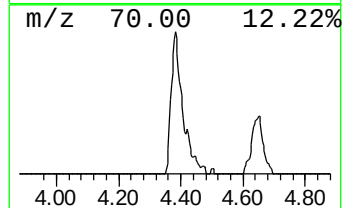
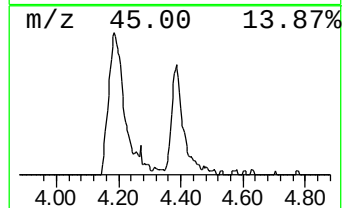
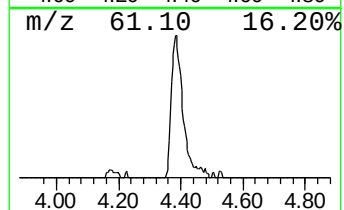
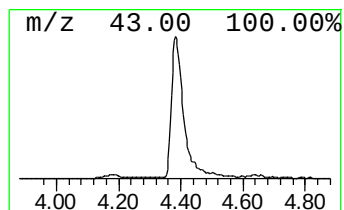
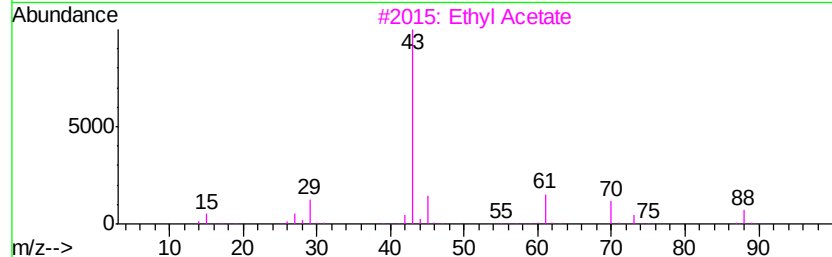
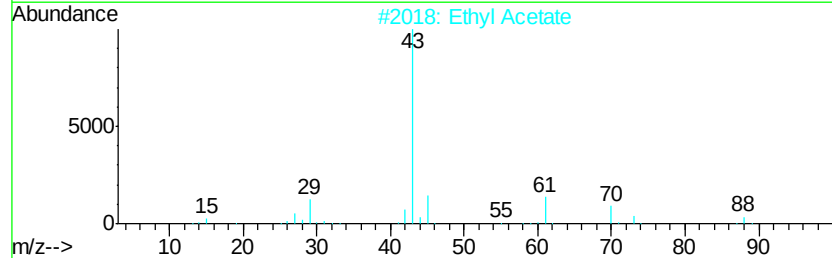
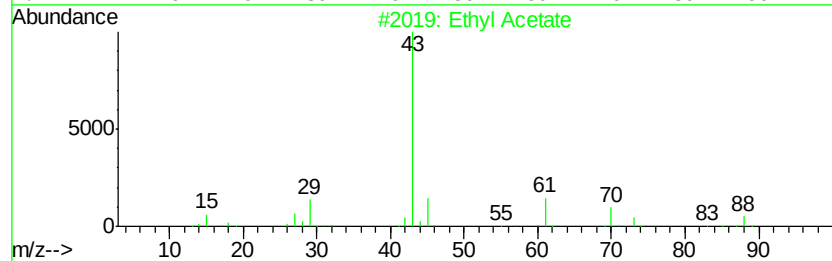
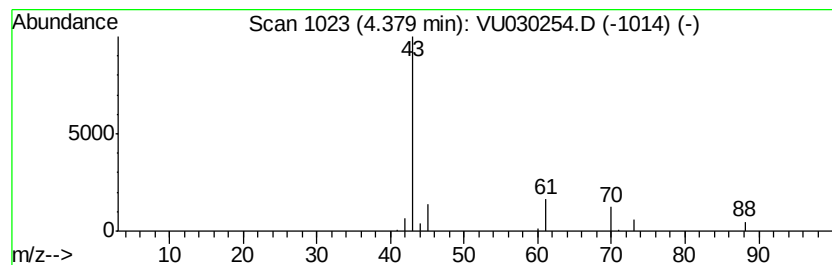
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Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	2.96 ug/L	80217	1,4-Difluorobenzene	5.88

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	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	83
4		Ethyl Acetate	88	C4H8O2	000141-78-6	64
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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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	2.44	7.0	ug/L	188473	1	5.88	1353860	50.0
Ethyl Acetate	4.38	3.0	ug/L	80217	1	5.88	1353860	50.0