

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
 Data File : VU034904.D
 Acq On : 01 Oct 2019 21:41
 Operator : JC/SP
 Sample : K5028-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDL8

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\SOMULM100119WMA.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	1.177	22	27	33	rBV2	9032	9736	0.57%	0.056%
2	1.392	87	94	107	rVB	160100	168171	9.84%	0.961%
3	1.466	111	117	128	rVV	55695	60074	3.51%	0.343%
4	1.672	173	181	195	rVB	139598	174351	10.20%	0.997%
5	2.257	353	363	372	rBV	267039	404005	23.63%	2.310%
6	2.309	372	379	394	rVB	78373	127145	7.44%	0.727%
7	2.608	465	472	483	rBV2	2785	5146	0.30%	0.029%
8	2.685	483	496	519	rBV	503193	913034	53.41%	5.220%
9	2.817	530	537	553	rVB3	7475	16706	0.98%	0.096%
10	2.903	561	564	569	rVB3	410	422	0.02%	0.002%
11	2.952	574	579	581	rBV3	424	278	0.02%	0.002%
12	2.971	581	585	586	rBV2	548	427	0.02%	0.002%
13	3.032	601	604	606	rVV2	335	260	0.02%	0.001%
14	3.167	634	646	661	rBV4	7548	17241	1.01%	0.099%
15	3.251	671	672	677	rVB4	429	244	0.01%	0.001%
16	3.276	677	680	683	rBV2	338	187	0.01%	0.001%
17	3.328	693	696	698	rBV	422	254	0.01%	0.001%
18	3.395	713	717	720	rBV3	810	896	0.05%	0.005%
19	3.450	732	734	740	rVB3	312	233	0.01%	0.001%
20	3.514	751	754	755	rBV	473	246	0.01%	0.001%
21	3.540	755	762	763	rBV2	1580	1431	0.08%	0.008%
22	3.617	780	786	788	rBV4	1099	1327	0.08%	0.008%
23	3.759	826	830	831	rBV4	358	232	0.01%	0.001%
24	3.784	836	838	842	rBV3	346	227	0.01%	0.001%
25	3.817	842	848	851	rBV2	321	273	0.02%	0.002%
26	3.871	861	865	866	rBV2	454	312	0.02%	0.002%
27	3.891	869	871	877	rVB3	320	204	0.01%	0.001%
28	3.916	877	879	883	rVB2	546	384	0.02%	0.002%
29	3.942	883	887	890	rBV2	479	467	0.03%	0.003%
30	3.987	899	901	903	rVV2	547	352	0.02%	0.002%
31	4.058	919	923	925	rBV2	360	273	0.02%	0.002%
32	4.080	925	930	931	rBV3	491	374	0.02%	0.002%
33	4.151	939	952	974	rBV	159462	430103	25.16%	2.459%
34	4.624	1082	1099	1125	rBV	232077	557142	32.59%	3.185%

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 Title : VOC Analysis

35	4.855	1165	1171	1172	rBV4	990	939	0.05%	0.005%
36	4.926	1190	1193	1194	rBV2	478	214	0.01%	0.001%
37	4.965	1200	1205	1210	rBV7	911	1183	0.07%	0.007%
38	5.051	1230	1232	1235	rVB3	465	238	0.01%	0.001%
39	5.122	1251	1254	1256	rBV2	333	198	0.01%	0.001%
40	5.161	1263	1266	1267	rBV2	344	193	0.01%	0.001%
41	5.190	1271	1275	1276	rBV	303	177	0.01%	0.001%
42	5.206	1278	1280	1284	rVB2	268	170	0.01%	0.001%
43	5.315	1287	1314	1343	rBV2	477827	1446956	84.64%	8.273%
44	5.530	1370	1381	1409	rVB	49838	109777	6.42%	0.628%
45	5.865	1469	1485	1505	rBV	467900	982785	57.49%	5.619%
46	6.309	1609	1623	1644	rBV	340419	681528	39.87%	3.896%
47	6.563	1696	1702	1706	rBV	8876	12757	0.75%	0.073%
48	6.685	1728	1740	1776	rBV	944038	1709558	100.00%	9.774%
49	7.206	1890	1902	1921	rBV	181316	334755	19.58%	1.914%
50	7.402	1952	1963	1974	rBV	139401	236832	13.85%	1.354%
51	7.543	1994	2007	2027	rBV	642977	1163425	68.05%	6.652%
52	7.829	2085	2096	2118	rBV	143108	263465	15.41%	1.506%
53	8.067	2168	2170	2172	rBV3	503	241	0.01%	0.001%
54	8.135	2178	2191	2207	rBV	242167	398893	23.33%	2.281%
55	8.218	2208	2217	2218	rBV2	13537	17555	1.03%	0.100%
56	8.289	2230	2239	2262	rBV	592081	1035932	60.60%	5.923%
57	8.395	2263	2272	2300	rVB	375049	619203	36.22%	3.540%
58	8.884	2412	2424	2458	rBV	484587	783991	45.86%	4.482%
59	9.067	2464	2481	2525	rVB	673450	1236643	72.34%	7.070%
60	9.234	2526	2533	2540	rBV6	2951	4515	0.26%	0.026%
61	9.357	2565	2571	2588	rVB3	8343	15157	0.89%	0.087%
62	9.588	2634	2643	2655	rBV2	11281	21411	1.25%	0.122%
63	9.749	2683	2693	2709	rBV2	50838	92685	5.42%	0.530%
64	10.112	2803	2806	2807	rBV	669	382	0.02%	0.002%
65	10.144	2808	2816	2828	rVB	19853	31246	1.83%	0.179%
66	10.344	2876	2878	2881	rBV4	652	469	0.03%	0.003%
67	10.408	2886	2898	2922	rVV	471367	758837	44.39%	4.338%
68	10.566	2936	2947	2965	rBV	15855	29551	1.73%	0.169%
69	10.659	2971	2976	2978	rBV3	1406	1497	0.09%	0.009%
70	10.755	2996	3006	3011	rBV4	3190	4757	0.28%	0.027%
71	10.951	3059	3067	3075	rBV3	11443	18545	1.08%	0.106%

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72	11.054	3095	3099	3100	rBV	482	366	0.02%	0.002%
73	11.125	3113	3121	3137	rVB	24039	37428	2.19%	0.214%
74	11.302	3169	3176	3184	rVB6	8749	13265	0.78%	0.076%
75	11.459	3214	3225	3244	rBV	624201	1020611	59.70%	5.835%
76	11.549	3247	3253	3264	rVB	23513	35719	2.09%	0.204%
77	11.742	3303	3313	3330	rBV	53181	92997	5.44%	0.532%
78	11.836	3330	3342	3363	rBV	600163	1018737	59.59%	5.824%
79	12.128	3426	3433	3439	rBV6	5417	9895	0.58%	0.057%
80	12.231	3457	3465	3483	rBV	22029	39242	2.30%	0.224%
81	12.334	3489	3497	3518	rVB3	15420	35642	2.08%	0.204%
82	12.533	3548	3559	3568	rBV8	4246	8561	0.50%	0.049%
83	12.598	3573	3579	3582	rVV4	4971	7142	0.42%	0.041%
84	12.630	3583	3589	3597	rVV	17903	28596	1.67%	0.163%
85	12.681	3599	3605	3619	rVB	14266	23550	1.38%	0.135%
86	12.768	3629	3632	3642	rVB9	1985	2666	0.16%	0.015%
87	12.877	3659	3666	3678	rVV9	4269	7228	0.42%	0.041%
88	12.948	3679	3688	3704	rVB2	11428	20494	1.20%	0.117%
89	13.102	3721	3736	3746	rBV4	38749	68005	3.98%	0.389%
90	13.276	3782	3790	3798	rVB9	5420	8207	0.48%	0.047%
91	13.379	3816	3822	3833	rVB10	4556	7160	0.42%	0.041%
92	13.443	3834	3842	3849	rVB7	2792	4155	0.24%	0.024%
93	13.491	3850	3857	3864	rBV5	6298	9182	0.54%	0.052%
94	13.733	3921	3932	3952	rBV2	16867	42852	2.51%	0.245%
95	14.041	4026	4028	4031	rBV4	728	361	0.02%	0.002%
96	14.138	4052	4058	4064	rBV6	2727	3767	0.22%	0.022%
97	14.453	4152	4156	4157	rBV3	1684	1090	0.06%	0.006%
98	14.627	4205	4210	4215	rBV5	1963	2034	0.12%	0.012%
99	14.868	4280	4285	4286	rBV3	3167	2605	0.15%	0.015%
100	15.048	4333	4341	4352	rBV2	17528	30732	1.80%	0.176%

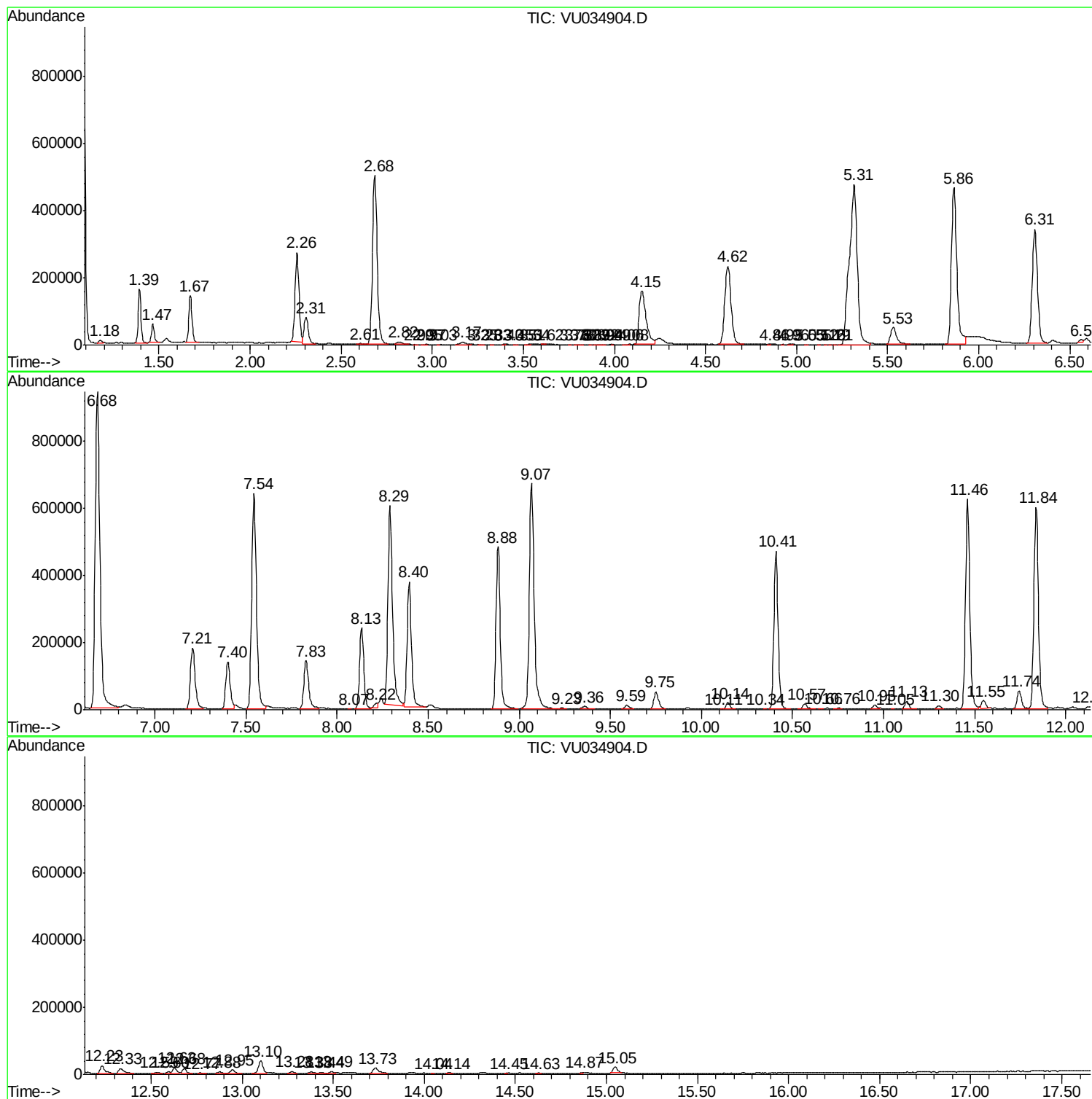
Sum of corrected areas: 17491106

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

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



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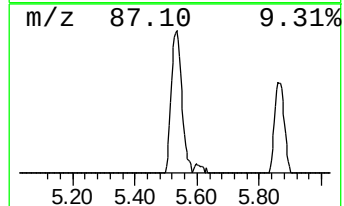
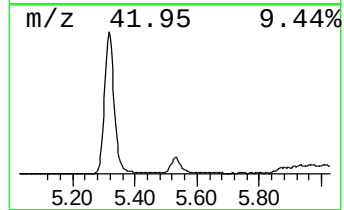
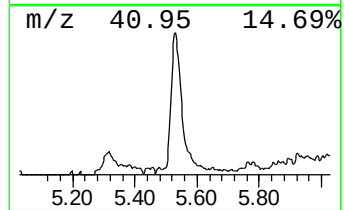
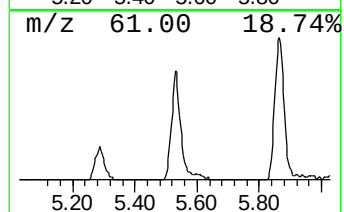
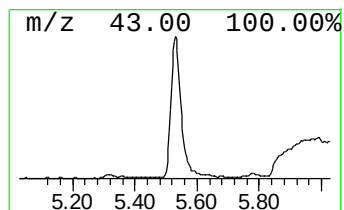
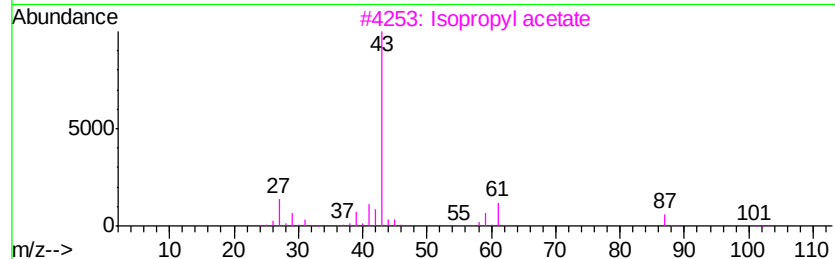
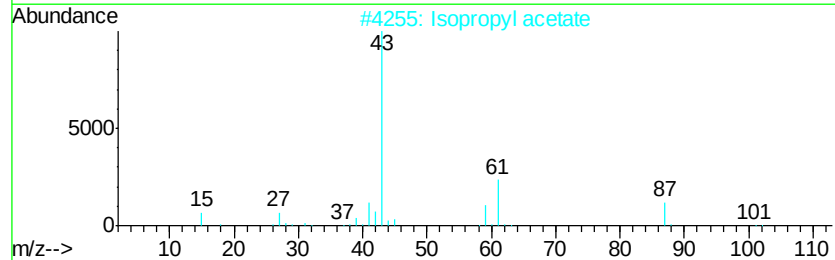
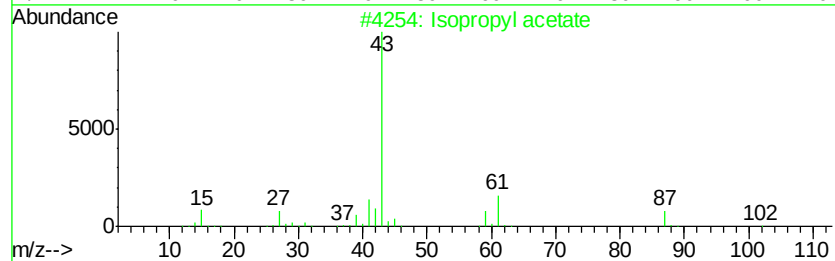
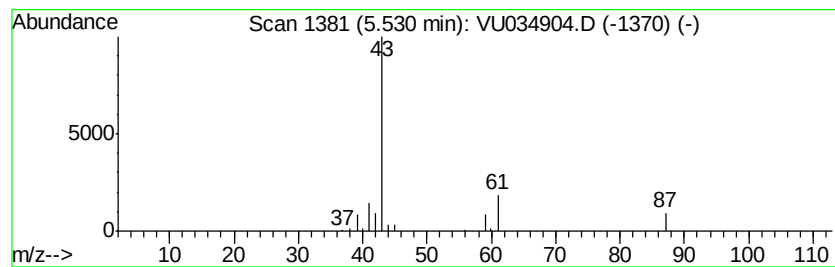
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	5.59 ug/L	109777	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl acetate	102	C5H10O2	000108-21-4	83
2		Isopropyl acetate	102	C5H10O2	000108-21-4	83
3		Isopropyl acetate	102	C5H10O2	000108-21-4	74
4		Isopropyl acetate	102	C5H10O2	000108-21-4	74
5		n-Propyl acetate	102	C5H10O2	000109-60-4	9



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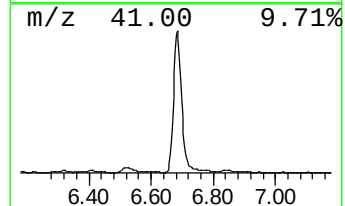
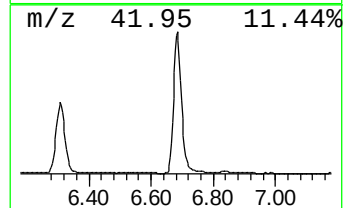
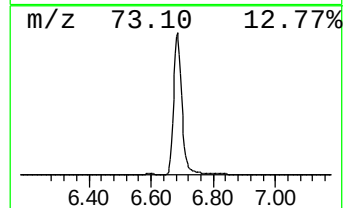
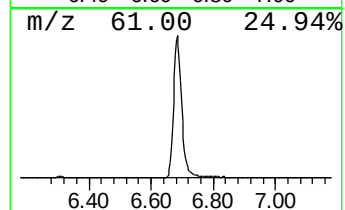
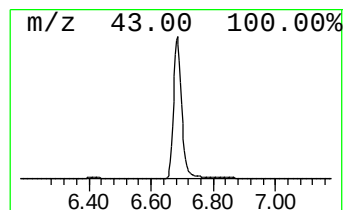
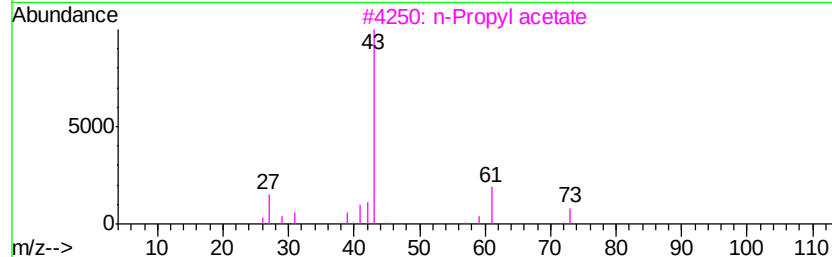
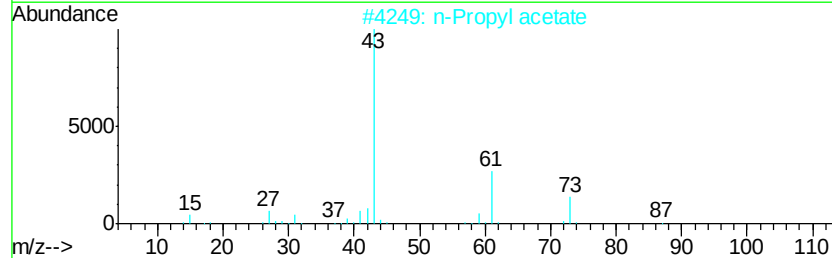
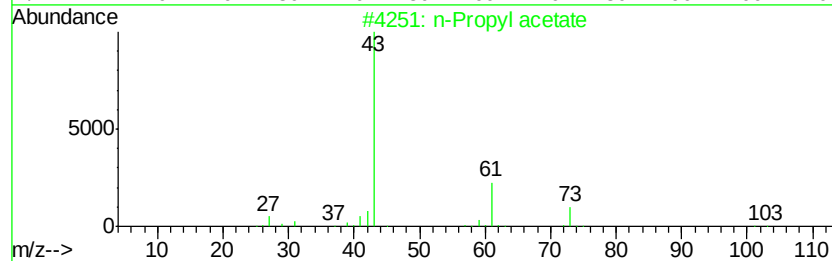
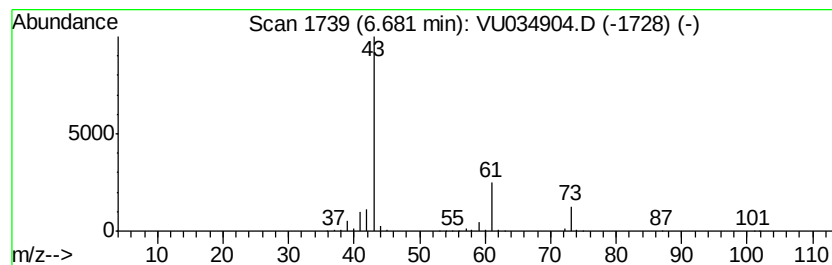
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Quant Title : VOC Analysis

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

Peak Number 3 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	86.98 ug/L	1709560	1,4-Difluorobenzene	5.86

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	83
3		n-Propyl acetate	102	C5H10O2	000109-60-4	78
4		Isopropyl acetate	102	C5H10O2	000108-21-4	38
5		Isobutyl acetate	116	C6H12O2	000110-19-0	9



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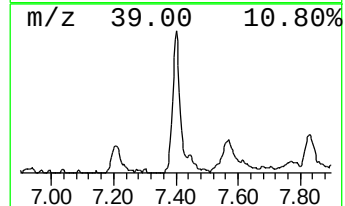
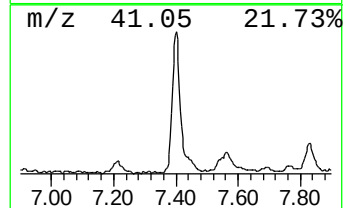
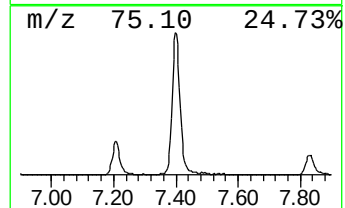
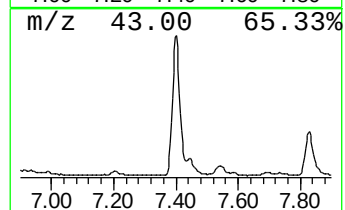
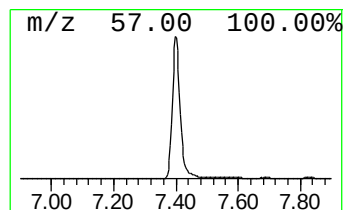
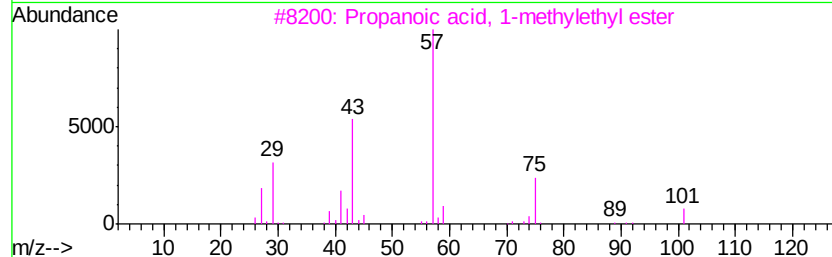
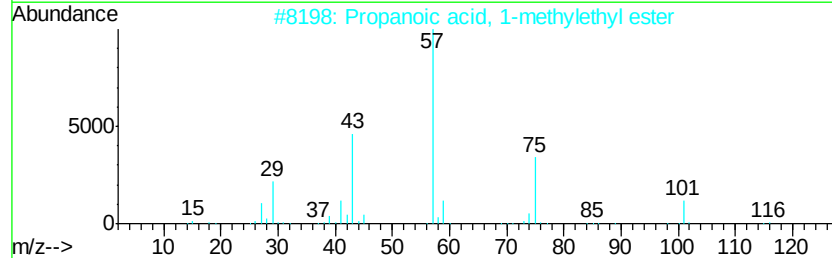
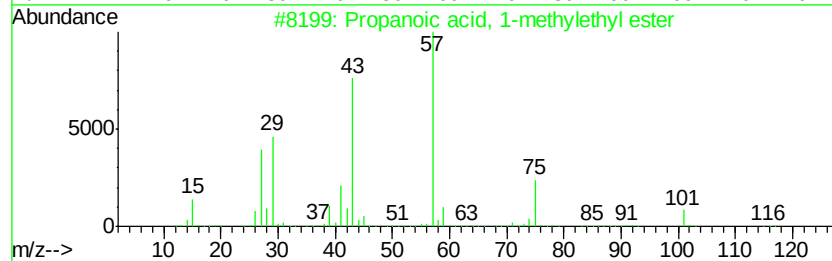
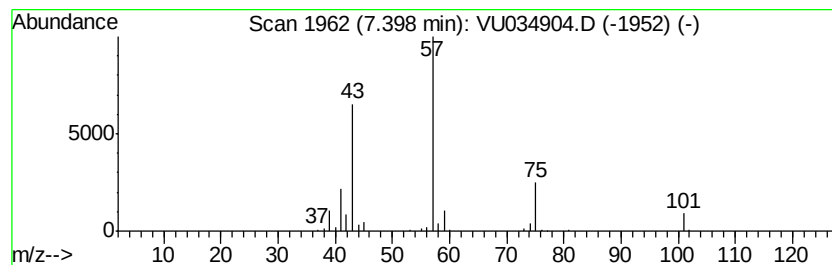
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Peak Number 5 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	12.05 ug/L	236832	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
5		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	40



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Data File : VU034904.D
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Operator : JC/SP
Sample : K5028-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDL8

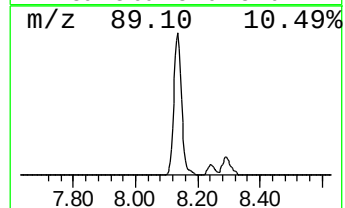
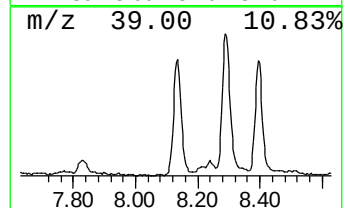
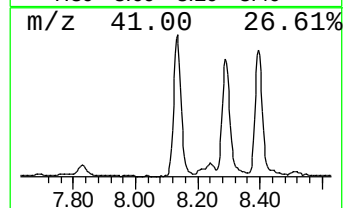
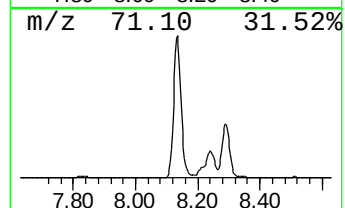
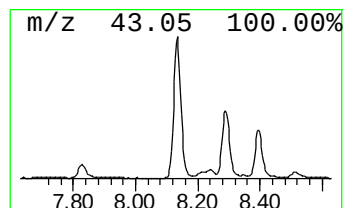
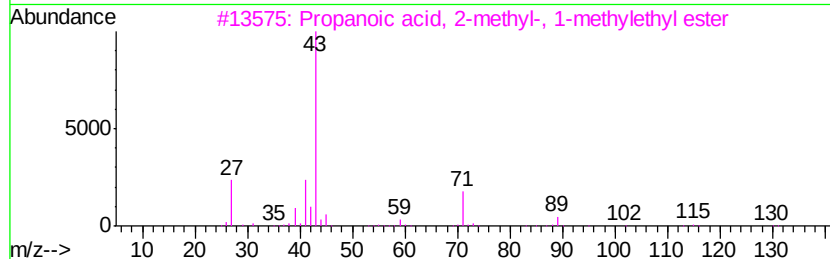
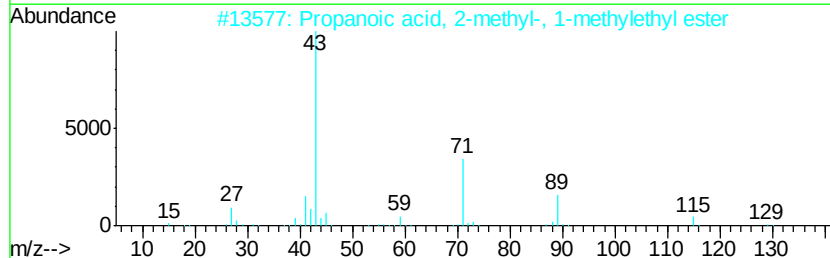
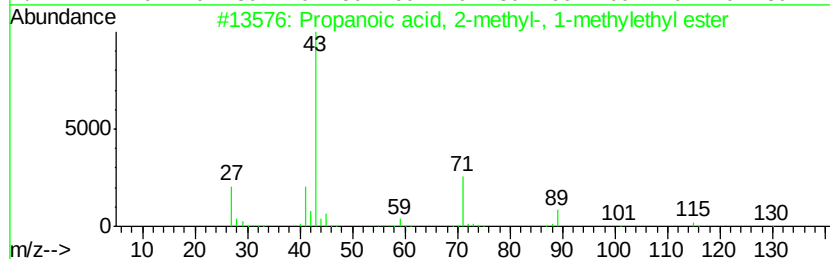
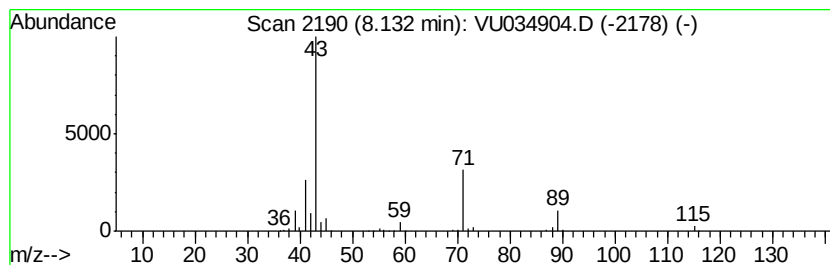
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Quant Title : VOC Analysis

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

Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	16.13 ug/L	398893	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
3		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
4		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56
5		N-Hydroxymethylacetamide	89	C3H7NO2	000625-51-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034904.D
Acq On : 01 Oct 2019 21:41
Operator : JC/SP
Sample : K5028-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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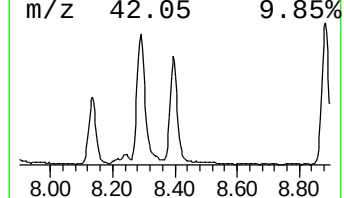
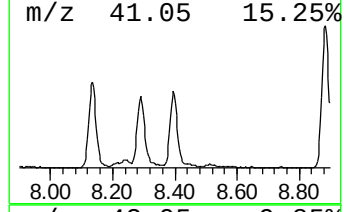
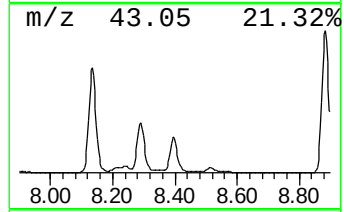
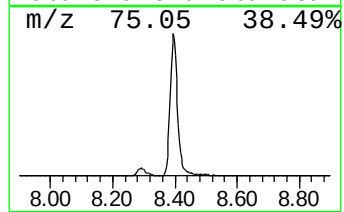
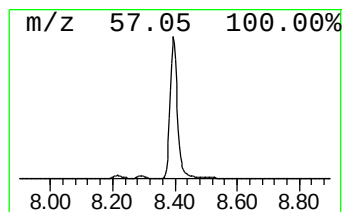
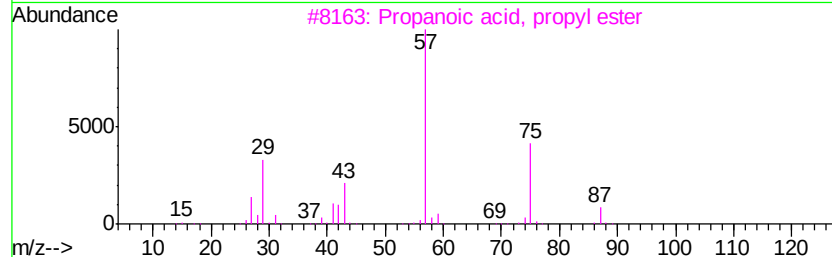
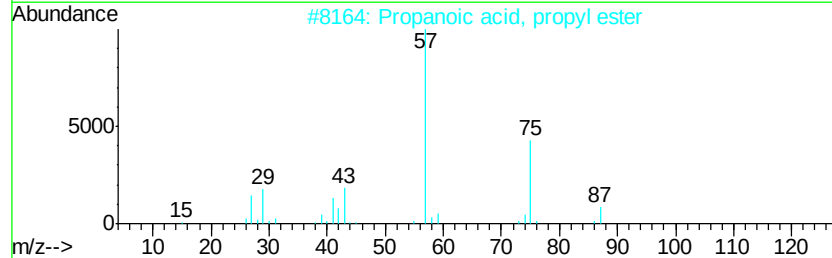
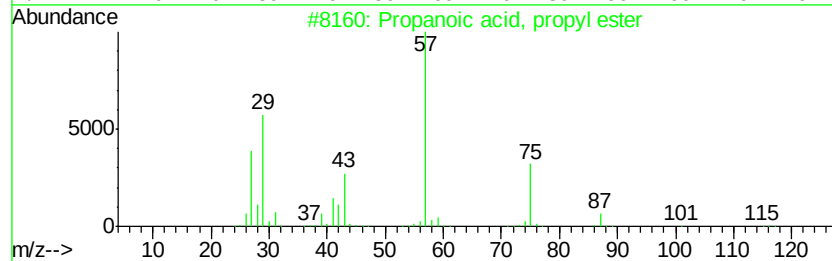
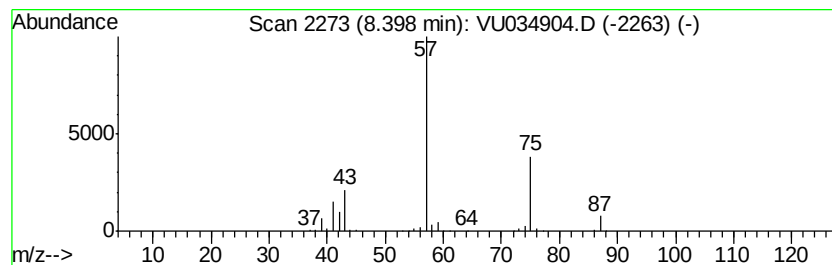
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Quant Title : VOC Analysis

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

Peak Number 7 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	25.04 ug/L	619203	Chlorobenzene-d5	9.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	74
5			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034904.D
Acq On : 01 Oct 2019 21:41
Operator : JC/SP
Sample : K5028-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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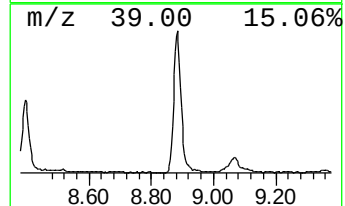
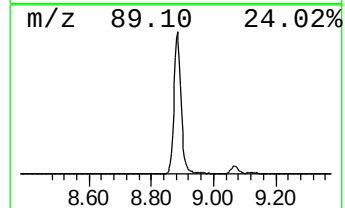
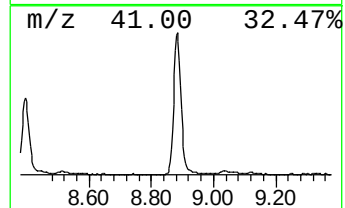
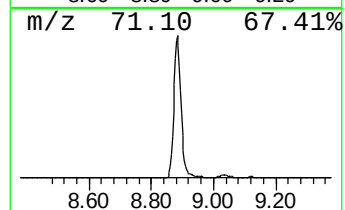
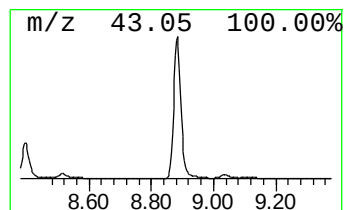
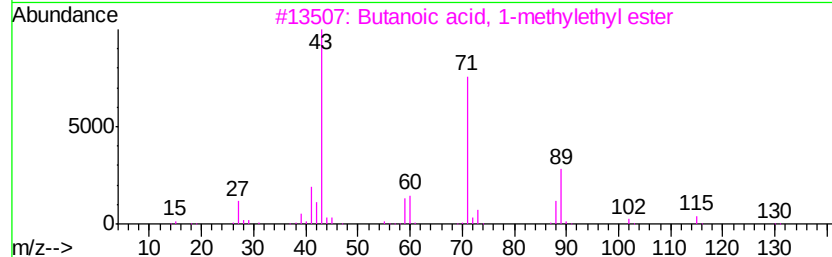
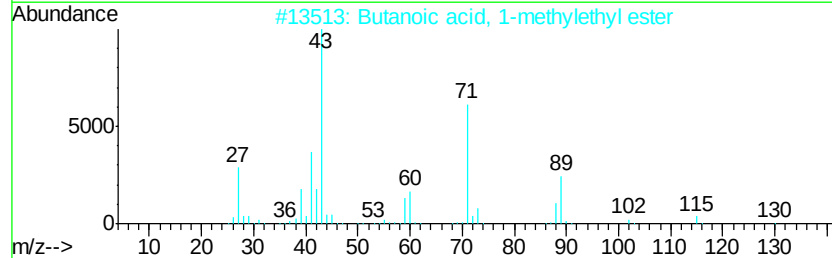
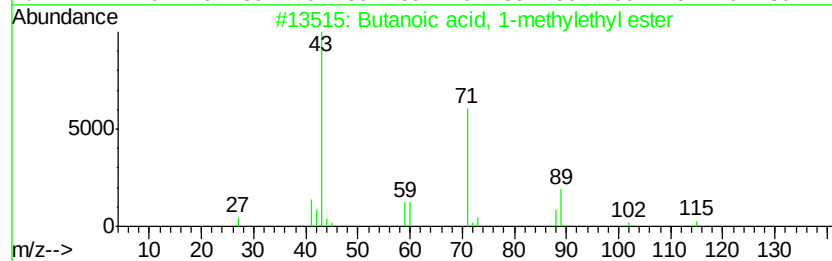
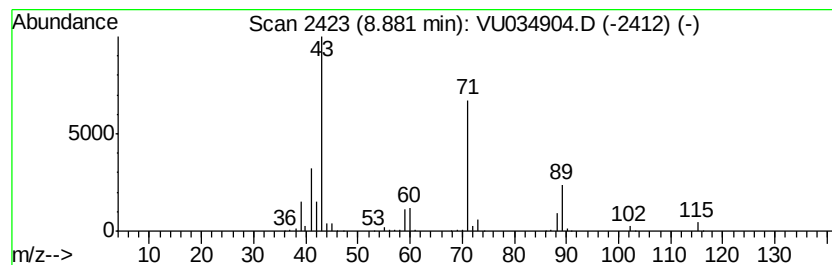
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Quant Title : VOC Analysis

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

Peak Number 8 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	31.70 ug/L	783991	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	90
4		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	86
5		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034904.D
Acq On : 01 Oct 2019 21:41
Operator : JC/SP
Sample : K5028-13
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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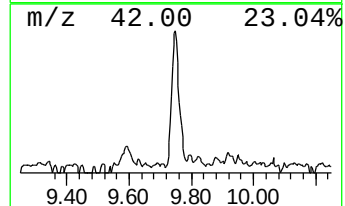
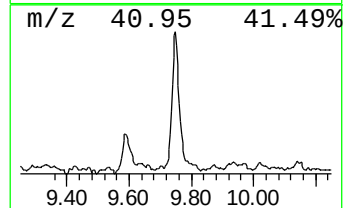
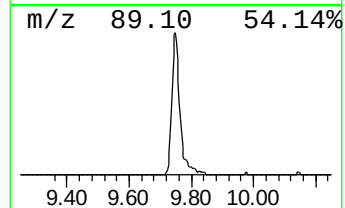
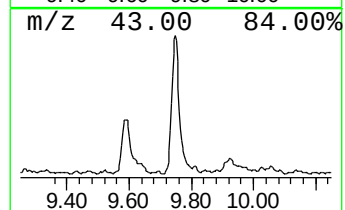
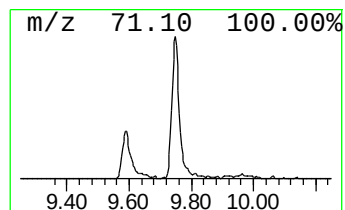
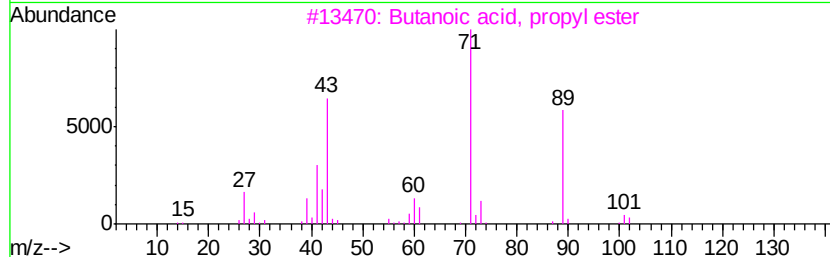
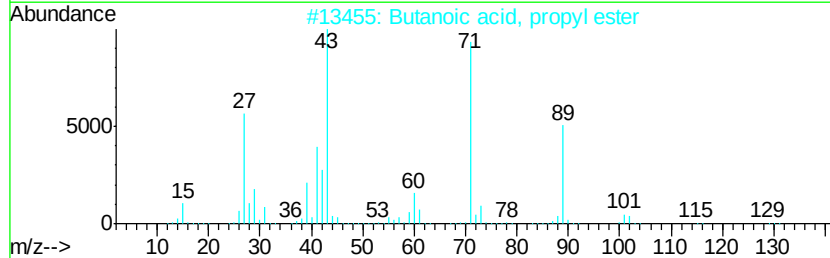
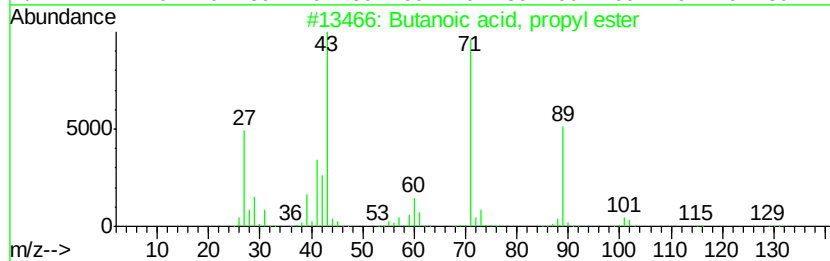
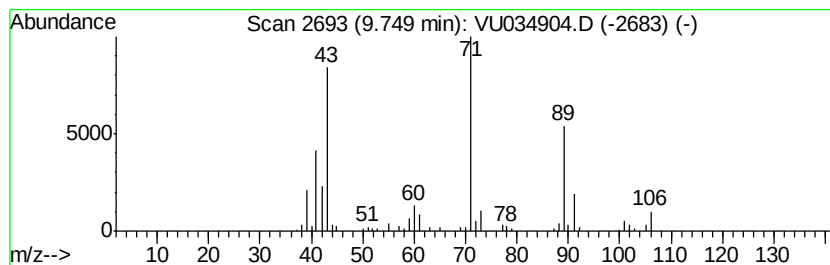
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Quant Title : VOC Analysis

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

Peak Number 9 Butanoic acid, propyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	3.75 ug/L	92685	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
4		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	80
5		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034904.D
Acq On : 01 Oct 2019 21:41
Operator : JC/SP
Sample : K5028-13
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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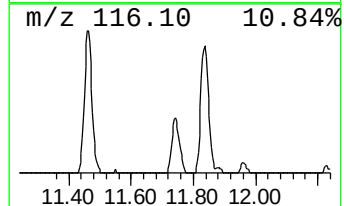
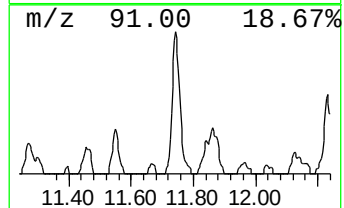
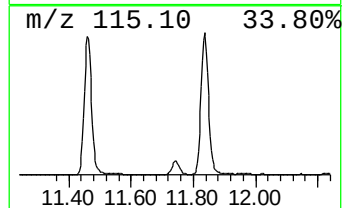
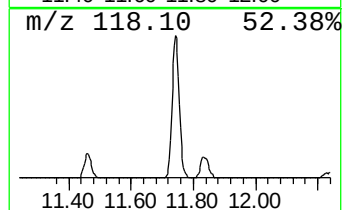
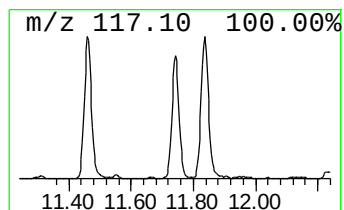
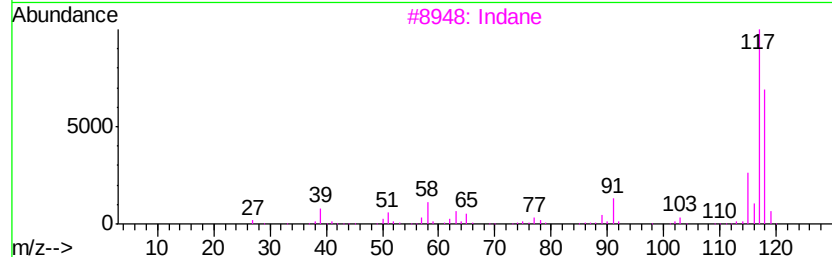
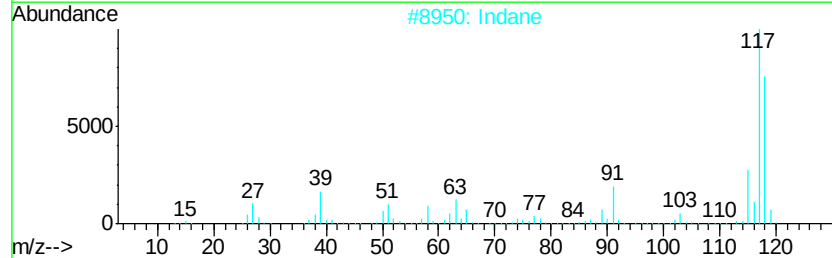
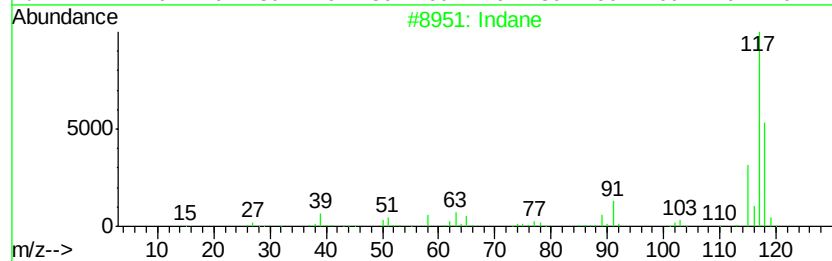
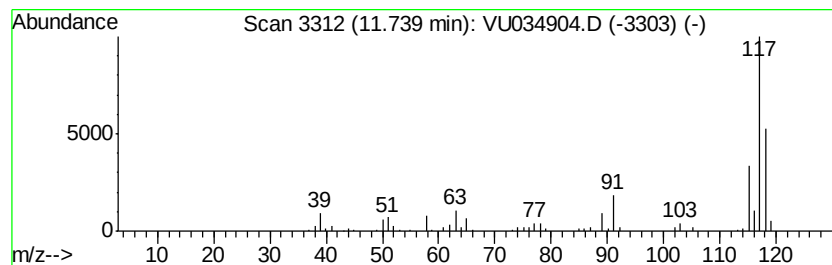
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Quant Title : VOC Analysis

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

Peak Number 10 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.56 ug/L	92997	1,4-Dichlorobenzene-d4	11.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	Indane		118	C9H10	000496-11-7	90
3	Indane		118	C9H10	000496-11-7	81
4	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	80
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034904.D
Acq On : 01 Oct 2019 21:41
Operator : JC/SP
Sample : K5028-13
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ALS Vial : 17 Sample Multiplier: 1

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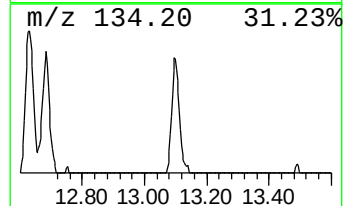
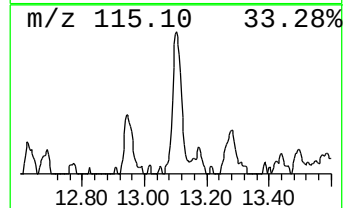
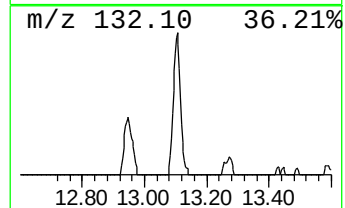
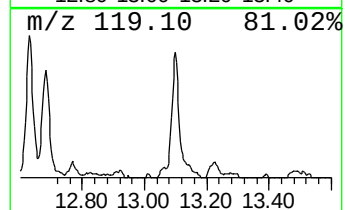
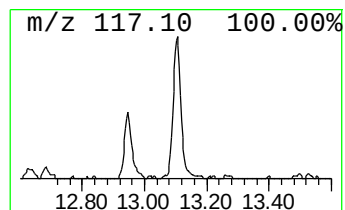
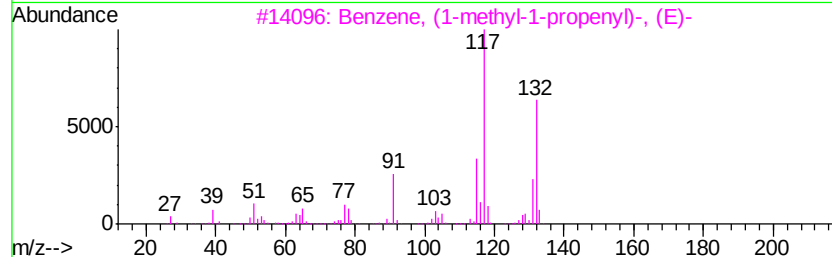
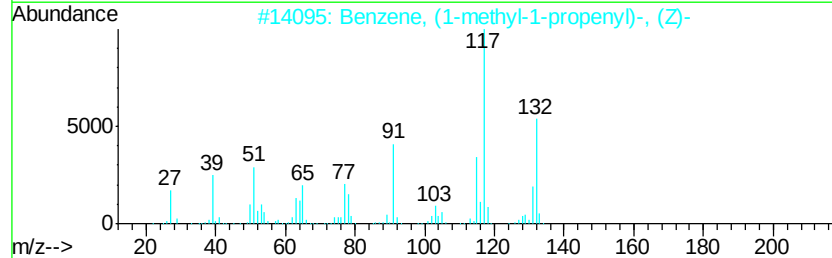
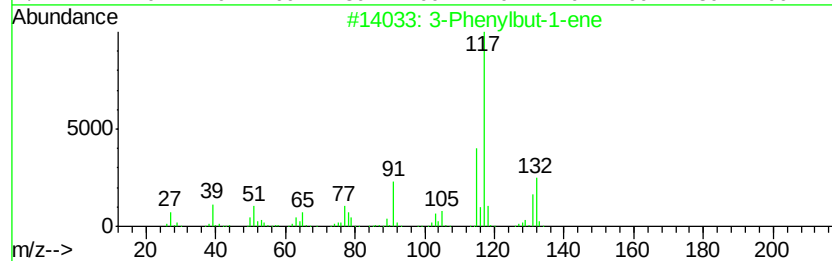
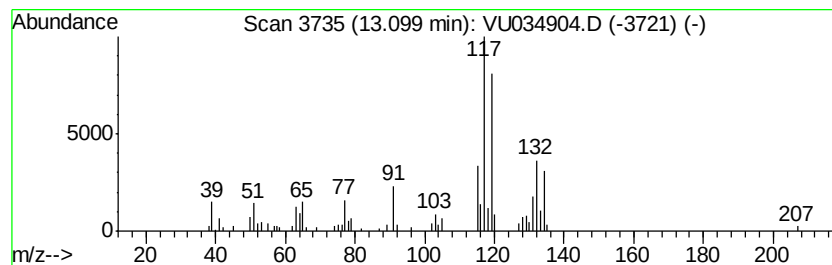
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Quant Title : VOC Analysis

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

Peak Number 11 3-Phenylbut-1-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.33 ug/L	68005	1,4-Dichlorobenzene-d4	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034904.D
Acq On : 01 Oct 2019 21:41
Operator : JC/SP
Sample : K5028-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDL8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.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
Isopropyl acetate	5.53	5.6	ug/L	109777	1	5.86	982785	50.0
n-Propyl acetate	6.68	87.0	ug/L	1709560	1	5.86	982785	50.0
Propanoic acid, 1...	7.40	12.1	ug/L	236832	1	5.86	982785	50.0
Propanoic acid, 2...	8.13	16.1	ug/L	398893	2	9.07	1236640	50.0
Propanoic acid, p...	8.40	25.0	ug/L	619203	2	9.07	1236640	50.0
Butanoic acid, 1-...	8.88	31.7	ug/L	783991	2	9.07	1236640	50.0
Butanoic acid, pr...	9.75	3.8	ug/L	92685	2	9.07	1236640	50.0
Indane	11.74	4.6	ug/L	92997	3	11.46	1020610	50.0
3-Phenylbut-1-ene	13.10	3.3	ug/L	68005	3	11.46	1020610	50.0