

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077958.D
 Acq On : 18 Dec 2023 20:08
 Operator : RP/MD
 Sample : 05808-20
 Misc : 6.45G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0B30

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_D\Method\SFAMDLM112923SMA.M
 Title : SFAM01.0

Signal : TIC: VD077958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	11	18	19	rBV	3613	6069	0.23%	0.050%
2	1.746	19	27	42	rVB	1863665	2679501	100.00%	22.036%
3	2.034	75	76	79	rBV2	1120	1136	0.04%	0.009%
4	2.081	79	84	87	rVV3	2592	4376	0.16%	0.036%
5	2.146	92	95	97	rBV2	1866	2028	0.08%	0.017%
6	2.181	100	101	104	rBV	2170	1653	0.06%	0.014%
7	2.275	111	117	124	rBV	180751	275793	10.29%	2.268%
8	2.428	138	143	148	rVB2	23061	37586	1.40%	0.309%
9	2.805	200	207	217	rVB	165636	297082	11.09%	2.443%
10	3.246	279	282	283	rBV2	1545	1193	0.04%	0.010%
11	3.305	288	292	296	rBV5	3533	7497	0.28%	0.062%
12	3.617	342	345	346	rBV3	920	1040	0.04%	0.009%
13	3.681	353	356	359	rBV2	1376	1217	0.05%	0.010%
14	3.734	361	365	366	rVB	957	1121	0.04%	0.009%
15	3.758	366	369	372	rBV3	1311	1523	0.06%	0.013%
16	3.922	385	397	408	rVV	137758	379234	14.15%	3.119%
17	4.022	408	414	423	rVB2	13090	35673	1.33%	0.293%
18	4.275	456	457	461	rVV3	1243	1170	0.04%	0.010%
19	4.446	483	486	487	rBV2	1559	1310	0.05%	0.011%
20	4.769	539	541	542	rBV	1375	1104	0.04%	0.009%
21	4.793	542	545	548	rVV4	4043	6601	0.25%	0.054%
22	4.840	552	553	555	rVV	2537	1221	0.05%	0.010%
23	4.952	571	572	575	rVB2	1140	1077	0.04%	0.009%
24	5.193	612	613	618	rBV	1120	1449	0.05%	0.012%
25	5.628	685	687	689	rBV	1476	1131	0.04%	0.009%
26	5.764	707	710	713	rBV2	1195	1736	0.06%	0.014%
27	5.852	724	725	728	rVB3	1367	1119	0.04%	0.009%
28	5.958	739	743	746	rBV3	1077	1153	0.04%	0.009%
29	5.993	746	749	751	rBV2	1675	2416	0.09%	0.020%
30	6.211	783	786	789	rBV2	988	1487	0.06%	0.012%
31	6.634	855	858	860	rBV3	1079	1087	0.04%	0.009%
32	6.663	860	863	866	rVB2	1333	1699	0.06%	0.014%
33	6.705	866	870	873	rBV2	915	1376	0.05%	0.011%
34	6.793	880	885	887	rBV2	3593	5066	0.19%	0.042%
35	6.887	900	901	904	rVB2	2145	1633	0.06%	0.013%
36	6.987	906	918	926	rBV2	34757	101047	3.77%	0.831%

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Title : SFAM01.0

37	7.210	954	956	959	rVB	1268	1165	0.04%	0.010%
38	7.246	959	962	965	rVB3	1529	1612	0.06%	0.013%
39	7.422	989	992	993	rBV2	1490	1246	0.05%	0.010%
40	7.569	1006	1017	1033	rVV2	193655	499280	18.63%	4.106%

41	7.758	1047	1049	1052	rVB	1468	1300	0.05%	0.011%
42	8.205	1114	1125	1141	rBV2	374562	1145463	42.75%	9.420%
43	8.363	1149	1152	1153	rBV	1317	1051	0.04%	0.009%
44	8.422	1160	1162	1164	rBV	994	1259	0.05%	0.010%
45	8.646	1190	1200	1204	rBV5	6788	16118	0.60%	0.133%

46	8.775	1214	1222	1232	rBV	385586	792898	29.59%	6.521%
47	8.899	1241	1243	1245	rVB2	1493	1332	0.05%	0.011%
48	8.981	1254	1257	1259	rBV3	1293	1196	0.04%	0.010%
49	9.210	1288	1296	1306	rVV	259728	538993	20.12%	4.433%
50	9.346	1314	1319	1331	rVV3	28016	59440	2.22%	0.489%

51	9.734	1384	1385	1387	rBV2	1804	1077	0.04%	0.009%
52	9.834	1400	1402	1406	rVV2	973	1045	0.04%	0.009%
53	9.981	1419	1427	1438	rVB	151625	281366	10.50%	2.314%
54	10.134	1451	1453	1456	rVB2	1411	1298	0.05%	0.011%
55	10.169	1456	1459	1461	rBV2	1465	1341	0.05%	0.011%

56	10.269	1466	1476	1491	rBV	519053	933508	34.84%	7.677%
57	10.522	1512	1519	1527	rBV	96319	176021	6.57%	1.448%
58	10.663	1536	1543	1551	rBV2	96885	176696	6.59%	1.453%
59	10.781	1562	1563	1566	rBV	1269	1059	0.04%	0.009%
60	10.875	1572	1579	1586	rBV	155595	262643	9.80%	2.160%

61	11.022	1598	1604	1614	rVB	272143	448296	16.73%	3.687%
62	11.222	1636	1638	1641	rBV3	1326	1508	0.06%	0.012%
63	11.304	1646	1652	1653	rVV	1146	1601	0.06%	0.013%
64	11.346	1657	1659	1664	rVV3	949	1731	0.06%	0.014%
65	11.404	1668	1669	1674	rVV2	1495	1569	0.06%	0.013%

66	11.469	1677	1680	1683	rVB	765	1203	0.04%	0.010%
67	11.581	1692	1699	1713	rVB	558441	954261	35.61%	7.848%
68	11.728	1722	1724	1728	rBV2	1182	1665	0.06%	0.014%
69	11.793	1728	1735	1742	rVV4	9485	21007	0.78%	0.173%
70	11.904	1749	1754	1759	rBV4	4152	7752	0.29%	0.064%

71	11.975	1763	1766	1769	rVV2	2605	2892	0.11%	0.024%
72	12.210	1802	1806	1809	rVB2	1273	1775	0.07%	0.015%
73	12.298	1814	1821	1828	rVV5	18792	31465	1.17%	0.259%
74	12.434	1840	1844	1846	rVB3	2096	2128	0.08%	0.018%
75	12.575	1862	1868	1874	rVV	86486	144245	5.38%	1.186%

76	12.651	1874	1881	1891	rVB	215656	360757	13.46%	2.967%
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 Title : SFAM01.0

77	12.998	1938	1940	1941	rBV	3182	2088	0.08%	0.017%
78	13.063	1945	1951	1952	rBV4	3711	4865	0.18%	0.040%
79	13.169	1968	1969	1970	rBV	1893	1239	0.05%	0.010%
80	13.269	1984	1986	1989	rBV3	1748	2042	0.08%	0.017%
81	13.316	1993	1994	1997	rBV2	1881	1966	0.07%	0.016%
82	13.363	1997	2002	2007	rVV4	13232	21070	0.79%	0.173%
83	13.516	2021	2028	2036	rVB	412641	686345	25.61%	5.645%
84	13.722	2061	2063	2066	rBV3	1626	1908	0.07%	0.016%
85	13.816	2068	2079	2087	rBV	339364	563212	21.02%	4.632%
86	13.981	2104	2107	2111	rBV3	2570	3294	0.12%	0.027%
87	14.045	2113	2118	2126	rVV	45530	73266	2.73%	0.603%
88	14.169	2136	2139	2140	rBV2	1321	1175	0.04%	0.010%
89	14.298	2156	2161	2167	rBV4	11524	17269	0.64%	0.142%
90	14.469	2187	2190	2192	rBV3	1548	2071	0.08%	0.017%
91	14.575	2206	2208	2211	rVB3	1302	1060	0.04%	0.009%
92	14.798	2243	2246	2247	rBV3	1034	1053	0.04%	0.009%
93	14.922	2263	2267	2274	rVB5	3597	5980	0.22%	0.049%
94	15.151	2304	2306	2307	rBV	2447	1701	0.06%	0.014%
95	15.481	2358	2362	2367	rVB5	4305	8102	0.30%	0.067%
96	15.934	2437	2439	2440	rBV2	1915	1734	0.06%	0.014%
97	16.357	2509	2511	2514	rVB2	2459	2172	0.08%	0.018%
98	16.386	2514	2516	2519	rBV2	1070	1172	0.04%	0.010%
99	16.416	2519	2521	2523	rBV3	1377	1228	0.05%	0.010%
100	16.551	2542	2544	2548	rVB3	2180	2539	0.09%	0.021%

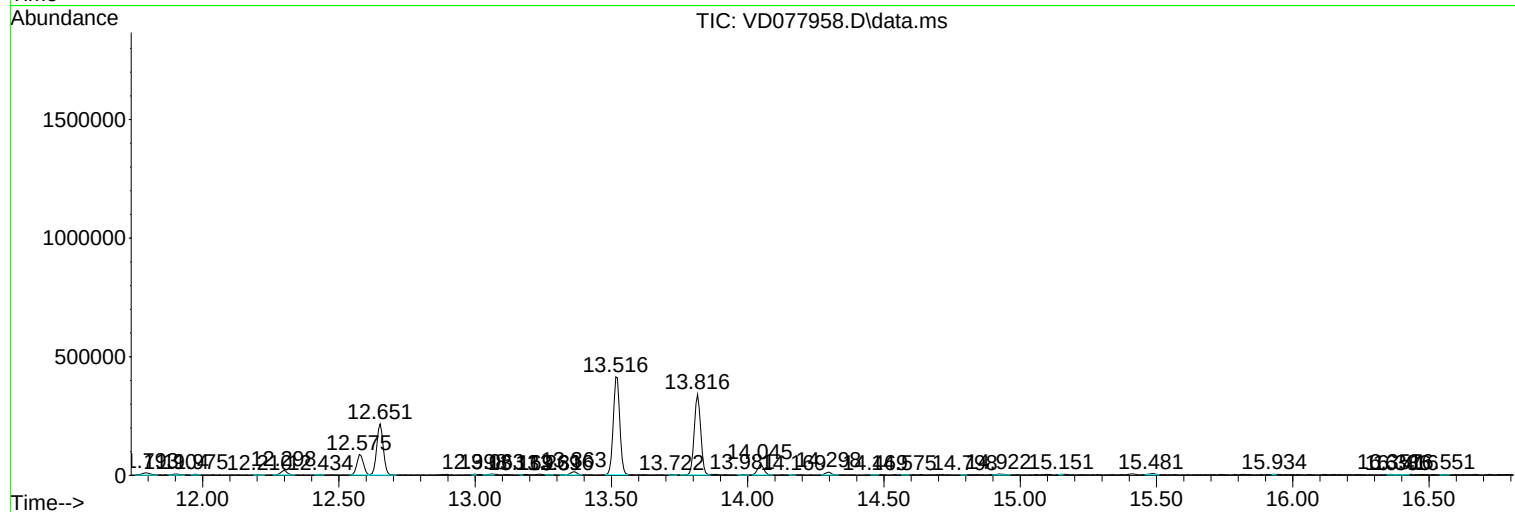
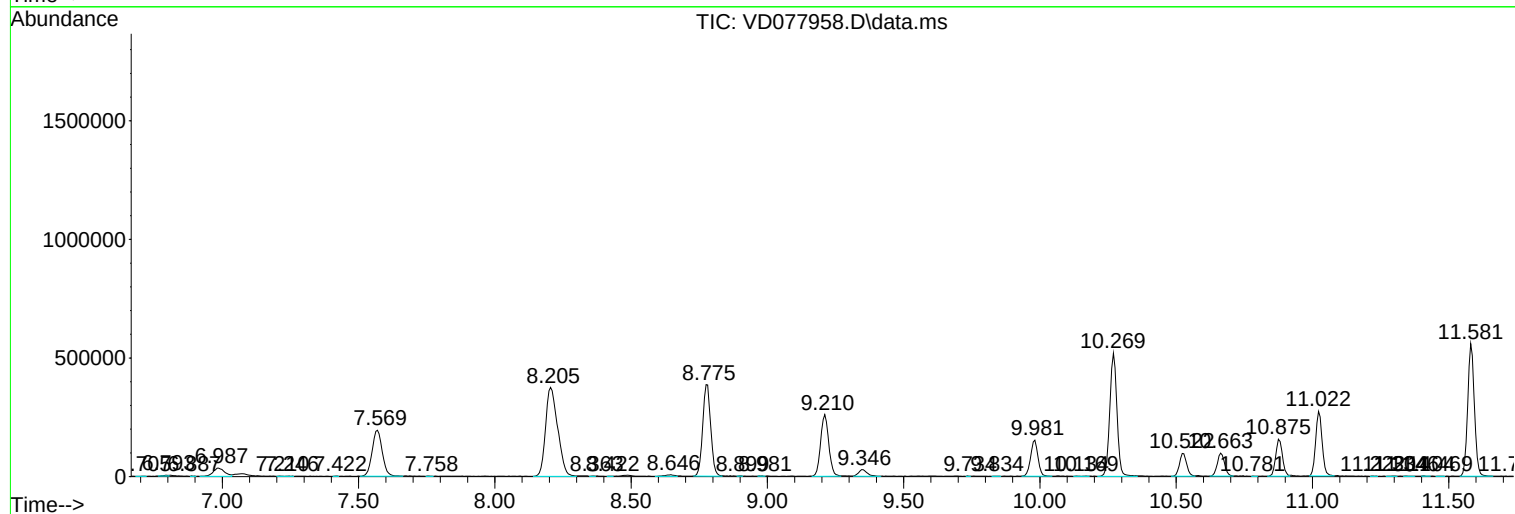
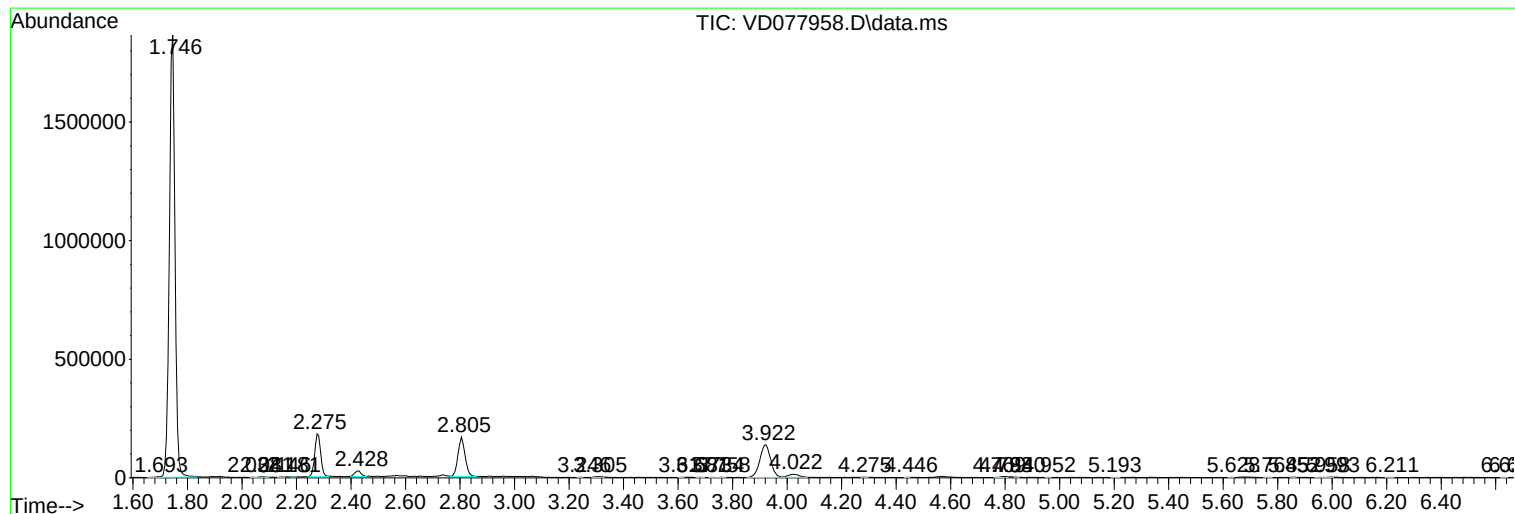
Sum of corrected areas: 12159417

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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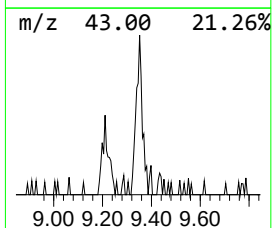
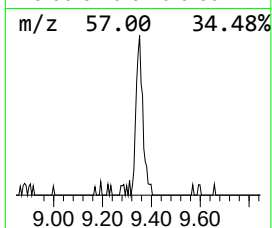
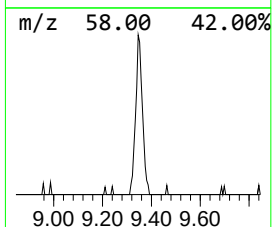
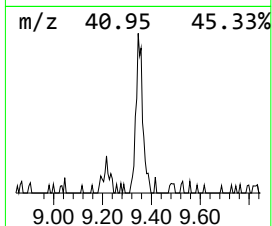
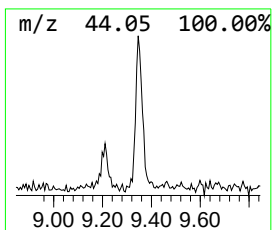
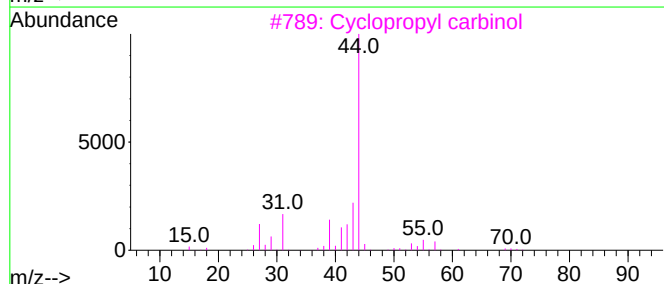
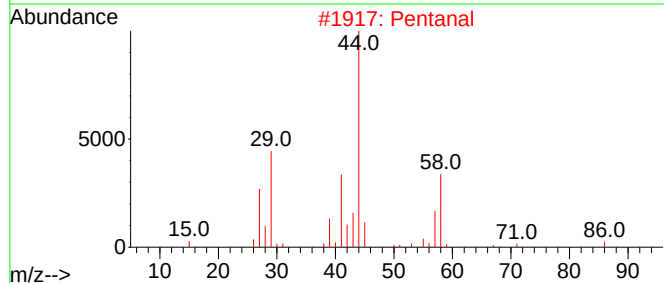
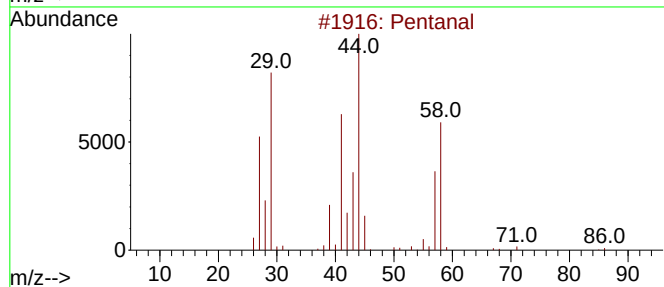
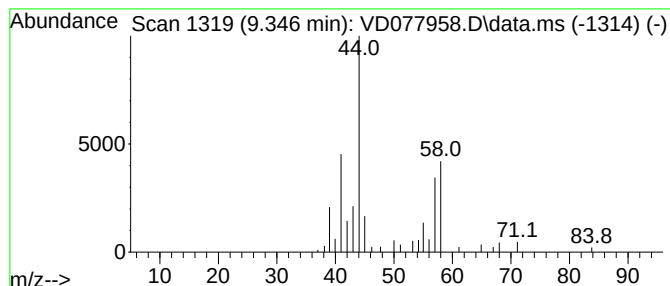
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	1.87 ug/L	59440	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	56
2	Pentanal			86	C5H10O	000110-62-3	9
3	Cyclopropyl carbinol			72	C4H8O	002516-33-8	9
4	Succindialdehyde			86	C4H6O2	000638-37-9	9
5	Cyclopropyl carbinol			72	C4H8O	002516-33-8	9



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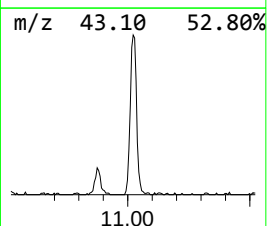
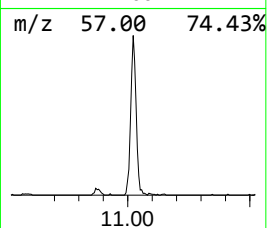
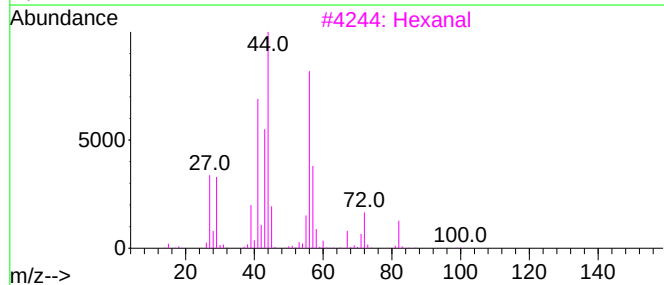
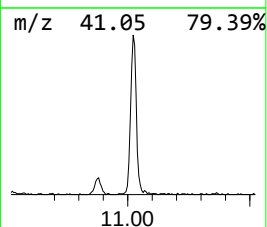
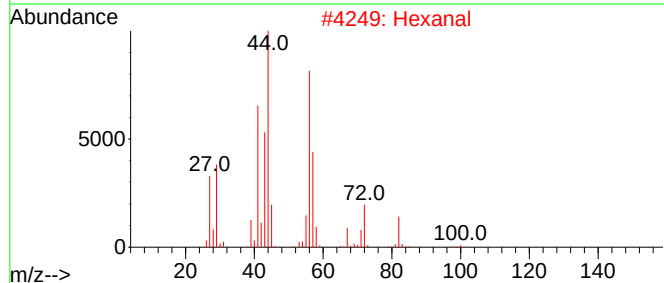
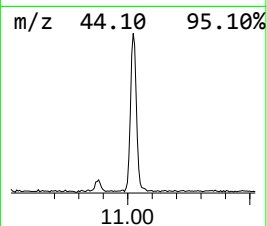
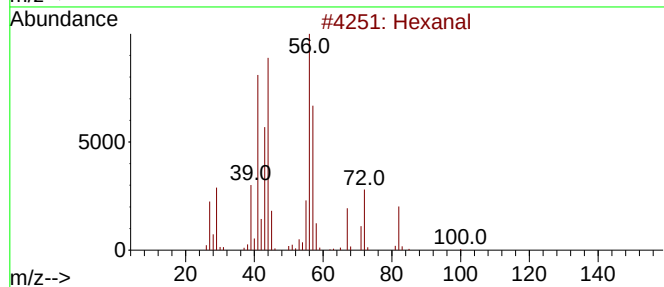
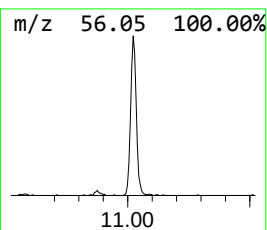
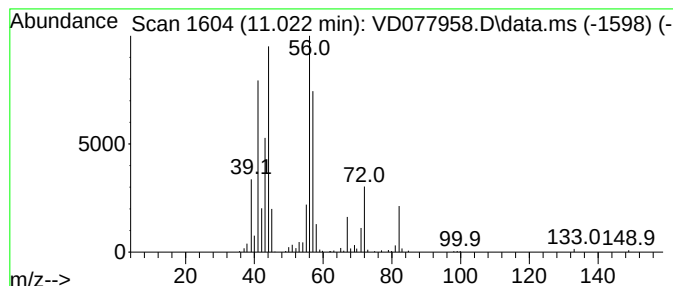
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	11.74 ug/L	448296	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	97
2	Hexanal			100	C6H12O	000066-25-1	91
3	Hexanal			100	C6H12O	000066-25-1	90
4	Hexanal			100	C6H12O	000066-25-1	78
5	Hexanal			100	C6H12O	000066-25-1	72



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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
Pentanal	9.346	1.9	ug/L	59440	1	8.781	792898	25.0
Hexanal	11.022	11.7	ug/L	448296	2	11.581	954261	25.0