

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014186.D
 Acq On : 29 Nov 2019 17:18
 Operator : SY/VA
 Sample : K6089-18
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BR4

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_W\METHOD\SOM2WLM111119S.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	2.062	25	26	29	rBV	896	884	0.08%	0.012%
2	2.154	37	41	48	rBV2	17134	32959	2.97%	0.450%
3	2.349	67	73	80	rBV	59059	105698	9.51%	1.443%
4	2.885	154	161	173	rBV	47427	122060	10.99%	1.666%
5	3.263	221	223	225	rVB	528	316	0.03%	0.004%
6	3.318	229	232	237	rBV3	395	400	0.04%	0.005%
7	3.483	254	259	261	rBV5	576	980	0.09%	0.013%
8	3.519	263	265	273	rVB3	953	1788	0.16%	0.024%
9	3.769	304	306	309	rVV	199	205	0.02%	0.003%
10	3.916	328	330	333	rVB2	297	315	0.03%	0.004%
11	4.013	335	346	362	rBV2	100325	324443	29.20%	4.428%
12	4.385	404	407	409	rBV3	398	681	0.06%	0.009%
13	4.507	425	427	430	rVB	245	210	0.02%	0.003%
14	4.592	439	441	444	rVB2	311	383	0.03%	0.005%
15	4.635	444	448	450	rBV2	493	523	0.05%	0.007%
16	4.787	471	473	475	rBV2	286	266	0.02%	0.004%
17	4.909	484	493	494	rBV3	9858	18868	1.70%	0.258%
18	5.037	512	514	517	rVB	311	232	0.02%	0.003%
19	5.074	519	520	523	rVB	415	231	0.02%	0.003%
20	5.111	523	526	528	rBV2	358	324	0.03%	0.004%
21	5.196	535	540	542	rBV2	542	773	0.07%	0.011%
22	5.294	553	556	557	rBV	196	206	0.02%	0.003%
23	5.348	561	565	567	rBV2	364	476	0.04%	0.006%
24	5.507	589	591	592	rVV2	273	240	0.02%	0.003%
25	5.543	595	597	601	rVV	211	282	0.03%	0.004%
26	5.574	601	602	607	rVB2	229	229	0.02%	0.003%
27	5.659	614	616	618	rVB2	290	234	0.02%	0.003%
28	5.928	655	660	663	rBV4	1549	3073	0.28%	0.042%
29	6.013	673	674	676	rVB	323	221	0.02%	0.003%
30	6.037	676	678	679	rBV	295	288	0.03%	0.004%
31	6.184	701	702	706	rVB2	329	218	0.02%	0.003%
32	6.275	713	717	719	rVB2	237	297	0.03%	0.004%
33	6.586	767	768	772	rBV2	258	286	0.03%	0.004%
34	6.812	803	805	811	rVB2	337	431	0.04%	0.006%

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 Title : VOC Analysis

35	6.854	811	812	815	rBV2	266	243	0.02%	0.003%
36	6.927	822	824	828	rVB2	263	318	0.03%	0.004%
37	7.074	839	848	858	rBV	42005	126035	11.34%	1.720%
38	7.415	900	904	905	rBV	390	303	0.03%	0.004%
39	7.433	905	907	910	rBV3	409	484	0.04%	0.007%
40	7.531	915	923	932	rVV2	11302	30614	2.76%	0.418%
41	7.641	932	941	957	rVV	193906	480548	43.26%	6.559%
42	7.763	959	961	966	rVB2	460	545	0.05%	0.007%
43	7.817	966	970	976	rVB2	362	742	0.07%	0.010%
44	8.019	1000	1003	1004	rBV2	257	208	0.02%	0.003%
45	8.092	1014	1015	1018	rBV	366	339	0.03%	0.005%
46	8.147	1022	1024	1026	rBV	279	292	0.03%	0.004%
47	8.275	1034	1045	1059	rBV2	370244	1110946	100.00%	15.164%
48	8.433	1069	1071	1074	rVB	573	481	0.04%	0.007%
49	8.464	1074	1076	1081	rBV2	499	760	0.07%	0.010%
50	8.586	1093	1096	1097	rVB	448	252	0.02%	0.003%
51	8.677	1109	1111	1113	rBV3	331	238	0.02%	0.003%
52	8.842	1129	1138	1153	rBV	293496	576430	51.89%	7.868%
53	9.073	1171	1176	1182	rVB4	2981	5849	0.53%	0.080%
54	9.122	1182	1184	1185	rVB	435	251	0.02%	0.003%
55	9.140	1185	1187	1190	rBV2	402	392	0.04%	0.005%
56	9.195	1193	1196	1200	rBV3	407	708	0.06%	0.010%
57	9.274	1200	1209	1217	rBV	266560	548003	49.33%	7.480%
58	9.390	1226	1228	1229	rBV	322	283	0.03%	0.004%
59	9.494	1242	1245	1246	rBV2	323	392	0.04%	0.005%
60	9.567	1255	1257	1259	rVB	324	256	0.02%	0.003%
61	9.665	1267	1273	1281	rBV4	2453	5127	0.46%	0.070%
62	9.726	1281	1283	1285	rVB	449	346	0.03%	0.005%
63	9.841	1300	1302	1304	rBV2	376	285	0.03%	0.004%
64	10.030	1326	1333	1344	rBV	119308	217372	19.57%	2.967%
65	10.244	1366	1368	1370	rBV2	407	406	0.04%	0.006%
66	10.323	1373	1381	1389	rBV	493118	862641	77.65%	11.774%
67	10.573	1416	1422	1436	rVB	76614	136043	12.25%	1.857%
68	10.701	1438	1443	1449	rVB	10589	17906	1.61%	0.244%
69	10.921	1473	1479	1494	rBV	156993	279788	25.18%	3.819%
70	11.628	1588	1595	1607	rVB	398034	666629	60.01%	9.099%
71	12.457	1729	1731	1732	rBV	482	291	0.03%	0.004%

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72	12.524	1740	1742	1744	rBV	503	467	0.04%	0.006%
73	12.603	1750	1755	1762	rVV	21411	36301	3.27%	0.495%
74	12.689	1762	1769	1778	rVB	230853	382024	34.39%	5.214%
75	12.841	1792	1794	1797	rBV3	325	258	0.02%	0.004%
76	12.896	1797	1803	1807	rBV5	2755	5029	0.45%	0.069%
77	12.963	1812	1814	1817	rVB	406	256	0.02%	0.003%
78	12.993	1817	1819	1820	rBV	355	262	0.02%	0.004%
79	13.036	1824	1826	1829	rBV2	520	477	0.04%	0.007%
80	13.134	1840	1842	1846	rVB4	433	609	0.05%	0.008%
81	13.188	1849	1851	1852	rBV	383	340	0.03%	0.005%
82	13.231	1856	1858	1859	rBV	665	581	0.05%	0.008%
83	13.335	1873	1875	1876	rVB	567	315	0.03%	0.004%
84	13.353	1876	1878	1880	rBV	382	300	0.03%	0.004%
85	13.402	1880	1886	1892	rVV5	1046	1914	0.17%	0.026%
86	13.493	1899	1901	1903	rBV	518	539	0.05%	0.007%
87	13.554	1904	1911	1919	rVV	330985	545722	49.12%	7.449%
88	13.646	1922	1926	1931	rVV5	4873	8184	0.74%	0.112%
89	13.694	1933	1934	1937	rBV3	587	486	0.04%	0.007%
90	13.853	1953	1960	1969	rBV	364553	605133	54.47%	8.260%
91	13.944	1974	1975	1977	rBV2	705	657	0.06%	0.009%
92	14.072	1988	1996	2003	rBV	14662	23927	2.15%	0.327%
93	14.207	2016	2018	2023	rVB3	588	836	0.08%	0.011%
94	14.328	2034	2038	2041	rBV3	2396	2876	0.26%	0.039%
95	14.566	2075	2077	2079	rBV2	497	344	0.03%	0.005%
96	14.706	2099	2100	2101	rBV	549	312	0.03%	0.004%
97	15.225	2183	2185	2186	rBV2	474	307	0.03%	0.004%
98	15.432	2217	2219	2225	rVB2	6032	8839	0.80%	0.121%
99	15.493	2226	2229	2239	rVB4	3548	6785	0.61%	0.093%
100	16.578	2406	2407	2408	rBV	1130	592	0.05%	0.008%

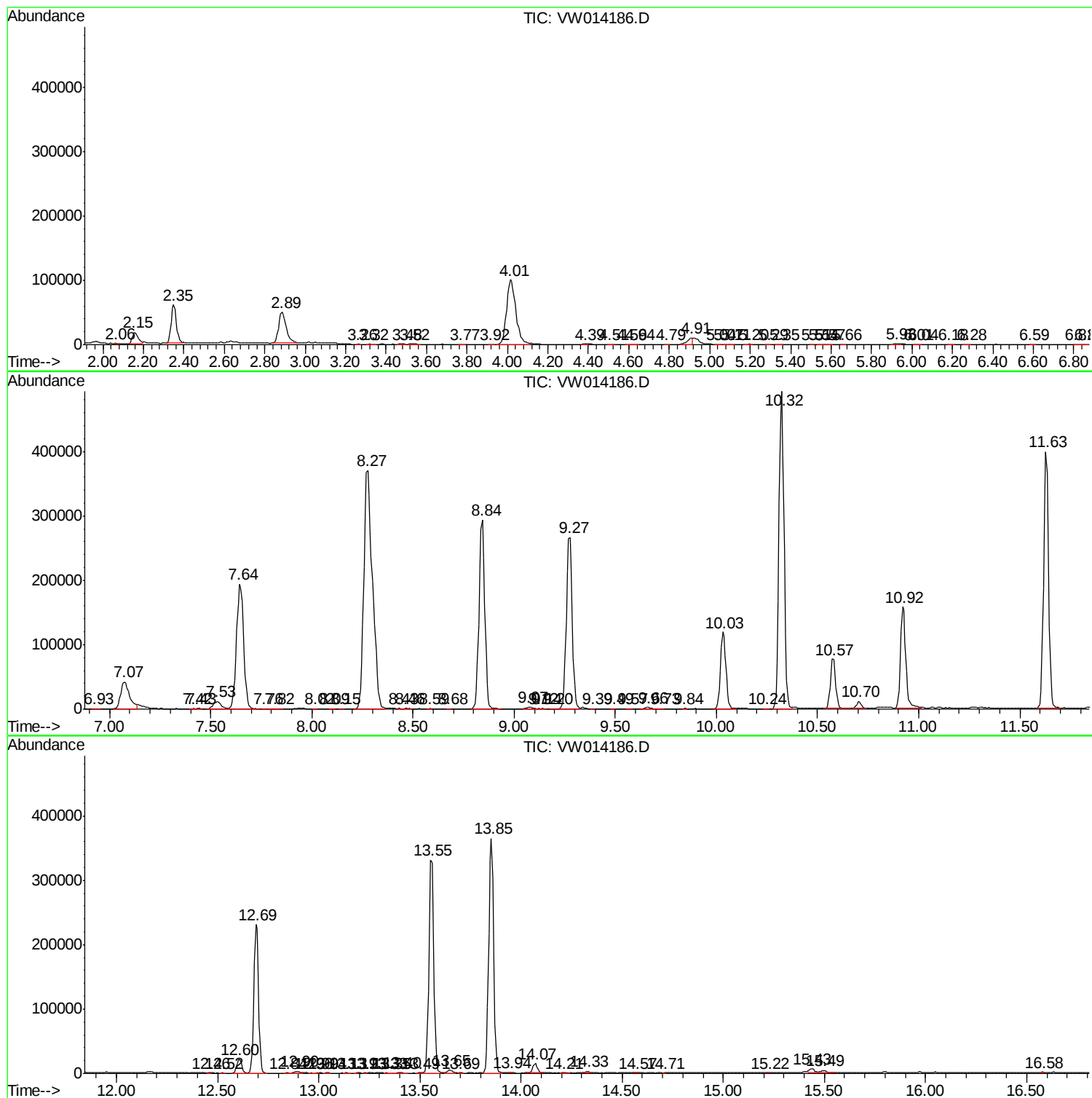
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



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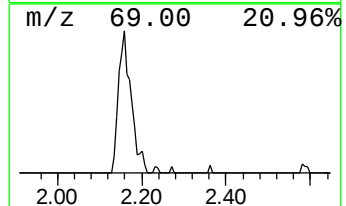
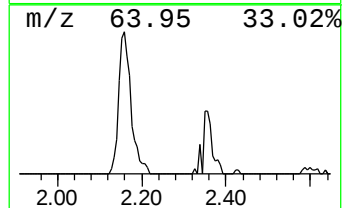
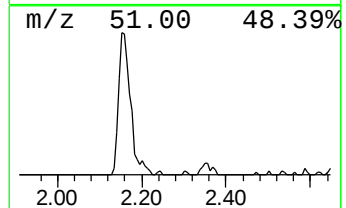
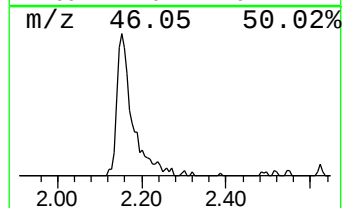
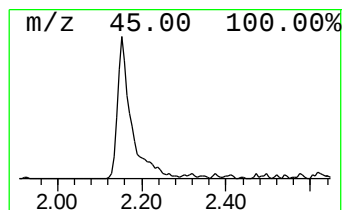
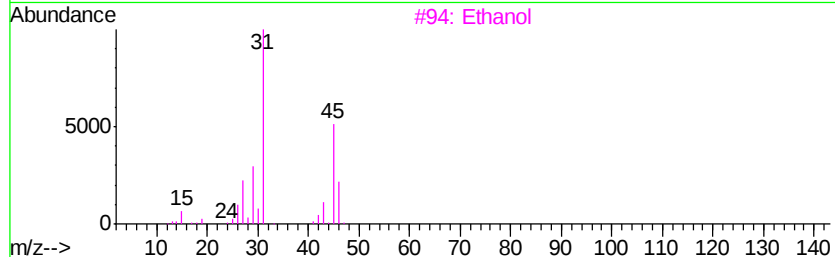
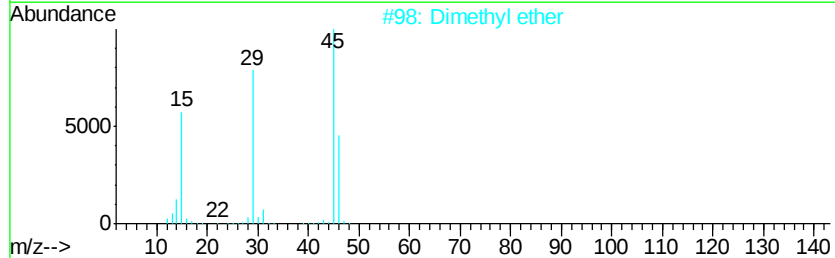
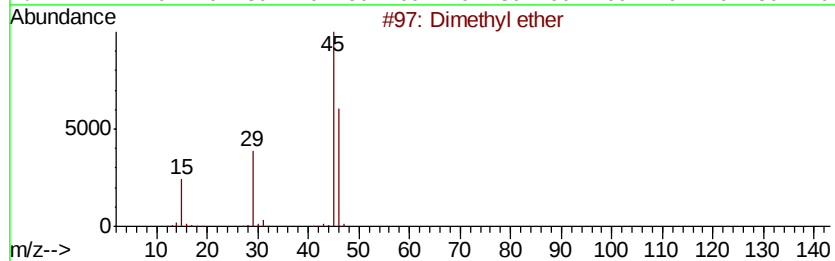
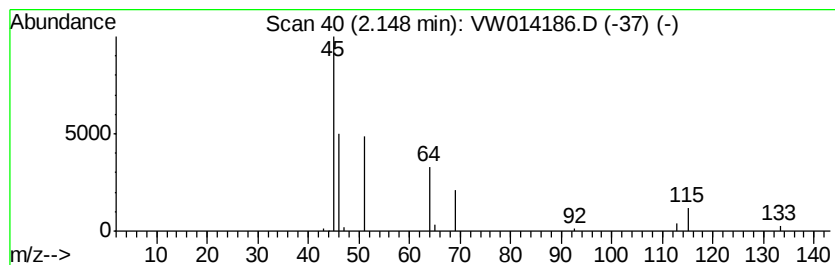
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.43 ug/L	32959	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	9
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Ethanol	46	C2H6O	000064-17-5	7
4		Ethanol	46	C2H6O	000064-17-5	7
5		Ethanol	46	C2H6O	000064-17-5	5



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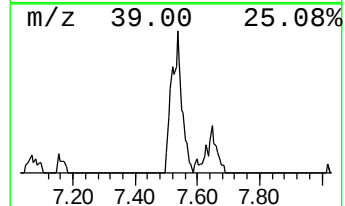
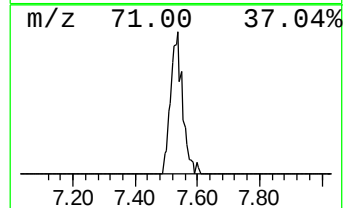
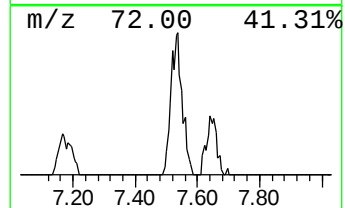
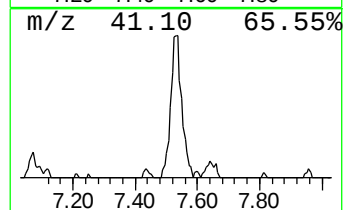
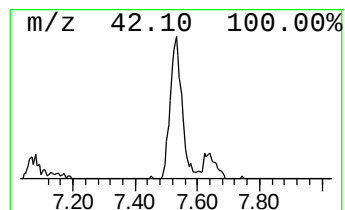
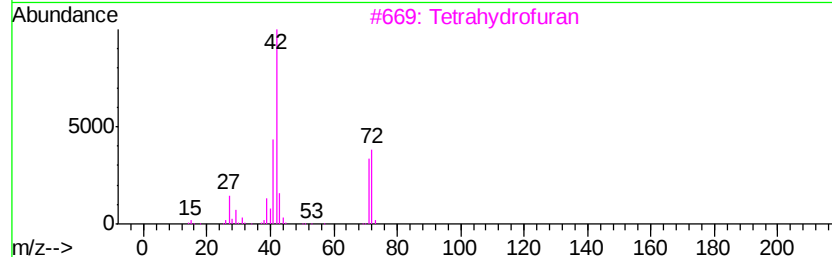
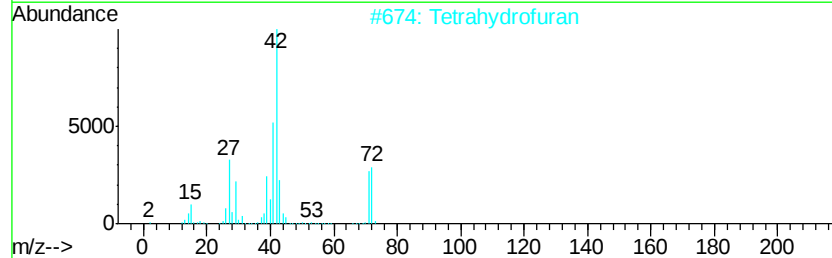
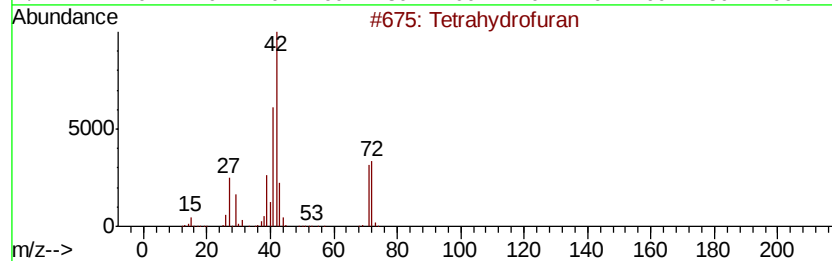
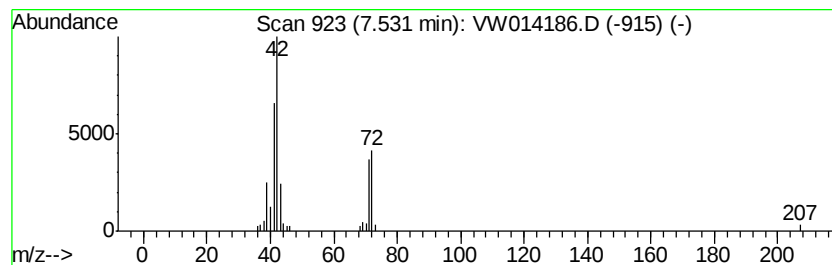
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetrahydrofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	1.33 ug/L	30614	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrahydrofuran	72	C4H8O	000109-99-9	90
2			Tetrahydrofuran	72	C4H8O	000109-99-9	78
3			Tetrahydrofuran	72	C4H8O	000109-99-9	72
4			Isobutylene epoxide	72	C4H8O	000558-30-5	59
5			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.15	1.4	ug/L	32959	1	8.84	576430	25.0
Tetrahydrofuran	7.53	1.3	ug/L	30614	1	8.84	576430	25.0