

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032998.D
 Acq On : 24 Jun 2019 11:41
 Operator : JC/SP
 Sample : K3478-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF25

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	1.399	88	96	105	rBV2	163008	180444	8.78%	2.306%
2	1.675	175	182	195	rVB	61778	75446	3.67%	0.964%
3	2.267	355	366	378	rVB	122288	185182	9.01%	2.367%
4	2.441	410	420	439	rBV	37292	67146	3.27%	0.858%
5	2.592	465	467	473	rVB3	421	324	0.02%	0.004%
6	2.617	473	475	479	rVV3	539	352	0.02%	0.004%
7	2.640	480	482	485	rVV	379	197	0.01%	0.003%
8	2.656	485	487	491	rVV2	277	235	0.01%	0.003%
9	2.740	509	513	518	rBV2	332	285	0.01%	0.004%
10	2.826	531	540	552	rVB5	1659	3128	0.15%	0.040%
11	2.981	576	588	601	rVB6	2097	4322	0.21%	0.055%
12	3.032	601	604	607	rBV2	252	192	0.01%	0.002%
13	3.097	622	624	628	rVB	304	221	0.01%	0.003%
14	3.180	638	650	672	rBV3	10138	24115	1.17%	0.308%
15	3.389	709	715	718	rBV2	355	372	0.02%	0.005%
16	3.431	724	728	729	rBV2	517	365	0.02%	0.005%
17	3.476	739	742	746	rBV	523	338	0.02%	0.004%
18	3.556	764	767	768	rBV2	368	224	0.01%	0.003%
19	3.598	776	780	781	rBV	631	403	0.02%	0.005%
20	3.627	787	789	799	rVB2	572	591	0.03%	0.008%
21	3.701	807	812	817	rVB2	398	358	0.02%	0.005%
22	3.733	817	822	827	rBV	501	419	0.02%	0.005%
23	3.759	827	830	833	rVB2	274	183	0.01%	0.002%
24	3.788	834	839	848	rVB3	376	471	0.02%	0.006%
25	3.830	848	852	855	rVB	283	189	0.01%	0.002%
26	3.942	883	887	891	rVB	226	196	0.01%	0.003%
27	4.035	911	916	918	rBV2	257	182	0.01%	0.002%
28	4.103	932	937	939	rBV2	422	319	0.02%	0.004%
29	4.215	946	972	1008	rBV2	765291	2054393	100.00%	26.255%
30	4.412	1031	1033	1037	rVB3	398	219	0.01%	0.003%
31	4.550	1073	1076	1080	rBV4	338	280	0.01%	0.004%
32	4.640	1087	1104	1130	rBV	118832	279808	13.62%	3.576%
33	4.772	1142	1145	1146	rBV2	409	267	0.01%	0.003%
34	4.823	1158	1161	1164	rVB2	276	195	0.01%	0.002%

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 Title : VOC Analysis

35	4.958	1199	1203	1206	rVV3	263	235	0.01%	0.003%
36	4.977	1206	1209	1212	rVV3	497	354	0.02%	0.005%
37	5.010	1217	1219	1224	rVB	267	190	0.01%	0.002%
38	5.071	1234	1238	1242	rBV2	335	244	0.01%	0.003%
39	5.151	1261	1263	1266	rBV2	447	228	0.01%	0.003%
40	5.186	1268	1274	1276	rBV2	287	276	0.01%	0.004%
41	5.331	1294	1319	1348	rBV2	224114	677757	32.99%	8.662%
42	5.431	1348	1350	1352	rVV2	491	248	0.01%	0.003%
43	5.595	1397	1401	1403	rBV2	345	284	0.01%	0.004%
44	5.637	1408	1414	1418	rBV3	308	319	0.02%	0.004%
45	5.675	1418	1426	1429	rVB5	454	654	0.03%	0.008%
46	5.723	1437	1441	1444	rBV2	344	362	0.02%	0.005%
47	5.768	1451	1455	1456	rBV2	484	311	0.02%	0.004%
48	5.785	1456	1460	1461	rBV3	1081	766	0.04%	0.010%
49	5.881	1475	1490	1513	rBV	256861	503011	24.48%	6.429%
50	6.084	1549	1553	1556	rBV2	253	213	0.01%	0.003%
51	6.138	1566	1570	1574	rBV3	295	291	0.01%	0.004%
52	6.177	1574	1582	1595	rVB7	2313	4374	0.21%	0.056%
53	6.251	1600	1605	1610	rBV4	328	451	0.02%	0.006%
54	6.325	1614	1628	1650	rBV	159583	321027	15.63%	4.103%
55	6.476	1673	1675	1681	rVB2	341	240	0.01%	0.003%
56	6.527	1689	1691	1698	rVB2	210	215	0.01%	0.003%
57	6.736	1754	1756	1763	rVB2	289	310	0.02%	0.004%
58	6.823	1771	1783	1793	rVV5	2428	4617	0.22%	0.059%
59	6.862	1793	1795	1803	rVV4	564	534	0.03%	0.007%
60	7.000	1832	1838	1841	rBV3	330	393	0.02%	0.005%
61	7.080	1859	1863	1865	rBV	241	210	0.01%	0.003%
62	7.222	1895	1907	1929	rBV	91011	164551	8.01%	2.103%
63	7.299	1929	1931	1940	rVV4	718	956	0.05%	0.012%
64	7.386	1946	1958	1969	rVV3	13919	25797	1.26%	0.330%
65	7.424	1969	1970	1974	rVB2	445	215	0.01%	0.003%
66	7.476	1981	1986	1989	rBV3	234	271	0.01%	0.003%
67	7.559	1995	2012	2031	rBV	287063	499031	24.29%	6.378%
68	7.846	2089	2101	2130	rBV	63395	113493	5.52%	1.450%
69	7.948	2130	2133	2136	rBV2	390	249	0.01%	0.003%
70	8.100	2174	2180	2181	rBV2	240	180	0.01%	0.002%
71	8.173	2195	2203	2212	rVB4	1814	2889	0.14%	0.037%

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72	8.305	2231	2244	2280	rBV	228282	419136	20.40%	5.357%
73	8.604	2334	2337	2342	rVB4	269	211	0.01%	0.003%
74	9.083	2474	2486	2517	rBV	380281	637515	31.03%	8.147%
75	9.267	2540	2543	2547	rVB2	349	295	0.01%	0.004%
76	9.292	2547	2551	2553	rBV2	375	268	0.01%	0.003%
77	9.360	2564	2572	2580	rBV4	4758	7702	0.37%	0.098%
78	9.501	2607	2616	2620	rBV3	218	392	0.02%	0.005%
79	9.524	2620	2623	2627	rVB3	350	334	0.02%	0.004%
80	9.665	2664	2667	2672	rVB2	273	264	0.01%	0.003%
81	9.791	2702	2706	2708	rBV2	333	218	0.01%	0.003%
82	9.977	2760	2764	2767	rBV2	229	228	0.01%	0.003%
83	10.116	2804	2807	2810	rBV	356	314	0.02%	0.004%
84	10.183	2822	2828	2831	rBV3	350	370	0.02%	0.005%
85	10.212	2831	2837	2840	rBV3	231	244	0.01%	0.003%
86	10.424	2890	2903	2922	rBV	255513	411704	20.04%	5.262%
87	10.601	2950	2958	2967	rBV5	2252	3741	0.18%	0.048%
88	10.704	2982	2990	2992	rBV3	414	468	0.02%	0.006%
89	10.903	3049	3052	3054	rBV2	365	238	0.01%	0.003%
90	11.064	3098	3102	3106	rVB4	401	298	0.01%	0.004%
91	11.099	3109	3113	3118	rBV	311	371	0.02%	0.005%
92	11.167	3132	3134	3138	rBV2	290	245	0.01%	0.003%
93	11.344	3185	3189	3194	rBV3	253	251	0.01%	0.003%
94	11.479	3218	3231	3255	rBV	379327	610056	29.70%	7.797%
95	11.787	3324	3327	3330	rBV3	402	326	0.02%	0.004%
96	11.855	3336	3348	3368	rBV	316143	521369	25.38%	6.663%
97	12.193	3450	3453	3456	rBV2	326	250	0.01%	0.003%
98	12.279	3477	3480	3481	rBV	263	179	0.01%	0.002%
99	12.424	3522	3525	3530	rVB2	352	228	0.01%	0.003%
100	12.652	3591	3596	3599	rBV	361	378	0.02%	0.005%

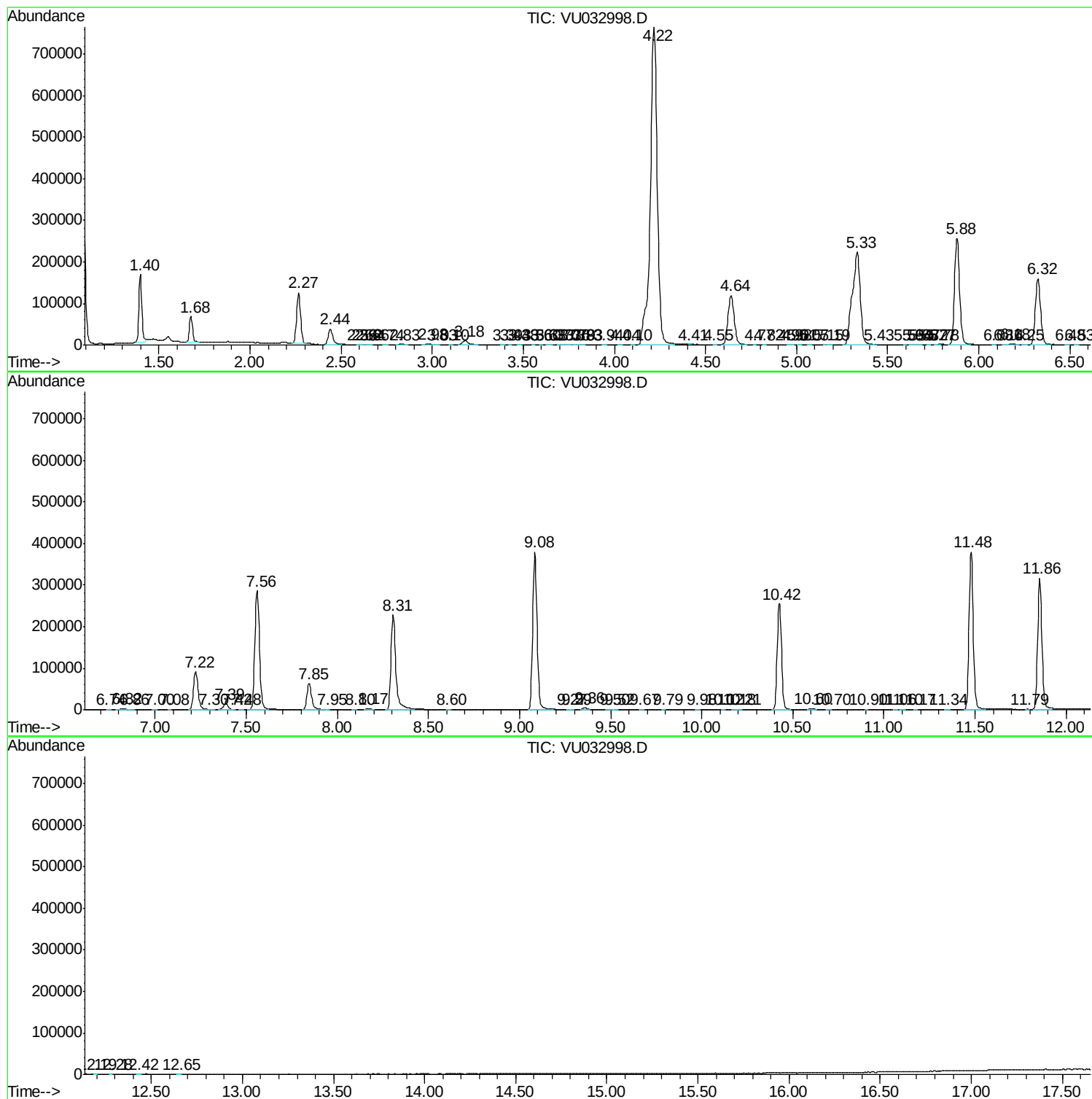
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



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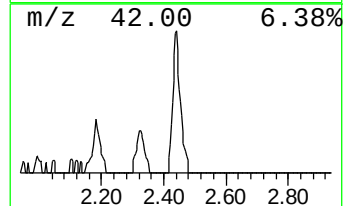
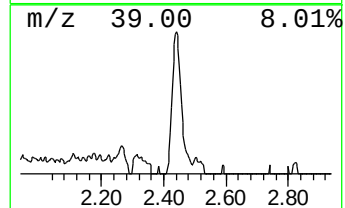
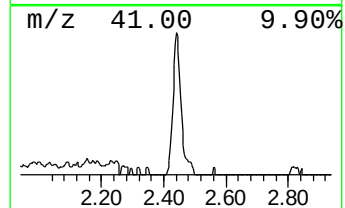
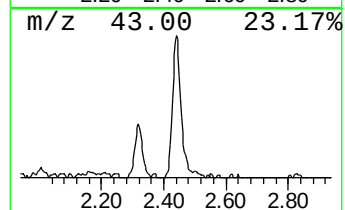
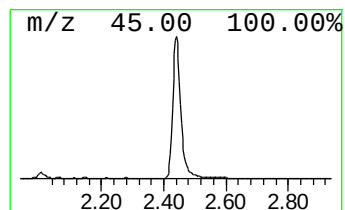
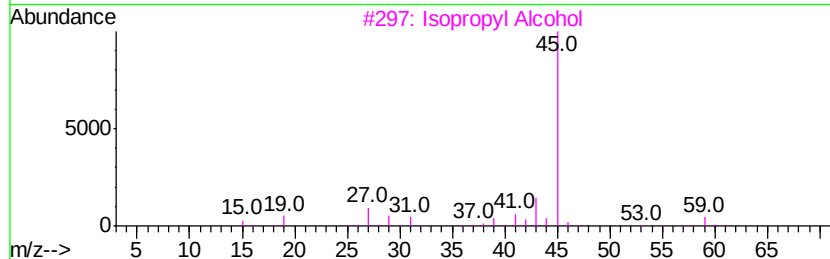
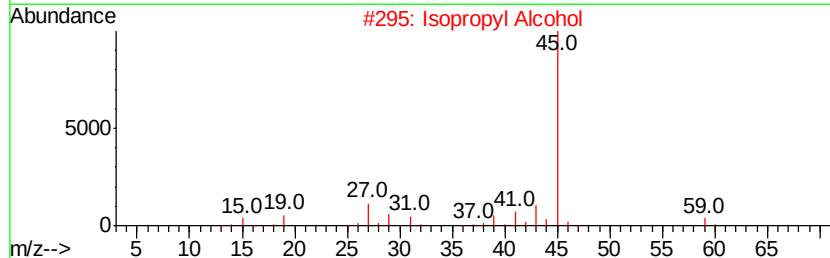
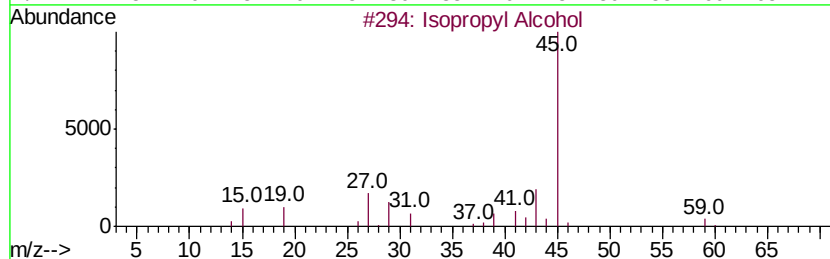
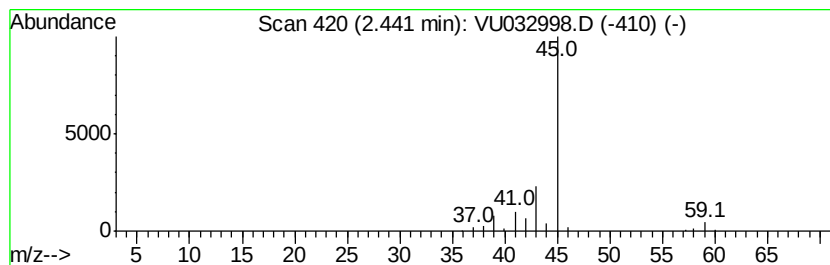
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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	6.67 ug/L	67146	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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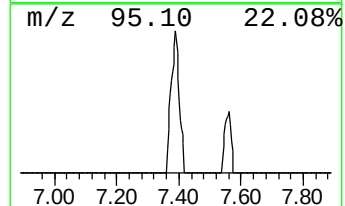
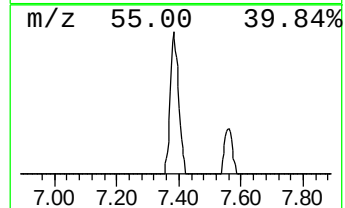
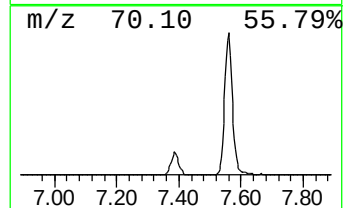
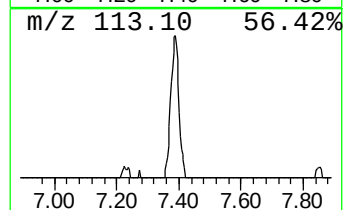
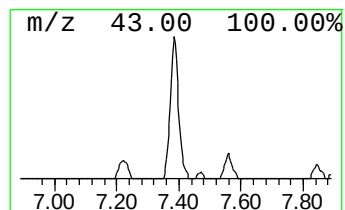
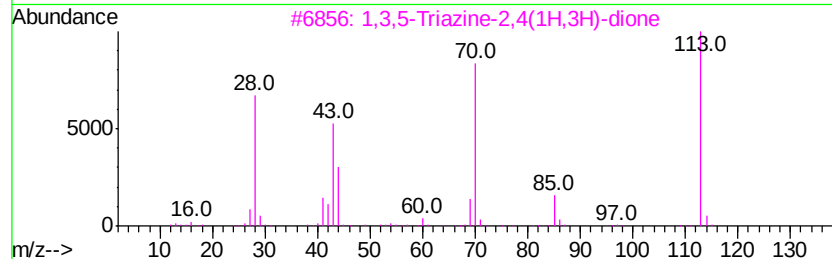
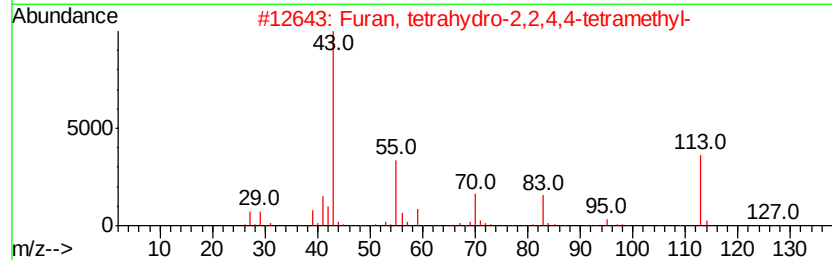
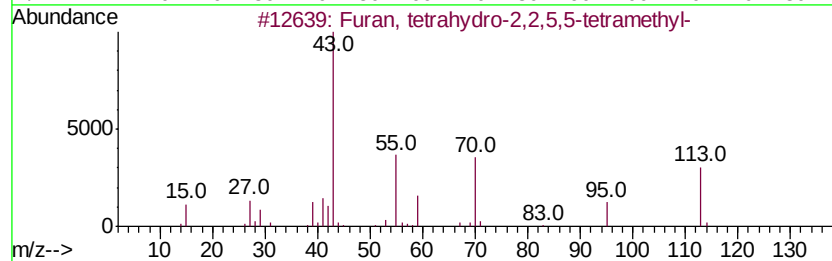
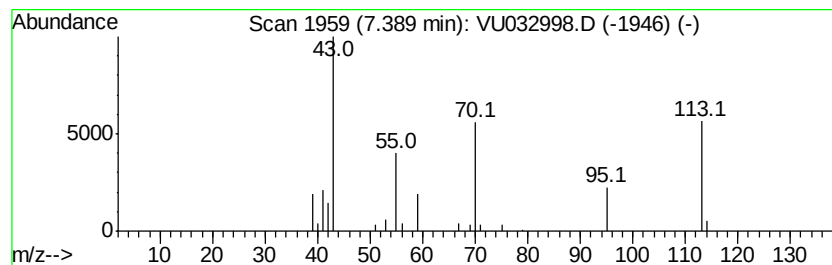
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.39	2.56 ug/L	25797	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	64	
3	1,3,5-Triazine-2,4(1H,3H)-dione	113	C3H3N3O2	000071-33-0	53	
4	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	53	
5	Ethosuximide	141	C7H11NO2	000077-67-8	47	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.44	6.7	ug/L	67146	1	5.88	503011	50.0
Furan, tetrahydro...	7.39	2.6	ug/L	25797	1	5.88	503011	50.0