

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029982.D
 Acq On : 22 Aug 2024 13:02
 Operator : SY/MD
 Sample : P3673-03
 Misc : 5.03g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYD0

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_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029982.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.362	71	78	94	rVB	58671	130507	12.71%	1.533%
2	2.899	159	166	184	rVB	39977	118882	11.57%	1.397%
3	3.387	242	246	257	rVB4	2074	5253	0.51%	0.062%
4	3.484	261	262	267	rVB2	184	298	0.03%	0.004%
5	3.527	267	269	271	rBV2	182	203	0.02%	0.002%
6	3.600	277	281	283	rBV2	228	277	0.03%	0.003%
7	3.691	293	296	297	rBV2	233	223	0.02%	0.003%
8	3.728	298	302	304	rBV4	515	739	0.07%	0.009%
9	4.021	339	350	363	rBV	106642	318166	30.98%	3.738%
10	4.155	365	372	389	rVB	37036	137644	13.40%	1.617%
11	4.661	454	455	456	rBV	329	212	0.02%	0.002%
12	4.923	487	498	514	rBV3	9773	34118	3.32%	0.401%
13	5.124	529	531	534	rVB	230	219	0.02%	0.003%
14	5.520	591	596	599	rBV2	129	231	0.02%	0.003%
15	5.685	621	623	624	rBV2	205	162	0.02%	0.002%
16	5.783	634	639	640	rBV2	607	894	0.09%	0.011%
17	5.935	658	664	676	rVB5	2170	6641	0.65%	0.078%
18	6.209	705	709	713	rVB2	167	230	0.02%	0.003%
19	6.282	720	721	725	rBV2	188	209	0.02%	0.002%
20	6.368	734	735	738	rVB2	185	169	0.02%	0.002%
21	6.404	738	741	742	rBV2	223	210	0.02%	0.002%
22	6.465	748	751	754	rBV	199	266	0.03%	0.003%
23	6.630	776	778	781	rVV2	166	206	0.02%	0.002%
24	6.740	794	796	800	rBV2	141	224	0.02%	0.003%
25	6.904	816	823	826	rBV3	1610	3420	0.33%	0.040%
26	7.093	841	854	882	rBV2	24934	96637	9.41%	1.135%
27	7.276	882	884	886	rVB	331	206	0.02%	0.002%
28	7.544	926	928	930	rBV	145	168	0.02%	0.002%
29	7.648	934	945	958	rBV	182557	449921	43.80%	5.287%
30	7.983	997	1000	1002	rBV	286	181	0.02%	0.002%
31	8.075	1013	1015	1018	rBV2	170	180	0.02%	0.002%
32	8.154	1024	1028	1029	rBV	152	190	0.02%	0.002%
33	8.276	1037	1048	1067	rBV2	348063	1003803	97.73%	11.795%
34	8.556	1084	1094	1103	rBV2	3071	7884	0.77%	0.093%
35	8.703	1110	1118	1128	rVB2	5061	12641	1.23%	0.149%
36	8.770	1128	1129	1131	rBV2	261	173	0.02%	0.002%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

37	8.843	1131	1141	1153	rBV	475656	922560	89.82%	10.840%
38	9.081	1175	1180	1184	rVB5	1052	2297	0.22%	0.027%
39	9.270	1200	1211	1222	rBV	234984	481607	46.89%	5.659%
40	9.410	1228	1234	1246	rVB	16645	34545	3.36%	0.406%
41	9.562	1258	1259	1263	rVB3	338	240	0.02%	0.003%
42	9.666	1271	1276	1281	rBV3	985	1834	0.18%	0.022%
43	10.032	1327	1336	1348	rBV	114476	210763	20.52%	2.476%
44	10.141	1350	1354	1355	rBV3	619	805	0.08%	0.009%
45	10.318	1374	1383	1391	rBV	459062	828361	80.65%	9.733%
46	10.501	1407	1413	1419	rBV4	926	1997	0.19%	0.023%
47	10.574	1419	1425	1433	rBV	74396	130433	12.70%	1.533%
48	10.696	1439	1445	1451	rBV2	14420	25828	2.51%	0.303%
49	10.867	1469	1473	1476	rVB3	566	812	0.08%	0.010%
50	10.922	1476	1482	1495	rBV	114806	203481	19.81%	2.391%
51	11.068	1499	1506	1522	rVV	148226	248065	24.15%	2.915%
52	11.330	1547	1549	1551	rBV2	267	278	0.03%	0.003%
53	11.538	1579	1583	1584	rVB2	220	268	0.03%	0.003%
54	11.568	1584	1588	1590	rBV3	558	957	0.09%	0.011%
55	11.629	1590	1598	1609	rBV	605810	1027113	100.00%	12.069%
56	11.848	1627	1634	1649	rBV	38555	85747	8.35%	1.008%
57	12.025	1658	1663	1669	rBV5	1903	3967	0.39%	0.047%
58	12.153	1680	1684	1687	rBV4	399	671	0.07%	0.008%
59	12.233	1694	1697	1700	rBV2	711	969	0.09%	0.011%
60	12.336	1708	1714	1725	rVB4	7057	13701	1.33%	0.161%
61	12.464	1731	1735	1739	rBV2	2490	4015	0.39%	0.047%
62	12.507	1739	1742	1748	rVB4	1856	2931	0.29%	0.034%
63	12.556	1748	1750	1751	rBV2	239	180	0.02%	0.002%
64	12.604	1751	1758	1765	rBV2	11987	20212	1.97%	0.237%
65	12.690	1765	1772	1781	rBV	197275	324607	31.60%	3.814%
66	12.830	1793	1795	1796	rBV2	248	175	0.02%	0.002%
67	12.909	1802	1808	1809	rBV4	713	1269	0.12%	0.015%
68	13.043	1828	1830	1833	rVB2	522	476	0.05%	0.006%
69	13.104	1833	1840	1843	rBV3	1526	2993	0.29%	0.035%
70	13.153	1843	1848	1853	rBV2	10174	15468	1.51%	0.182%
71	13.208	1853	1857	1862	rBV2	5868	9292	0.90%	0.109%
72	13.269	1863	1867	1878	rVB3	8411	17890	1.74%	0.210%
73	13.391	1880	1887	1893	rBV3	9815	16249	1.58%	0.191%
74	13.464	1894	1899	1900	rBV	11568	14493	1.41%	0.170%
75	13.555	1907	1914	1921	rBV	508744	819965	79.83%	9.635%
76	13.787	1950	1952	1954	rBV2	424	419	0.04%	0.005%

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 Title : SFAM01.0

77	13.848	1954	1962	1973	rBV	377164	617068	60.08%	7.251%
78	14.001	1981	1987	1993	rBV8	3194	8318	0.81%	0.098%
79	14.068	1993	1998	2005	rVV3	9688	18841	1.83%	0.221%
80	14.147	2007	2011	2016	rVB6	1608	2349	0.23%	0.028%
81	14.318	2033	2039	2047	rBV3	8920	14248	1.39%	0.167%
82	14.433	2056	2058	2061	rVB2	429	339	0.03%	0.004%
83	14.464	2061	2063	2065	rBV2	370	319	0.03%	0.004%
84	14.488	2065	2067	2069	rBV2	456	359	0.03%	0.004%
85	14.519	2069	2072	2076	rVB4	1019	1439	0.14%	0.017%
86	14.610	2084	2087	2088	rBV3	551	619	0.06%	0.007%
87	14.683	2094	2099	2107	rBV4	5286	9289	0.90%	0.109%
88	14.775	2112	2114	2115	rBV2	282	236	0.02%	0.003%
89	14.842	2123	2125	2131	rVB6	950	1549	0.15%	0.018%
90	14.952	2138	2143	2145	rBV3	1098	1580	0.15%	0.019%
91	15.055	2158	2160	2161	rBV	496	485	0.05%	0.006%
92	15.110	2164	2169	2174	rVB5	1987	4001	0.39%	0.047%
93	15.195	2174	2183	2187	rBV7	2223	5321	0.52%	0.063%
94	15.244	2187	2191	2198	rVB5	3227	5745	0.56%	0.068%
95	15.622	2251	2253	2256	rVB2	492	328	0.03%	0.004%
96	15.726	2268	2270	2273	rBV3	409	370	0.04%	0.004%
97	15.842	2286	2289	2295	rVB5	4649	7357	0.72%	0.086%
98	16.061	2323	2325	2326	rBV2	581	405	0.04%	0.005%
99	16.268	2357	2359	2361	rVB2	408	207	0.02%	0.002%
100	16.518	2398	2400	2401	rBV	518	272	0.03%	0.003%

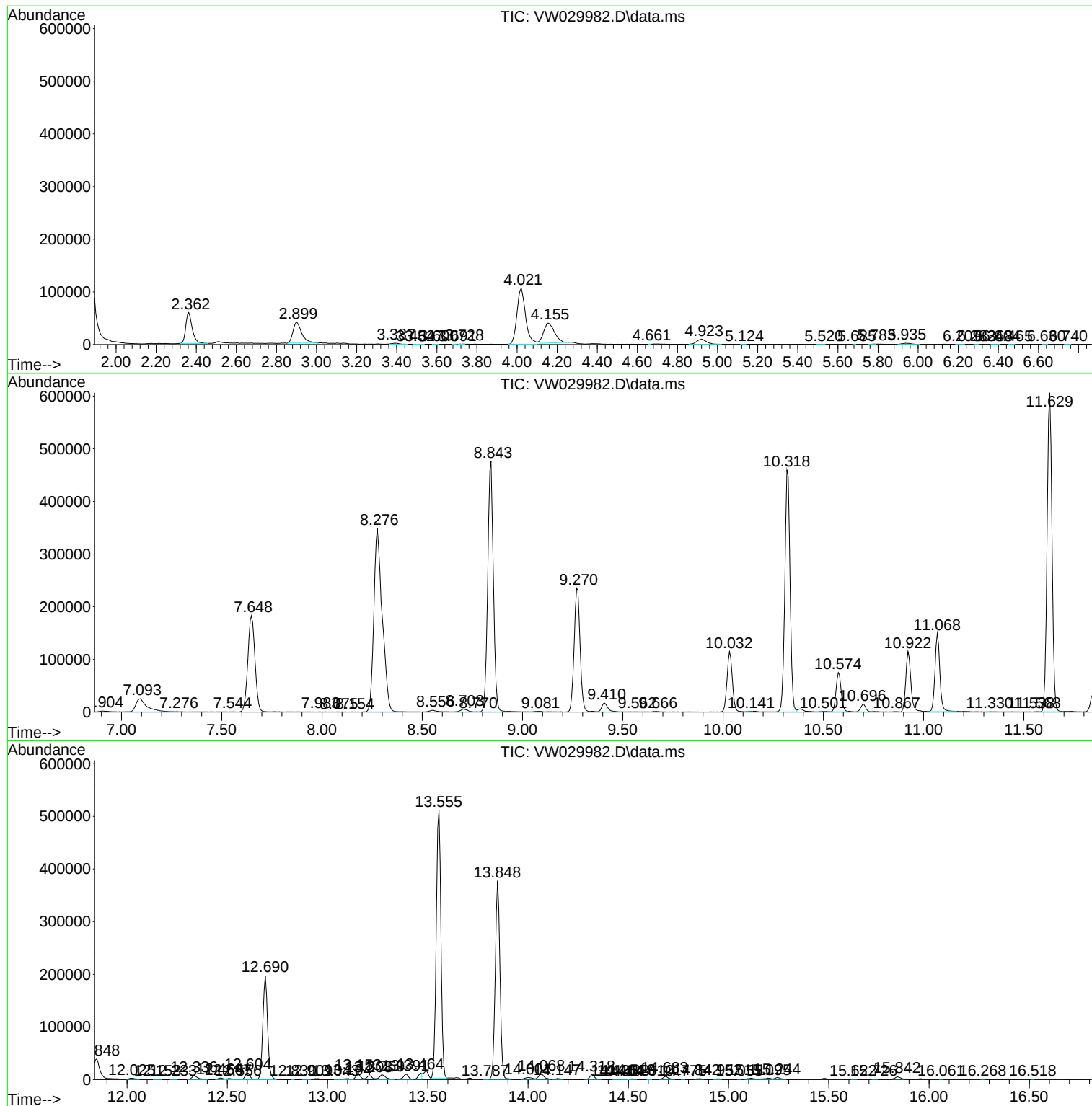
Sum of corrected areas: 8510564

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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MSVOA_W
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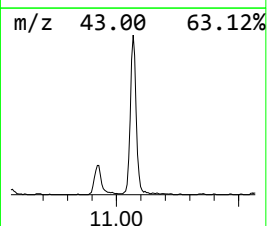
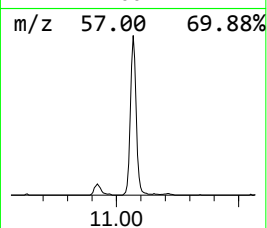
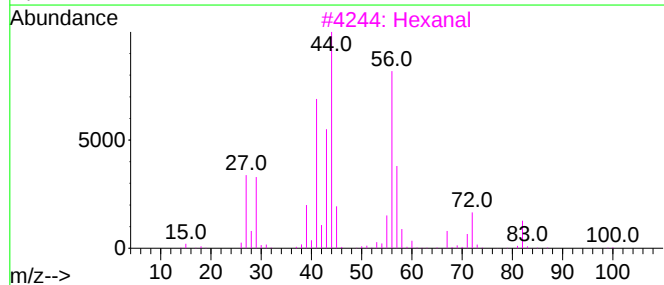
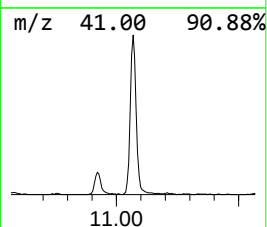
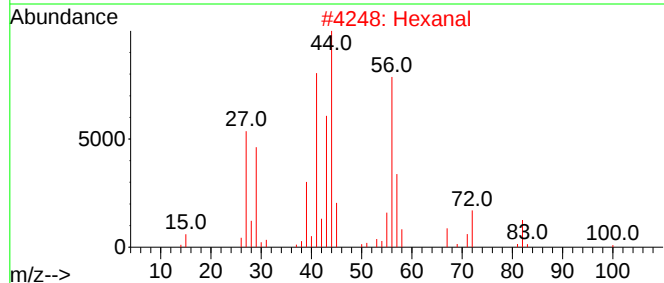
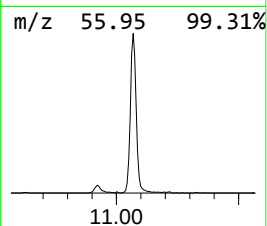
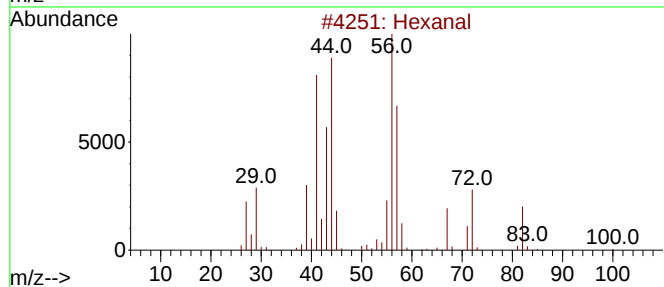
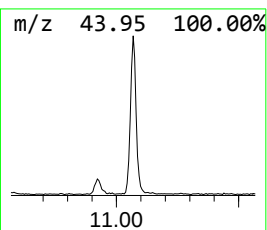
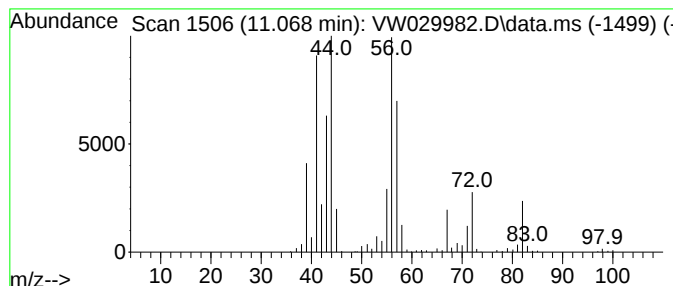
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	6.04 ug/L	248065	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	81
4	Hexanal			100	C6H12O	000066-25-1	68
5	Hexanal			100	C6H12O	000066-25-1	50



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Instrument :
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DCYD0

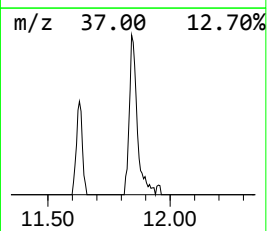
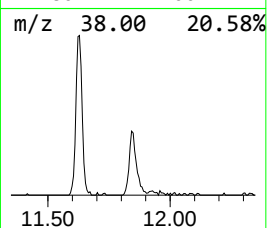
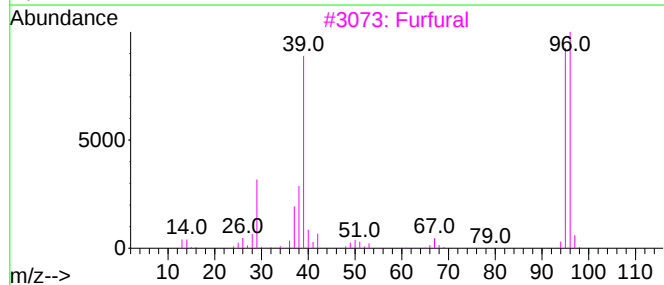
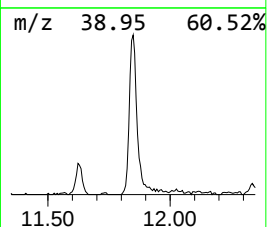
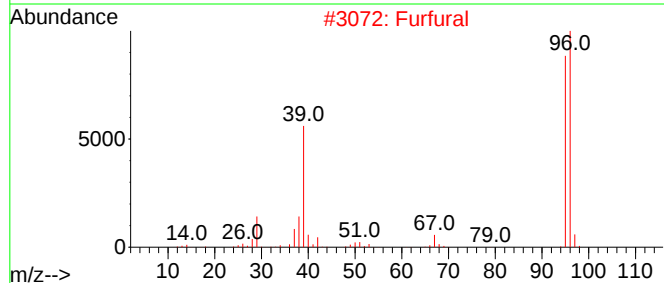
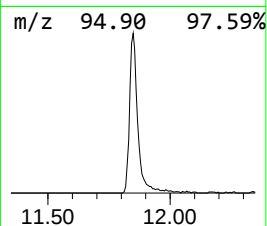
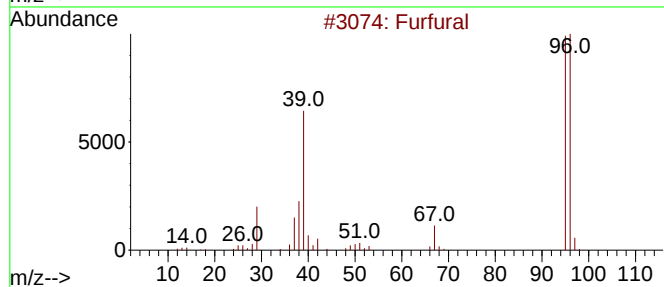
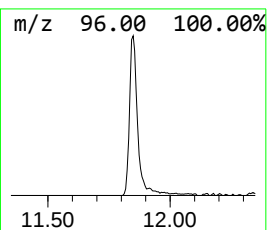
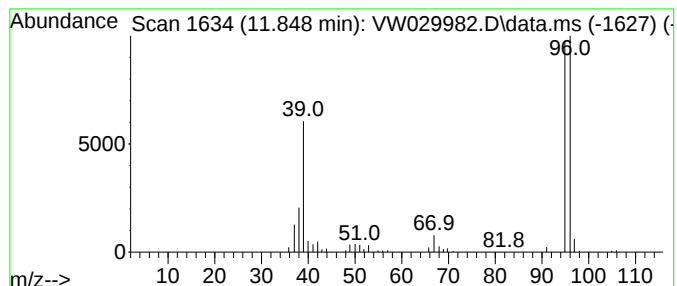
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Quant Title : SFAM01.0

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

Peak Number 3 Furfural Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.849	2.09 ug/L	85747	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	95
2	Furfural			96	C5H4O2	000098-01-1	94
3	Furfural			96	C5H4O2	000098-01-1	94
4	Furfural			96	C5H4O2	000098-01-1	91
5	3-Furaldehyde			96	C5H4O2	000498-60-2	90



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Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	11.068	6.0	ug/L	248065	2	11.629	1027110	25.0
Furfural	11.849	2.1	ug/L	85747	2	11.629	1027110	25.0