

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030070.D
 Acq On : 28 Aug 2024 12:45
 Operator : SY/MD
 Sample : P3721-07
 Misc : 6.16g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ0

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\SFAMWLM082624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030070.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	72	79	96	rBV	39610	108594	14.79%	1.836%
2	2.899	159	166	181	rVB	28863	86960	11.85%	1.470%
3	3.308	230	233	235	rVB2	477	589	0.08%	0.010%
4	3.399	240	248	261	rVB	4141	10837	1.48%	0.183%
5	3.484	261	262	263	rBV	276	170	0.02%	0.003%
6	3.661	289	291	294	rVB3	259	259	0.04%	0.004%
7	3.704	296	298	300	rBV2	287	263	0.04%	0.004%
8	3.899	327	330	334	rBV	181	269	0.04%	0.005%
9	4.021	337	350	360	rBV2	74260	256212	34.91%	4.331%
10	4.466	420	423	425	rBV2	173	172	0.02%	0.003%
11	4.533	432	434	438	rVB2	220	217	0.03%	0.004%
12	4.606	443	446	448	rBV	244	224	0.03%	0.004%
13	4.685	456	459	460	rVB2	495	445	0.06%	0.008%
14	4.929	487	499	506	rBV4	4500	17077	2.33%	0.289%
15	5.161	530	537	539	rBV4	481	842	0.11%	0.014%
16	5.374	570	572	578	rVB2	156	192	0.03%	0.003%
17	5.764	633	636	637	rBV	228	218	0.03%	0.004%
18	5.935	657	664	666	rBV	2590	4792	0.65%	0.081%
19	6.411	737	742	743	rBV2	333	428	0.06%	0.007%
20	6.459	748	750	751	rVV	320	180	0.02%	0.003%
21	6.502	755	757	761	rVB2	220	199	0.03%	0.003%
22	6.904	816	823	833	rBV4	2513	7340	1.00%	0.124%
23	7.075	842	851	868	rBV	21912	68835	9.38%	1.164%
24	7.319	890	891	895	rVB	168	190	0.03%	0.003%
25	7.551	925	929	931	rVV3	190	180	0.02%	0.003%
26	7.648	934	945	959	rVV	121581	306132	41.71%	5.175%
27	7.764	963	964	967	rVV	271	286	0.04%	0.005%
28	7.935	988	992	994	rBV2	196	261	0.04%	0.004%
29	8.093	1014	1018	1021	rVB	204	247	0.03%	0.004%
30	8.276	1038	1048	1065	rBV2	250437	734025	100.00%	12.408%
31	8.508	1082	1086	1088	rBV3	588	784	0.11%	0.013%
32	8.709	1111	1119	1128	rBV2	6479	15337	2.09%	0.259%
33	8.843	1132	1141	1153	rBV	302989	593064	80.80%	10.026%
34	8.977	1161	1163	1166	rVB2	279	226	0.03%	0.004%
35	9.050	1166	1175	1177	rBV4	1462	2582	0.35%	0.044%
36	9.270	1201	1211	1224	rBV	165441	347906	47.40%	5.881%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Title : SFAM01.0

37	9.410	1227	1234	1248	rVB	23931	48194	6.57%	0.815%
38	9.550	1253	1257	1259	rBV2	354	438	0.06%	0.007%
39	9.623	1267	1269	1272	rBV2	256	247	0.03%	0.004%
40	9.672	1272	1277	1284	rVV6	572	1452	0.20%	0.025%
41	9.794	1294	1297	1300	rBV2	249	245	0.03%	0.004%
42	9.843	1304	1305	1309	rVB2	251	218	0.03%	0.004%
43	9.898	1309	1314	1318	rBV2	255	513	0.07%	0.009%
44	9.965	1323	1325	1327	rBV2	195	183	0.02%	0.003%
45	10.032	1327	1336	1350	rBV	87854	159358	21.71%	2.694%
46	10.129	1350	1352	1354	rBV	416	363	0.05%	0.006%
47	10.215	1363	1366	1369	rVB3	310	285	0.04%	0.005%
48	10.325	1372	1384	1392	rBV	332511	596143	81.22%	10.078%
49	10.501	1408	1413	1416	rBV4	1254	1722	0.23%	0.029%
50	10.575	1418	1425	1433	rBV	56106	98104	13.37%	1.658%
51	10.696	1440	1445	1449	rBV2	4935	8209	1.12%	0.139%
52	10.922	1475	1482	1498	rBV	94298	166414	22.67%	2.813%
53	11.068	1499	1506	1517	rBV	187549	305531	41.62%	5.165%
54	11.263	1536	1538	1541	rBV3	400	493	0.07%	0.008%
55	11.330	1547	1549	1552	rBV2	269	217	0.03%	0.004%
56	11.404	1558	1561	1564	rBV2	367	416	0.06%	0.007%
57	11.459	1568	1570	1572	rBV	269	305	0.04%	0.005%
58	11.562	1583	1587	1591	rBV3	657	1058	0.14%	0.018%
59	11.629	1591	1598	1607	rVV	401371	660483	89.98%	11.165%
60	11.806	1623	1627	1628	rBV2	332	388	0.05%	0.007%
61	11.836	1628	1632	1643	rVV4	4765	11063	1.51%	0.187%
62	12.013	1656	1661	1670	rBV	16011	26686	3.64%	0.451%
63	12.233	1694	1697	1705	rVB4	1237	2439	0.33%	0.041%
64	12.336	1709	1714	1724	rBV4	5388	10036	1.37%	0.170%
65	12.464	1731	1735	1738	rBV2	3791	6070	0.83%	0.103%
66	12.507	1739	1742	1749	rVB2	3420	5686	0.77%	0.096%
67	12.599	1752	1757	1763	rVB	4437	7354	1.00%	0.124%
68	12.690	1764	1772	1781	rBV	127332	209859	28.59%	3.548%
69	12.940	1802	1813	1818	rBV6	1208	3758	0.51%	0.064%
70	13.031	1825	1828	1833	rVV	2049	2927	0.40%	0.049%
71	13.098	1833	1839	1843	rBV6	2013	4426	0.60%	0.075%
72	13.147	1843	1847	1853	rVB3	6598	10690	1.46%	0.181%
73	13.208	1853	1857	1863	rBV2	3671	5276	0.72%	0.089%
74	13.269	1864	1867	1876	rVB8	2532	5461	0.74%	0.092%
75	13.330	1876	1877	1880	rVB2	374	370	0.05%	0.006%
76	13.391	1880	1887	1893	rBV3	6539	11770	1.60%	0.199%

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 Title : SFAM01.0

77	13.464	1893	1899	1907	rBV6	4257	8967	1.22%	0.152%
78	13.556	1907	1914	1921	rBV	306882	498595	67.93%	8.429%
79	13.848	1955	1962	1974	rBV	210245	350405	47.74%	5.923%
80	14.013	1983	1989	1992	rBV4	4166	8065	1.10%	0.136%
81	14.068	1993	1998	2015	rVB8	11402	37755	5.14%	0.638%
82	14.318	2033	2039	2045	rBV5	7300	12881	1.75%	0.218%
83	14.476	2053	2065	2076	rBV9	7786	29360	4.00%	0.496%
84	14.623	2085	2089	2092	rBV3	819	1397	0.19%	0.024%
85	14.690	2093	2100	2103	rBV5	2122	4849	0.66%	0.082%
86	14.763	2108	2112	2113	rBV2	518	583	0.08%	0.010%
87	14.787	2113	2116	2123	rBV6	2071	5104	0.70%	0.086%
88	15.171	2178	2179	2181	rBV2	591	617	0.08%	0.010%
89	15.360	2208	2210	2212	rBV	575	412	0.06%	0.007%
90	15.610	2249	2251	2253	rBV	205	171	0.02%	0.003%
91	15.769	2272	2277	2278	rBV4	427	639	0.09%	0.011%
92	15.787	2278	2280	2282	rVV3	495	464	0.06%	0.008%
93	15.848	2284	2290	2296	rVB3	5369	9660	1.32%	0.163%
94	15.958	2303	2308	2312	rBV4	1400	2564	0.35%	0.043%
95	16.067	2324	2326	2329	rVB3	258	209	0.03%	0.004%
96	16.098	2329	2331	2332	rBV2	276	170	0.02%	0.003%
97	16.153	2337	2340	2344	rVB3	458	602	0.08%	0.010%
98	16.281	2360	2361	2363	rBV	323	195	0.03%	0.003%
99	16.409	2380	2382	2383	rVB2	400	229	0.03%	0.004%
100	16.555	2403	2406	2407	rBV2	277	243	0.03%	0.004%

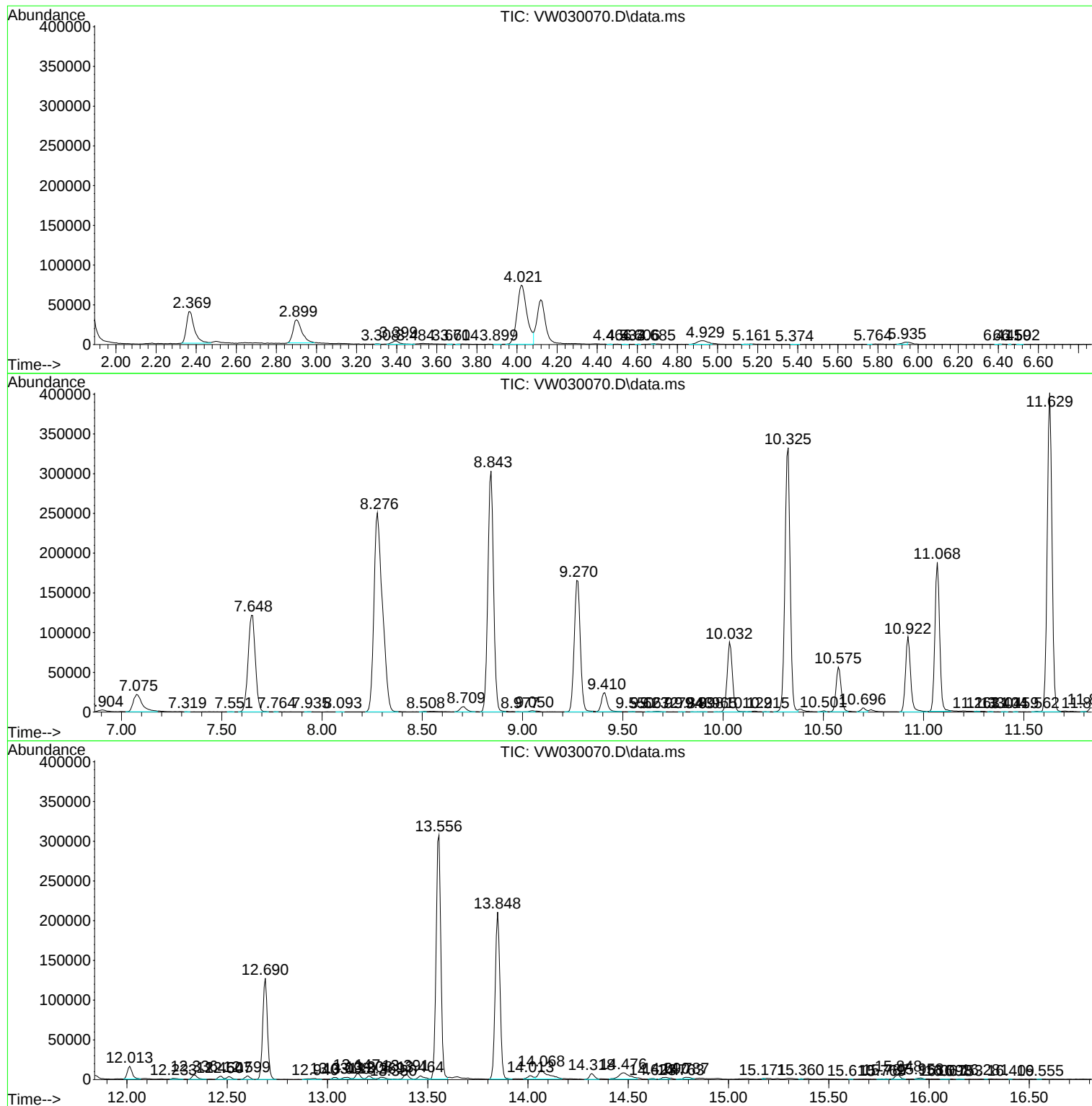
Sum of corrected areas: 5915520

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.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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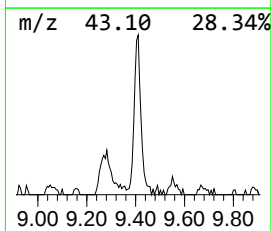
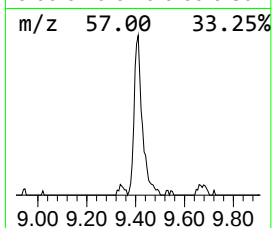
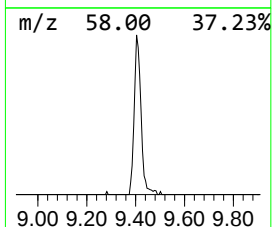
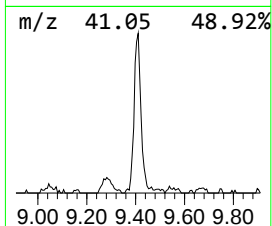
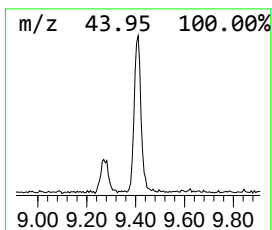
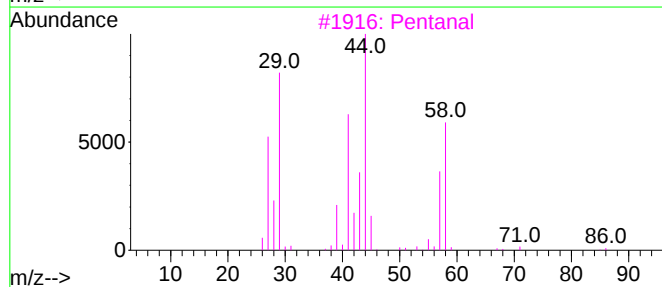
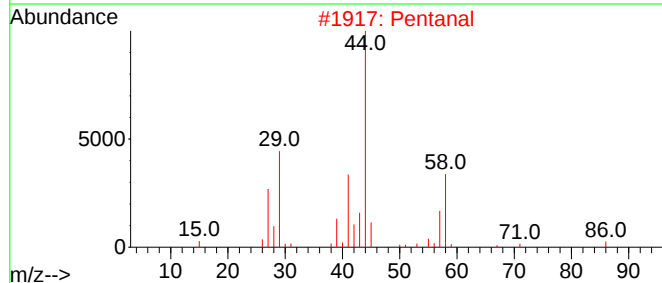
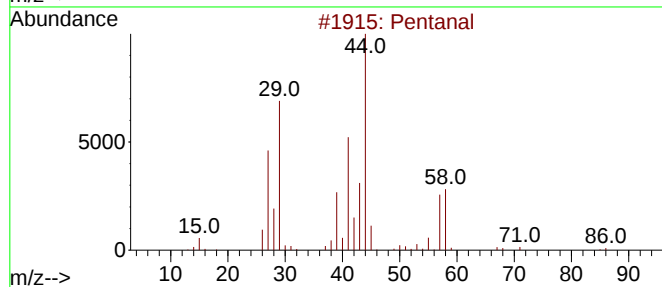
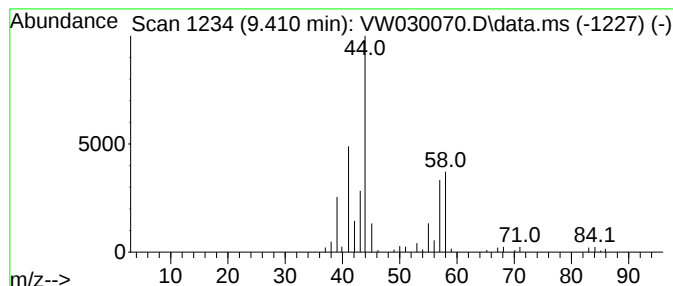
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	2.03 ug/L	48194	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	87
2	Pentanal			86	C5H10O	000110-62-3	83
3	Pentanal			86	C5H10O	000110-62-3	78
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64



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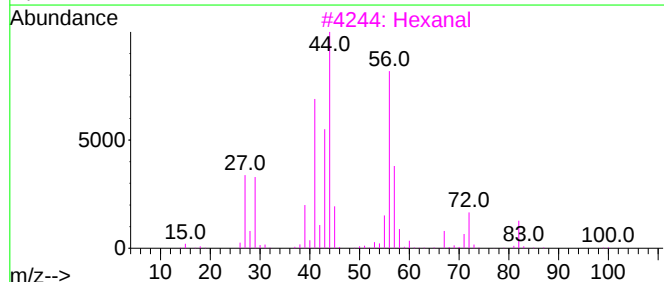
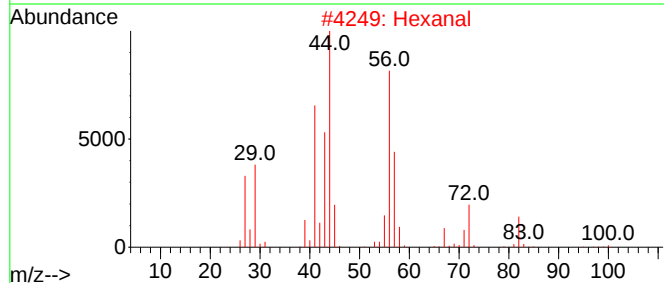
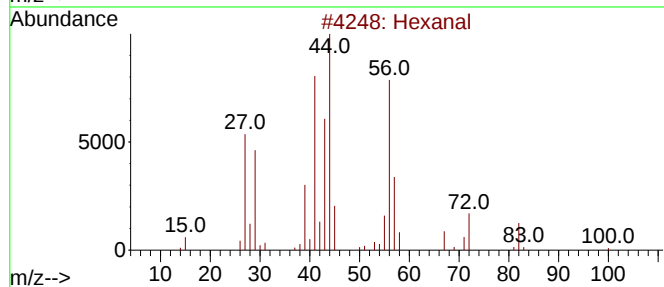
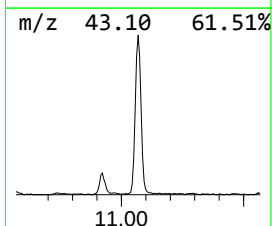
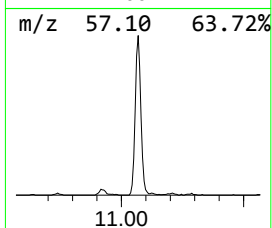
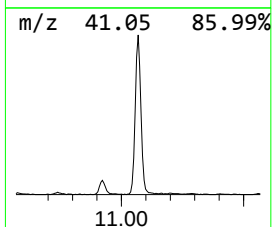
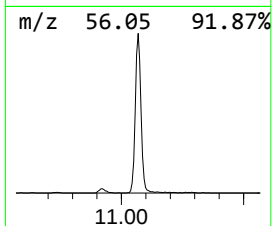
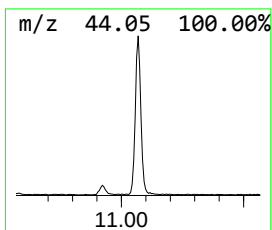
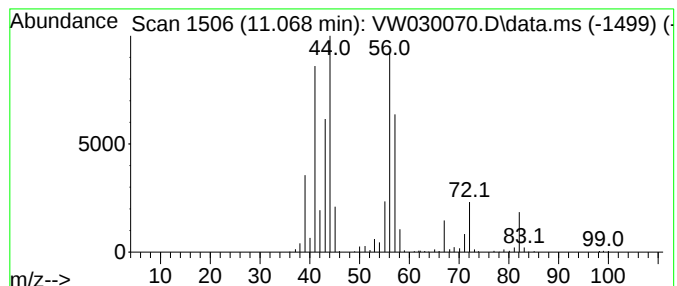
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	11.56 ug/L	305531	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	90
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	87
4	Hexanal			100	C6H12O	000066-25-1	78
5	Hexanal			100	C6H12O	000066-25-1	76



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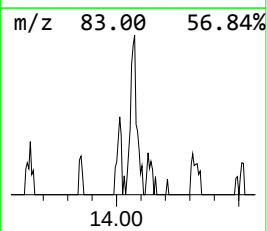
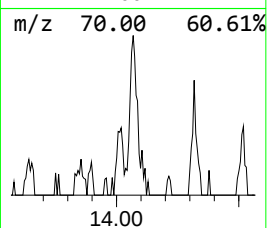
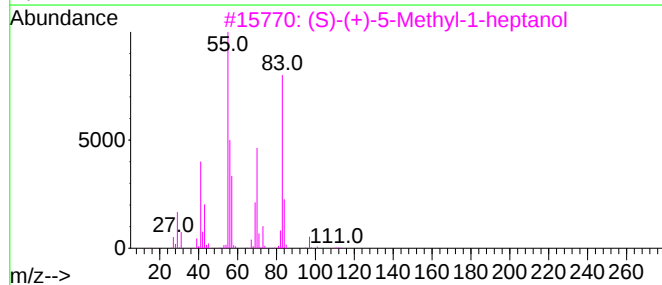
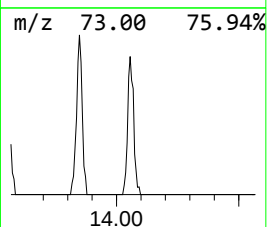
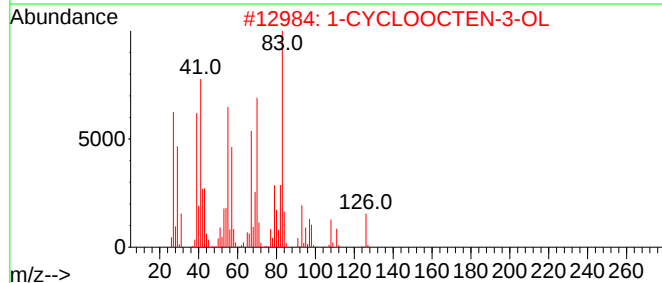
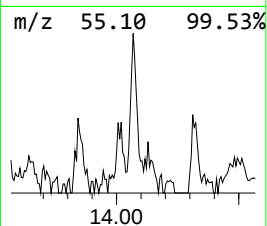
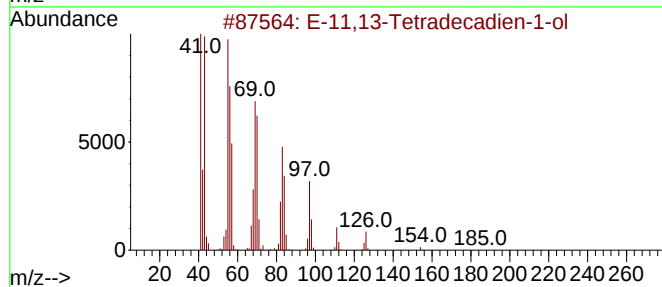
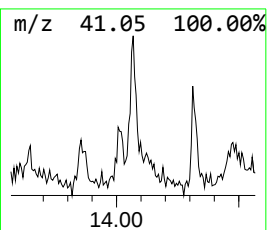
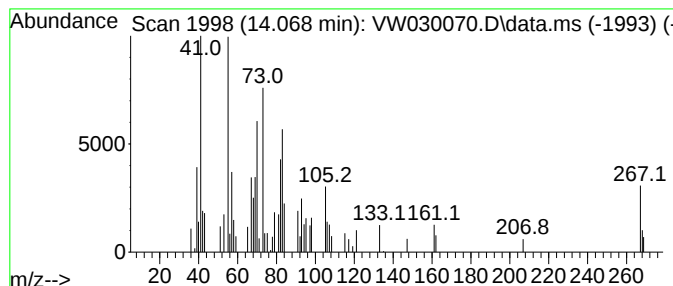
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	1.89 ug/L	37755	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	35		
2	1-CYCLOOCTEN-3-OL	126	C8H14O	003212-75-7	35		
3	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	27		
4	Cyclodecane	140	C10H20	000293-96-9	27		
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	27		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030070.D
Acq On : 28 Aug 2024 12:45
Operator : SY/MD
Sample : P3721-07
Misc : 6.16g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

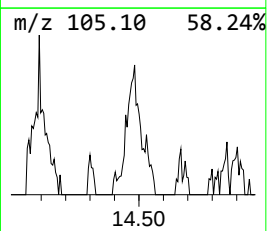
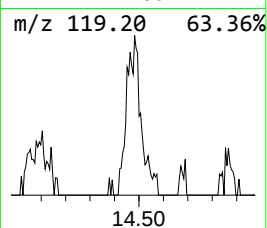
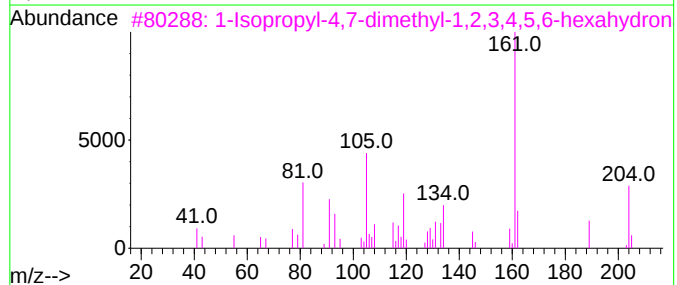
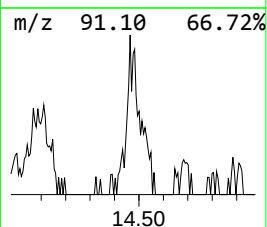
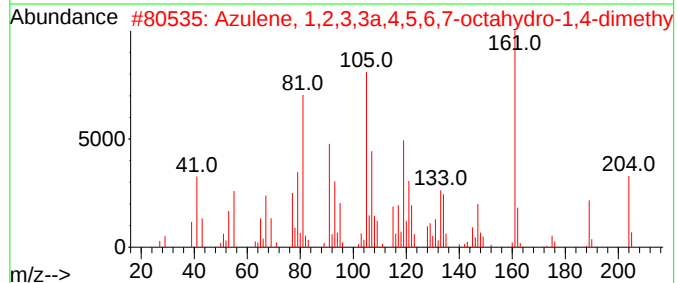
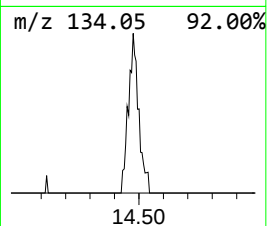
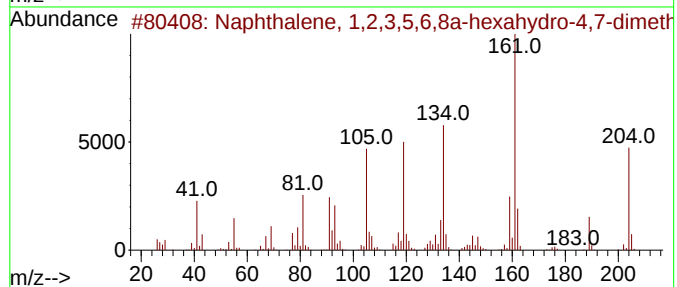
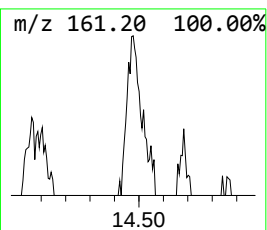
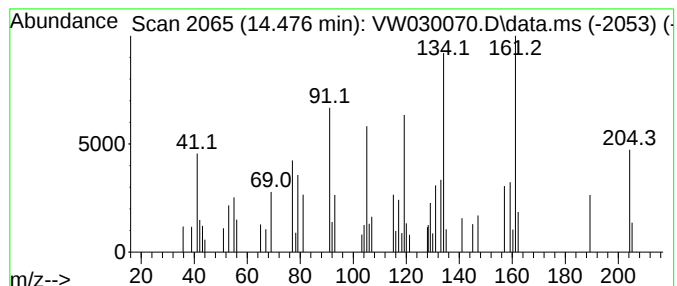
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.476	1.47 ug/L	29360	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	95
2			Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	83
3			1-Isopropyl-4,7-dimethyl-1,2,3,4...	204	C15H24	016729-00-3	83
4			1-Isopropyl-4,7-dimethyl-1,2,3,5...	204	C15H24	016729-01-4	78
5			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
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MSVOA_W
ClientSampleId :
DCXZ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
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	9.410	2.0	ug/L	48194	1	8.843	593064	25.0
Hexanal	11.068	11.6	ug/L	305531	2	11.629	660483	25.0
unknown-01	14.068	1.9	ug/L	37755	3	13.556	498595	25.0
Naphthalene, 1,...	14.476	1.5	ug/L	29360	3	13.556	498595	25.0