

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032979.D
 Acq On : 22 Jun 2019 05:26
 Operator : JC/SP
 Sample : K3478-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF11

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	87	95	110	rBV	87345	90421	12.41%	1.500%
2	1.675	174	182	196	rVB	72902	90778	12.46%	1.506%
3	2.264	355	365	377	rBV	153874	227264	31.18%	3.769%
4	2.440	409	420	436	rBV	39413	71661	9.83%	1.189%
5	2.543	448	452	457	rBV4	581	709	0.10%	0.012%
6	2.736	510	512	517	rVV2	259	243	0.03%	0.004%
7	2.788	523	528	531	rBV2	349	366	0.05%	0.006%
8	2.829	532	541	550	rVV4	2044	4123	0.57%	0.068%
9	2.884	555	558	561	rVB3	331	236	0.03%	0.004%
10	2.965	579	583	588	rBV3	293	326	0.04%	0.005%
11	3.026	597	602	604	rVB3	295	248	0.03%	0.004%
12	3.051	604	610	612	rBV2	453	350	0.05%	0.006%
13	3.180	637	650	672	rVV3	13480	29992	4.12%	0.497%
14	3.463	731	738	740	rBV2	395	431	0.06%	0.007%
15	3.518	751	755	758	rBV2	304	242	0.03%	0.004%
16	3.537	758	761	767	rVB3	354	393	0.05%	0.007%
17	3.691	803	809	813	rVB3	281	288	0.04%	0.005%
18	3.817	844	848	854	rBV2	352	268	0.04%	0.004%
19	3.868	858	864	866	rBV	318	263	0.04%	0.004%
20	3.903	873	875	882	rVB2	283	243	0.03%	0.004%
21	4.109	930	939	943	rBV4	461	683	0.09%	0.011%
22	4.170	945	958	991	rBV	76339	198914	27.29%	3.299%
23	4.382	1021	1024	1028	rBV2	364	279	0.04%	0.005%
24	4.553	1074	1077	1079	rBV	417	272	0.04%	0.005%
25	4.572	1079	1083	1088	rVB3	217	248	0.03%	0.004%
26	4.640	1088	1104	1123	rBV	127017	298212	40.92%	4.946%
27	4.874	1174	1177	1183	rVB4	333	346	0.05%	0.006%
28	4.942	1194	1198	1203	rVV3	295	344	0.05%	0.006%
29	5.000	1214	1216	1220	rVB2	383	266	0.04%	0.004%
30	5.202	1276	1279	1283	rVB3	316	250	0.03%	0.004%
31	5.225	1283	1286	1289	rBV2	438	358	0.05%	0.006%
32	5.331	1294	1319	1343	rBV2	243130	728825	100.00%	12.088%
33	5.447	1352	1355	1358	rVB5	370	243	0.03%	0.004%
34	5.569	1390	1393	1397	rVB2	304	240	0.03%	0.004%

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Integrator: RTE
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 Title : VOC Analysis

35	5.652	1414	1419	1423	rVV3	275	259	0.04%	0.004%
36	5.762	1450	1453	1455	rBV2	563	390	0.05%	0.006%
37	5.788	1456	1461	1473	rVB3	2024	3417	0.47%	0.057%
38	5.881	1476	1490	1517	rBV	239851	474252	65.07%	7.866%
39	6.019	1530	1533	1539	rVB3	374	236	0.03%	0.004%
40	6.093	1553	1556	1560	rVV2	368	286	0.04%	0.005%
41	6.170	1572	1580	1591	rVB5	3037	5878	0.81%	0.097%
42	6.225	1591	1597	1601	rBV2	410	494	0.07%	0.008%
43	6.251	1601	1605	1609	rVB2	603	573	0.08%	0.010%
44	6.324	1611	1628	1654	rBV	170654	343540	47.14%	5.698%
45	6.418	1654	1657	1658	rBV2	541	308	0.04%	0.005%
46	6.450	1664	1667	1673	rVB3	705	513	0.07%	0.009%
47	6.492	1678	1680	1683	rVB2	418	241	0.03%	0.004%
48	6.521	1683	1689	1690	rBV2	224	215	0.03%	0.004%
49	6.556	1695	1700	1703	rBV3	396	347	0.05%	0.006%
50	6.572	1703	1705	1711	rVB2	276	220	0.03%	0.004%
51	6.678	1734	1738	1745	rVB3	397	326	0.04%	0.005%
52	6.820	1769	1782	1791	rBV5	2760	5006	0.69%	0.083%
53	6.987	1829	1834	1837	rBV	382	305	0.04%	0.005%
54	7.106	1867	1871	1874	rVB2	572	392	0.05%	0.007%
55	7.135	1874	1880	1883	rBV3	338	400	0.05%	0.007%
56	7.222	1896	1907	1930	rBV	90248	161769	22.20%	2.683%
57	7.386	1947	1958	1973	rBV2	16720	31417	4.31%	0.521%
58	7.463	1975	1982	1991	rVB6	1475	2709	0.37%	0.045%
59	7.559	1997	2012	2029	rBV	317140	554986	76.15%	9.205%
60	7.845	2089	2101	2121	rBV	63082	110699	15.19%	1.836%
61	8.051	2162	2165	2169	rVB2	463	302	0.04%	0.005%
62	8.077	2169	2173	2175	rBV	286	234	0.03%	0.004%
63	8.099	2178	2180	2188	rVB3	262	294	0.04%	0.005%
64	8.173	2195	2203	2212	rVV2	1592	2164	0.30%	0.036%
65	8.305	2231	2244	2276	rBV	219265	403382	55.35%	6.690%
66	8.463	2285	2293	2309	rVV4	4114	7876	1.08%	0.131%
67	8.527	2309	2313	2326	rVV2	1554	2545	0.35%	0.042%
68	8.668	2353	2357	2360	rBV2	302	207	0.03%	0.003%
69	8.910	2427	2432	2434	rBV2	329	286	0.04%	0.005%
70	8.929	2434	2438	2441	rVB	291	280	0.04%	0.005%
71	9.083	2474	2486	2523	rBV	369768	611809	83.94%	10.147%

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72	9.250	2535	2538	2543	rVB3	532	440	0.06%	0.007%
73	9.363	2560	2573	2581	rBV4	5182	9245	1.27%	0.153%
74	9.437	2592	2596	2597	rBV	316	249	0.03%	0.004%
75	9.585	2637	2642	2643	rBV	289	223	0.03%	0.004%
76	9.652	2659	2663	2667	rBV2	293	284	0.04%	0.005%
77	9.678	2667	2671	2677	rVB3	362	383	0.05%	0.006%
78	10.000	2766	2771	2774	rBV2	230	209	0.03%	0.003%
79	10.057	2786	2789	2793	rVB2	416	303	0.04%	0.005%
80	10.083	2793	2797	2798	rBV	332	232	0.03%	0.004%
81	10.157	2815	2820	2823	rBV4	387	308	0.04%	0.005%
82	10.196	2829	2832	2835	rVB2	457	261	0.04%	0.004%
83	10.427	2888	2904	2928	rBV	251507	403440	55.35%	6.691%
84	10.604	2953	2959	2971	rVB3	1710	2919	0.40%	0.048%
85	10.668	2971	2979	2983	rBV	351	457	0.06%	0.008%
86	11.247	3156	3159	3163	rBV2	434	351	0.05%	0.006%
87	11.414	3207	3211	3214	rBV2	347	255	0.03%	0.004%
88	11.479	3219	3231	3256	rBV	360478	582339	79.90%	9.658%
89	11.736	3307	3311	3314	rBV2	315	251	0.03%	0.004%
90	11.855	3335	3348	3373	rBV	326126	547288	75.09%	9.077%
91	12.173	3444	3447	3449	rBV3	336	233	0.03%	0.004%
92	12.199	3453	3455	3462	rVB3	456	391	0.05%	0.006%
93	12.990	3699	3701	3709	rVB3	391	301	0.04%	0.005%
94	13.180	3757	3760	3765	rVB2	376	266	0.04%	0.004%
95	13.334	3805	3808	3813	rBV3	284	277	0.04%	0.005%
96	13.575	3881	3883	3888	rVB2	405	285	0.04%	0.005%
97	13.614	3891	3895	3898	rBV4	443	419	0.06%	0.007%
98	13.935	3993	3995	3999	rVB2	397	228	0.03%	0.004%
99	14.054	4030	4032	4038	rVB3	353	294	0.04%	0.005%
100	14.729	4239	4242	4244	rBV	645	345	0.05%	0.006%

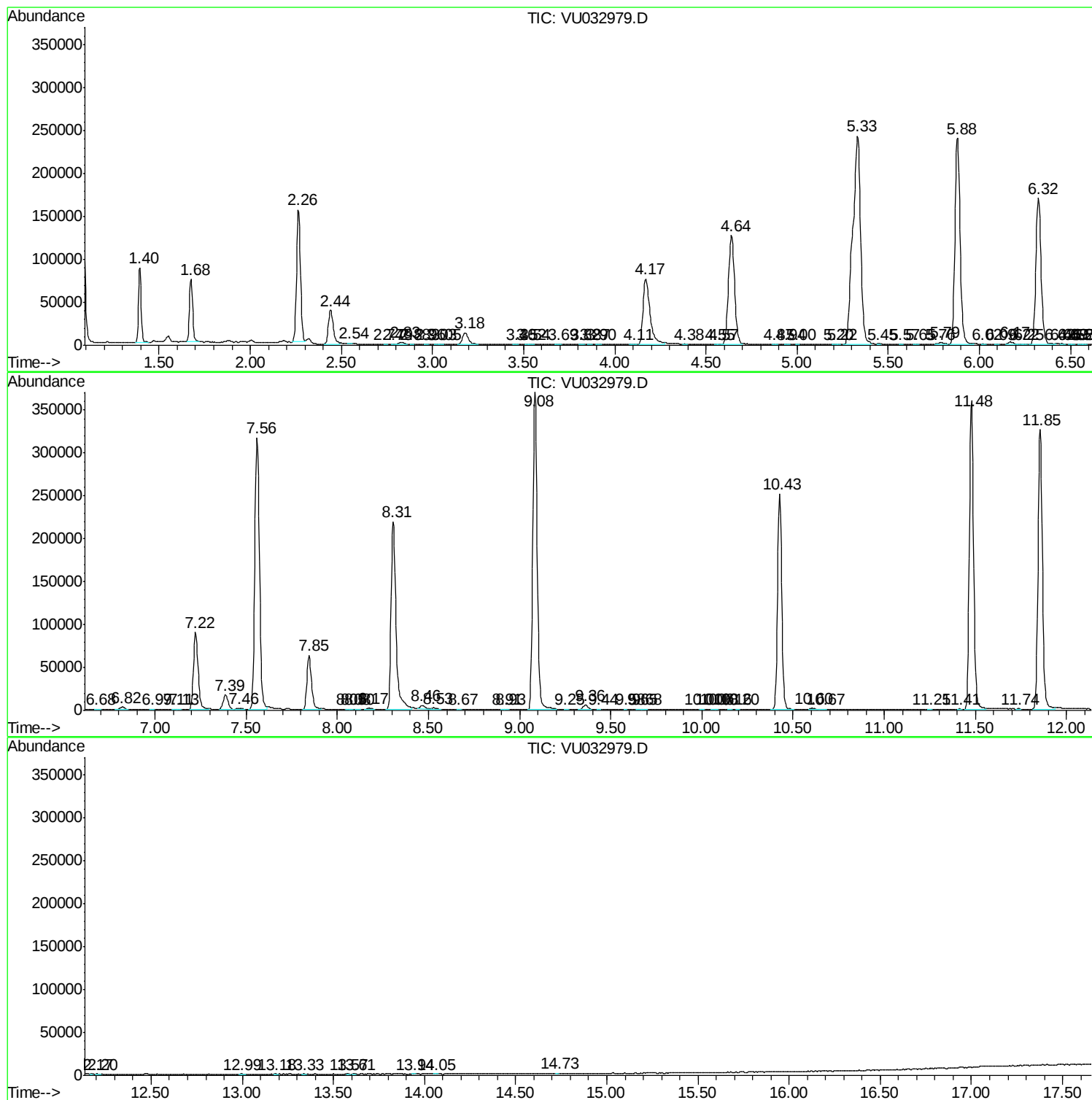
Sum of corrected areas: 6029358

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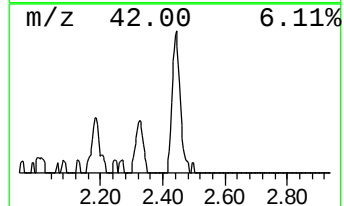
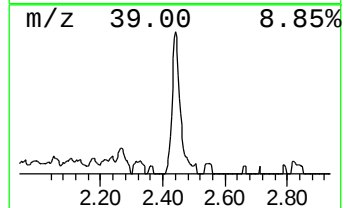
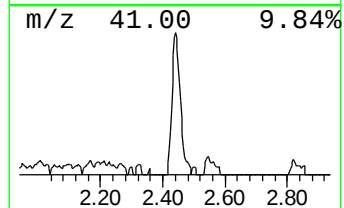
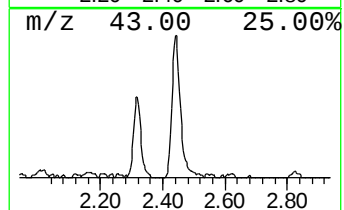
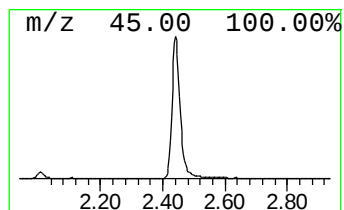
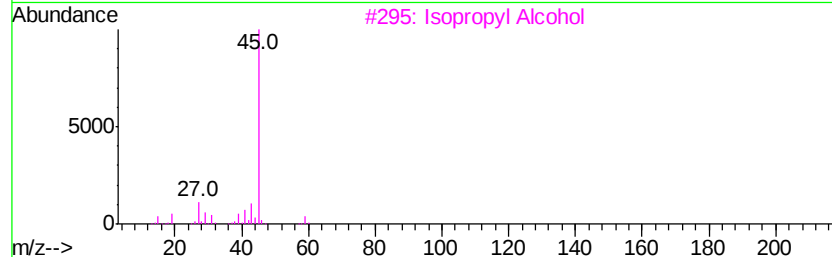
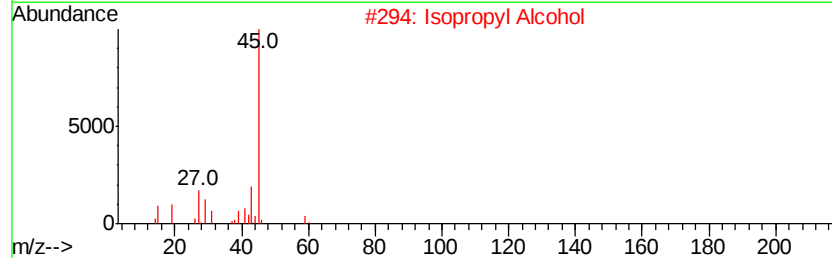
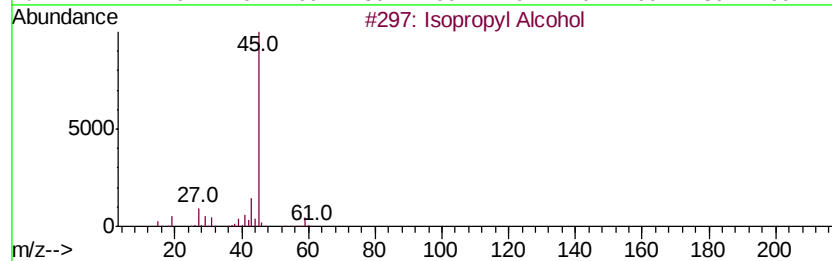
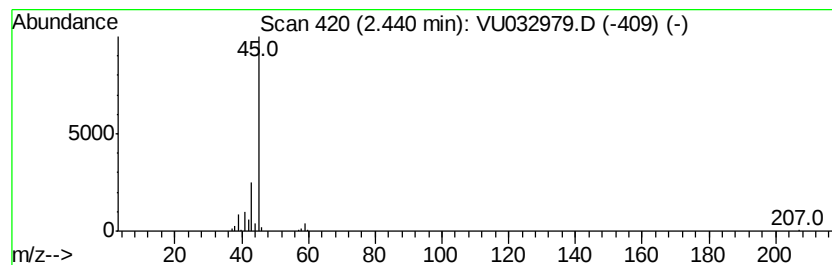
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	7.56 ug/L	71661	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40



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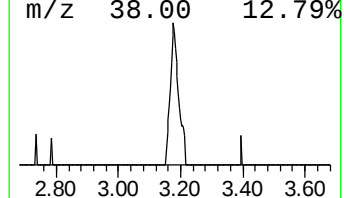
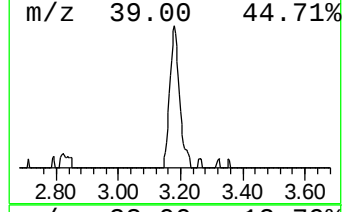
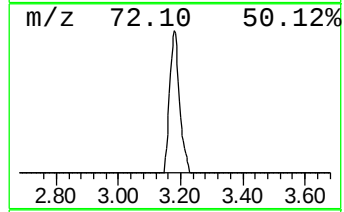
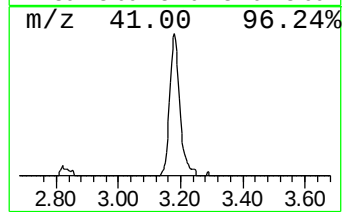
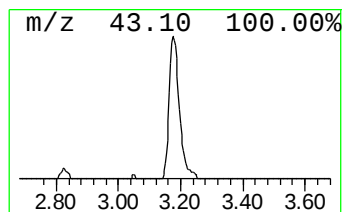
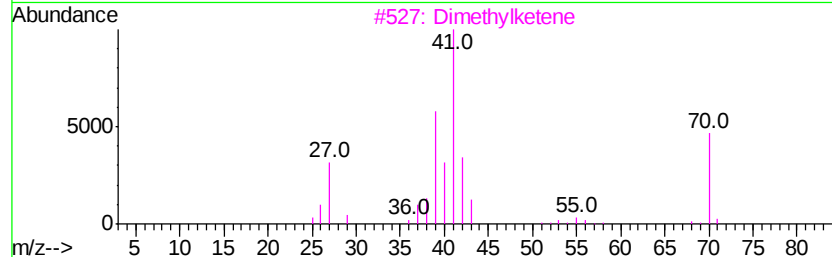
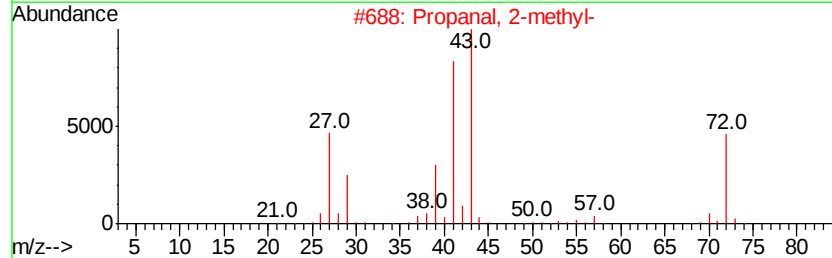
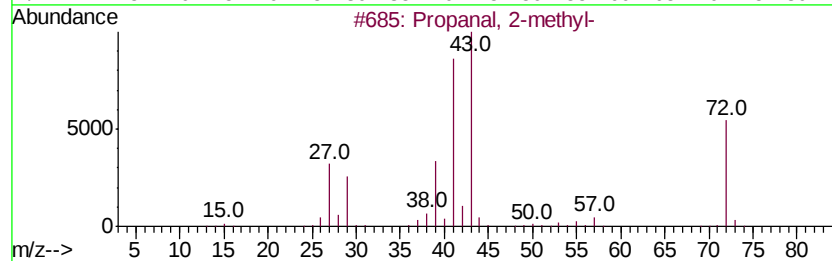
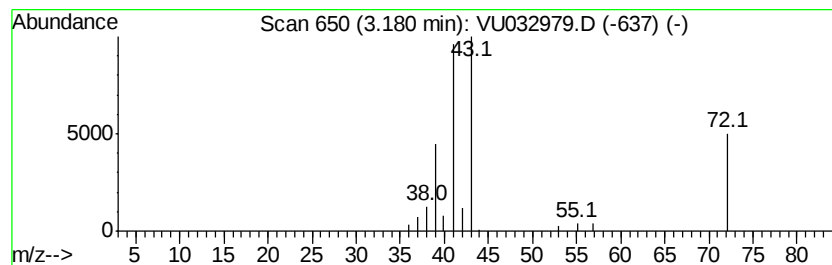
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Propanal, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	3.16 ug/L	29992	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	53
2		Propanal, 2-methyl-	72	C4H8O	000078-84-2	53
3		Dimethylketene	70	C4H6O	000598-26-5	23
4		Butanal	72	C4H8O	000123-72-8	9
5		Propanal, 2-methyl-	72	C4H8O	000078-84-2	9



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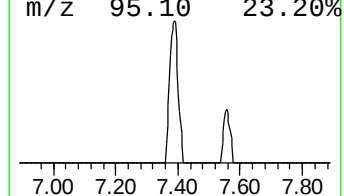
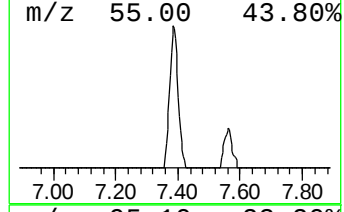
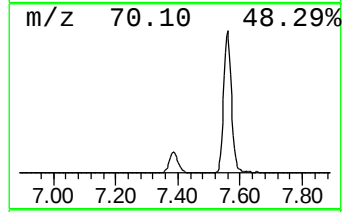
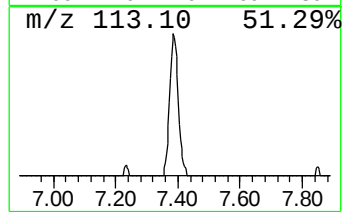
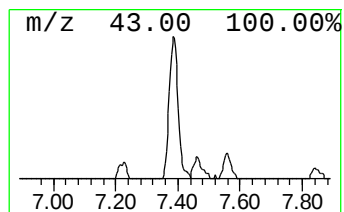
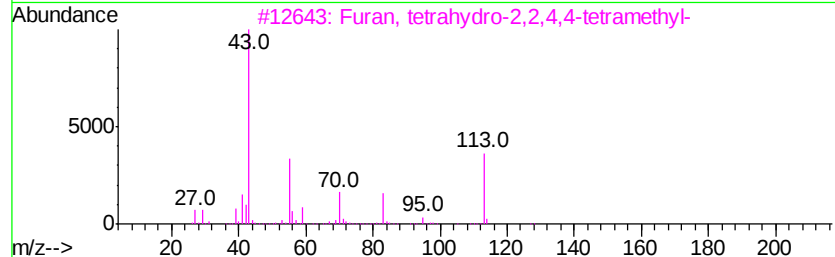
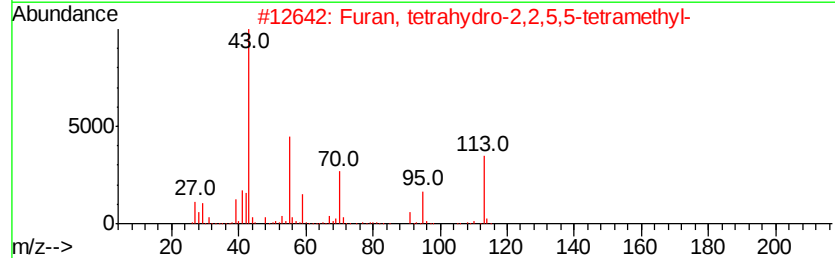
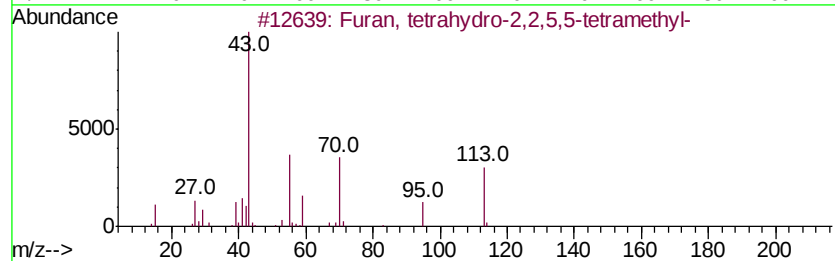
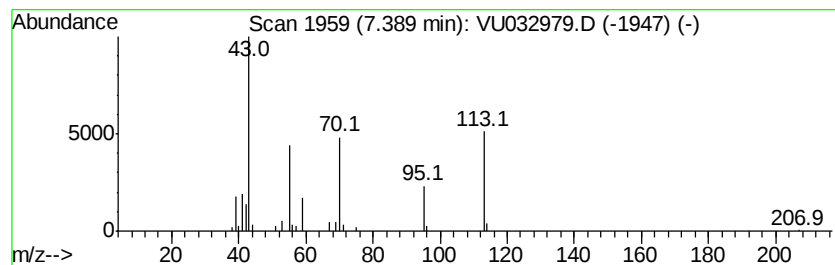
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Quant Title : VOC Analysis

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

Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	3.31 ug/L	31417	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83
2		Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	72
3		Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	59
4		4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	52
5		4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
Data File : VU032979.D
Acq On : 22 Jun 2019 05:26
Operator : JC/SP
Sample : K3478-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF11

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
Isopropyl Alcohol	2.44	7.6	ug/L	71661	1	5.88	474252	50.0
Propanal, 2-methyl-	3.18	3.2	ug/L	29992	1	5.88	474252	50.0
Furan, tetrahydro...	7.39	3.3	ug/L	31417	1	5.88	474252	50.0