

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025467.D
 Acq On : 21 Mar 2023 14:40
 Operator : SY/MD
 Sample : 01979-14
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGC0

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

Signal : TIC: VW025467.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	73	78	93	rVB	108657	262804	7.77%	1.053%
2	2.893	159	165	181	rVB	105526	304038	8.98%	1.218%
3	3.387	242	246	254	rBV5	6004	14104	0.42%	0.057%
4	3.472	256	260	262	rBV5	1876	2573	0.08%	0.010%
5	3.869	323	325	327	rBV3	1056	920	0.03%	0.004%
6	3.954	336	339	340	rBV3	2042	2083	0.06%	0.008%
7	4.021	340	350	360	rBV	289581	942364	27.85%	3.776%
8	4.582	440	442	443	rBV2	1136	922	0.03%	0.004%
9	4.661	449	455	457	rBV7	5261	7433	0.22%	0.030%
10	4.850	484	486	487	rVV2	1636	1214	0.04%	0.005%
11	4.923	489	498	511	rVV2	16495	64552	1.91%	0.259%
12	5.228	545	548	549	rVB3	1738	1560	0.05%	0.006%
13	5.320	561	563	564	rBV2	1907	1371	0.04%	0.005%
14	5.563	597	603	604	rVB6	1839	2259	0.07%	0.009%
15	5.582	604	606	607	rBV2	1404	1277	0.04%	0.005%
16	5.692	620	624	625	rBV4	1469	1860	0.05%	0.007%
17	5.710	625	627	628	rBV2	1791	1047	0.03%	0.004%
18	5.777	633	638	640	rBV5	7352	11870	0.35%	0.048%
19	5.887	654	656	657	rBV2	1405	1168	0.03%	0.005%
20	6.002	674	675	676	rBV	1524	1016	0.03%	0.004%
21	6.057	682	684	686	rBV3	1009	928	0.03%	0.004%
22	6.082	686	688	691	rVV4	1431	1897	0.06%	0.008%
23	6.130	695	696	698	rBV2	1863	1670	0.05%	0.007%
24	6.301	721	724	727	rVB5	1566	1520	0.04%	0.006%
25	6.326	727	728	731	rVB3	1315	1317	0.04%	0.005%
26	6.368	731	735	736	rBV4	923	1183	0.03%	0.005%
27	6.387	736	738	740	rVB3	2588	1590	0.05%	0.006%
28	6.454	747	749	751	rVB3	2255	1360	0.04%	0.005%
29	6.472	751	752	758	rVB6	944	1061	0.03%	0.004%
30	6.515	758	759	762	rBV3	1359	1353	0.04%	0.005%
31	6.606	773	774	776	rVB2	2338	1104	0.03%	0.004%
32	6.636	776	779	781	rBV4	1437	1494	0.04%	0.006%
33	6.655	781	782	784	rVB2	1395	958	0.03%	0.004%
34	6.679	784	786	788	rBV3	1456	1208	0.04%	0.005%
35	6.905	813	823	829	rBV3	14813	42910	1.27%	0.172%
36	7.069	841	850	862	rBV	155720	453263	13.39%	1.816%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Title : SFAM01.0

37	7.283	884	885	887	rVB2	2060	1121	0.03%	0.004%
38	7.325	889	892	893	rBV3	2926	2489	0.07%	0.010%
39	7.447	908	912	914	rBV5	1890	2743	0.08%	0.011%
40	7.648	935	945	957	rBV	554396	1347159	39.81%	5.398%
41	7.819	971	973	974	rBV2	1360	923	0.03%	0.004%
42	7.911	984	988	991	rBV6	2645	5277	0.16%	0.021%
43	7.990	999	1001	1004	rBV4	1557	1548	0.05%	0.006%
44	8.051	1008	1011	1013	rBV4	1709	2055	0.06%	0.008%
45	8.081	1013	1016	1021	rVB6	2128	2694	0.08%	0.011%
46	8.136	1024	1025	1028	rBV3	1710	1279	0.04%	0.005%
47	8.161	1028	1029	1033	rVB4	1086	958	0.03%	0.004%
48	8.276	1038	1048	1064	rBV2	1124939	3384297	100.00%	13.562%
49	8.508	1084	1086	1087	rBV2	1671	1312	0.04%	0.005%
50	8.551	1088	1093	1100	rVV3	12238	27424	0.81%	0.110%
51	8.703	1109	1118	1126	rBV2	28868	66518	1.97%	0.267%
52	8.837	1132	1140	1150	rBV	1112619	2217581	65.53%	8.887%
53	9.270	1203	1211	1222	rBV	805608	1634896	48.31%	6.552%
54	9.410	1228	1234	1245	rVB2	33488	68222	2.02%	0.273%
55	9.660	1272	1275	1277	rBV4	2706	3666	0.11%	0.015%
56	9.898	1310	1314	1317	rBV6	2242	3730	0.11%	0.015%
57	9.959	1322	1324	1327	rVB4	2323	2404	0.07%	0.010%
58	10.032	1327	1336	1346	rBV	430251	796133	23.52%	3.190%
59	10.197	1360	1363	1364	rBV3	1034	1102	0.03%	0.004%
60	10.215	1364	1366	1368	rBV3	2122	1806	0.05%	0.007%
61	10.319	1375	1383	1392	rBV	1533794	2746299	81.15%	11.005%
62	10.502	1409	1413	1416	rBV6	3508	6653	0.20%	0.027%
63	10.575	1418	1425	1432	rBV	298270	504647	14.91%	2.022%
64	10.703	1440	1446	1451	rBV	42435	72821	2.15%	0.292%
65	10.922	1475	1482	1497	rBV	573466	984080	29.08%	3.944%
66	11.069	1501	1506	1519	rVB	94968	167408	4.95%	0.671%
67	11.355	1552	1553	1556	rBV3	1641	1471	0.04%	0.006%
68	11.380	1556	1557	1561	rBV4	1979	2717	0.08%	0.011%
69	11.440	1566	1567	1569	rVB2	1474	1016	0.03%	0.004%
70	11.556	1584	1586	1588	rBV3	1127	1053	0.03%	0.004%
71	11.629	1590	1598	1607	rVV	1577315	2574369	76.07%	10.316%
72	11.849	1627	1634	1635	rBV7	4573	8106	0.24%	0.032%
73	11.940	1646	1649	1655	rVB6	7623	12328	0.36%	0.049%
74	12.007	1659	1660	1661	rBV	1819	969	0.03%	0.004%
75	12.087	1672	1673	1675	rBV2	1360	989	0.03%	0.004%
76	12.160	1683	1685	1686	rBV2	2452	2020	0.06%	0.008%

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 Title : SFAM01.0

77	12.239	1695	1698	1704	rVB6	4257	6496	0.19%	0.026%
78	12.337	1708	1714	1722	rBV2	20582	35916	1.06%	0.144%
79	12.410	1725	1726	1730	rVB4	2017	1746	0.05%	0.007%
80	12.465	1732	1735	1738	rBV5	3236	3827	0.11%	0.015%
81	12.507	1740	1742	1744	rBV3	1553	1203	0.04%	0.005%
82	12.605	1749	1758	1764	rBV2	76656	136775	4.04%	0.548%
83	12.690	1765	1772	1779	rBV	731288	1195867	35.34%	4.792%
84	12.837	1794	1796	1797	rBV2	1510	1008	0.03%	0.004%
85	12.934	1807	1812	1818	rVV4	10892	17423	0.51%	0.070%
86	13.117	1840	1842	1843	rBV2	2538	1843	0.05%	0.007%
87	13.269	1855	1867	1875	rBV3	60395	127026	3.75%	0.509%
88	13.391	1882	1887	1892	rBV3	23598	38938	1.15%	0.156%
89	13.556	1907	1914	1924	rBV	1453875	2303587	68.07%	9.231%
90	13.647	1925	1929	1935	rVB	18932	29672	0.88%	0.119%
91	13.849	1955	1962	1977	rVB	1287526	2076989	61.37%	8.323%
92	14.062	1992	1997	2004	rVB2	39565	74274	2.19%	0.298%
93	14.318	2035	2039	2046	rVB4	19232	31060	0.92%	0.124%
94	14.617	2085	2088	2093	rVB7	4205	6218	0.18%	0.025%
95	14.928	2137	2139	2140	rBV2	2173	1664	0.05%	0.007%
96	15.062	2159	2161	2163	rBV3	1945	1791	0.05%	0.007%
97	15.482	2224	2230	2236	rBV	29546	51175	1.51%	0.205%
98	15.684	2261	2263	2267	rVB5	2551	2416	0.07%	0.010%
99	16.305	2364	2365	2366	rBV	1969	967	0.03%	0.004%
100	16.702	2428	2430	2431	rBV2	1489	926	0.03%	0.004%

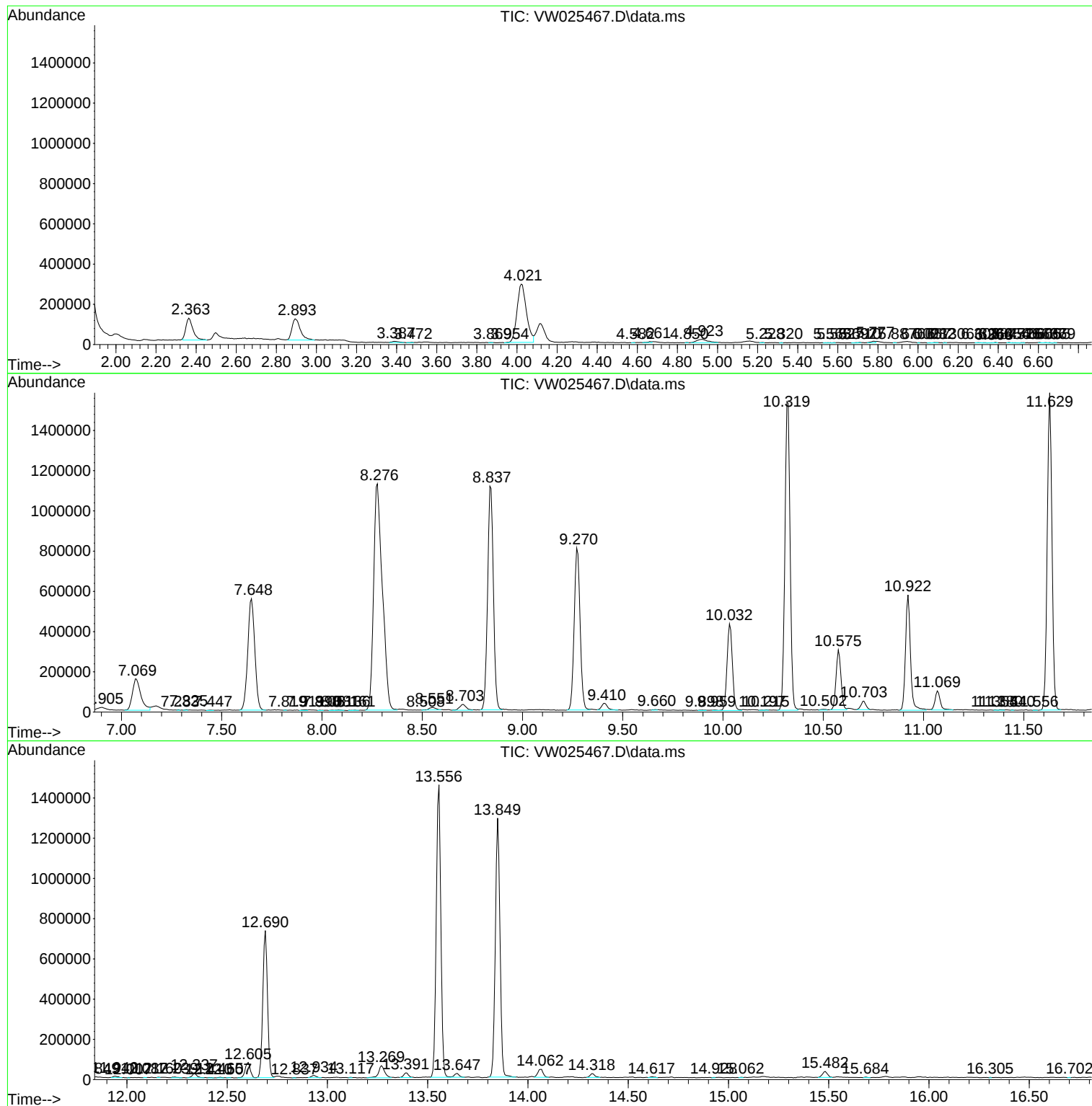
Sum of corrected areas: 24954341

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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



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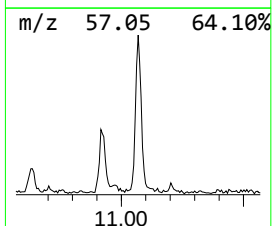
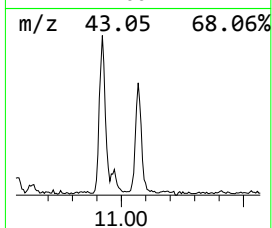
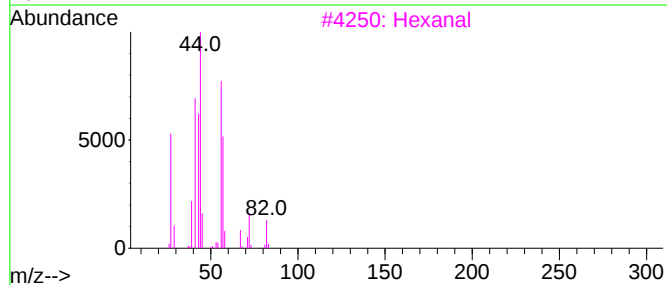
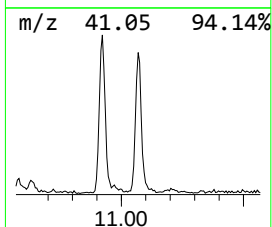
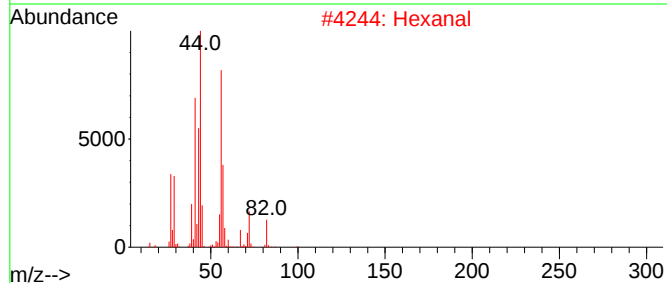
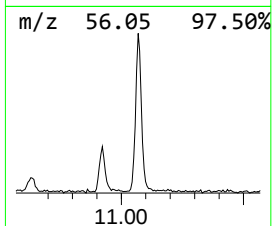
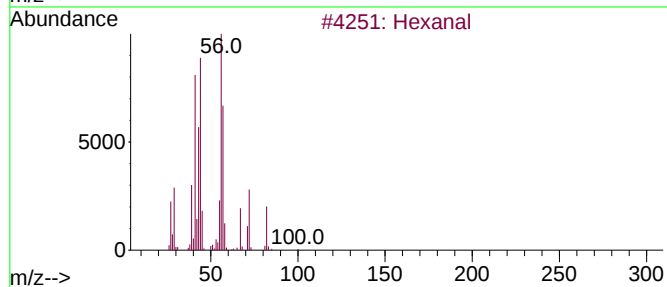
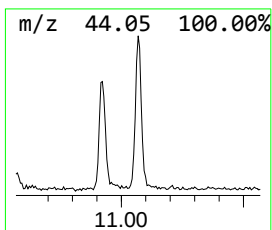
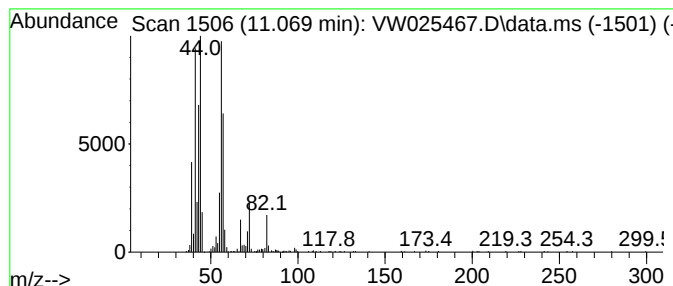
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	1.63 ug/L	167408	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	93
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	64



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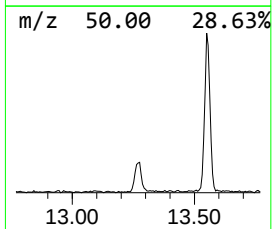
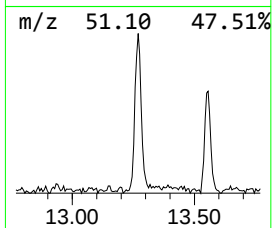
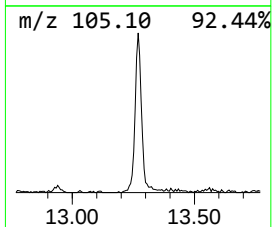
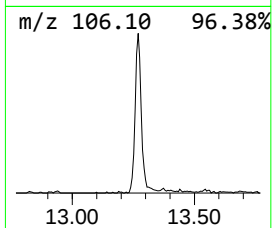
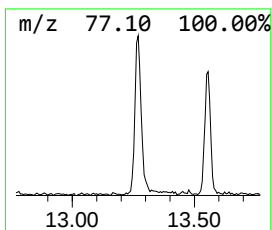
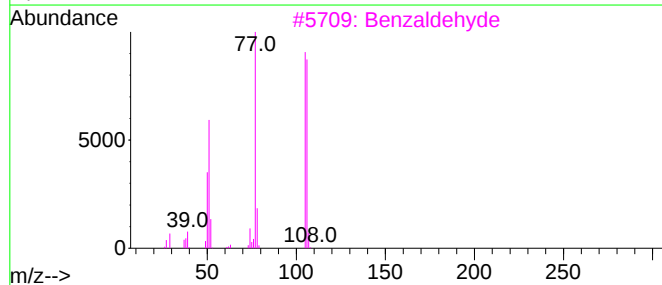
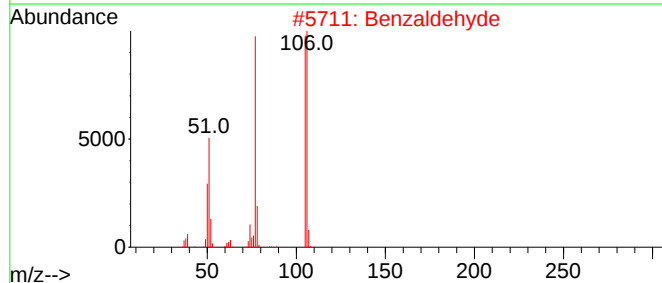
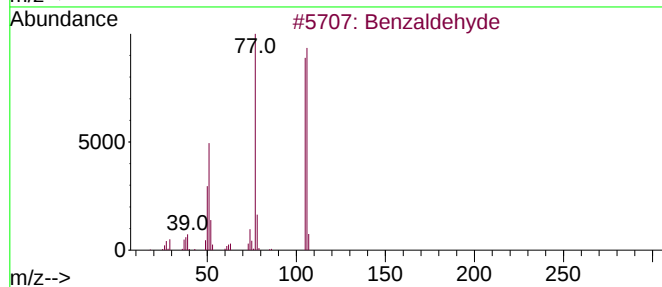
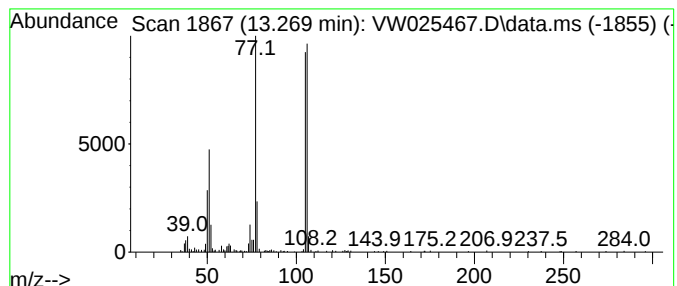
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	1.38 ug/L	127026	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde	106	C7H6O	000100-52-7	97
2			Benzaldehyde	106	C7H6O	000100-52-7	96
3			Benzaldehyde	106	C7H6O	000100-52-7	95
4			Benzaldehyde	106	C7H6O	000100-52-7	91
5			Benzaldehyde	106	C7H6O	000100-52-7	91



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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	11.069	1.6	ug/L	167408	2	11.630	2574370	25.0
Benzaldehyde	13.269	1.4	ug/L	127026	3	13.556	2303590	25.0