

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032814.D
 Acq On : 18 Jun 2019 11:20
 Operator : JC/SP
 Sample : K3363-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JQ2

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\SOMULM061719WMA.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	23	28	34	rBV2	6994	6696	0.75%	0.074%
2	1.395	87	95	108	rVB	113647	116096	13.04%	1.275%
3	1.675	174	182	198	rVB	89988	113417	12.74%	1.245%
4	2.267	355	366	376	rBV	193257	292360	32.84%	3.210%
5	2.318	376	382	396	rVB2	14752	24405	2.74%	0.268%
6	2.440	410	420	428	rBV2	4918	9093	1.02%	0.100%
7	2.617	471	475	485	rVB3	933	1658	0.19%	0.018%
8	2.694	490	499	509	rVB2	7095	11593	1.30%	0.127%
9	2.807	531	534	536	rBV2	390	260	0.03%	0.003%
10	2.826	536	540	547	rVV5	631	831	0.09%	0.009%
11	2.993	590	592	597	rVB2	423	257	0.03%	0.003%
12	3.019	597	600	604	rBV3	412	417	0.05%	0.005%
13	3.080	614	619	622	rBV3	391	391	0.04%	0.004%
14	3.167	643	646	649	rBV	320	276	0.03%	0.003%
15	3.241	666	669	675	rVV3	427	499	0.06%	0.005%
16	3.302	685	688	691	rBV2	451	274	0.03%	0.003%
17	3.344	698	701	706	rVB2	381	349	0.04%	0.004%
18	3.386	706	714	716	rBV4	399	636	0.07%	0.007%
19	3.498	744	749	754	rVB3	330	405	0.05%	0.004%
20	3.579	770	774	775	rBV	383	300	0.03%	0.003%
21	3.620	780	787	795	rBV4	2223	4042	0.45%	0.044%
22	3.698	807	811	818	rBV5	559	604	0.07%	0.007%
23	3.752	824	828	831	rBV2	343	283	0.03%	0.003%
24	3.772	831	834	841	rVB3	414	431	0.05%	0.005%
25	3.804	841	844	847	rBV2	472	414	0.05%	0.005%
26	3.894	870	872	878	rVV3	372	335	0.04%	0.004%
27	3.923	878	881	885	rVB3	304	275	0.03%	0.003%
28	4.096	931	935	937	rBV2	418	260	0.03%	0.003%
29	4.167	943	957	988	rBV	95582	252044	28.32%	2.767%
30	4.357	1014	1016	1023	rVB4	536	473	0.05%	0.005%
31	4.640	1088	1104	1126	rBV2	151807	353777	39.74%	3.884%
32	4.749	1136	1138	1144	rVB4	516	440	0.05%	0.005%
33	4.794	1147	1152	1155	rBV2	467	366	0.04%	0.004%
34	4.855	1165	1171	1173	rBV3	422	475	0.05%	0.005%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	4.961	1197	1204	1207	rBV	330	399	0.04%	0.004%
36	4.981	1207	1210	1220	rVB5	651	951	0.11%	0.010%
37	5.138	1254	1259	1262	rBV	421	379	0.04%	0.004%
38	5.173	1266	1270	1274	rVB2	319	268	0.03%	0.003%
39	5.215	1278	1283	1285	rBV	400	269	0.03%	0.003%
40	5.331	1296	1319	1347	rBV2	299587	890122	100.00%	9.773%
41	5.546	1377	1386	1400	rVV3	4820	10169	1.14%	0.112%
42	5.611	1404	1406	1411	rVB2	531	338	0.04%	0.004%
43	5.656	1416	1420	1423	rBV4	364	282	0.03%	0.003%
44	5.672	1423	1425	1432	rVB2	379	309	0.03%	0.003%
45	5.752	1448	1450	1456	rVB4	367	359	0.04%	0.004%
46	5.878	1476	1489	1513	rBV	289399	573371	64.41%	6.295%
47	6.183	1572	1584	1599	rVB2	19967	39952	4.49%	0.439%
48	6.241	1599	1602	1608	rBV2	367	288	0.03%	0.003%
49	6.325	1614	1628	1648	rBV	204716	408198	45.86%	4.482%
50	6.421	1649	1658	1677	rVB3	6799	16281	1.83%	0.179%
51	6.492	1677	1680	1684	rVB3	517	360	0.04%	0.004%
52	6.537	1684	1694	1699	rBV2	2494	4411	0.50%	0.048%
53	6.575	1699	1706	1712	rBV2	5034	7878	0.89%	0.086%
54	6.697	1732	1744	1775	rBV	372566	667717	75.01%	7.331%
55	6.932	1813	1817	1819	rBV3	447	304	0.03%	0.003%
56	7.061	1855	1857	1861	rVB2	540	335	0.04%	0.004%
57	7.106	1868	1871	1873	rBV2	314	245	0.03%	0.003%
58	7.222	1893	1907	1936	rBV	123757	221417	24.87%	2.431%
59	7.415	1955	1967	1994	rBV	110962	195632	21.98%	2.148%
60	7.559	1999	2012	2028	rBV	420312	720812	80.98%	7.914%
61	7.704	2049	2057	2067	rVB7	1904	3626	0.41%	0.040%
62	7.768	2072	2077	2079	rBV3	1116	1023	0.11%	0.011%
63	7.842	2090	2100	2115	rBV	88822	152710	17.16%	1.677%
64	7.993	2144	2147	2154	rVV4	483	527	0.06%	0.006%
65	8.022	2154	2156	2161	rVB	514	340	0.04%	0.004%
66	8.148	2184	2195	2210	rBV	57378	94640	10.63%	1.039%
67	8.225	2211	2219	2224	rBV5	10844	17593	1.98%	0.193%
68	8.305	2234	2244	2265	rVV	317489	521747	58.62%	5.728%
69	8.408	2266	2276	2295	rVB	241493	383462	43.08%	4.210%
70	8.524	2308	2312	2326	rVB5	5396	8886	1.00%	0.098%
71	8.604	2334	2337	2341	rVB3	528	404	0.05%	0.004%

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72	8.849	2407	2413	2417	rBV3	266	327	0.04%	0.004%
73	8.900	2417	2429	2448	rBV	195076	307753	34.57%	3.379%
74	9.083	2470	2486	2512	rVV	445269	729805	81.99%	8.013%
75	9.241	2531	2535	2538	rBV3	669	624	0.07%	0.007%
76	9.286	2547	2549	2553	rVB3	436	290	0.03%	0.003%
77	9.308	2553	2556	2559	rBV2	389	355	0.04%	0.004%
78	9.373	2567	2576	2584	rBV3	1441	2238	0.25%	0.025%
79	9.440	2593	2597	2602	rBV3	172	245	0.03%	0.003%
80	9.479	2602	2609	2613	rVV4	407	448	0.05%	0.005%
81	9.601	2638	2647	2658	rBV2	4659	7615	0.86%	0.084%
82	9.765	2691	2698	2714	rVB6	3120	5978	0.67%	0.066%
83	9.929	2746	2749	2751	rBV	393	273	0.03%	0.003%
84	10.035	2776	2782	2786	rBV2	339	370	0.04%	0.004%
85	10.119	2803	2808	2813	rBV3	363	435	0.05%	0.005%
86	10.427	2892	2904	2921	rVV	298362	483294	54.30%	5.306%
87	10.582	2948	2952	2955	rBV3	434	265	0.03%	0.003%
88	10.733	2994	2999	3002	rBV4	585	545	0.06%	0.006%
89	10.758	3002	3007	3009	rVV3	333	314	0.04%	0.003%
90	11.398	3199	3206	3210	rBV2	688	713	0.08%	0.008%
91	11.479	3218	3231	3256	rBV	452897	730042	82.02%	8.015%
92	11.855	3334	3348	3370	rBV	416254	692694	77.82%	7.605%
93	12.295	3481	3485	3488	rVB3	481	393	0.04%	0.004%
94	12.324	3488	3494	3498	rBV2	496	574	0.06%	0.006%
95	12.472	3537	3540	3543	rBV3	391	312	0.04%	0.003%
96	13.234	3775	3777	3785	rVB3	294	299	0.03%	0.003%
97	13.620	3894	3897	3903	rBV2	324	319	0.04%	0.004%
98	14.154	4059	4063	4066	rBV2	526	554	0.06%	0.006%
99	14.273	4097	4100	4103	rBV2	496	368	0.04%	0.004%
100	14.880	4287	4289	4291	rBV2	582	280	0.03%	0.003%

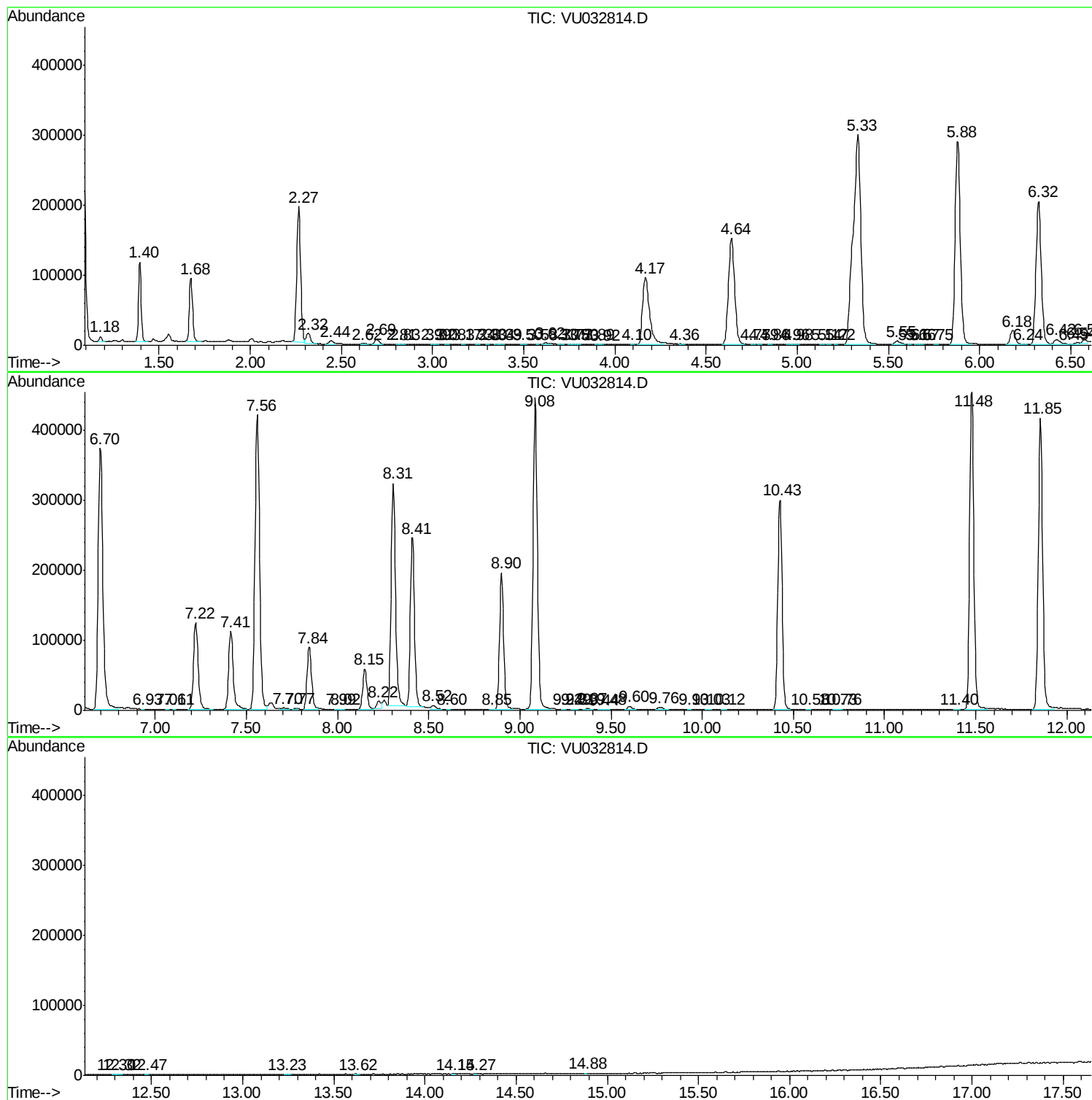
Sum of corrected areas: 9108158

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



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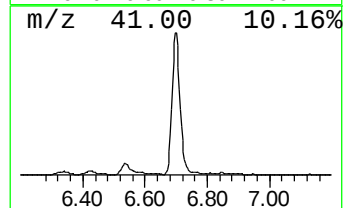
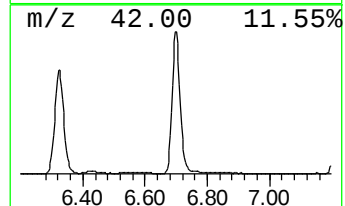
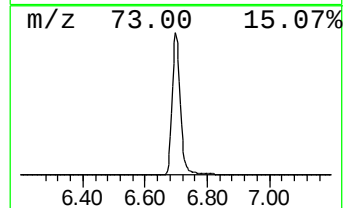
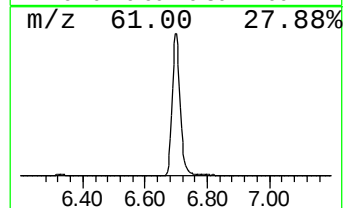
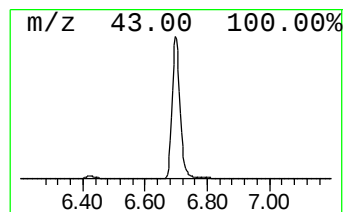
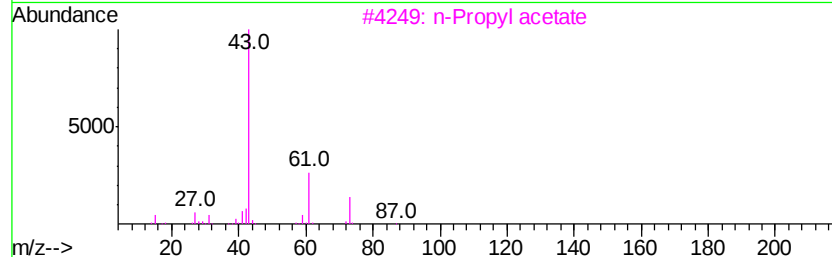
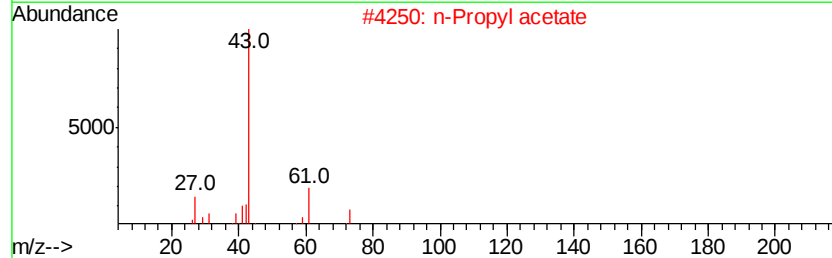
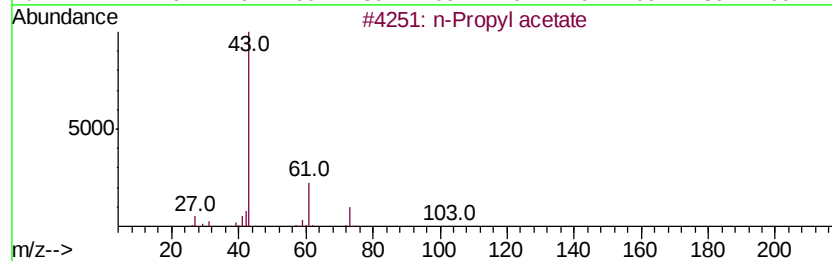
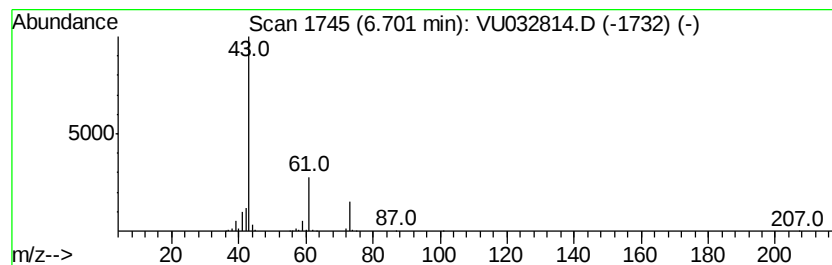
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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	58.23 ug/L	667717	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	78
4		Isopropyl acetate	102	C5H10O2	000108-21-4	36
5		Isopropyl acetate	102	C5H10O2	000108-21-4	9



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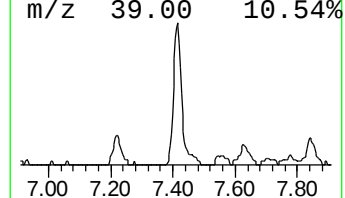
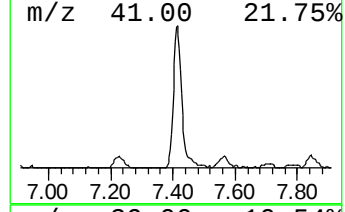
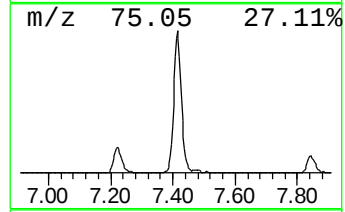
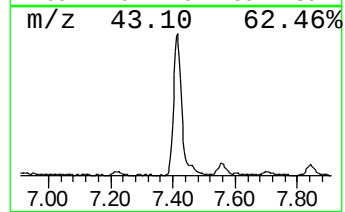
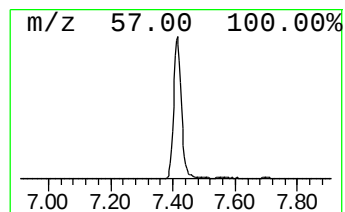
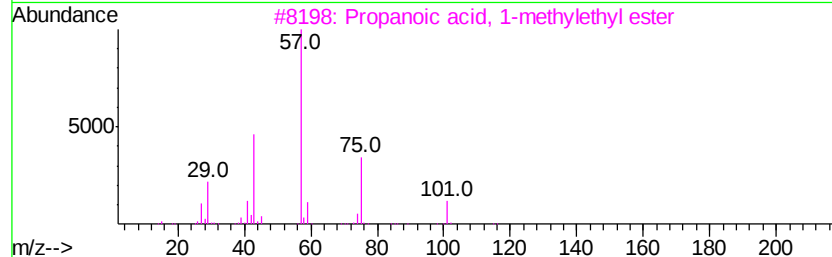
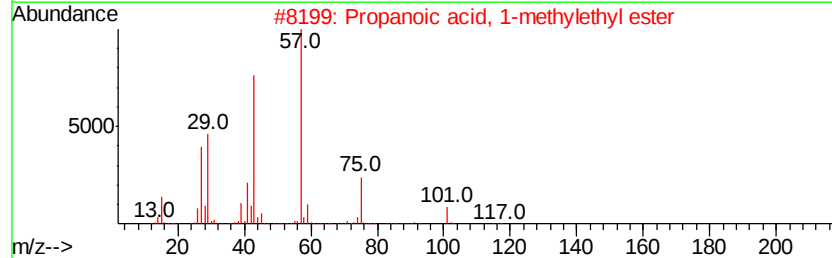
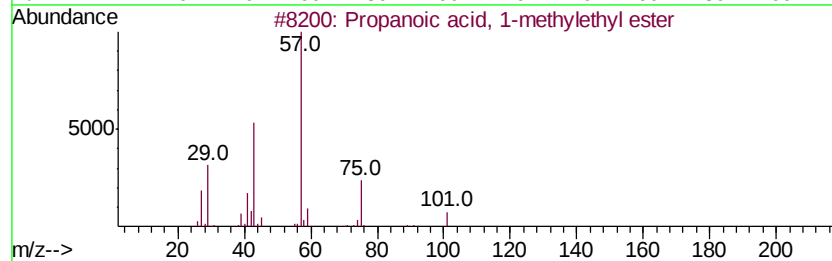
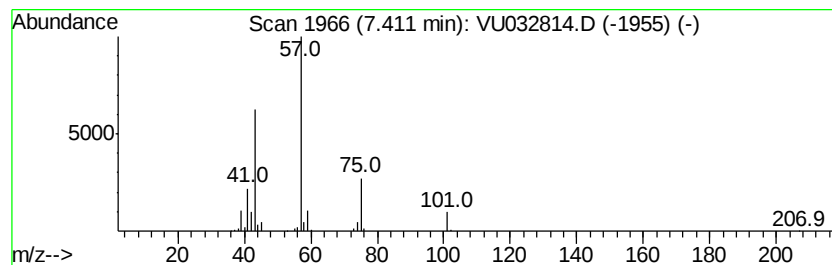
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Quant Title : VOC Analysis

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

Peak Number 3 Propanoic acid, 1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	17.06 ug/L	195632	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, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50



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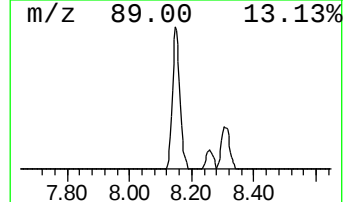
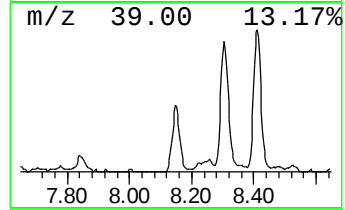
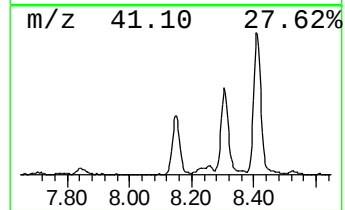
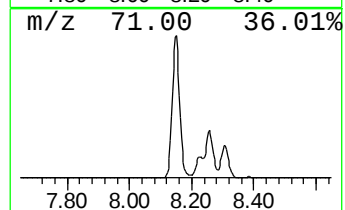
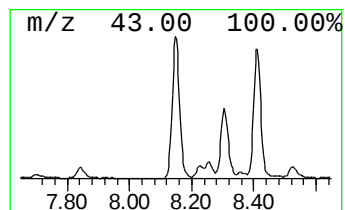
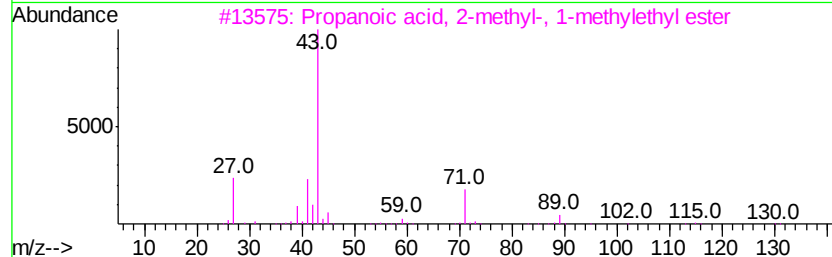
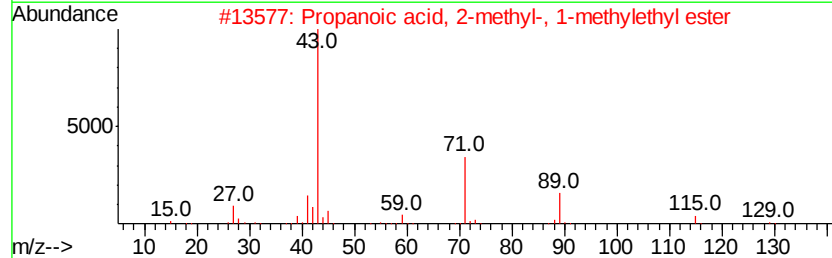
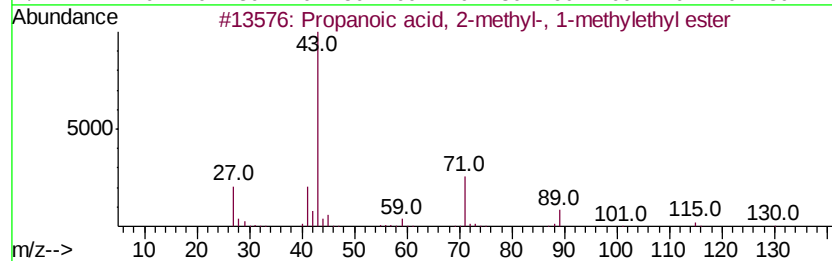
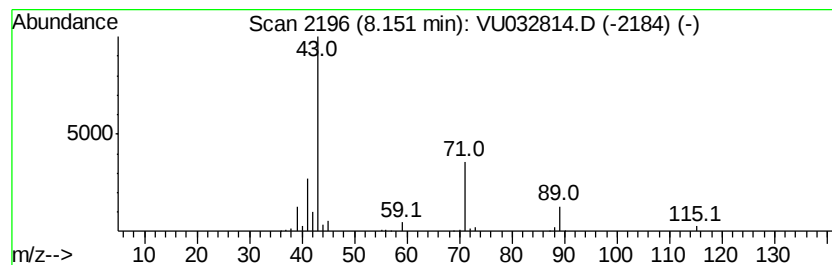
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	6.48 ug/L	94640	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	78
4			Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64
5			Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061819\
Data File : VU032814.D
Acq On : 18 Jun 2019 11:20
Operator : JC/SP
Sample : K3363-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C0JQ2

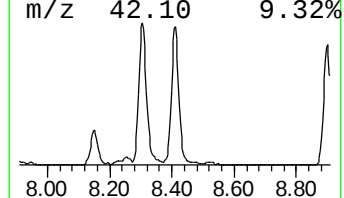
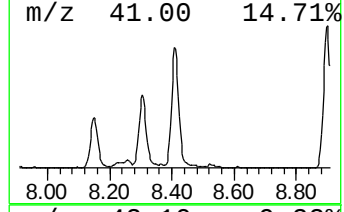
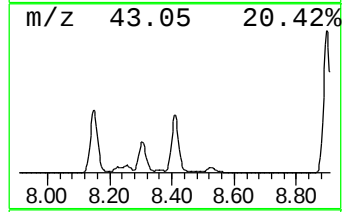
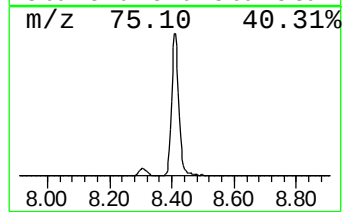
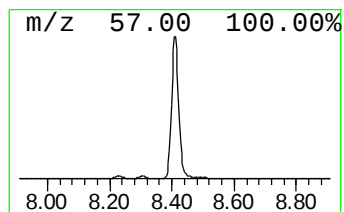
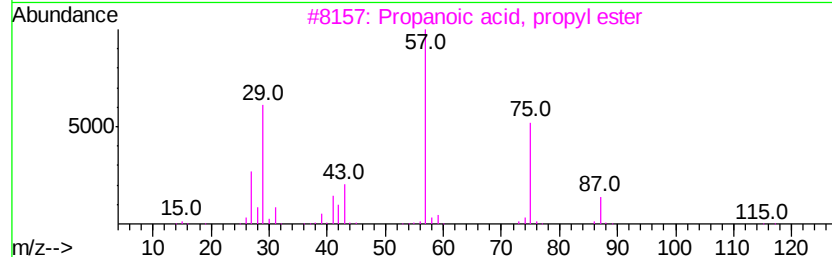
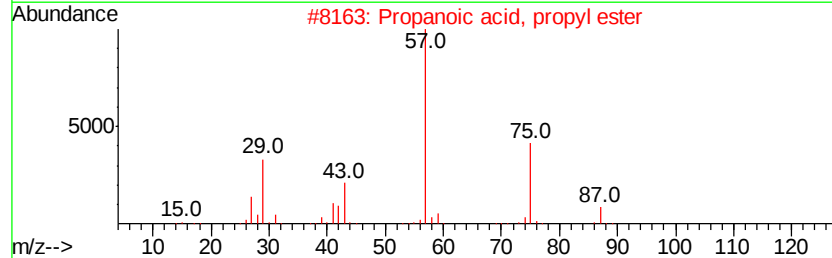
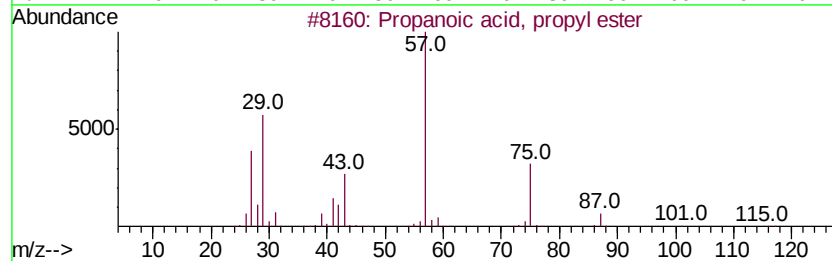
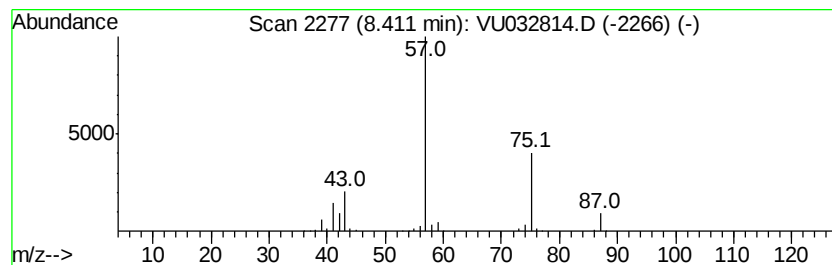
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Quant Title : VOC Analysis

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	26.27 ug/L	383462	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	78
5		Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061819\
Data File : VU032814.D
Acq On : 18 Jun 2019 11:20
Operator : JC/SP
Sample : K3363-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

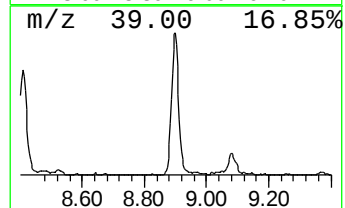
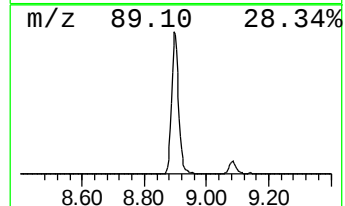
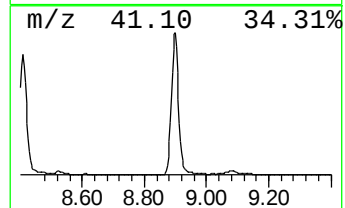
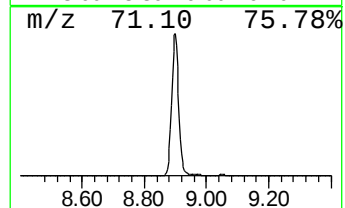
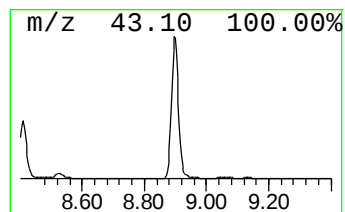
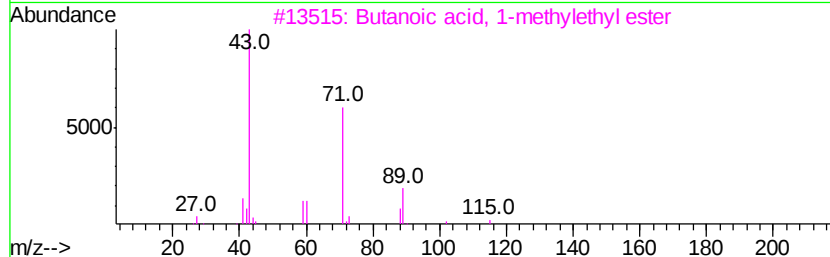
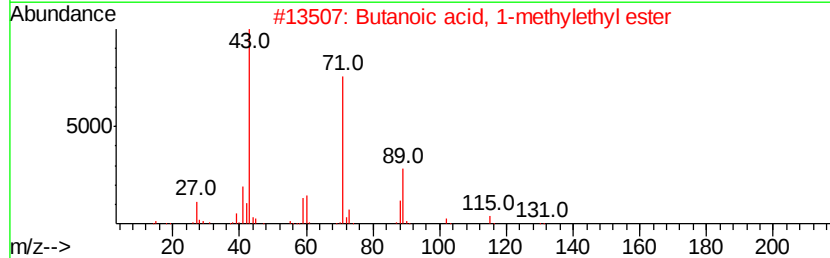
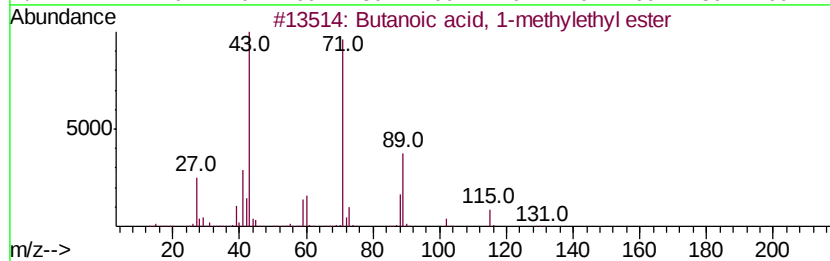
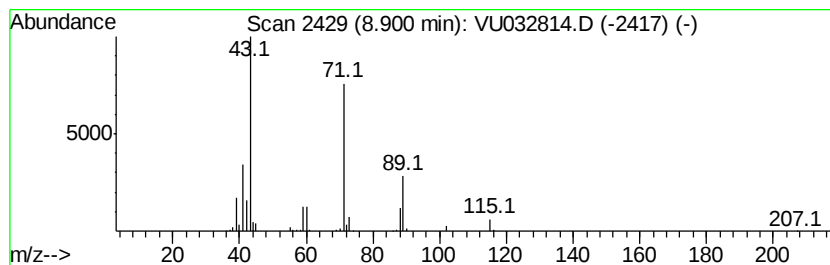
Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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	21.08 ug/L	307753	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-, propyl...	130	C7H14O2	000644-49-5	64	
5	Propanoic acid, 2-methyl-, pentyl...	158	C9H18O2	002445-72-9	64	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\
Data File : VU032814.D
Acq On : 18 Jun 2019 11:20
Operator : JC/SP
Sample : K3363-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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	58.2	ug/L	667717	1	5.88	573371	50.0
Propanoic acid, 1...	7.41	17.1	ug/L	195632	1	5.88	573371	50.0
Propanoic acid, 2...	8.15	6.5	ug/L	94640	2	9.08	729805	50.0
Propanoic acid, p...	8.41	26.3	ug/L	383462	2	9.08	729805	50.0
Butanoic acid, 1-...	8.90	21.1	ug/L	307753	2	9.08	729805	50.0