

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046111.D
 Acq On : 06 Dec 2021 14:57
 Operator : SY/MD
 Sample : M4938-02 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8D8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

Signal : TIC: VU046111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	95	rVB	93702	102690	13.59%	1.556%
2	1.915	170	179	191	rBV	65966	83111	11.00%	1.259%
3	2.391	323	327	329	rBV2	271	205	0.03%	0.003%
4	2.510	360	364	369	rVB2	247	266	0.04%	0.004%
5	2.571	369	383	403	rBV	161461	271168	35.88%	4.108%
6	2.758	436	441	444	rBV2	190	162	0.02%	0.002%
7	2.790	447	451	455	rBV2	292	359	0.05%	0.005%
8	2.954	499	502	507	rBV2	248	320	0.04%	0.005%
9	3.050	522	532	542	rVB3	4143	7484	0.99%	0.113%
10	3.189	567	575	587	rVB	1572	3282	0.43%	0.050%
11	3.684	723	729	733	rBV	213	313	0.04%	0.005%
12	3.816	767	770	773	rBV2	159	146	0.02%	0.002%
13	4.134	866	869	873	rVB	208	189	0.03%	0.003%
14	4.227	895	898	901	rVV2	202	148	0.02%	0.002%
15	4.414	951	956	961	rBV2	186	168	0.02%	0.003%
16	4.452	965	968	974	rVB	194	204	0.03%	0.003%
17	4.507	983	985	992	rVB2	186	179	0.02%	0.003%
18	4.632	1006	1024	1051	rBV	70560	183989	24.34%	2.787%
19	4.828	1081	1085	1088	rVB	243	154	0.02%	0.002%
20	5.066	1143	1159	1182	rBV	132199	294193	38.93%	4.456%
21	5.163	1187	1189	1191	rBV2	237	149	0.02%	0.002%
22	5.224	1205	1208	1213	rVB3	310	269	0.04%	0.004%
23	5.272	1220	1223	1225	rBV	269	202	0.03%	0.003%
24	5.298	1228	1231	1235	rVB3	365	306	0.04%	0.005%
25	5.385	1254	1258	1264	rVB2	207	201	0.03%	0.003%
26	5.468	1280	1284	1289	rVV2	258	287	0.04%	0.004%
27	5.729	1343	1365	1383	rBV2	281812	755770	100.00%	11.448%
28	5.912	1414	1422	1430	rVB4	1396	2151	0.28%	0.033%
29	6.034	1457	1460	1464	rBV2	175	185	0.02%	0.003%
30	6.253	1513	1528	1545	rBV	250979	473835	62.70%	7.178%
31	6.494	1599	1603	1606	rBV2	259	206	0.03%	0.003%
32	6.533	1606	1615	1630	rVV3	4107	7848	1.04%	0.119%
33	6.610	1635	1639	1643	rBV	161	147	0.02%	0.002%
34	6.693	1648	1665	1681	rBV	172119	329211	43.56%	4.987%
35	6.812	1700	1702	1707	rVB	469	245	0.03%	0.004%
36	6.899	1724	1729	1731	rBV2	332	317	0.04%	0.005%

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Integrator: RTE

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37	6.935	1731	1740	1748	rVV2	825	1448	0.19%	0.022%
38	7.041	1760	1773	1801	rBV	90910	159534	21.11%	2.417%
39	7.298	1850	1853	1859	rVB2	192	149	0.02%	0.002%
40	7.568	1923	1937	1951	rBV	101600	174930	23.15%	2.650%
41	7.738	1978	1990	2002	rBV	13011	21630	2.86%	0.328%
42	7.793	2003	2007	2013	rVB	652	558	0.07%	0.008%
43	7.899	2026	2040	2057	rBV	365475	632823	83.73%	9.586%
44	8.066	2089	2092	2097	rVB	264	231	0.03%	0.003%
45	8.179	2113	2127	2147	rBV2	67094	114251	15.12%	1.731%
46	8.320	2169	2171	2174	rVB	313	190	0.03%	0.003%
47	8.465	2207	2216	2225	rBV3	3108	4547	0.60%	0.069%
48	8.574	2239	2250	2257	rBV3	8555	13331	1.76%	0.202%
49	8.632	2257	2268	2288	rVV	218069	374186	49.51%	5.668%
50	8.729	2288	2298	2320	rVB	143904	228176	30.19%	3.456%
51	8.835	2320	2331	2341	rBV	13027	20799	2.75%	0.315%
52	8.918	2350	2357	2366	rVB4	845	1313	0.17%	0.020%
53	9.105	2412	2415	2417	rBV2	180	149	0.02%	0.002%
54	9.169	2432	2435	2437	rBV2	221	146	0.02%	0.002%
55	9.211	2437	2448	2463	rBV	73049	110404	14.61%	1.672%
56	9.362	2491	2495	2500	rBV2	307	339	0.04%	0.005%
57	9.417	2500	2512	2538	rBV	358254	597610	79.07%	9.052%
58	9.526	2544	2546	2552	rVB2	212	236	0.03%	0.004%
59	9.568	2554	2559	2565	rBV2	350	498	0.07%	0.008%
60	9.696	2591	2599	2607	rBV	938	1521	0.20%	0.023%
61	10.012	2693	2697	2701	rBV2	174	188	0.02%	0.003%
62	10.073	2710	2716	2723	rVV3	1818	2547	0.34%	0.039%
63	10.520	2850	2855	2859	rVB	170	177	0.02%	0.003%
64	10.674	2893	2903	2911	rVB3	1639	2366	0.31%	0.036%
65	10.758	2916	2929	2946	rVB	240461	384394	50.86%	5.823%
66	10.864	2960	2962	2970	rBV2	250	312	0.04%	0.005%
67	11.095	3029	3034	3036	rVB2	271	194	0.03%	0.003%
68	11.307	3094	3100	3104	rBV	224	323	0.04%	0.005%
69	11.426	3135	3137	3140	rVV2	210	157	0.02%	0.002%
70	11.458	3140	3147	3158	rVB4	1612	2622	0.35%	0.040%
71	11.584	3183	3186	3190	rVB2	344	256	0.03%	0.004%
72	11.693	3216	3220	3230	rVB2	680	721	0.10%	0.011%
73	11.812	3245	3257	3279	rVB	400293	627798	83.07%	9.510%
74	11.973	3301	3307	3315	rVB4	1517	1868	0.25%	0.028%
75	12.011	3315	3319	3321	rBV	374	223	0.03%	0.003%
76	12.195	3361	3376	3393	rBV	363914	589253	77.97%	8.926%

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77	12.336	3416	3420	3426	rBV3	319	432	0.06%	0.007%
78	12.616	3504	3507	3511	rVB	266	189	0.03%	0.003%
79	12.642	3511	3515	3519	rBV	470	318	0.04%	0.005%
80	12.696	3530	3532	3538	rVB2	182	155	0.02%	0.002%
81	12.838	3573	3576	3581	rVB2	245	214	0.03%	0.003%
82	12.921	3599	3602	3604	rBV2	201	153	0.02%	0.002%
83	13.031	3633	3636	3644	rVB	195	158	0.02%	0.002%
84	13.304	3718	3721	3726	rVB	298	204	0.03%	0.003%
85	13.336	3726	3731	3735	rVB	280	284	0.04%	0.004%
86	13.478	3771	3775	3778	rBV2	165	154	0.02%	0.002%
87	13.519	3785	3788	3793	rBV	249	188	0.02%	0.003%
88	13.825	3879	3883	3886	rBV2	307	306	0.04%	0.005%
89	13.889	3900	3903	3906	rBV2	298	234	0.03%	0.004%
90	14.092	3960	3966	3974	rVB2	749	1208	0.16%	0.018%
91	14.301	4028	4031	4034	rVB2	361	194	0.03%	0.003%
92	14.368	4050	4052	4056	rVB2	234	154	0.02%	0.002%
93	14.696	4150	4154	4158	rVB3	342	331	0.04%	0.005%
94	14.770	4173	4177	4184	rVB	349	291	0.04%	0.004%
95	14.947	4229	4232	4234	rBV2	270	188	0.02%	0.003%
96	15.092	4274	4277	4280	rBV	268	211	0.03%	0.003%
97	15.227	4313	4319	4331	rBV2	1488	2324	0.31%	0.035%
98	15.986	4552	4555	4557	rBV	402	238	0.03%	0.004%
99	16.590	4741	4743	4744	rBV	439	187	0.02%	0.003%
100	17.092	4895	4899	4901	rBV2	1035	898	0.12%	0.014%

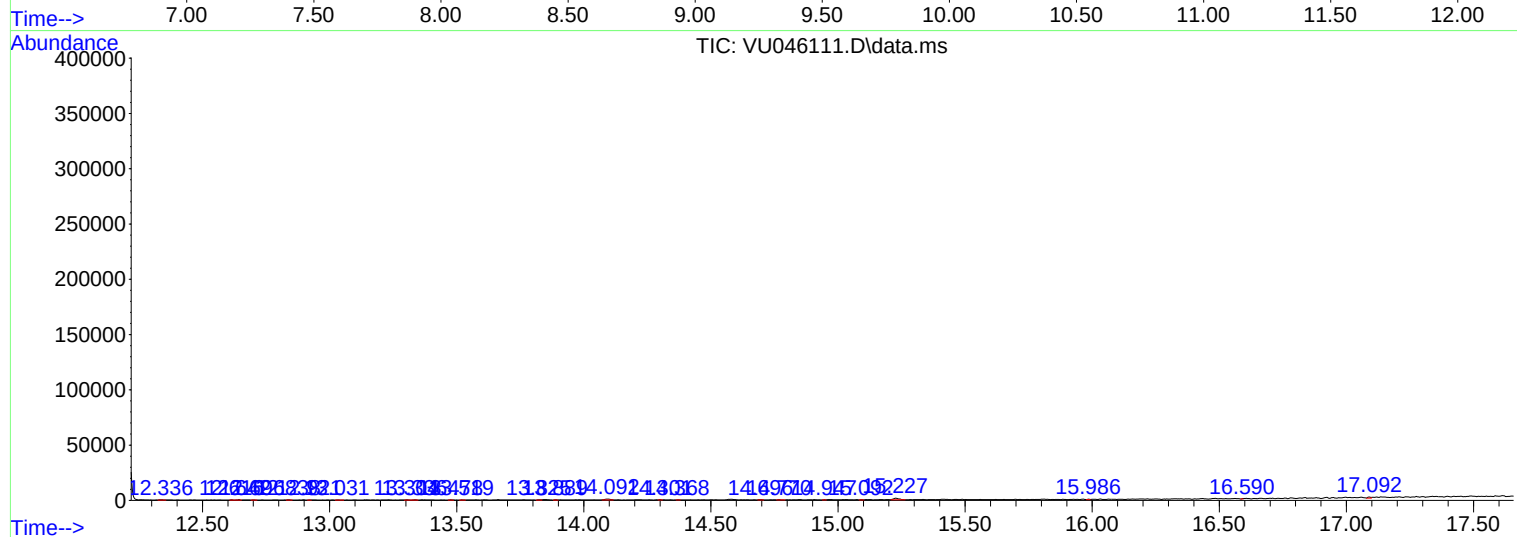
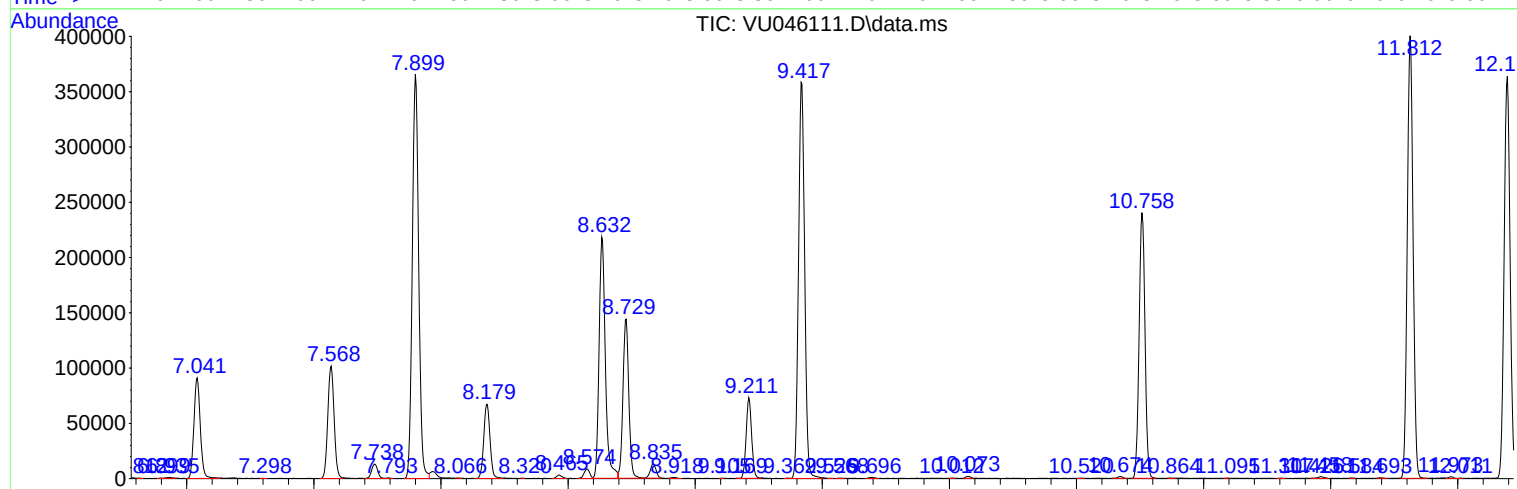
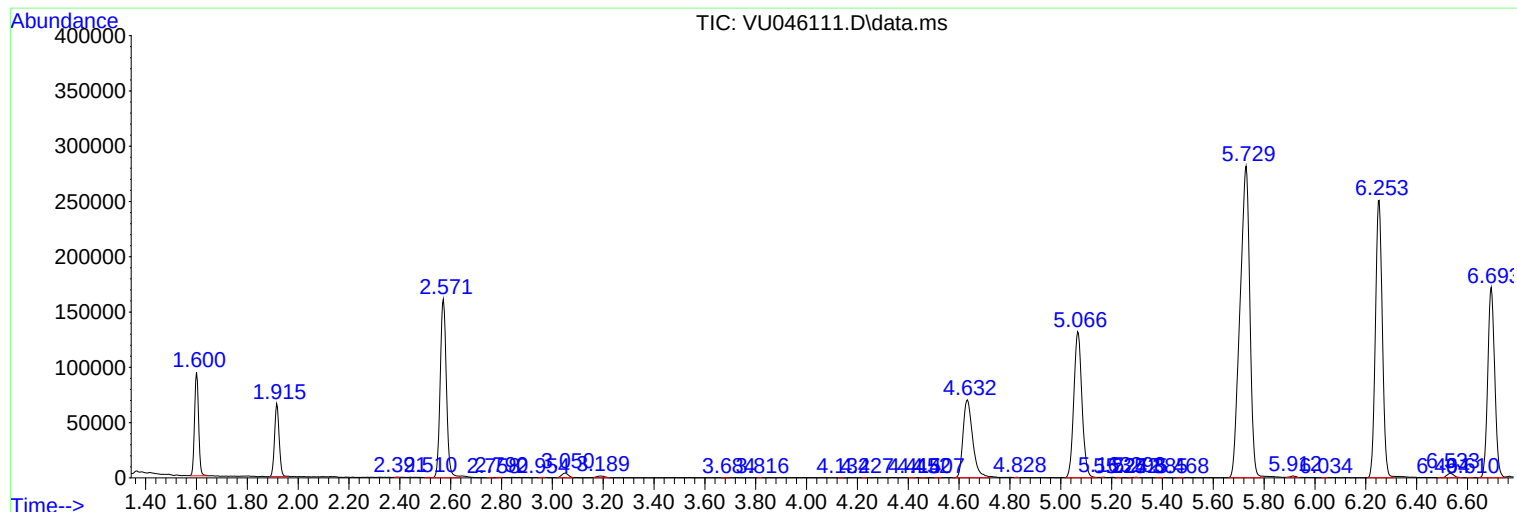
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EX8D8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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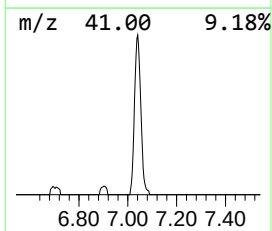
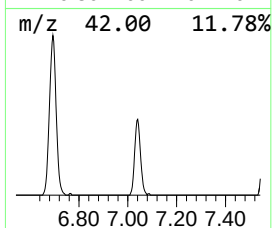
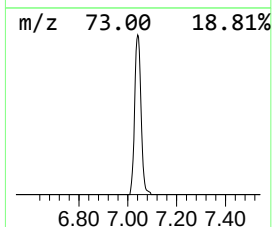
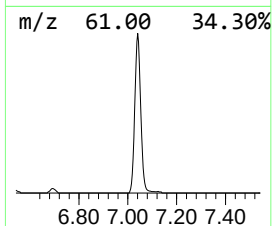
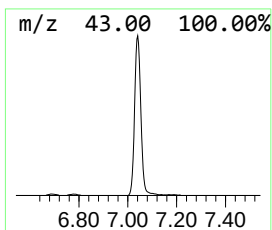
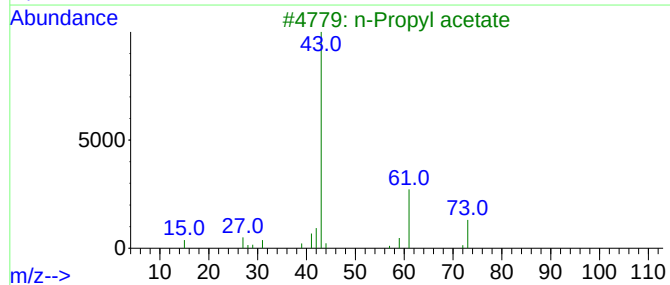
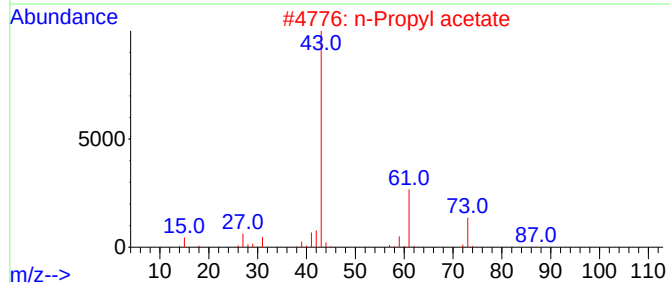
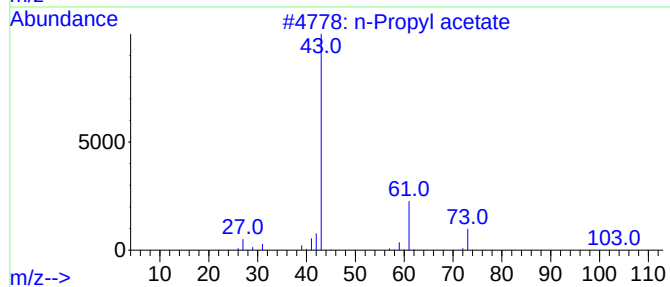
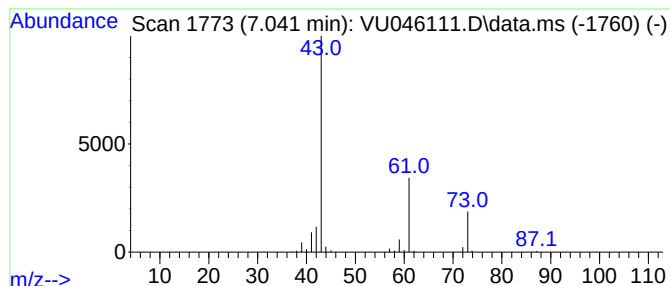
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.041	16.83 ug/L	159534	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	n-Propyl acetate			102	C5H10O2	000109-60-4	64
5	Isopropyl acetate			102	C5H10O2	000108-21-4	36



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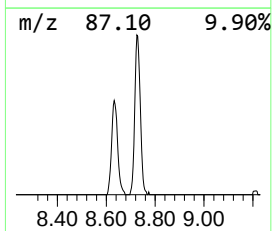
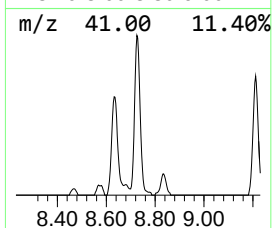
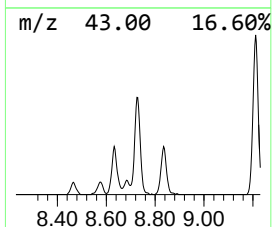
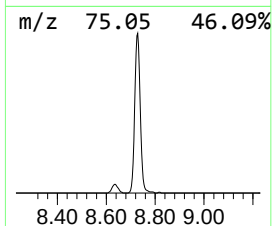
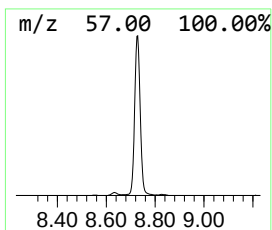
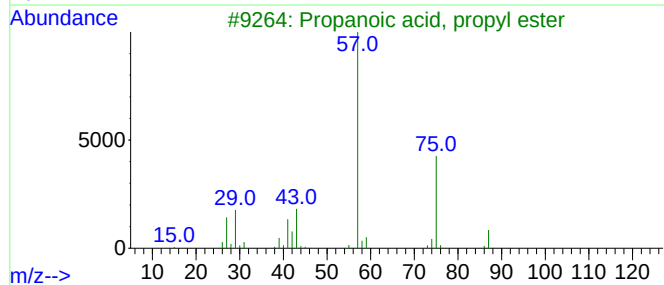
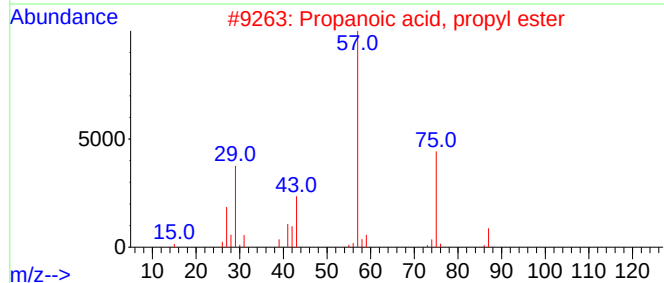
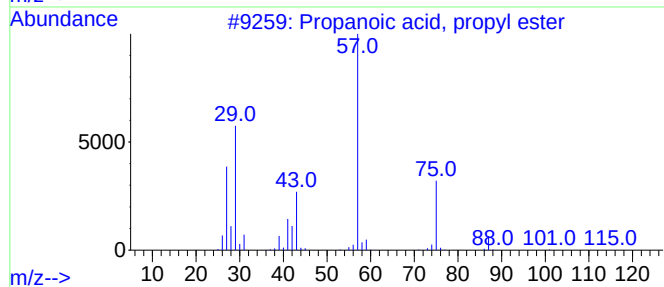
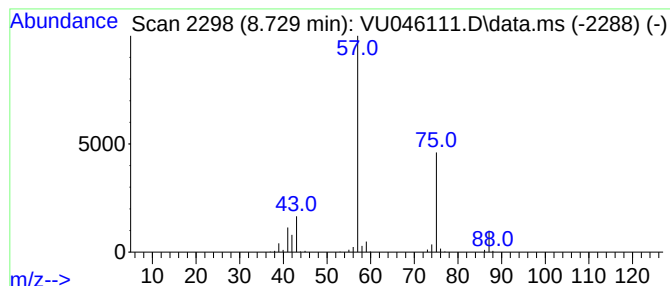
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.729	19.09 ug/L	228176	Chlorobenzene-d5	9.420

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	83
5			Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83



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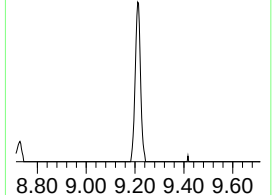
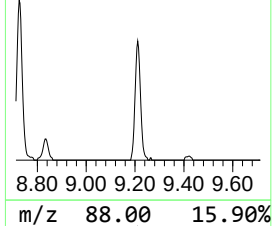
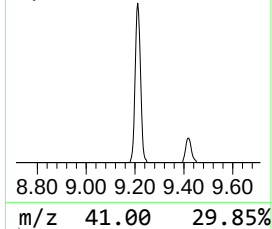
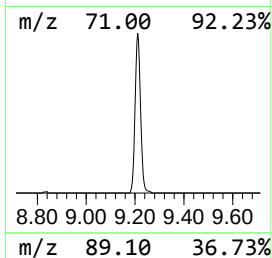
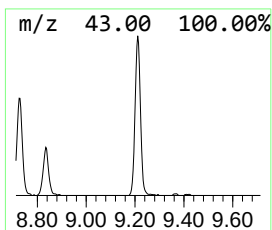
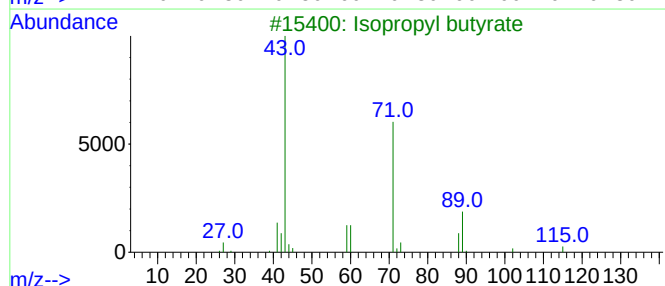
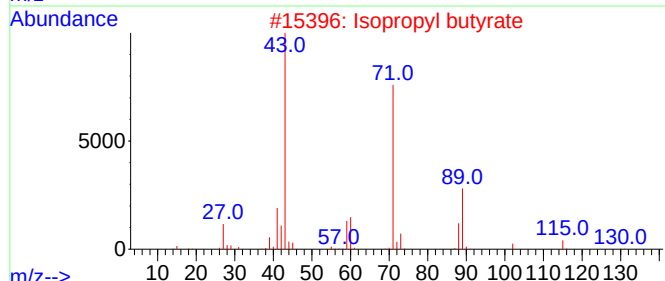
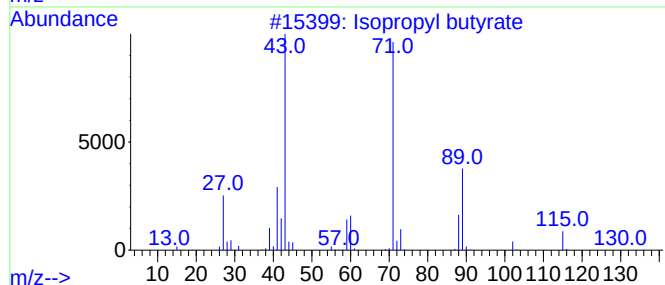
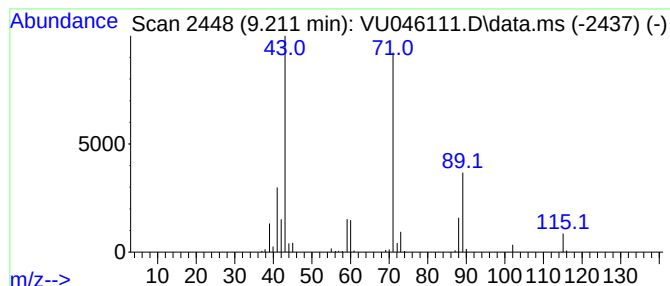
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Isopropyl butyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.211	9.24 ug/L	110404	Chlorobenzene-d5	9.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl butyrate	130	C7H14O2	000638-11-9	91
2			Isopropyl butyrate	130	C7H14O2	000638-11-9	90
3			Isopropyl butyrate	130	C7H14O2	000638-11-9	83
4			Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
5			Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046111.D
Acq On : 06 Dec 2021 14:57
Operator : SY/MD
Sample : M4938-02 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8D8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Propyl acetate	7.041	16.8	ug/L	159534	1	6.253	473835	50.0
Propanoic acid,...	8.729	19.1	ug/L	228176	2	9.420	597610	50.0
Isopropyl butyrate	9.211	9.2	ug/L	110404	2	9.420	597610	50.0