

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031644.D
 Acq On : 29 Jan 2025 16:20
 Operator : SY/MD
 Sample : Q1189-06
 Misc : 14.13g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44Q9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031644.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	40	46	47	rBV2	3886	6823	0.26%	0.032%
2	2.363	71	78	96	rBV	88705	287676	11.04%	1.366%
3	2.893	158	165	181	rVB	85267	260271	9.99%	1.236%
4	3.302	230	232	235	rVB4	1835	1637	0.06%	0.008%
5	3.332	235	237	239	rBV3	726	841	0.03%	0.004%
6	3.381	239	245	253	rVB3	5537	12939	0.50%	0.061%
7	3.564	274	275	278	rBV	628	553	0.02%	0.003%
8	3.619	281	284	286	rVB4	794	771	0.03%	0.004%
9	3.643	286	288	290	rBV3	1029	920	0.04%	0.004%
10	3.832	317	319	321	rBV2	730	544	0.02%	0.003%
11	3.899	328	330	332	rBV2	663	679	0.03%	0.003%
12	4.015	337	349	363	rBV	209003	783362	30.07%	3.719%
13	4.137	363	369	385	rVB	85116	270930	10.40%	1.286%
14	4.679	455	458	460	rVB4	744	827	0.03%	0.004%
15	4.856	484	487	490	rBV3	323	597	0.02%	0.003%
16	4.917	490	497	498	rBV6	1552	3382	0.13%	0.016%
17	5.124	524	531	532	rVV3	879	1620	0.06%	0.008%
18	5.265	553	554	560	rVB5	1138	1346	0.05%	0.006%
19	5.307	560	561	564	rVB2	563	571	0.02%	0.003%
20	5.393	572	575	576	rBV2	530	571	0.02%	0.003%
21	5.429	578	581	587	rVB5	842	1490	0.06%	0.007%
22	5.789	632	640	649	rVB4	4007	11237	0.43%	0.053%
23	5.923	658	662	664	rBV3	1254	1891	0.07%	0.009%
24	6.118	686	694	696	rBV4	2074	4750	0.18%	0.023%
25	6.606	770	774	779	rBV4	522	1147	0.04%	0.005%
26	6.905	814	823	829	rBV4	6262	19297	0.74%	0.092%
27	6.996	833	838	839	rVV3	2990	4900	0.19%	0.023%
28	7.081	842	852	881	rVB	115447	389731	14.96%	1.850%
29	7.520	920	924	925	rBV3	727	1046	0.04%	0.005%
30	7.545	927	928	934	rVB4	694	1006	0.04%	0.005%
31	7.642	934	944	957	rBV	426173	1040078	39.93%	4.938%
32	7.819	972	973	976	rVB3	770	640	0.02%	0.003%
33	7.886	982	984	987	rVB4	573	622	0.02%	0.003%
34	7.929	987	991	993	rBV5	756	983	0.04%	0.005%
35	8.173	1029	1031	1035	rVB2	504	557	0.02%	0.003%
36	8.270	1037	1047	1067	rBV2	873158	2604949	100.00%	12.368%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

37	8.502	1081	1085	1086	rBV4	671	971	0.04%	0.005%
38	8.551	1088	1093	1098	rVV4	3171	6167	0.24%	0.029%
39	8.703	1111	1118	1127	rBV	11476	26892	1.03%	0.128%
40	8.837	1131	1140	1157	rVV	1099757	2139957	82.15%	10.160%
41	9.026	1168	1171	1174	rBV3	527	747	0.03%	0.004%
42	9.075	1174	1179	1185	rVB6	1889	3163	0.12%	0.015%
43	9.130	1185	1188	1189	rBV3	645	590	0.02%	0.003%
44	9.270	1201	1211	1223	rBV	613898	1231202	47.26%	5.845%
45	9.404	1227	1233	1247	rVB	50206	102008	3.92%	0.484%
46	9.544	1254	1256	1264	rVB6	1520	2996	0.12%	0.014%
47	9.666	1268	1276	1279	rBV6	3412	7598	0.29%	0.036%
48	10.032	1326	1336	1347	rBV	331013	595514	22.86%	2.827%
49	10.123	1349	1351	1360	rVB5	2274	4209	0.16%	0.020%
50	10.209	1363	1365	1370	rVB5	1387	2162	0.08%	0.010%
51	10.319	1372	1383	1399	rBV	1137827	1986318	76.25%	9.430%
52	10.501	1407	1413	1418	rBV8	1810	4503	0.17%	0.021%
53	10.575	1418	1425	1432	rBV	207633	360914	13.85%	1.714%
54	10.703	1440	1446	1451	rVB3	15365	27351	1.05%	0.130%
55	10.818	1463	1465	1468	rBV3	671	833	0.03%	0.004%
56	10.922	1474	1482	1493	rBV	417782	729620	28.01%	3.464%
57	11.020	1493	1498	1500	rVV	31199	47048	1.81%	0.223%
58	11.068	1500	1506	1520	rVB	427516	734134	28.18%	3.485%
59	11.520	1575	1580	1582	rBV3	380	558	0.02%	0.003%
60	11.574	1582	1589	1590	rBV5	1007	1869	0.07%	0.009%
61	11.623	1590	1597	1609	rBV	1278530	2190758	84.10%	10.401%
62	11.946	1644	1650	1656	rVB8	3377	6671	0.26%	0.032%
63	12.026	1659	1663	1666	rBV4	967	1447	0.06%	0.007%
64	12.160	1684	1685	1688	rBV2	1473	1445	0.06%	0.007%
65	12.190	1688	1690	1693	rVB4	929	918	0.04%	0.004%
66	12.233	1695	1697	1703	rVB5	1265	2315	0.09%	0.011%
67	12.336	1708	1714	1727	rBV3	20347	48316	1.85%	0.229%
68	12.465	1727	1735	1747	rBV	318107	539334	20.70%	2.561%
69	12.599	1752	1757	1764	rVB	11438	17410	0.67%	0.083%
70	12.684	1764	1771	1783	rBV	522444	961898	36.93%	4.567%
71	12.885	1798	1804	1809	rBV	18402	35078	1.35%	0.167%
72	13.019	1819	1826	1834	rBV	91666	154334	5.92%	0.733%
73	13.099	1834	1839	1842	rBV3	6949	11049	0.42%	0.052%
74	13.147	1842	1847	1853	rBV2	61500	104034	3.99%	0.494%
75	13.349	1878	1880	1882	rBV3	1619	1670	0.06%	0.008%
76	13.391	1882	1887	1893	rVV2	24148	41776	1.60%	0.198%

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77	13.464	1893	1899	1906	rVV2	68614	113604	4.36%	0.539%
78	13.550	1906	1913	1922	rVV	937830	1510481	57.99%	7.171%
79	13.641	1924	1928	1936	rVB	13354	21794	0.84%	0.103%
80	13.848	1954	1962	1975	rBV	650889	1084184	41.62%	5.147%
81	13.958	1978	1980	1981	rBV	943	816	0.03%	0.004%
82	13.995	1981	1986	1992	rBV7	6695	11799	0.45%	0.056%
83	14.062	1992	1997	2005	rBV3	15761	30756	1.18%	0.146%
84	14.281	2031	2033	2034	rBV2	582	597	0.02%	0.003%
85	14.318	2034	2039	2051	rVV3	18817	34676	1.33%	0.165%
86	14.617	2083	2088	2093	rBV6	2485	5098	0.20%	0.024%
87	14.684	2093	2099	2109	rVV5	10000	21639	0.83%	0.103%
88	14.818	2119	2121	2123	rVV3	770	615	0.02%	0.003%
89	15.019	2150	2154	2155	rBV3	2028	2492	0.10%	0.012%
90	15.056	2157	2160	2167	rVB4	8034	15202	0.58%	0.072%
91	15.245	2186	2191	2200	rVB2	24791	44830	1.72%	0.213%
92	15.354	2206	2209	2213	rBV5	1919	2759	0.11%	0.013%
93	15.537	2235	2239	2247	rVB5	6016	10748	0.41%	0.051%
94	15.751	2272	2274	2279	rBV4	1185	2183	0.08%	0.010%
95	15.793	2279	2281	2282	rVB2	862	579	0.02%	0.003%
96	15.848	2282	2290	2292	rBV8	3828	8089	0.31%	0.038%
97	15.921	2300	2302	2303	rVB2	921	535	0.02%	0.003%
98	15.940	2303	2305	2307	rBV3	1682	1804	0.07%	0.009%
99	16.086	2321	2329	2346	rBV	143290	279658	10.74%	1.328%
100	16.519	2398	2400	2401	rBV2	1135	951	0.04%	0.005%

Sum of corrected areas: 21062850

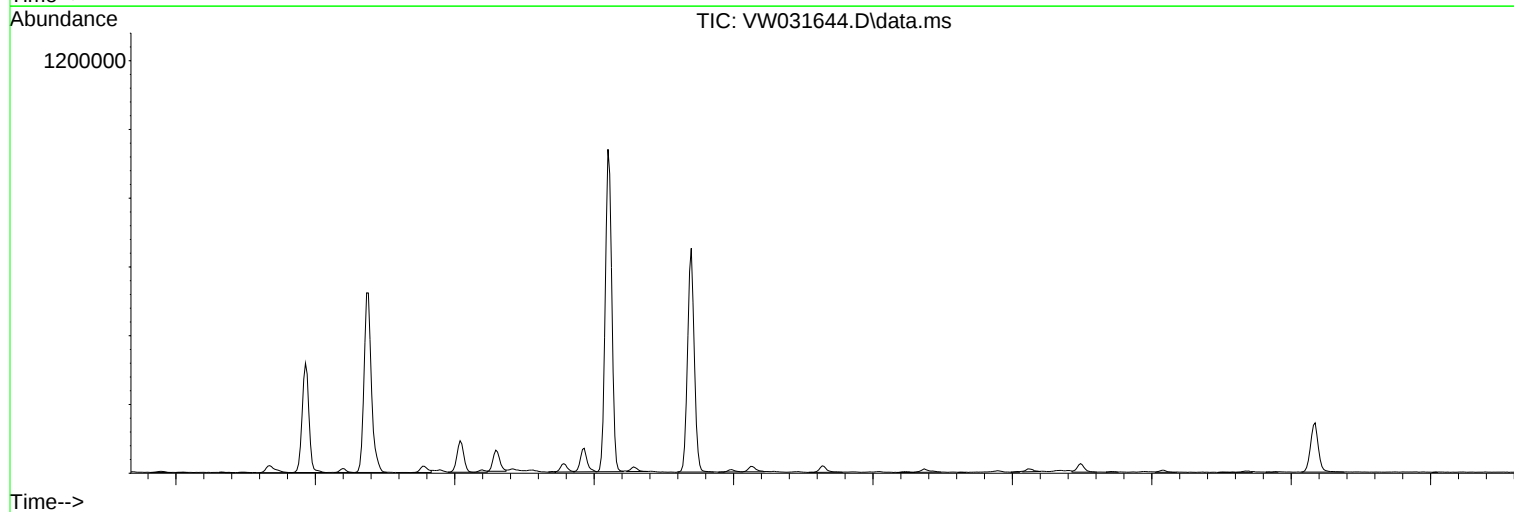
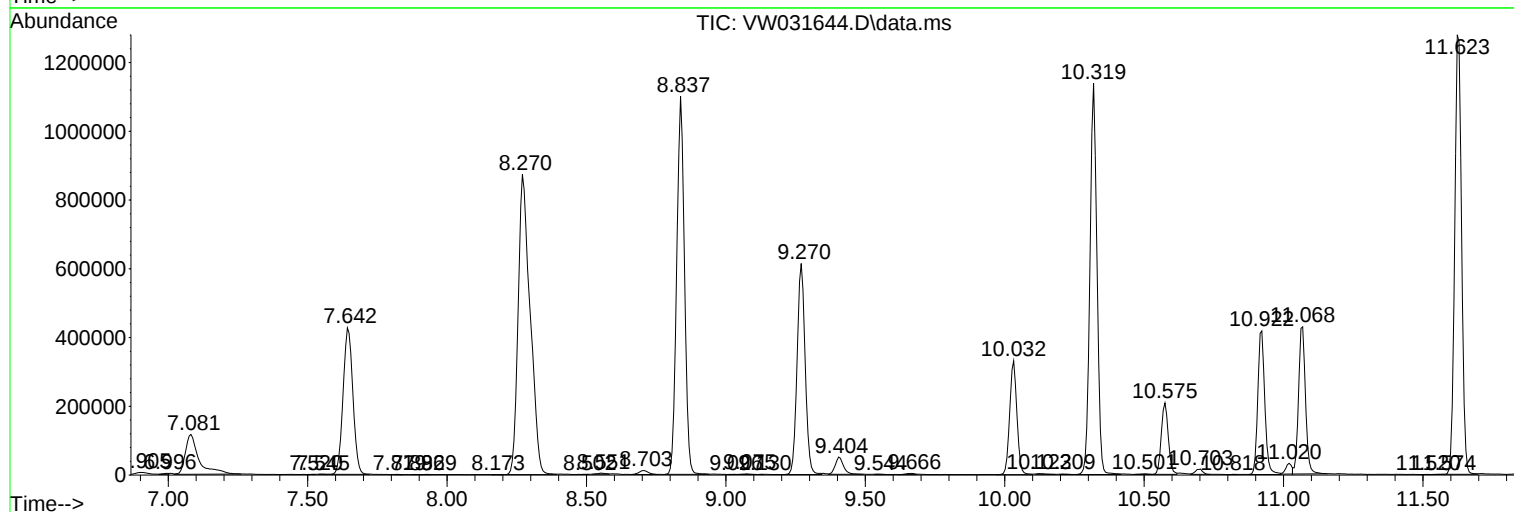
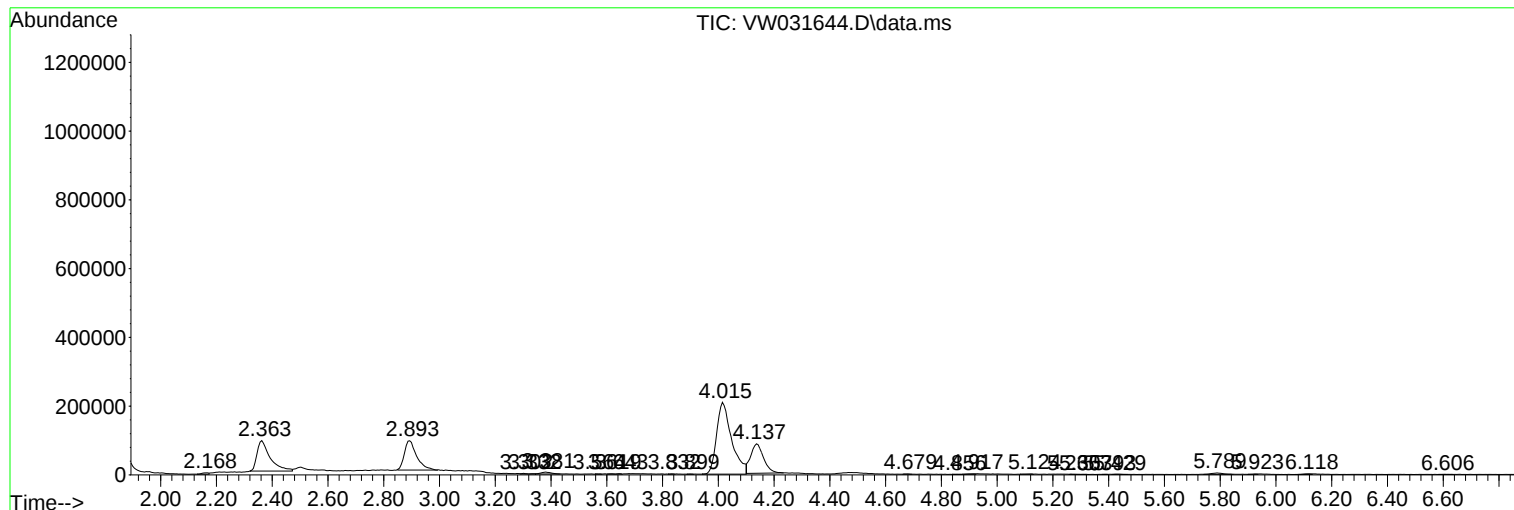
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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Quant Title : SFAM01.0

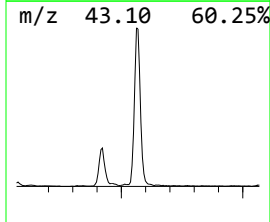
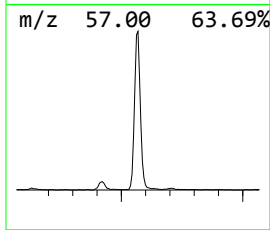
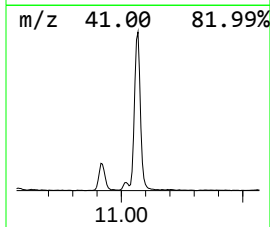
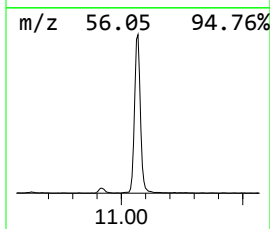
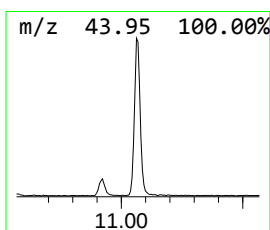
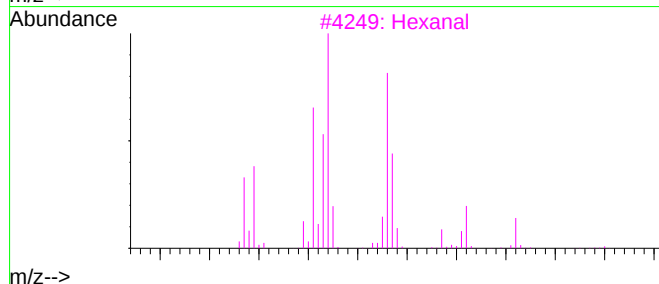
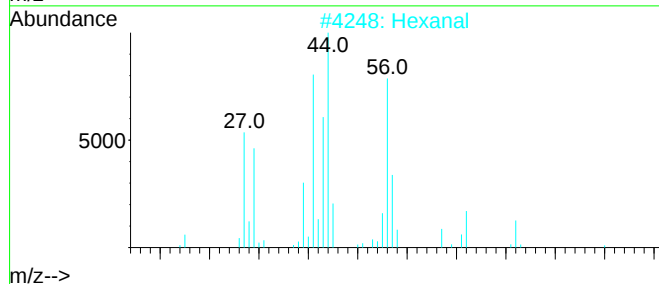
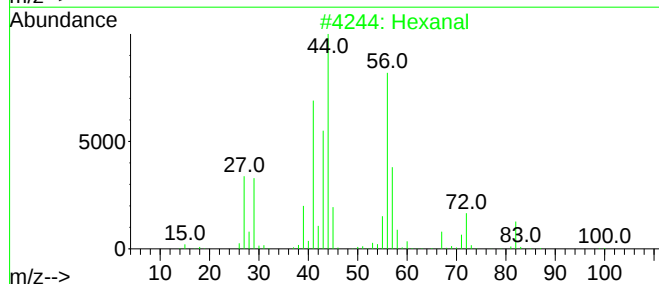
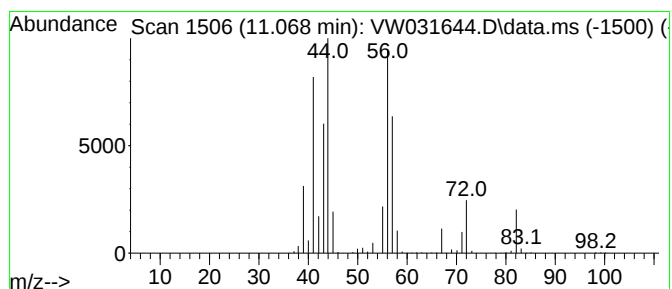
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	8.38 ug/L	734134	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Hexanal	100	C6H12O	000066-25-1	91
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	49



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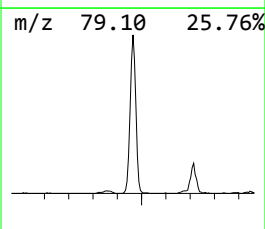
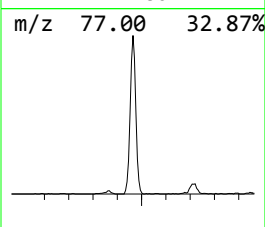
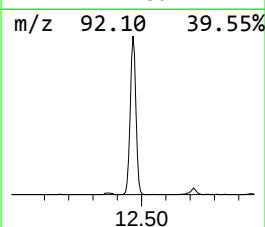
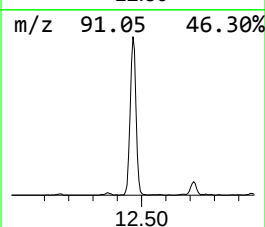
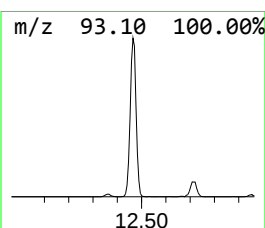
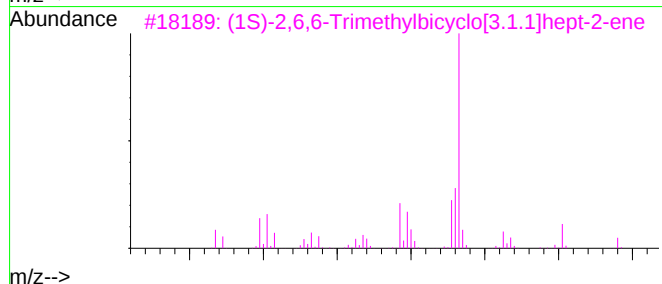
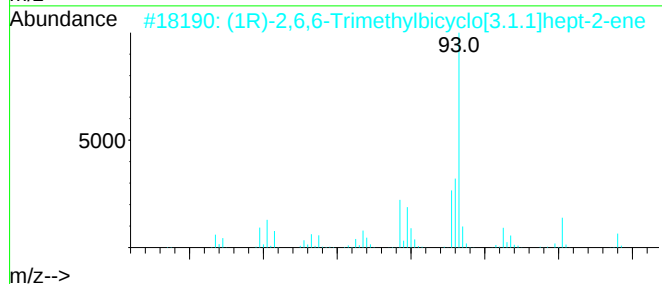
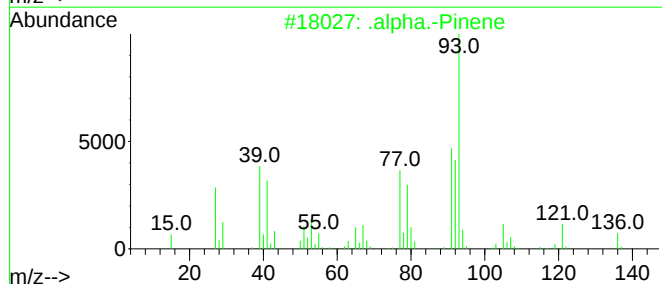
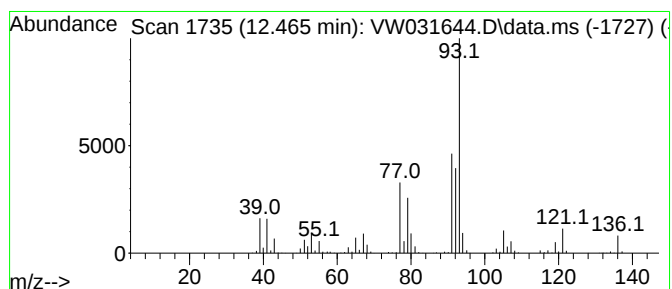
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.464	6.15 ug/L	539334	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	90
3	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	90
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	.gamma.-Terpinene	136	C10H16	000099-85-4	87



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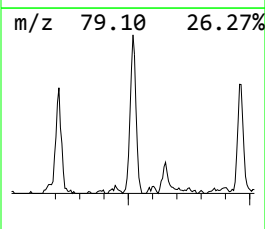
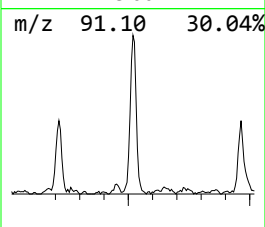
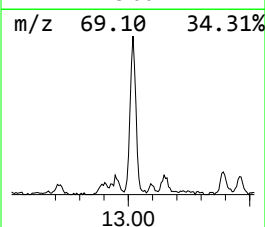
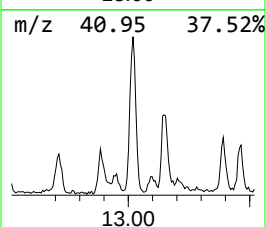
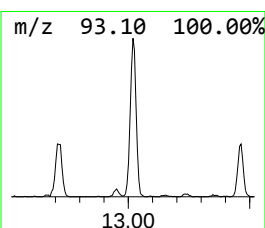
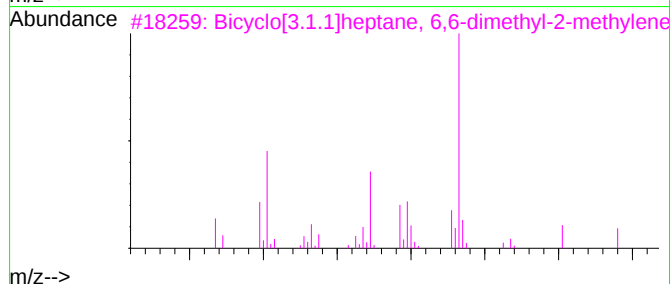
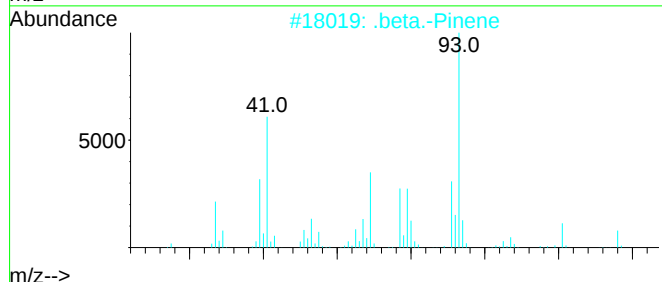
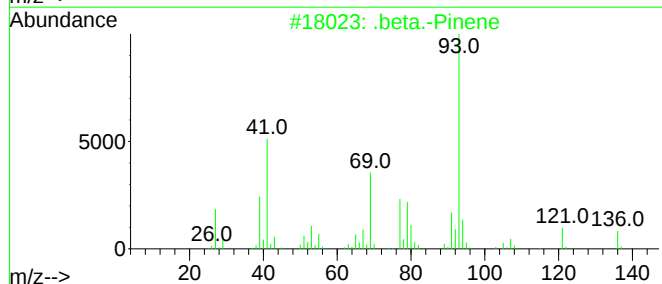
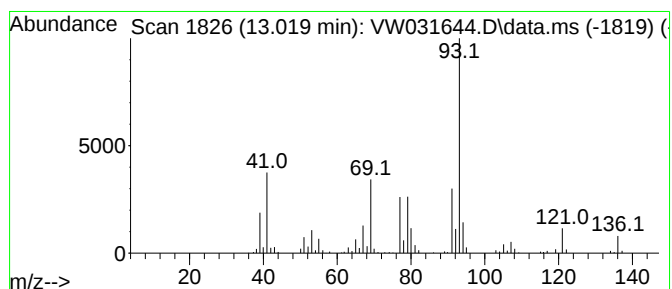
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 .beta.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.019	2.55 ug/L	154334	1,4-Dichlorobenzene-d4	13.550	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	97
2	.beta.-Pinene	136	C10H16	000127-91-3	97
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031644.D
Acq On : 29 Jan 2025 16:20
Operator : SY/MD
Sample : Q1189-06
Misc : 14.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44Q9

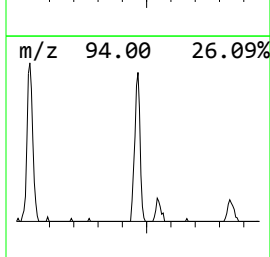
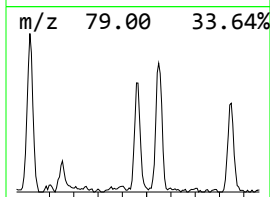
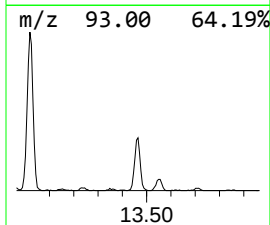
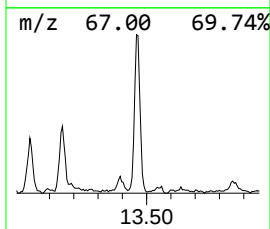
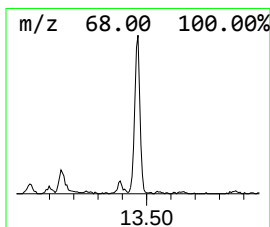
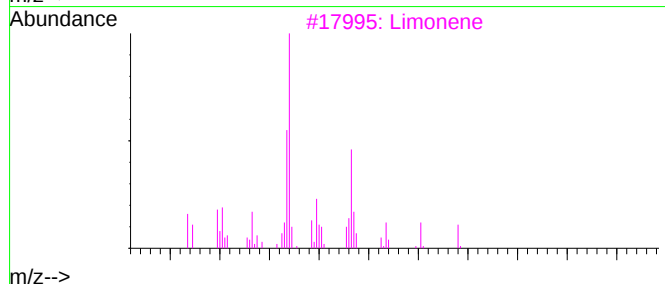
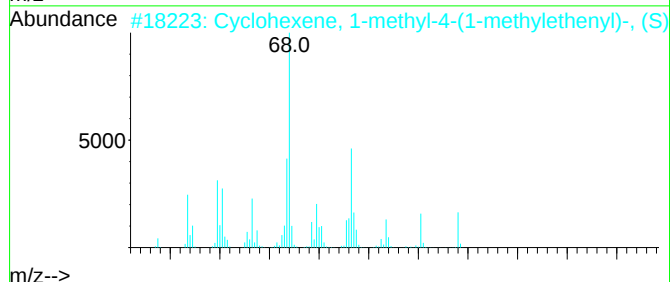
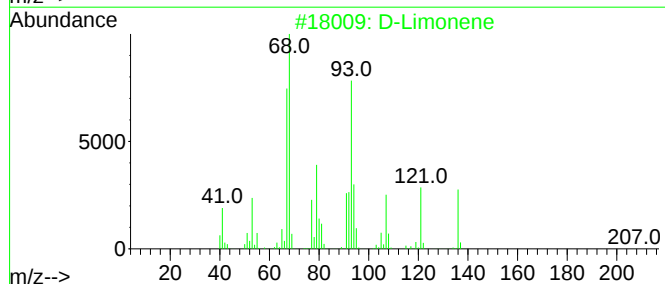
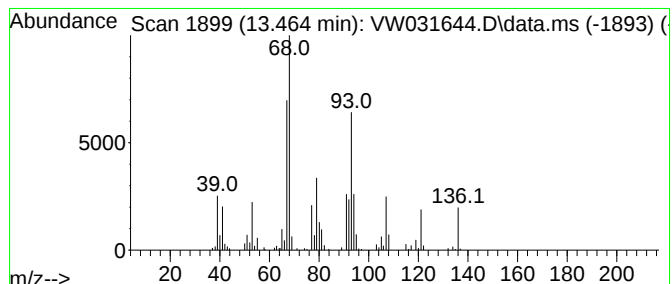
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.464	1.88 ug/L	113604	1,4-Dichlorobenzene-d4	13.550	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	91
3	Limonene	136	C10H16	000138-86-3	91
4	D-Limonene	136	C10H16	005989-27-5	91
5	Limonene	136	C10H16	000138-86-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031644.D
Acq On : 29 Jan 2025 16:20
Operator : SY/MD
Sample : Q1189-06
Misc : 14.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44Q9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

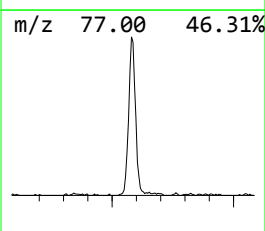
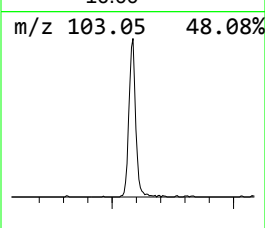
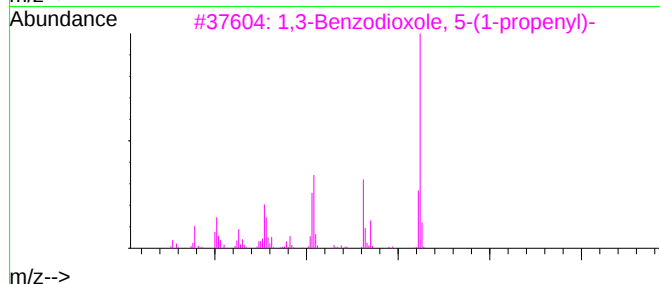
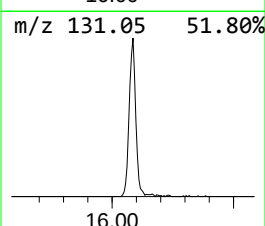
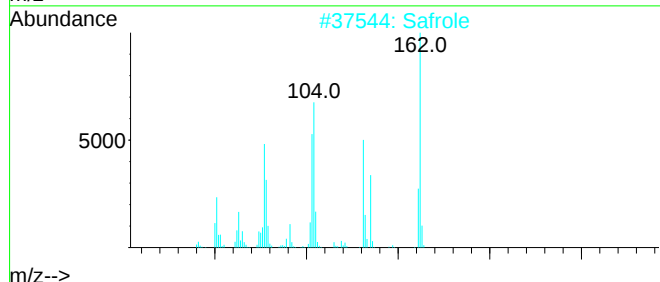
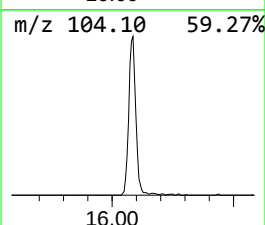
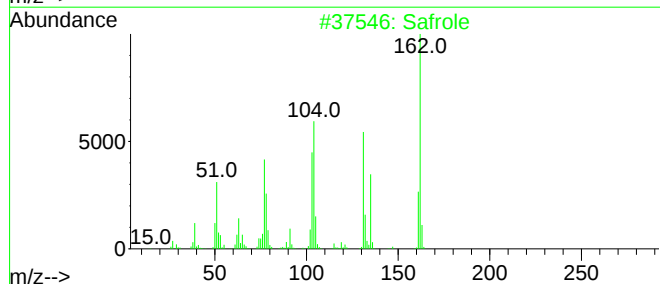
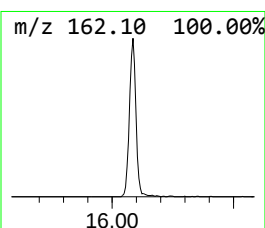
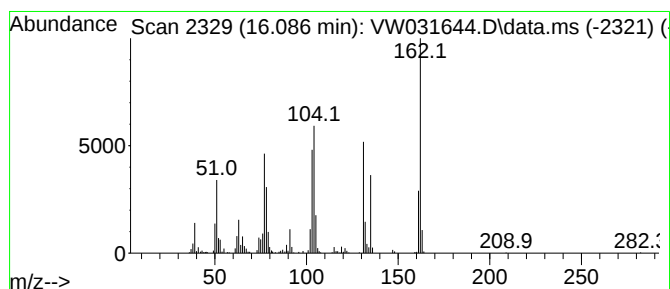
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Safole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	4.63 ug/L	279658	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Safole	162	C10H10O2	000094-59-7	98
2	Safole	162	C10H10O2	000094-59-7	98
3	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
4	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
5	Safole	162	C10H10O2	000094-59-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031644.D
Acq On : 29 Jan 2025 16:20
Operator : SY/MD
Sample : Q1189-06
Misc : 14.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44Q9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.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
Hexanal	11.068	8.4	ug/L	734134	2	11.629	2190760	25.0
.alpha.-Pinene	12.464	6.2	ug/L	539334	2	11.629	2190760	25.0
.beta.-Pinene	13.019	2.5	ug/L	154334	3	13.550	1510480	25.0
D-Limonene	13.464	1.9	ug/L	113604	3	13.550	1510480	25.0
Safrole	16.086	4.6	ug/L	279658	3	13.550	1510480	25.0