

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
 Data File : VU032685.D
 Acq On : 13 Jun 2019 11:41
 Operator : JC/SP
 Sample : K3286-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS8

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\SOMULM060619WMA.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	1.180	25	28	35	rVB2	4034	3435	0.46%	0.053%
2	1.396	88	95	105	rBV	66480	68284	9.20%	1.047%
3	1.676	175	182	196	rVB	56303	68893	9.29%	1.056%
4	2.267	356	366	376	rBV	115243	172642	23.27%	2.647%
5	2.319	376	382	394	rVB	10087	16582	2.23%	0.254%
6	2.444	413	421	441	rVB2	2493	5289	0.71%	0.081%
7	2.557	453	456	459	rBV2	256	180	0.02%	0.003%
8	2.698	490	500	511	rVB2	7494	12775	1.72%	0.196%
9	2.929	567	572	575	rVB2	175	177	0.02%	0.003%
10	3.110	624	628	632	rBV2	239	187	0.03%	0.003%
11	3.216	652	661	666	rVV	247	335	0.05%	0.005%
12	3.624	781	788	800	rBV5	1174	2567	0.35%	0.039%
13	3.730	813	821	823	rBV	133	156	0.02%	0.002%
14	3.807	838	845	848	rBV	201	183	0.02%	0.003%
15	3.833	848	853	855	rBV	203	169	0.02%	0.003%
16	4.010	904	908	912	rVB2	203	176	0.02%	0.003%
17	4.171	946	958	983	rBV	60360	155757	20.99%	2.388%
18	4.643	1089	1105	1129	rBV	95959	227561	30.67%	3.488%
19	4.823	1160	1161	1168	rVB	310	189	0.03%	0.003%
20	4.881	1176	1179	1180	rBV	358	195	0.03%	0.003%
21	4.926	1188	1193	1197	rVB2	185	175	0.02%	0.003%
22	5.081	1236	1241	1245	rBV2	166	182	0.02%	0.003%
23	5.335	1298	1320	1349	rBV2	182251	551007	74.27%	8.447%
24	5.560	1378	1390	1401	rBV3	3043	6766	0.91%	0.104%
25	5.695	1430	1432	1437	rVB	222	191	0.03%	0.003%
26	5.807	1463	1467	1470	rBV	498	474	0.06%	0.007%
27	5.881	1473	1490	1516	rBV	211962	436469	58.83%	6.691%
28	6.325	1614	1628	1649	rBV2	129728	257416	34.70%	3.946%
29	6.425	1652	1659	1675	rVB2	4814	10486	1.41%	0.161%
30	6.534	1684	1693	1694	rBV5	1373	1596	0.22%	0.024%
31	6.579	1701	1707	1718	rBV2	3179	5163	0.70%	0.079%
32	6.698	1733	1744	1789	rBV	409489	741937	100.00%	11.373%
33	7.019	1840	1844	1850	rBV4	483	419	0.06%	0.006%
34	7.097	1864	1868	1871	rBV3	247	165	0.02%	0.003%

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 Title : VOC Analysis

35	7.177	1889	1893	1895	rBV2	303	219	0.03%	0.003%
36	7.222	1896	1907	1928	rBV	71792	130070	17.53%	1.994%
37	7.415	1956	1967	1993	rVV	86812	155693	20.98%	2.387%
38	7.560	2000	2012	2030	rBV	245513	428881	57.81%	6.575%
39	7.846	2091	2101	2125	rBV2	51901	93760	12.64%	1.437%
40	8.000	2146	2149	2152	rVB	282	190	0.03%	0.003%
41	8.151	2185	2196	2214	rBV	49208	82893	11.17%	1.271%
42	8.257	2214	2229	2235	rBV4	14557	29159	3.93%	0.447%
43	8.305	2235	2244	2266	rVV	200691	353296	47.62%	5.416%
44	8.412	2267	2277	2297	rVB	222704	355202	47.87%	5.445%
45	8.527	2307	2313	2328	rVB2	9630	17011	2.29%	0.261%
46	8.717	2369	2372	2379	rVB2	178	214	0.03%	0.003%
47	8.794	2391	2396	2400	rVB2	346	345	0.05%	0.005%
48	8.833	2402	2408	2412	rBV2	290	347	0.05%	0.005%
49	8.900	2417	2429	2462	rBV	201837	328371	44.26%	5.034%
50	9.084	2469	2486	2528	rBV	305295	522123	70.37%	8.004%
51	9.331	2558	2563	2566	rBV3	366	334	0.05%	0.005%
52	9.402	2583	2585	2590	rVB2	304	221	0.03%	0.003%
53	9.440	2591	2597	2600	rVB2	313	258	0.03%	0.004%
54	9.460	2600	2603	2607	rVB2	270	180	0.02%	0.003%
55	9.508	2611	2618	2623	rVB3	261	283	0.04%	0.004%
56	9.547	2625	2630	2633	rBV2	213	195	0.03%	0.003%
57	9.611	2641	2650	2662	rBV5	3247	6238	0.84%	0.096%
58	9.723	2680	2685	2691	rVB3	253	327	0.04%	0.005%
59	9.768	2691	2699	2712	rBV6	4594	9062	1.22%	0.139%
60	9.855	2722	2726	2728	rBV	248	188	0.03%	0.003%
61	9.939	2747	2752	2755	rBV2	279	226	0.03%	0.003%
62	10.061	2786	2790	2792	rBV2	213	161	0.02%	0.002%
63	10.129	2805	2811	2814	rBV2	229	263	0.04%	0.004%
64	10.203	2831	2834	2837	rBV2	310	249	0.03%	0.004%
65	10.219	2837	2839	2845	rVB	346	232	0.03%	0.004%
66	10.254	2846	2850	2851	rBV2	230	193	0.03%	0.003%
67	10.309	2865	2867	2873	rVB2	287	189	0.03%	0.003%
68	10.354	2877	2881	2884	rVV2	317	256	0.03%	0.004%
69	10.428	2891	2904	2930	rVV	199379	323236	43.57%	4.955%
70	10.550	2939	2942	2948	rBV3	308	284	0.04%	0.004%
71	10.646	2969	2972	2977	rVB2	212	185	0.02%	0.003%

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72	10.675	2977	2981	2982	rBV	208	156	0.02%	0.002%
73	10.752	3001	3005	3008	rBV	229	233	0.03%	0.004%
74	10.775	3008	3012	3016	rBV	226	185	0.02%	0.003%
75	10.971	3067	3073	3075	rBV	331	253	0.03%	0.004%
76	11.479	3219	3231	3255	rBV	301755	495134	66.74%	7.590%
77	11.752	3310	3316	3319	rBV2	272	336	0.05%	0.005%
78	11.768	3319	3321	3325	rVB2	217	163	0.02%	0.002%
79	11.794	3325	3329	3332	rBV2	301	176	0.02%	0.003%
80	11.855	3336	3348	3373	rBV	262588	432666	58.32%	6.633%
81	12.080	3414	3418	3424	rBV3	411	490	0.07%	0.008%
82	12.109	3424	3427	3431	rVB3	348	271	0.04%	0.004%
83	12.161	3439	3443	3448	rBV3	235	251	0.03%	0.004%
84	12.321	3490	3493	3496	rBV2	247	168	0.02%	0.003%
85	12.495	3545	3547	3553	rVB	261	202	0.03%	0.003%
86	12.524	3553	3556	3559	rBV2	227	164	0.02%	0.003%
87	12.833	3649	3652	3658	rBV2	178	208	0.03%	0.003%
88	12.929	3677	3682	3684	rBV2	229	250	0.03%	0.004%
89	13.887	3978	3980	3985	rBV2	271	177	0.02%	0.003%
90	13.984	4002	4010	4016	rBV2	395	610	0.08%	0.009%
91	14.096	4041	4045	4047	rBV2	198	181	0.02%	0.003%
92	14.189	4069	4074	4077	rBV2	300	350	0.05%	0.005%
93	14.231	4084	4087	4091	rVB2	342	242	0.03%	0.004%
94	14.267	4096	4098	4101	rBV2	248	164	0.02%	0.003%
95	14.395	4135	4138	4143	rBV2	397	373	0.05%	0.006%
96	14.440	4149	4152	4156	rBV3	282	191	0.03%	0.003%
97	14.511	4166	4174	4177	rBV2	325	505	0.07%	0.008%
98	14.562	4186	4190	4191	rBV2	366	214	0.03%	0.003%
99	14.810	4265	4267	4270	rBV2	308	163	0.02%	0.002%
100	14.987	4319	4322	4324	rBV	279	196	0.03%	0.003%

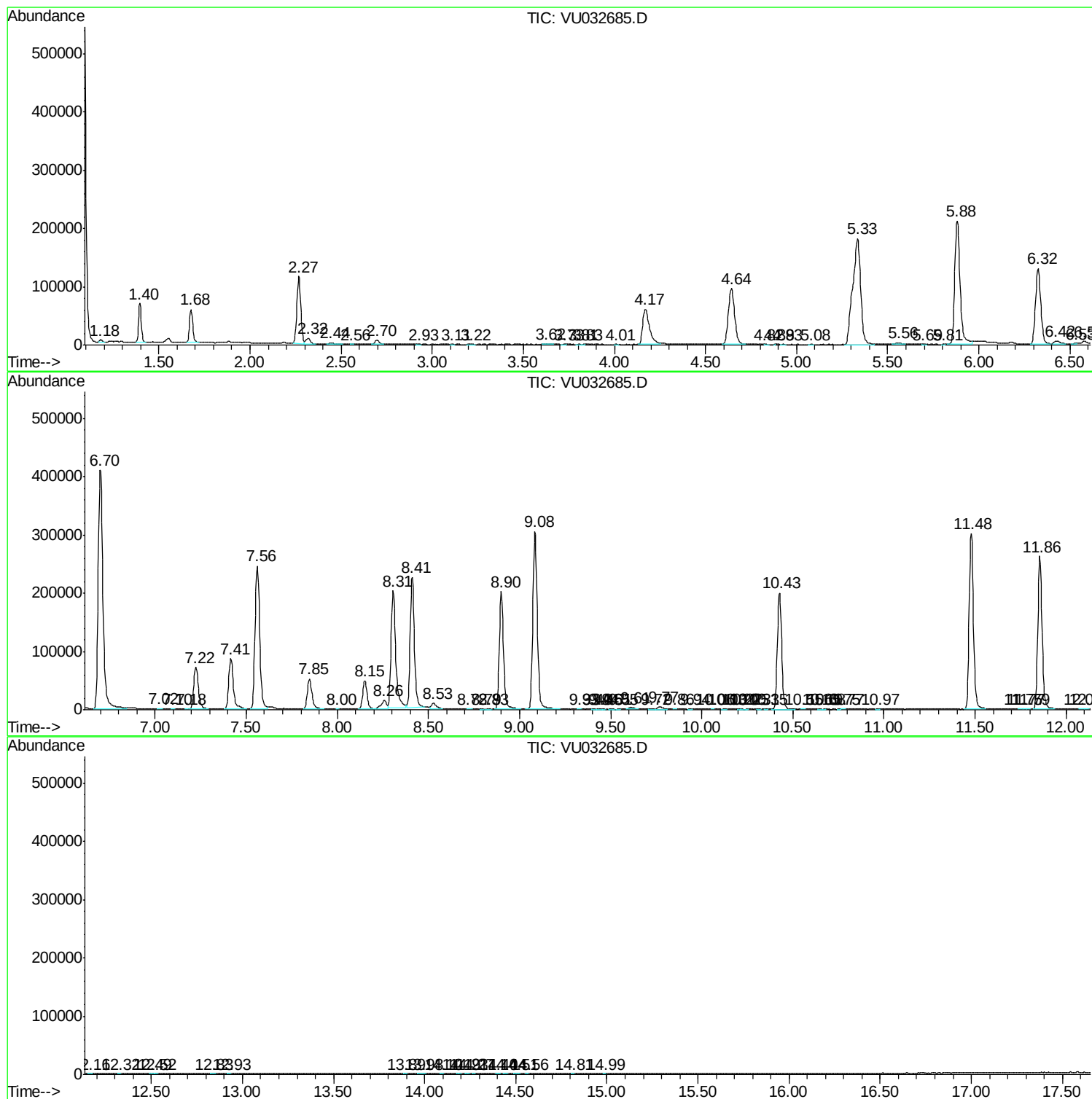
Sum of corrected areas: 6523384

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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



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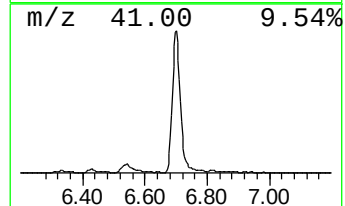
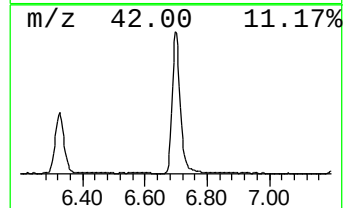
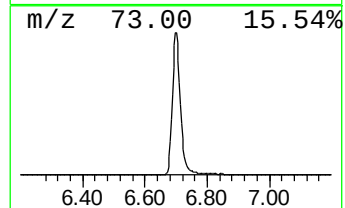
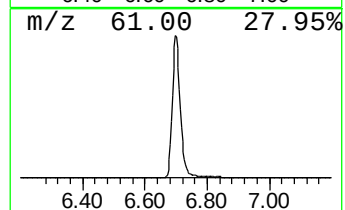
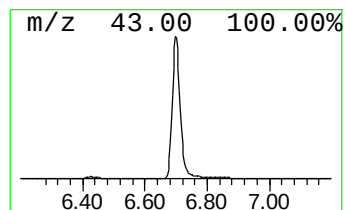
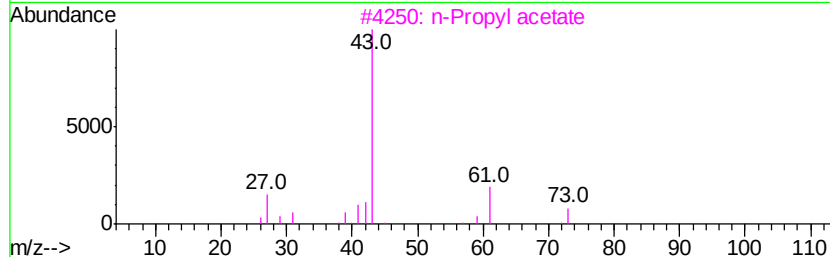
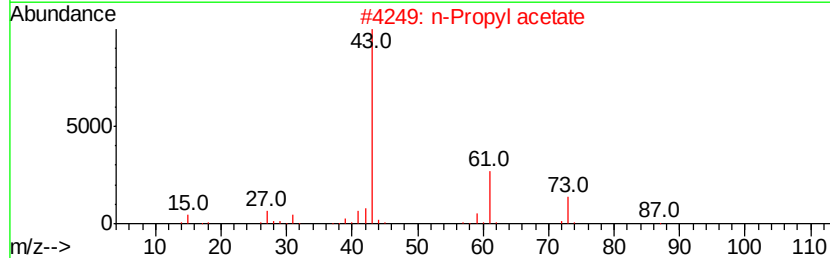
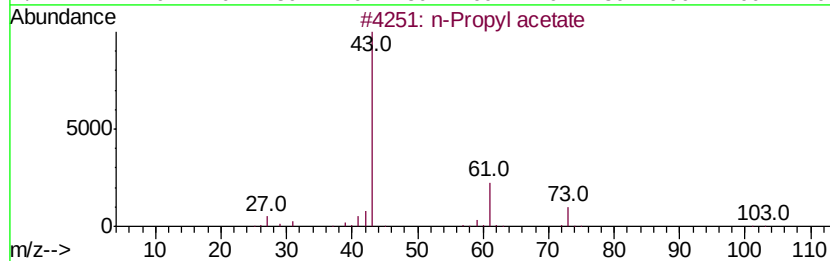
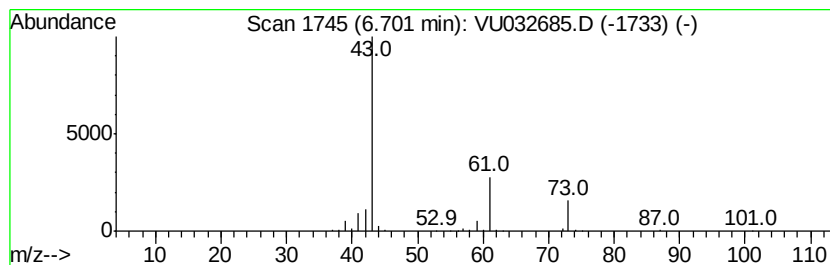
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	84.99 ug/L	741937	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2		n-Propyl acetate	102	C5H10O2	000109-60-4	78
3		n-Propyl acetate	102	C5H10O2	000109-60-4	64
4		Isopropyl acetate	102	C5H10O2	000108-21-4	36
5		Isobutyl acetate	116	C6H12O2	000110-19-0	9



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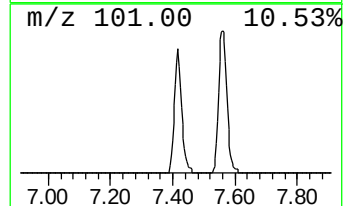
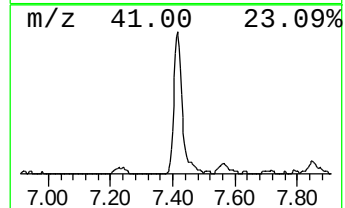
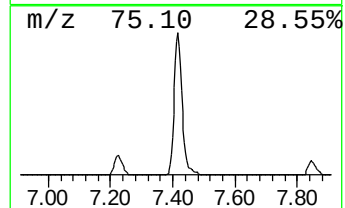
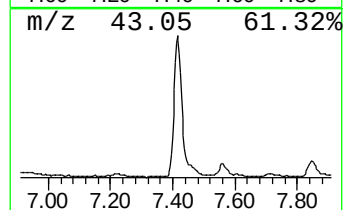
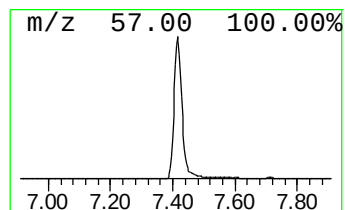
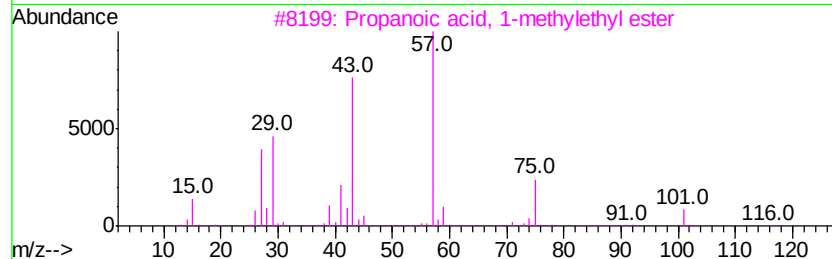
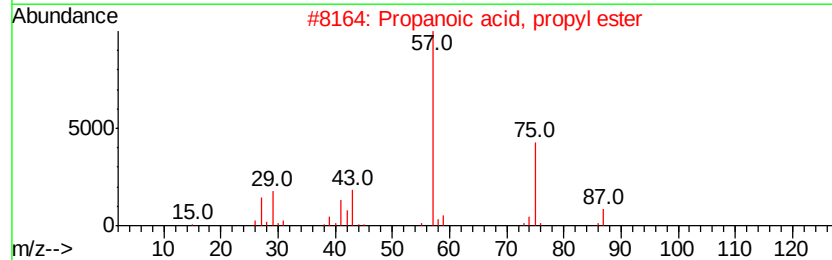
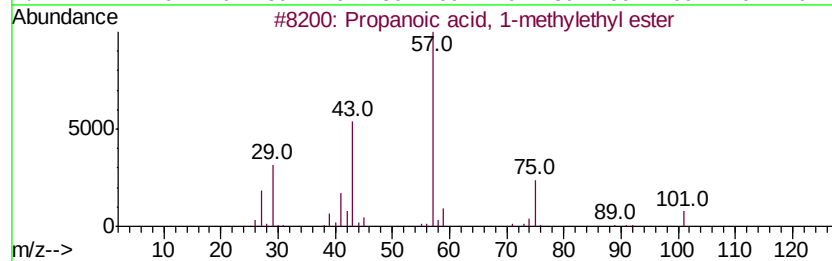
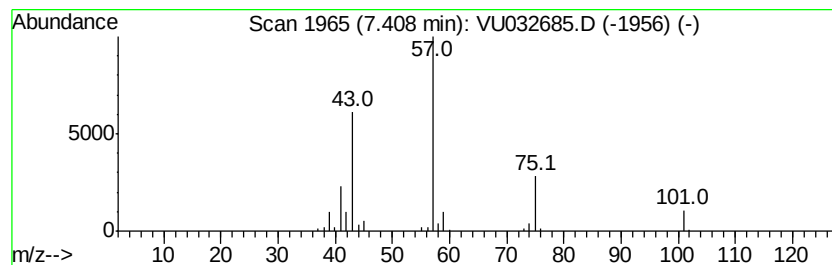
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanoic acid, 1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	17.84 ug/L	155693	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	90
2		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50



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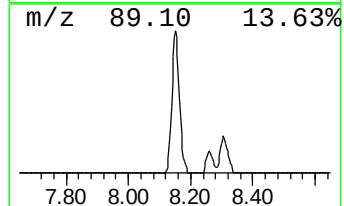
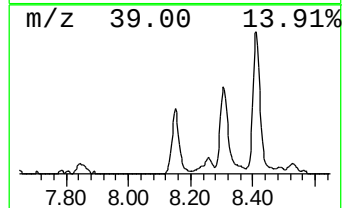
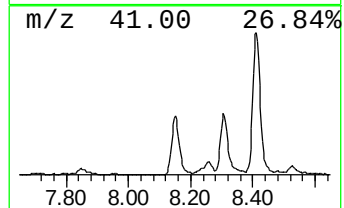
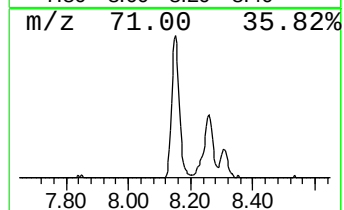
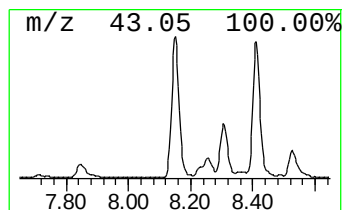
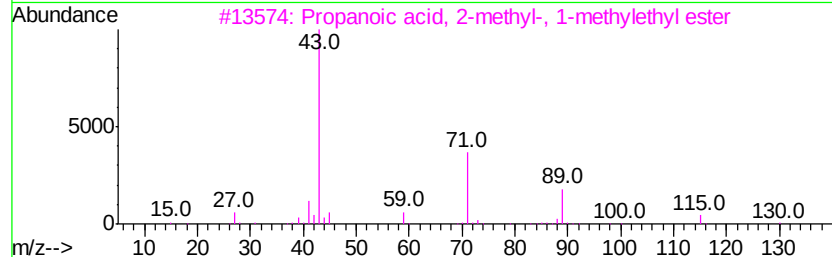
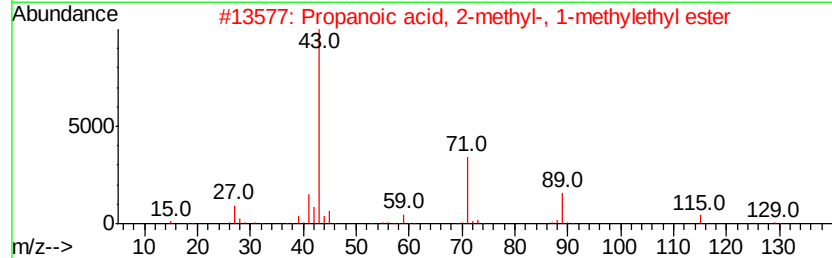
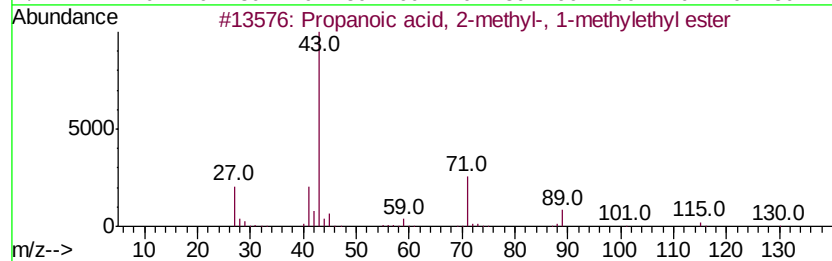
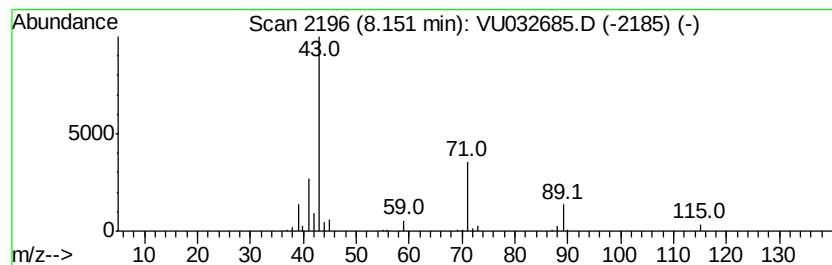
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Quant Title : VOC Analysis

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Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	7.94 ug/L	82893	Chlorobenzene-d5	9.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83	
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83	
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72	
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72	
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061319\
Data File : VU032685.D
Acq On : 13 Jun 2019 11:41
Operator : JC/SP
Sample : K3286-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C0JS8

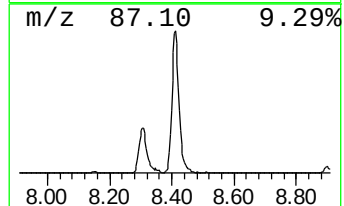
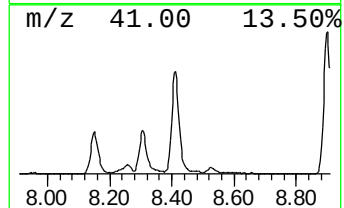
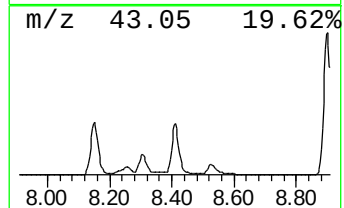
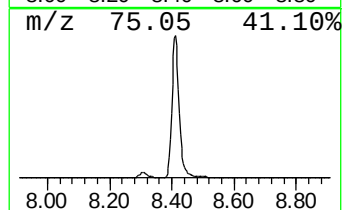
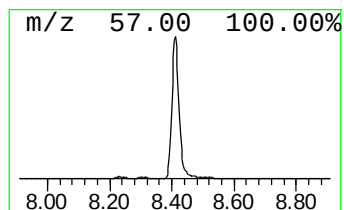
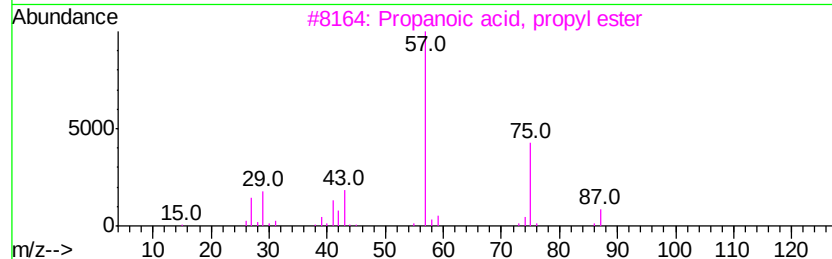
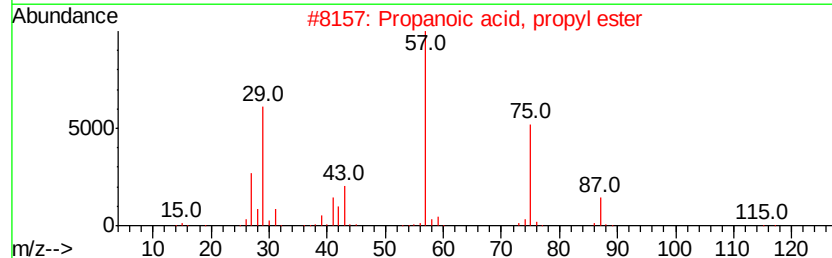
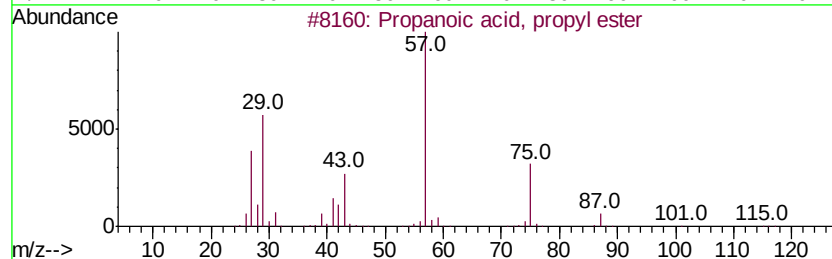
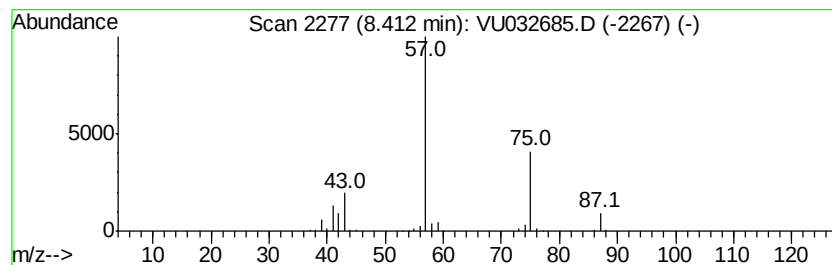
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Quant Title : VOC Analysis

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

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	34.02 ug/L	355202	Chlorobenzene-d5	9.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5		Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39



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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

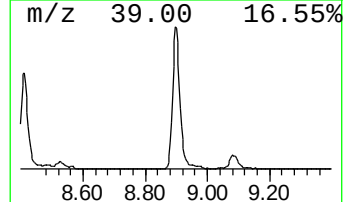
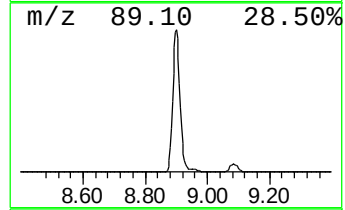
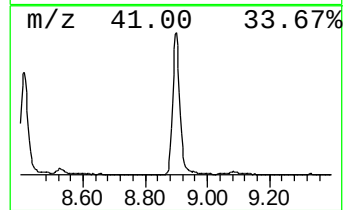
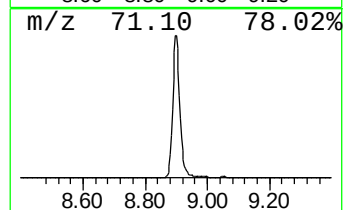
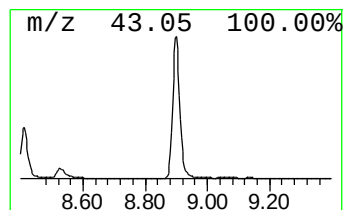
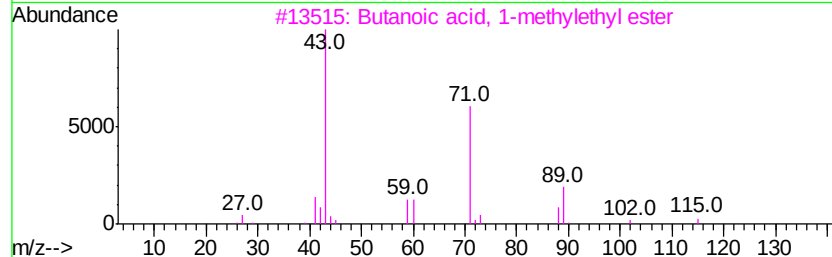
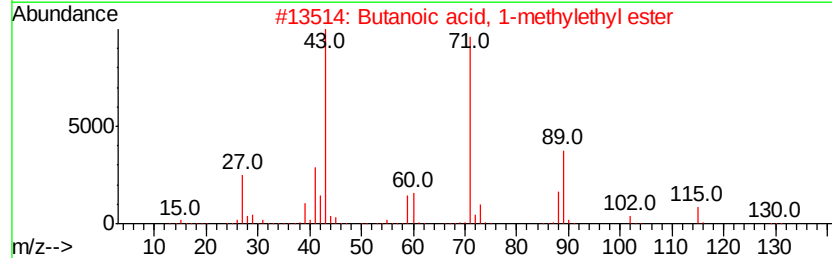
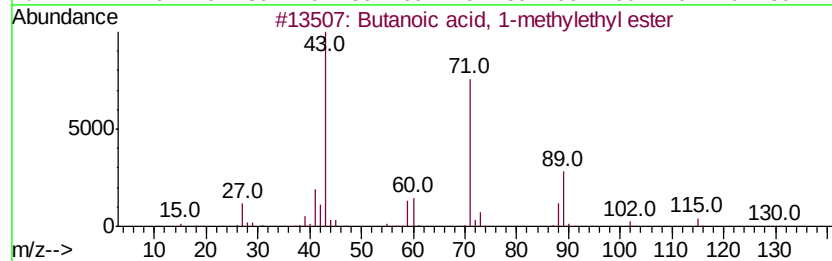
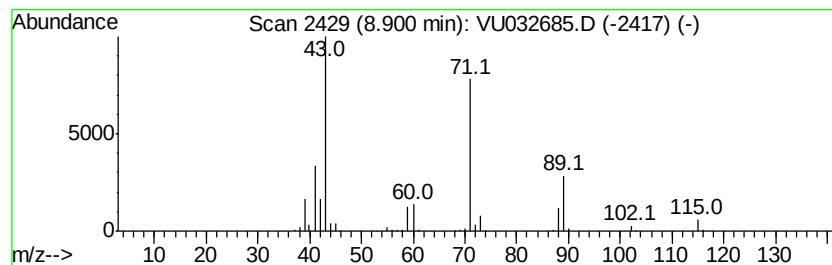
Instrument :
MSVOA_U
ClientSampleId :
C0JS8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.90	31.45 ug/L	328371	Chlorobenzene-d5	9.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
4		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
5		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	64



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Propyl acetate	6.70	85.0	ug/L	741937	1	5.88	436469	50.0
Propanoic acid, 1...	7.41	17.8	ug/L	155693	1	5.88	436469	50.0
Propanoic acid, 2...	8.15	7.9	ug/L	82893	2	9.08	522123	50.0
Propanoic acid, p...	8.41	34.0	ug/L	355202	2	9.08	522123	50.0
Butanoic acid, 1-...	8.90	31.4	ug/L	328371	2	9.08	522123	50.0