

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032980.D
 Acq On : 22 Jun 2019 05:49
 Operator : JC/SP
 Sample : K3464-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF56

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	1.395	88	95	105	rVB	83521	83278	11.40%	1.395%
2	1.675	174	182	196	rVB	71958	88147	12.07%	1.477%
3	2.267	356	366	377	rVB	141295	212434	29.08%	3.559%
4	2.370	396	398	401	rBV2	347	231	0.03%	0.004%
5	2.444	410	421	437	rBV	18578	34879	4.77%	0.584%
6	2.653	482	486	489	rBV3	327	240	0.03%	0.004%
7	2.784	525	527	531	rVB	446	262	0.04%	0.004%
8	2.833	531	542	552	rBV6	1284	2655	0.36%	0.044%
9	2.926	568	571	576	rVB3	479	359	0.05%	0.006%
10	2.974	582	586	589	rBV2	289	242	0.03%	0.004%
11	3.132	628	635	636	rBV2	349	279	0.04%	0.005%
12	3.180	636	650	669	rVV2	14035	30516	4.18%	0.511%
13	3.399	713	718	720	rBV2	243	236	0.03%	0.004%
14	3.424	723	726	734	rVB3	414	495	0.07%	0.008%
15	3.559	764	768	771	rBV	393	234	0.03%	0.004%
16	3.794	836	841	843	rBV	240	251	0.03%	0.004%
17	3.833	850	853	858	rVB2	367	272	0.04%	0.005%
18	4.096	928	935	936	rBV3	287	246	0.03%	0.004%
19	4.170	946	958	989	rBV	74043	197483	27.03%	3.309%
20	4.363	1015	1018	1021	rBV	410	299	0.04%	0.005%
21	4.524	1066	1068	1071	rVB3	398	235	0.03%	0.004%
22	4.563	1077	1080	1085	rVB2	332	277	0.04%	0.005%
23	4.640	1087	1104	1127	rBV	127516	300357	41.12%	5.032%
24	4.730	1130	1132	1136	rVB	456	254	0.03%	0.004%
25	4.775	1143	1146	1151	rVV2	295	225	0.03%	0.004%
26	4.823	1159	1161	1165	rBV2	367	259	0.04%	0.004%
27	4.874	1171	1177	1179	rBV3	416	512	0.07%	0.009%
28	4.887	1179	1181	1188	rVB3	584	502	0.07%	0.008%
29	4.923	1188	1192	1195	rBV3	241	228	0.03%	0.004%
30	4.958	1199	1203	1207	rBV2	280	214	0.03%	0.004%
31	5.138	1253	1259	1264	rBV2	447	441	0.06%	0.007%
32	5.167	1264	1268	1271	rVB2	332	254	0.03%	0.004%
33	5.193	1271	1276	1281	rBV2	267	295	0.04%	0.005%
34	5.334	1296	1320	1349	rBV2	241753	730525	100.00%	12.239%

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 Title : VOC Analysis

35	5.472	1361	1363	1365	rVV2	431	256	0.04%	0.004%
36	5.498	1369	1371	1376	rVV	545	357	0.05%	0.006%
37	5.537	1380	1383	1389	rBV3	374	361	0.05%	0.006%
38	5.598	1399	1402	1406	rBV4	296	233	0.03%	0.004%
39	5.656	1418	1420	1423	rBV2	408	273	0.04%	0.005%
40	5.726	1440	1442	1445	rBV	326	238	0.03%	0.004%
41	5.791	1454	1462	1469	rVB5	1101	1899	0.26%	0.032%
42	5.881	1476	1490	1517	rBV	242121	480979	65.84%	8.058%
43	6.054	1540	1544	1546	rBV3	252	217	0.03%	0.004%
44	6.106	1555	1560	1561	rBV2	372	297	0.04%	0.005%
45	6.170	1571	1580	1590	rVB5	1976	3849	0.53%	0.064%
46	6.263	1606	1609	1613	rBV4	346	414	0.06%	0.007%
47	6.324	1613	1628	1647	rVV	170864	340414	46.60%	5.703%
48	6.427	1658	1660	1667	rBV5	331	399	0.05%	0.007%
49	6.463	1667	1671	1676	rVV5	709	606	0.08%	0.010%
50	6.521	1686	1689	1692	rVB3	363	234	0.03%	0.004%
51	6.710	1741	1748	1751	rBV	383	376	0.05%	0.006%
52	6.755	1756	1762	1767	rBV2	409	493	0.07%	0.008%
53	6.787	1767	1772	1774	rBV2	388	273	0.04%	0.005%
54	6.816	1774	1781	1792	rVB4	2156	3422	0.47%	0.057%
55	6.865	1792	1796	1801	rBV2	398	453	0.06%	0.008%
56	6.993	1831	1836	1838	rBV2	384	271	0.04%	0.005%
57	7.222	1894	1907	1932	rBV	90778	163407	22.37%	2.738%
58	7.386	1946	1958	1971	rBV3	12935	25006	3.42%	0.419%
59	7.559	1999	2012	2030	rBV	316888	552323	75.61%	9.253%
60	7.845	2088	2101	2116	rBV	64022	110562	15.13%	1.852%
61	8.170	2197	2202	2214	rVB3	860	1365	0.19%	0.023%
62	8.305	2228	2244	2280	rBV	221202	410438	56.18%	6.876%
63	8.524	2310	2312	2316	rVB	350	216	0.03%	0.004%
64	8.546	2316	2319	2324	rBV2	407	487	0.07%	0.008%
65	8.588	2329	2332	2334	rVB2	390	262	0.04%	0.004%
66	8.611	2334	2339	2342	rBV3	359	393	0.05%	0.007%
67	8.710	2366	2370	2374	rVB3	300	244	0.03%	0.004%
68	8.755	2377	2384	2388	rBV3	358	463	0.06%	0.008%
69	8.836	2403	2409	2414	rVB3	292	361	0.05%	0.006%
70	9.012	2461	2464	2469	rBV2	196	219	0.03%	0.004%
71	9.083	2474	2486	2505	rBV	371419	618881	84.72%	10.368%

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72	9.360	2565	2572	2581	rVB8	3257	5197	0.71%	0.087%
73	9.424	2585	2592	2595	rVB3	515	552	0.08%	0.009%
74	9.537	2621	2627	2630	rBV3	329	319	0.04%	0.005%
75	9.643	2658	2660	2665	rBV	329	326	0.04%	0.005%
76	9.746	2683	2692	2694	rBV3	369	590	0.08%	0.010%
77	9.890	2733	2737	2740	rBV2	241	235	0.03%	0.004%
78	9.938	2747	2752	2755	rBV3	285	347	0.05%	0.006%
79	10.061	2787	2790	2793	rVB2	368	268	0.04%	0.004%
80	10.144	2813	2816	2818	rBV	305	225	0.03%	0.004%
81	10.164	2819	2822	2824	rVV3	428	268	0.04%	0.004%
82	10.331	2869	2874	2877	rBV2	320	349	0.05%	0.006%
83	10.424	2892	2903	2921	rVV	254659	410650	56.21%	6.880%
84	10.607	2952	2960	2967	rVB4	1173	1763	0.24%	0.030%
85	10.639	2967	2970	2974	rBV2	247	222	0.03%	0.004%
86	10.842	3030	3033	3036	rBV2	318	221	0.03%	0.004%
87	11.003	3078	3083	3089	rVV3	344	488	0.07%	0.008%
88	11.176	3135	3137	3143	rVB2	385	308	0.04%	0.005%
89	11.218	3143	3150	3158	rBV3	372	702	0.10%	0.012%
90	11.311	3172	3179	3181	rBV2	311	404	0.06%	0.007%
91	11.369	3194	3197	3200	rBV2	342	250	0.03%	0.004%
92	11.479	3219	3231	3258	rBV	361854	585403	80.13%	9.807%
93	11.713	3302	3304	3308	rBV2	434	279	0.04%	0.005%
94	11.855	3332	3348	3377	rBV	326164	548971	75.15%	9.197%
95	12.125	3428	3432	3433	rBV3	432	299	0.04%	0.005%
96	12.475	3537	3541	3546	rBV2	574	586	0.08%	0.010%
97	13.096	3730	3734	3737	rBV3	324	259	0.04%	0.004%
98	13.221	3770	3773	3776	rBV2	349	266	0.04%	0.004%
99	14.327	4115	4117	4119	rBV2	335	230	0.03%	0.004%
100	14.488	4164	4167	4169	rBV2	595	420	0.06%	0.007%

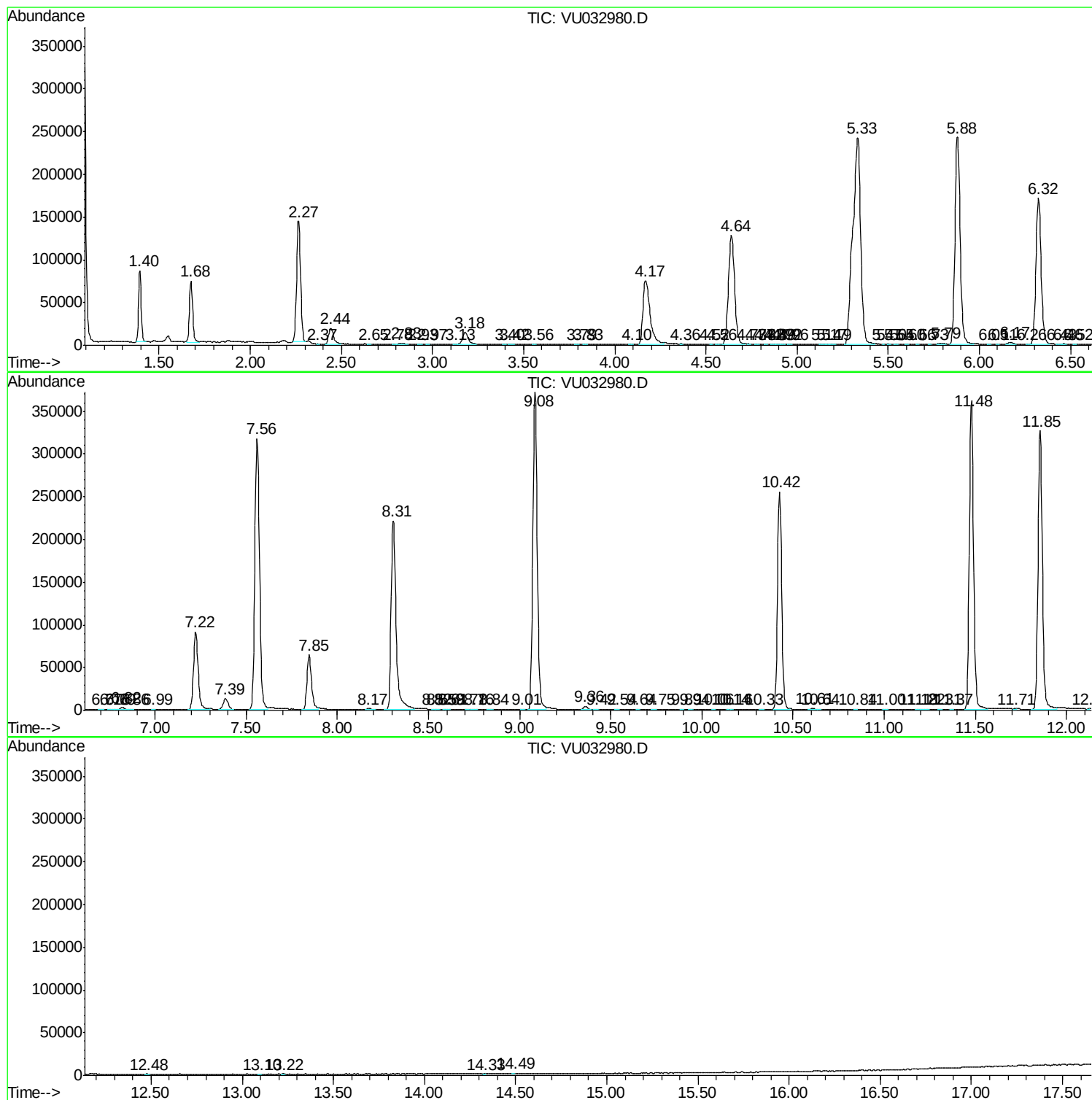
Sum of corrected areas: 5968954

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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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062219\
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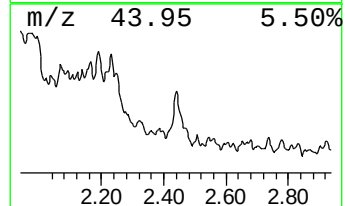
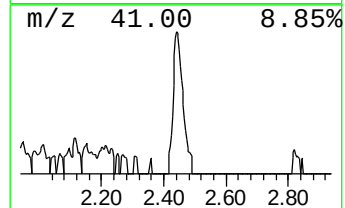
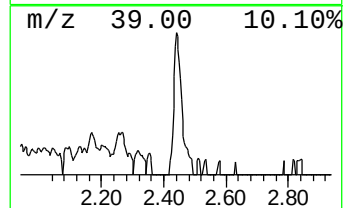
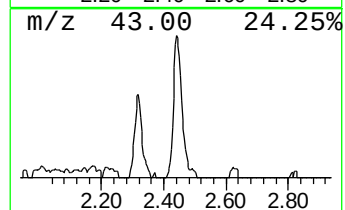
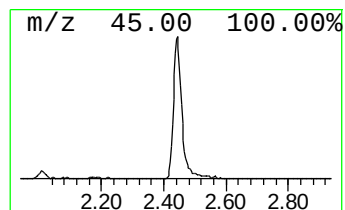
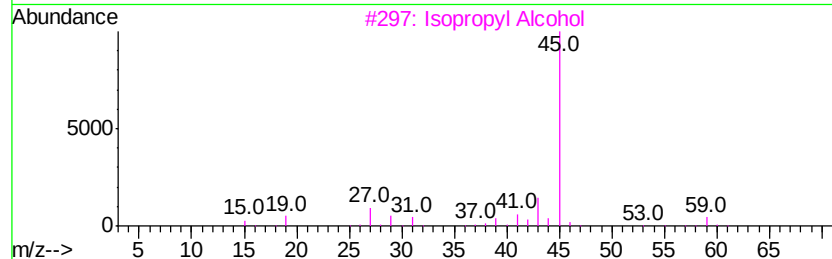
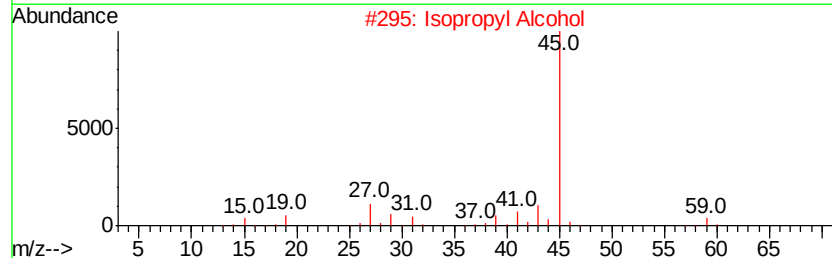
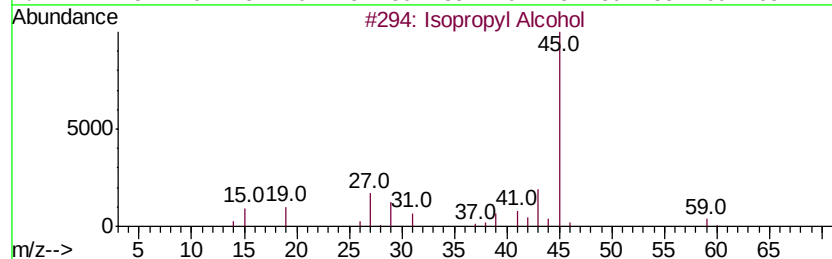
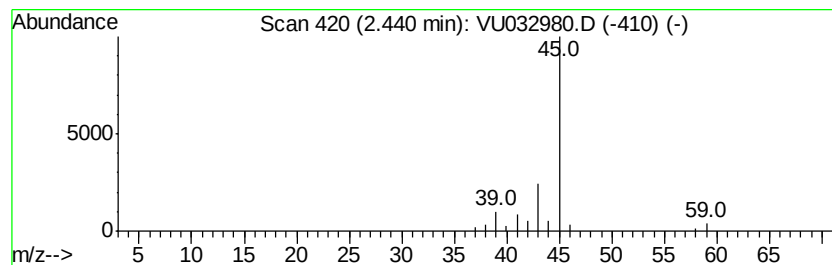
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.63 ug/L	34879	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Ethylamine	45	C2H7N	000075-04-7	5
5			2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	4



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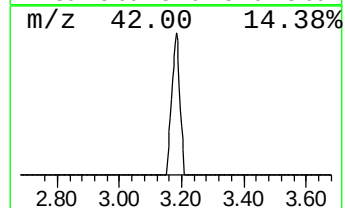
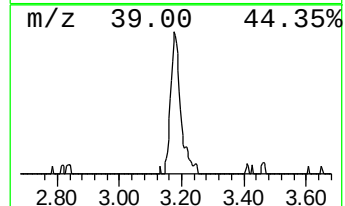
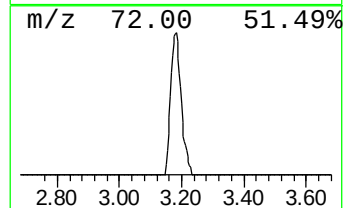
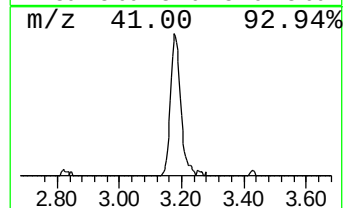
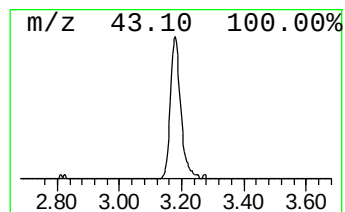
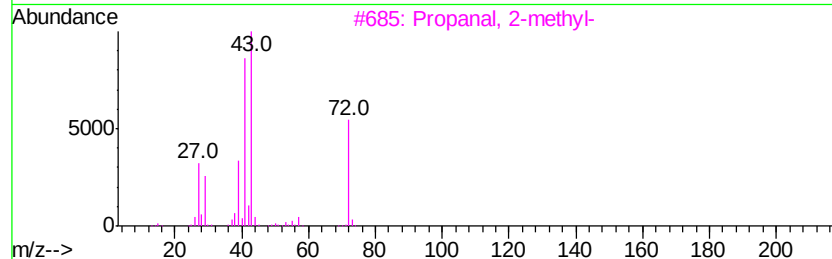
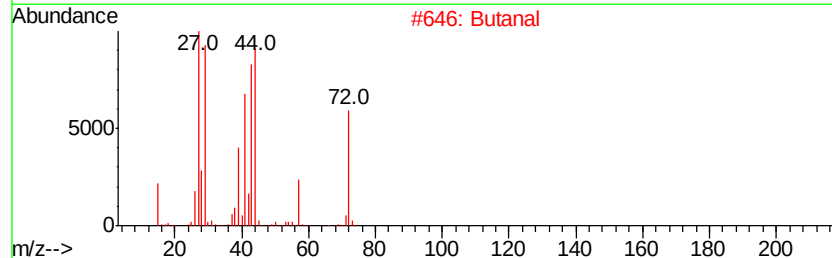
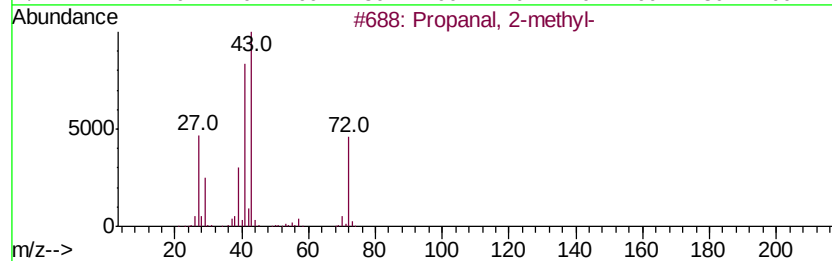
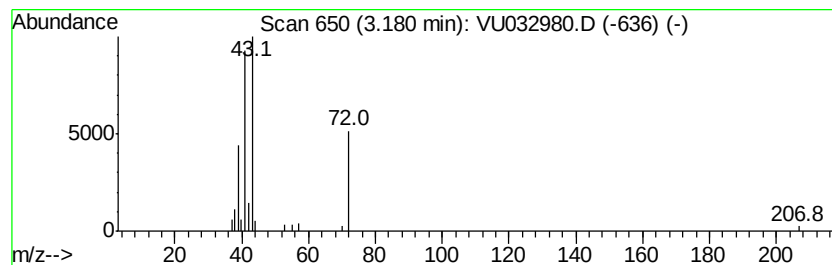
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Propanal, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	3.17 ug/L	30516	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
2		Butanal	72	C4H8O	000123-72-8	72
3		Propanal, 2-methyl-	72	C4H8O	000078-84-2	58
4		Propanal, 2-methyl-	72	C4H8O	000078-84-2	50
5		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	33



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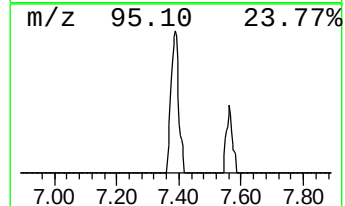
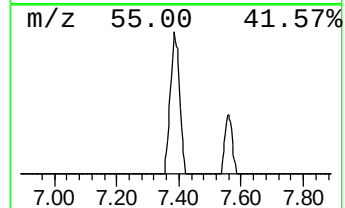
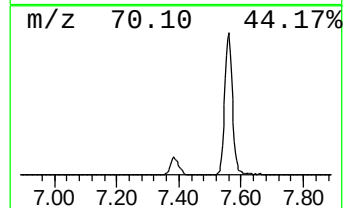
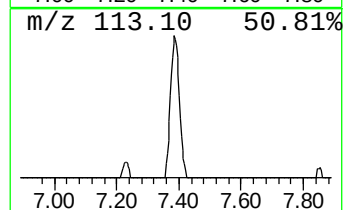
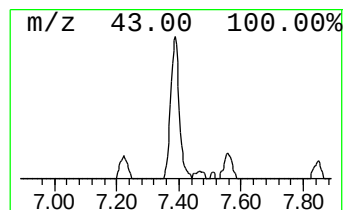
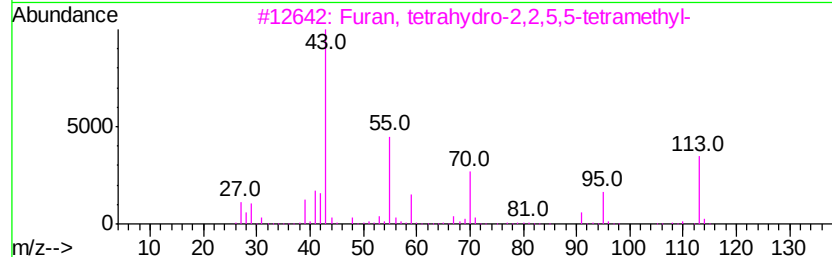
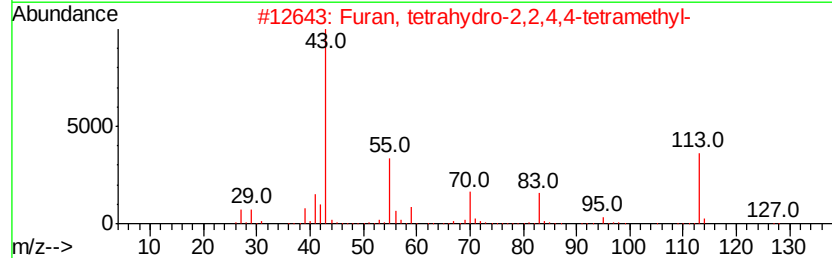
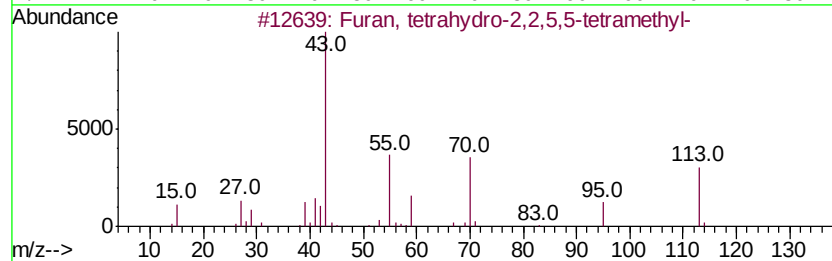
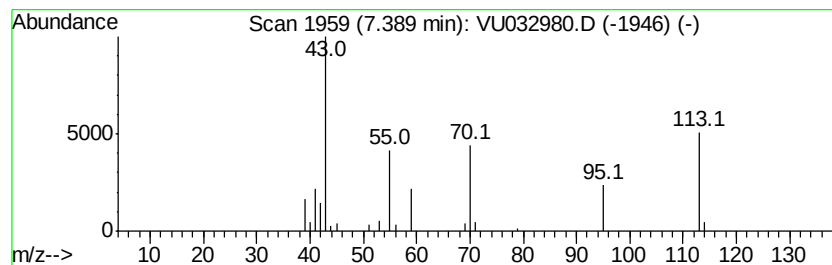
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Quant Title : VOC Analysis

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

Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.60 ug/L	25006	1,4-Difluorobenzene	5.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83	
2	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	59	
3	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	56	
4	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	47	
5	Ethosuximide	141	C7H11NO2	000077-67-8	47	



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Sample : K3464-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF56

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.44	3.6	ug/L	34879	1	5.88	480979	50.0
Propanal, 2-methyl-	3.18	3.2	ug/L	30516	1	5.88	480979	50.0
Furan, tetrahydro...	7.39	2.6	ug/L	25006	1	5.88	480979	50.0