

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020629.D
 Acq On : 20 Oct 2021 00:49
 Operator : SY/VA
 Sample : M4263-12
 Misc : 4.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7F7

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\SFAMWLM100821SMA.M
 Title : SFAM01.0

Signal : TIC: VW020629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	67	72	83	rVB	70572	114825	12.01%	1.741%
2	2.489	92	96	105	rVB	8007	16330	1.71%	0.248%
3	2.757	138	140	144	rBV3	332	524	0.05%	0.008%
4	2.879	151	160	174	rBV	30416	66075	6.91%	1.002%
5	3.178	207	209	211	rBV2	209	212	0.02%	0.003%
6	3.300	227	229	230	rBV2	302	303	0.03%	0.005%
7	3.495	258	261	263	rBV4	245	336	0.04%	0.005%
8	3.721	294	298	302	rVB3	435	722	0.08%	0.011%
9	4.013	333	346	358	rBV2	92493	281108	29.41%	4.261%
10	4.129	358	365	379	rVB	11848	33112	3.46%	0.502%
11	4.385	401	407	408	rBV4	319	472	0.05%	0.007%
12	4.550	432	434	438	rVB2	147	214	0.02%	0.003%
13	4.586	438	440	441	rBV	249	259	0.03%	0.004%
14	4.672	450	454	456	rBV2	295	458	0.05%	0.007%
15	5.001	504	508	516	rVB4	1270	3487	0.36%	0.053%
16	5.781	629	636	645	rVV4	1019	3004	0.31%	0.046%
17	5.934	654	661	662	rBV3	859	1549	0.16%	0.023%
18	6.117	685	691	694	rBV4	367	766	0.08%	0.012%
19	6.903	812	820	831	rBV2	2798	8132	0.85%	0.123%
20	7.080	841	849	860	rBV	30281	84306	8.82%	1.278%
21	7.647	932	942	955	rBV	157800	385598	40.34%	5.845%
22	8.275	1034	1045	1060	rBV2	317851	955984	100.00%	14.492%
23	8.701	1109	1115	1125	rBV5	2159	5378	0.56%	0.082%
24	8.842	1129	1138	1149	rBV	271196	531842	55.63%	8.062%
25	9.049	1164	1172	1174	rVV5	737	1499	0.16%	0.023%
26	9.073	1174	1176	1181	rVV2	478	619	0.06%	0.009%
27	9.153	1184	1189	1195	rVB3	348	613	0.06%	0.009%
28	9.275	1200	1209	1219	rBV	228659	458043	47.91%	6.943%
29	9.409	1224	1231	1241	rVB2	9770	19376	2.03%	0.294%
30	9.659	1266	1272	1278	rBV4	295	647	0.07%	0.010%
31	9.921	1310	1315	1321	rBV2	957	1633	0.17%	0.025%
32	10.037	1325	1334	1343	rBV	114849	208846	21.85%	3.166%
33	10.128	1347	1349	1351	rVB	361	308	0.03%	0.005%
34	10.323	1373	1381	1388	rBV	451049	778016	81.38%	11.794%
35	10.390	1388	1392	1404	rVB	19859	35835	3.75%	0.543%
36	10.506	1404	1411	1416	rBV5	961	1551	0.16%	0.024%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Title : SFAM01.0

37	10.579	1416	1423	1432	rBV	81548	138493	14.49%	2.099%
38	10.707	1438	1444	1449	rBV2	3899	6681	0.70%	0.101%
39	10.744	1449	1450	1455	rVB2	419	376	0.04%	0.006%
40	10.780	1455	1456	1459	rBV2	186	195	0.02%	0.003%
41	10.927	1473	1480	1496	rBV	128412	220287	23.04%	3.339%
42	11.073	1496	1504	1517	rVV	77887	131655	13.77%	1.996%
43	11.274	1535	1537	1542	rVV	163	200	0.02%	0.003%
44	11.414	1555	1560	1566	rBV3	1701	3186	0.33%	0.048%
45	11.579	1584	1587	1588	rBV2	214	212	0.02%	0.003%
46	11.628	1588	1595	1605	rBV	375104	624290	65.30%	9.464%
47	11.713	1605	1609	1611	rBV4	859	1314	0.14%	0.020%
48	11.841	1624	1630	1636	rBV5	1672	3170	0.33%	0.048%
49	11.945	1642	1647	1654	rVB2	3183	5096	0.53%	0.077%
50	12.012	1654	1658	1663	rBV2	623	1076	0.11%	0.016%
51	12.170	1679	1684	1691	rVB7	897	1711	0.18%	0.026%
52	12.237	1691	1695	1699	rBV2	342	493	0.05%	0.007%
53	12.335	1706	1711	1719	rVB2	13342	21824	2.28%	0.331%
54	12.506	1737	1739	1742	rBV2	144	200	0.02%	0.003%
55	12.603	1747	1755	1762	rVB4	6001	11316	1.18%	0.172%
56	12.689	1762	1769	1777	rBV	163568	273625	28.62%	4.148%
57	12.750	1777	1779	1784	rVV3	814	1403	0.15%	0.021%
58	12.890	1799	1802	1805	rBV2	583	875	0.09%	0.013%
59	12.926	1805	1808	1813	rVV4	978	1663	0.17%	0.025%
60	13.048	1824	1828	1832	rBV4	1322	2203	0.23%	0.033%
61	13.097	1832	1836	1841	rBV4	2811	4283	0.45%	0.065%
62	13.268	1859	1864	1875	rVB6	2042	5374	0.56%	0.081%
63	13.396	1877	1885	1892	rBV2	17585	28856	3.02%	0.437%
64	13.475	1894	1898	1899	rBV3	845	926	0.10%	0.014%
65	13.554	1905	1911	1918	rBV	309908	493452	51.62%	7.480%
66	13.646	1922	1926	1934	rVB2	7591	11771	1.23%	0.178%
67	13.707	1934	1936	1938	rBV	389	196	0.02%	0.003%
68	13.762	1941	1945	1948	rBV3	642	1222	0.13%	0.019%
69	13.853	1952	1960	1966	rBV	315206	513768	53.74%	7.788%
70	13.944	1974	1975	1979	rVB2	686	668	0.07%	0.010%
71	14.018	1981	1987	1990	rBV6	1502	2567	0.27%	0.039%
72	14.066	1990	1995	2004	rVB2	7033	12407	1.30%	0.188%
73	14.188	2012	2015	2016	rBV2	280	210	0.02%	0.003%
74	14.219	2018	2020	2023	rVB	288	230	0.02%	0.003%
75	14.322	2029	2037	2045	rBV3	15810	24575	2.57%	0.373%
76	14.481	2060	2063	2064	rBV3	470	489	0.05%	0.007%

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Integration Parameters: LSCINT.P

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 Sampling : 1 Min Area: 0 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Title : SFAM01.0

77	14.518	2065	2069	2081	rVB2	2542	4764	0.50%	0.072%
78	14.615	2081	2085	2086	rBV3	414	380	0.04%	0.006%
79	14.664	2089	2093	2096	rVV3	291	526	0.06%	0.008%
80	14.719	2098	2102	2107	rVB4	1547	2461	0.26%	0.037%
81	14.767	2107	2110	2111	rBV2	396	322	0.03%	0.005%
82	14.822	2117	2119	2121	rVB2	409	270	0.03%	0.004%
83	14.877	2124	2128	2133	rVV5	530	1030	0.11%	0.016%
84	14.950	2133	2140	2145	rVV2	3156	5996	0.63%	0.091%
85	15.017	2146	2151	2156	rVV5	2177	4562	0.48%	0.069%
86	15.084	2157	2162	2168	rVB6	1219	2825	0.30%	0.043%
87	15.152	2168	2173	2174	rBV4	901	1271	0.13%	0.019%
88	15.176	2174	2177	2183	rVB4	2173	3495	0.37%	0.053%
89	15.243	2184	2188	2194	rBV5	949	1731	0.18%	0.026%
90	15.292	2194	2196	2197	rBV2	325	317	0.03%	0.005%
91	15.365	2204	2208	2209	rBV3	346	450	0.05%	0.007%
92	15.389	2209	2212	2213	rBV3	1214	1468	0.15%	0.022%
93	15.487	2224	2228	2234	rBV2	1298	1952	0.20%	0.030%
94	15.725	2263	2267	2268	rBV2	224	228	0.02%	0.003%
95	15.767	2270	2274	2275	rBV2	559	737	0.08%	0.011%
96	15.847	2282	2287	2292	rBV5	2942	4967	0.52%	0.075%
97	15.956	2301	2305	2310	rVV3	1053	1711	0.18%	0.026%
98	16.456	2383	2387	2390	rVV4	157	279	0.03%	0.004%
99	16.487	2390	2392	2393	rVV2	282	226	0.02%	0.003%
100	16.523	2397	2398	2401	rVB2	293	234	0.02%	0.004%

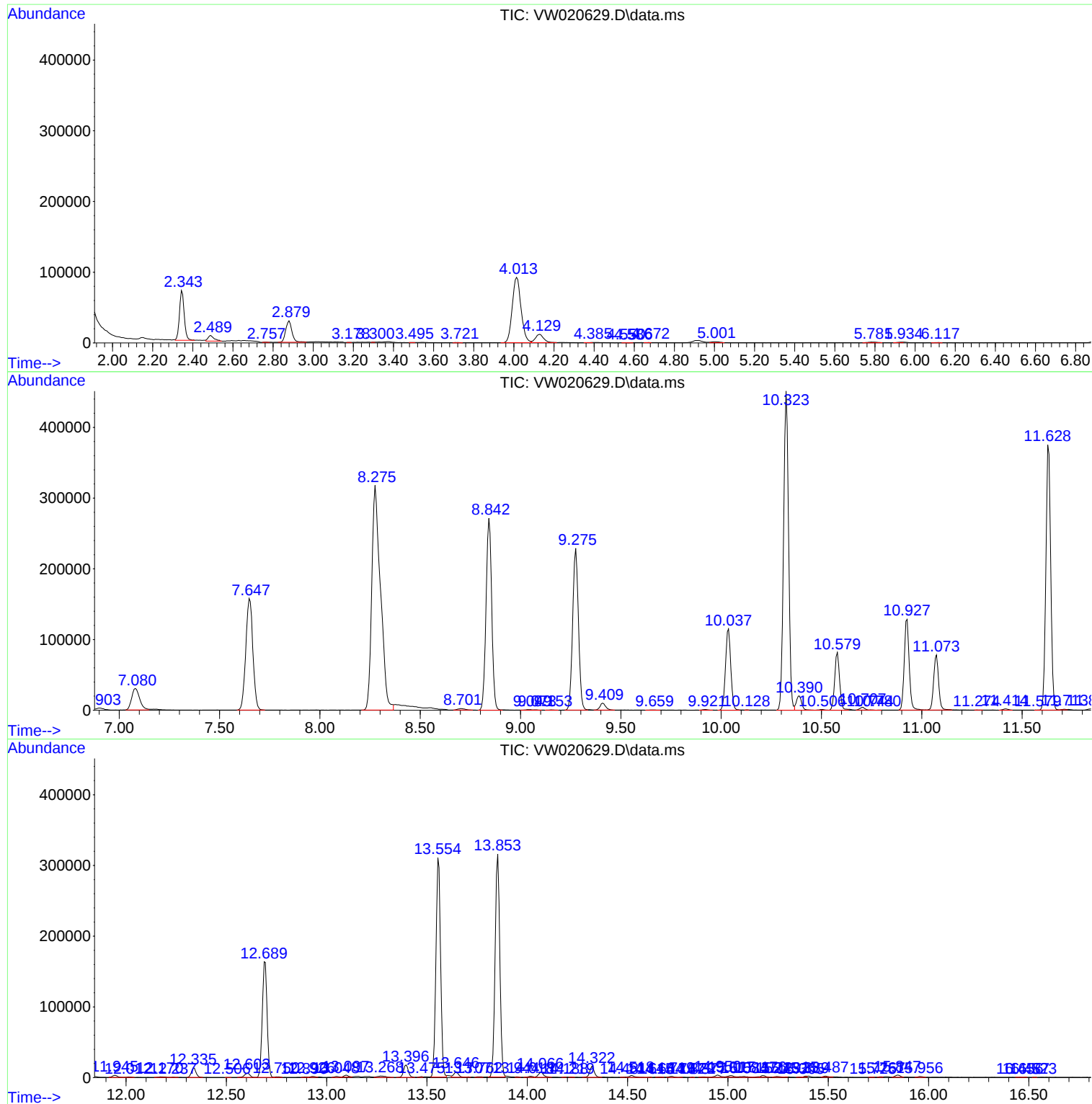
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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Quant Title : SFAM01.0

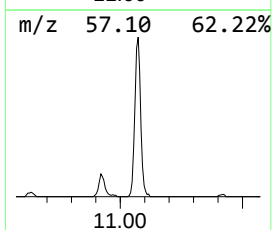
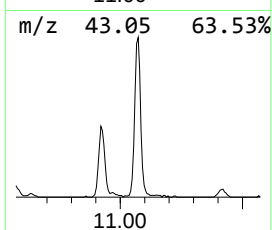
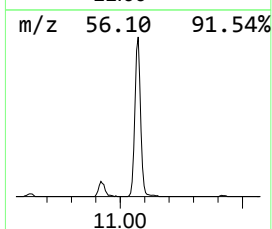
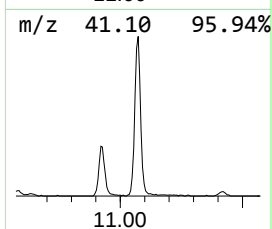
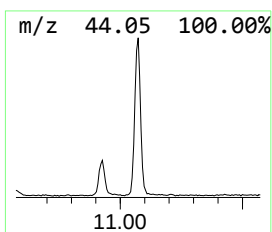
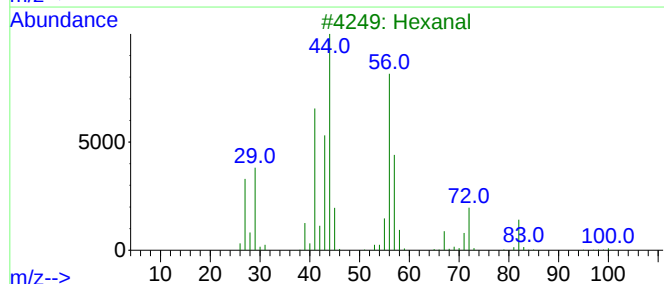
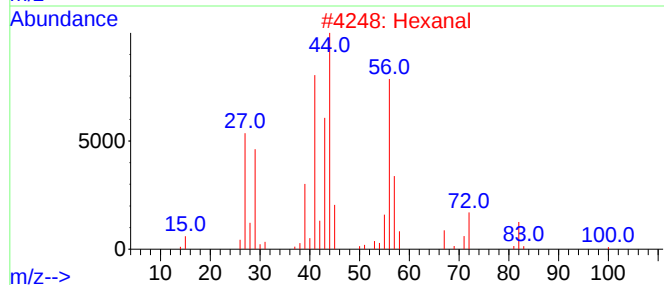
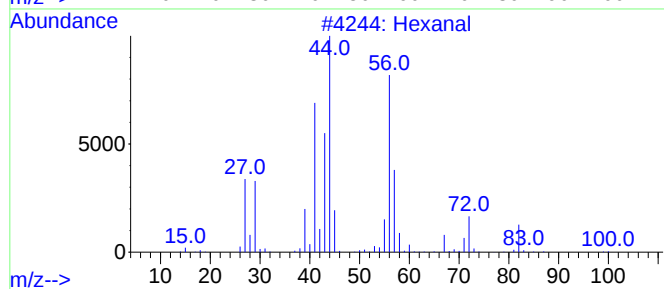
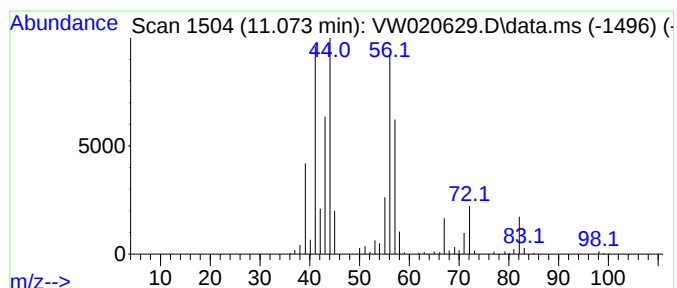
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	5.27 ug/L	131655	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	74
2	Hexanal			100	C6H12O	000066-25-1	72
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	43



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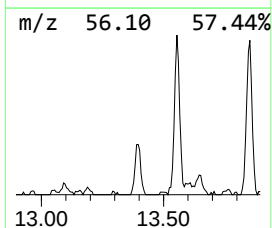
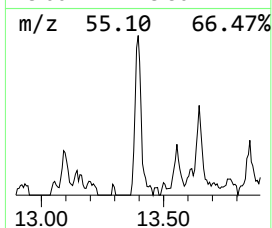
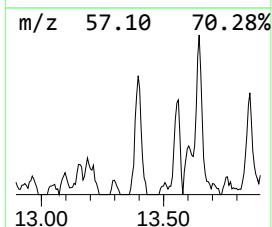
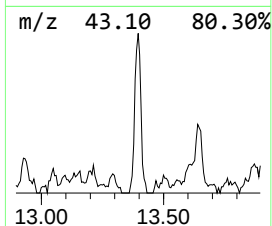
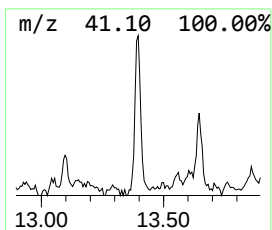
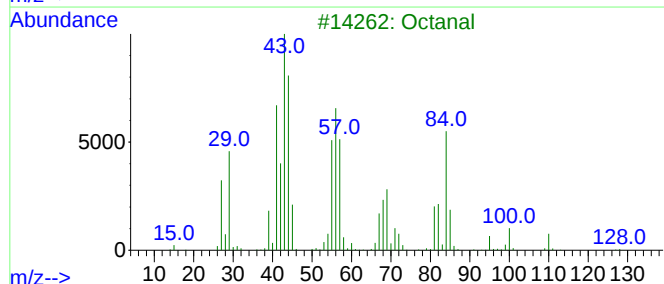
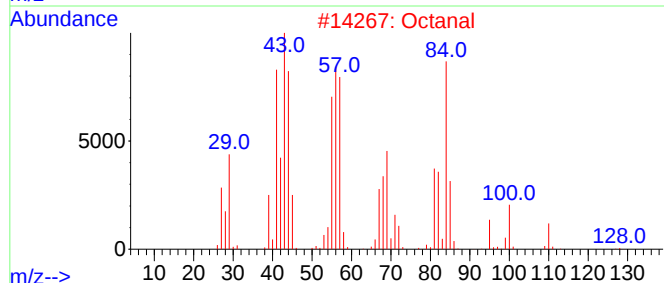
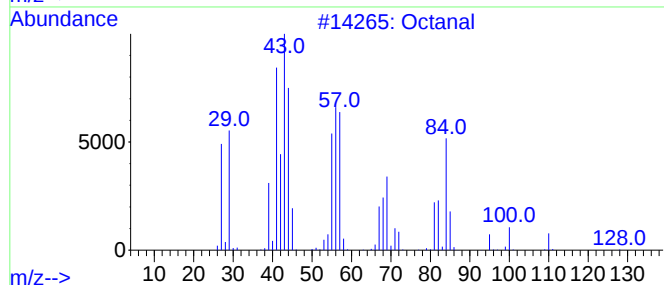
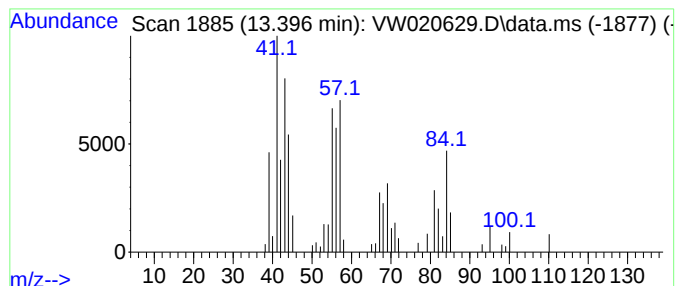
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.46 ug/L	28856	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	86
2	Octanal			128	C8H16O	000124-13-0	80
3	Octanal			128	C8H16O	000124-13-0	72
4	Octanal			128	C8H16O	000124-13-0	59
5	Octanal			128	C8H16O	000124-13-0	53



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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	11.073	5.3	ug/L	131655	2	11.628	624290	25.0
Octanal	13.396	1.5	ug/L	28856	3	13.554	493452	25.0