

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030069.D
 Acq On : 28 Aug 2024 12:21
 Operator : SY/MD
 Sample : P3721-06
 Misc : 3.06g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYJ0

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: VW030069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.362	71	78	95	rBV	53248	129909	14.88%	1.797%
2	2.899	158	166	183	rBV	33475	105632	12.10%	1.461%
3	3.234	218	221	223	rBV2	373	459	0.05%	0.006%
4	3.393	239	247	257	rBV	7142	16408	1.88%	0.227%
5	3.527	267	269	270	rBV	395	275	0.03%	0.004%
6	3.740	299	304	312	rVB6	717	1539	0.18%	0.021%
7	3.850	319	322	323	rBV2	226	212	0.02%	0.003%
8	4.021	338	350	359	rBV2	94534	312234	35.76%	4.320%
9	4.380	404	409	410	rBV3	555	798	0.09%	0.011%
10	4.642	449	452	453	rBV	244	227	0.03%	0.003%
11	4.667	453	456	457	rBV	365	413	0.05%	0.006%
12	4.923	485	498	510	rBV3	5462	20149	2.31%	0.279%
13	5.130	528	532	534	rBV2	173	256	0.03%	0.004%
14	5.179	538	540	544	rVV2	249	258	0.03%	0.004%
15	5.728	629	630	634	rBV	125	163	0.02%	0.002%
16	5.770	634	637	638	rBV	319	314	0.04%	0.004%
17	5.941	655	665	674	rVV5	3459	10753	1.23%	0.149%
18	6.099	689	691	695	rBV	121	207	0.02%	0.003%
19	6.191	703	706	709	rBV2	157	205	0.02%	0.003%
20	6.447	744	748	750	rBV2	273	299	0.03%	0.004%
21	6.490	753	755	758	rBV2	124	170	0.02%	0.002%
22	6.557	765	766	772	rVB2	188	281	0.03%	0.004%
23	6.630	775	778	782	rBV2	133	195	0.02%	0.003%
24	6.898	816	822	831	rBV4	2037	5909	0.68%	0.082%
25	7.075	842	851	871	rBV	26969	81093	9.29%	1.122%
26	7.435	906	910	912	rVB2	269	299	0.03%	0.004%
27	7.489	917	919	922	rVB	250	267	0.03%	0.004%
28	7.648	934	945	957	rBV	145865	361950	41.45%	5.008%
29	7.776	965	966	971	rVB2	458	345	0.04%	0.005%
30	7.843	975	977	980	rVV	137	160	0.02%	0.002%
31	7.874	980	982	985	rVB	232	185	0.02%	0.003%
32	8.130	1023	1024	1029	rVB2	182	219	0.03%	0.003%
33	8.276	1036	1048	1064	rBV2	295558	873258	100.00%	12.082%
34	8.520	1084	1088	1091	rBV3	578	624	0.07%	0.009%
35	8.697	1110	1117	1131	rBV2	9761	23134	2.65%	0.320%
36	8.837	1131	1140	1154	rBV	351606	695469	79.64%	9.622%

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 Title : SFAM01.0

37	9.050	1172	1175	1177	rBV4	553	782	0.09%	0.011%
38	9.270	1202	1211	1221	rBV	204471	416230	47.66%	5.759%
39	9.410	1227	1234	1245	rVB	21440	43710	5.01%	0.605%
40	9.532	1253	1254	1261	rVB2	330	606	0.07%	0.008%
41	9.617	1265	1268	1270	rBV	162	192	0.02%	0.003%
42	9.660	1272	1275	1281	rBV3	628	1030	0.12%	0.014%
43	10.032	1325	1336	1347	rBV	108100	194405	22.26%	2.690%
44	10.215	1362	1366	1368	rBV	302	285	0.03%	0.004%
45	10.318	1371	1383	1391	rBV	416625	737087	84.41%	10.198%
46	10.501	1408	1413	1417	rVV3	2130	3336	0.38%	0.046%
47	10.574	1418	1425	1437	rVV	69853	120312	13.78%	1.665%
48	10.696	1440	1445	1450	rBV2	2733	4611	0.53%	0.064%
49	10.861	1470	1472	1474	rVB2	326	184	0.02%	0.003%
50	10.922	1475	1482	1498	rBV	114539	200996	23.02%	2.781%
51	11.068	1499	1506	1519	rVV	183530	297713	34.09%	4.119%
52	11.422	1562	1564	1566	rBV2	163	191	0.02%	0.003%
53	11.470	1569	1572	1575	rBB2	316	278	0.03%	0.004%
54	11.550	1583	1585	1586	rBV	338	165	0.02%	0.002%
55	11.568	1586	1588	1590	rVB	318	195	0.02%	0.003%
56	11.629	1590	1598	1606	rBV	475412	814690	93.29%	11.272%
57	11.787	1622	1624	1625	rVB2	345	175	0.02%	0.002%
58	11.836	1625	1632	1642	rBV2	7829	16943	1.94%	0.234%
59	12.019	1659	1662	1667	rBV4	616	855	0.10%	0.012%
60	12.172	1685	1687	1692	rVB3	578	713	0.08%	0.010%
61	12.336	1708	1714	1724	rVB3	10047	20424	2.34%	0.283%
62	12.464	1729	1735	1740	rBV	24928	43989	5.04%	0.609%
63	12.598	1753	1757	1762	rVB	3610	4869	0.56%	0.067%
64	12.690	1765	1772	1783	rBV	154676	278285	31.87%	3.850%
65	12.909	1801	1808	1809	rBV5	889	1700	0.19%	0.024%
66	13.037	1822	1829	1833	rBV2	3372	5152	0.59%	0.071%
67	13.092	1833	1838	1844	rVV5	2309	4569	0.52%	0.063%
68	13.232	1859	1861	1863	rBV2	501	543	0.06%	0.008%
69	13.391	1880	1887	1893	rBV2	18352	30533	3.50%	0.422%
70	13.464	1893	1899	1902	rBV	21696	37361	4.28%	0.517%
71	13.555	1907	1914	1922	rVV	415336	690659	79.09%	9.556%
72	13.757	1944	1947	1950	rVB3	303	300	0.03%	0.004%
73	13.848	1955	1962	1977	rVB	292178	479957	54.96%	6.641%
74	13.964	1979	1981	1982	rBV2	225	160	0.02%	0.002%
75	13.994	1982	1986	1993	rVV7	4064	9473	1.08%	0.131%
76	14.068	1993	1998	2007	rVV4	9802	18854	2.16%	0.261%

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 Title : SFAM01.0

77	14.147	2007	2011	2015	rVB6	2466	3507	0.40%	0.049%
78	14.214	2018	2022	2026	rBV4	735	1213	0.14%	0.017%
79	14.281	2032	2033	2034	rBV	252	170	0.02%	0.002%
80	14.318	2034	2039	2048	rVB2	20054	31308	3.59%	0.433%
81	14.427	2054	2057	2061	rVB4	687	1087	0.12%	0.015%
82	14.500	2067	2069	2072	rBV3	409	506	0.06%	0.007%
83	14.616	2083	2088	2092	rBV5	791	1379	0.16%	0.019%
84	14.683	2094	2099	2103	rBV6	2036	3322	0.38%	0.046%
85	14.860	2124	2128	2131	rBV2	366	594	0.07%	0.008%
86	14.891	2131	2133	2134	rVB2	364	183	0.02%	0.003%
87	14.945	2138	2142	2147	rBV2	2334	3533	0.40%	0.049%
88	15.061	2156	2161	2164	rBV4	1431	2416	0.28%	0.033%
89	15.116	2166	2170	2174	rVB6	2485	3949	0.45%	0.055%
90	15.171	2176	2179	2183	rBV5	1464	2215	0.25%	0.031%
91	15.293	2194	2199	2206	rVB	8762	14110	1.62%	0.195%
92	15.415	2215	2219	2220	rBV3	1086	1224	0.14%	0.017%
93	15.586	2245	2247	2250	rBV2	315	317	0.04%	0.004%
94	15.695	2264	2265	2268	rBV2	314	194	0.02%	0.003%
95	15.744	2271	2273	2278	rVB2	416	351	0.04%	0.005%
96	15.793	2278	2281	2282	rBV2	445	557	0.06%	0.008%
97	15.842	2284	2289	2298	rVV4	11054	21042	2.41%	0.291%
98	15.951	2302	2307	2314	rVV3	3272	6557	0.75%	0.091%
99	16.463	2390	2391	2395	rBV3	497	713	0.08%	0.010%
100	16.646	2419	2421	2425	rVB3	450	423	0.05%	0.006%

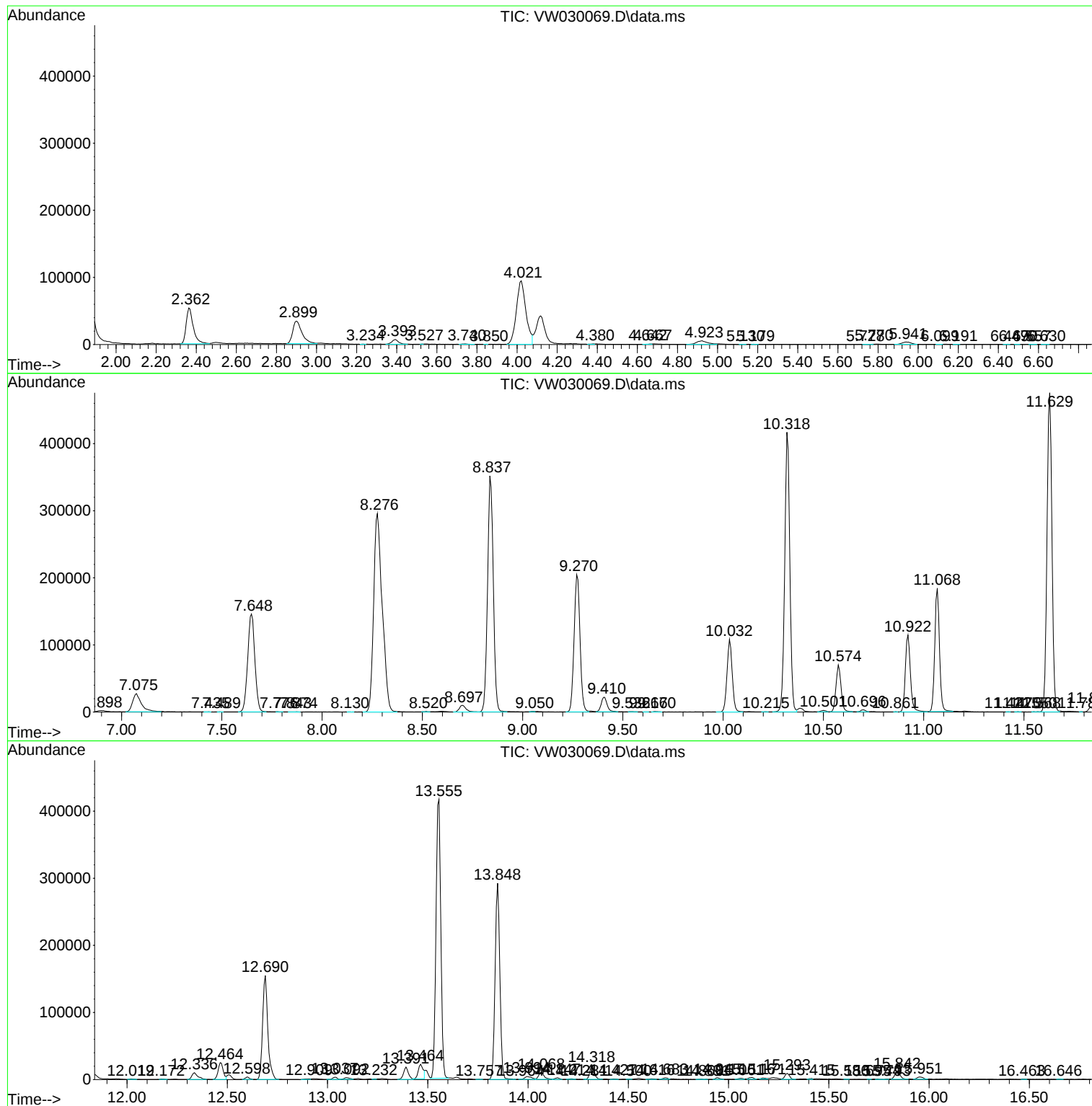
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
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MSVOA_W
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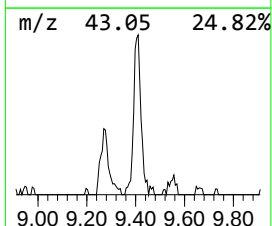
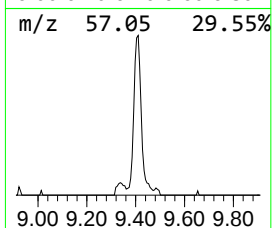
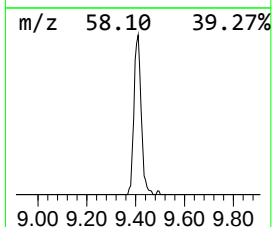
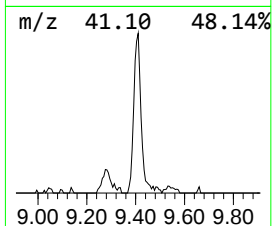
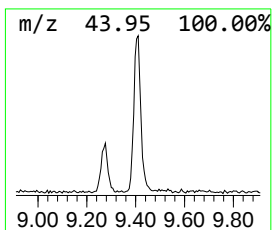
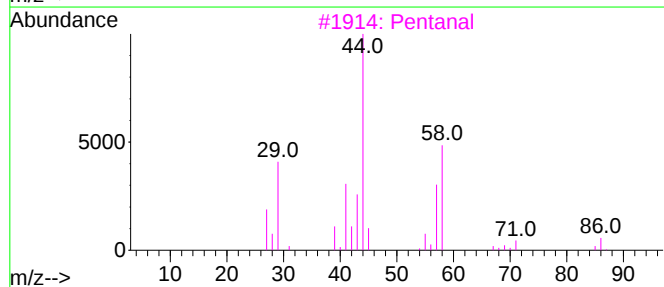
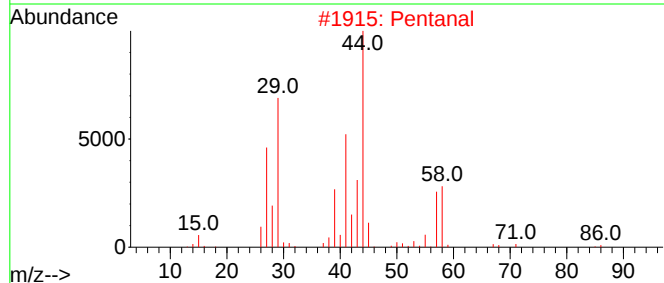
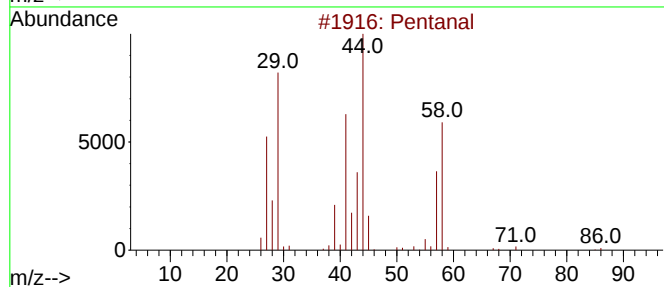
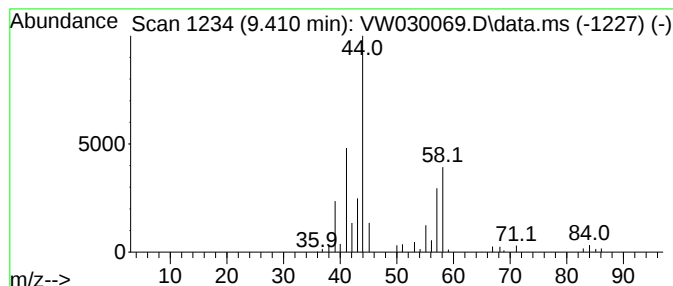
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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	1.57 ug/L	43710	1,4-Difluorobenzene	8.837

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



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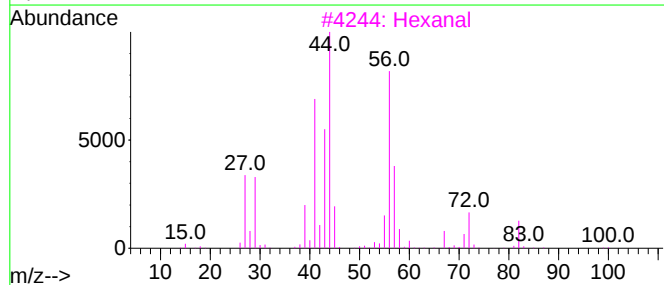
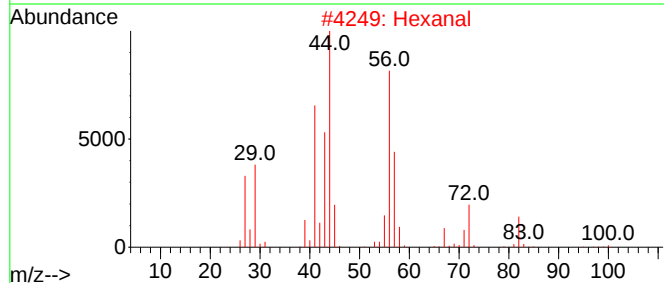
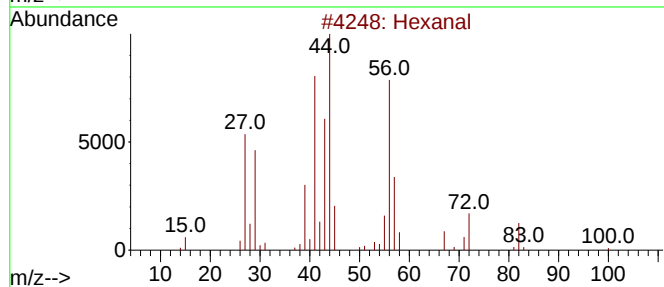
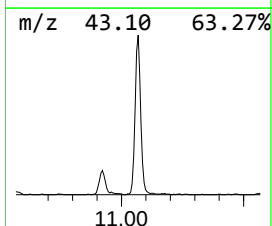
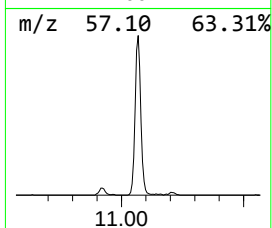
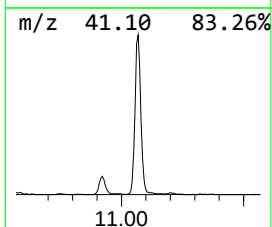
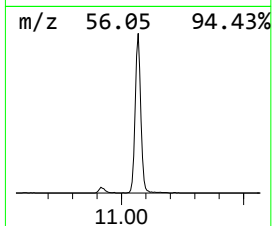
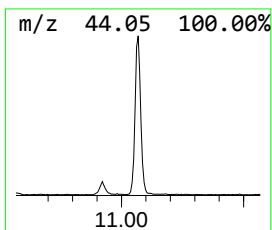
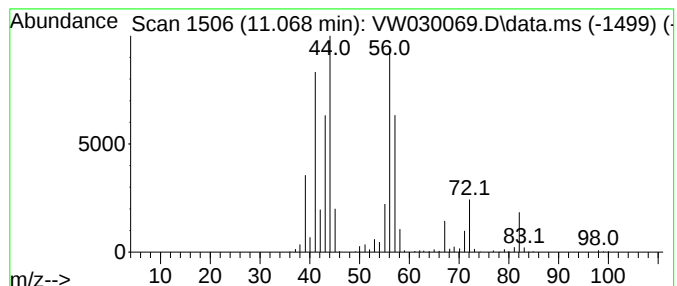
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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	9.14 ug/L	297713	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	86
4	Hexanal			100	C6H12O	000066-25-1	80
5	Hexanal			100	C6H12O	000066-25-1	76



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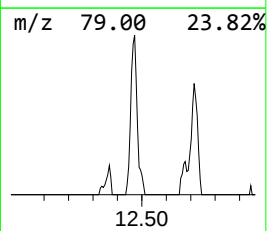
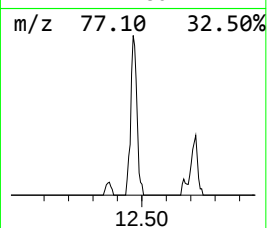
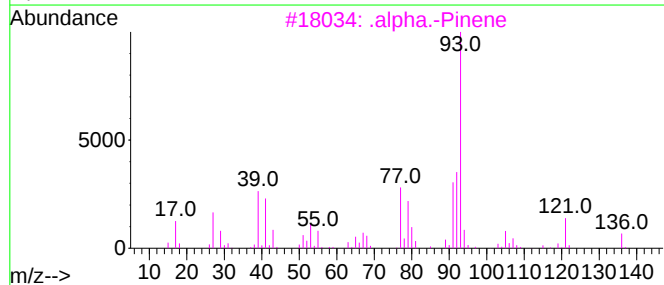
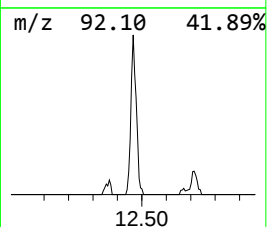
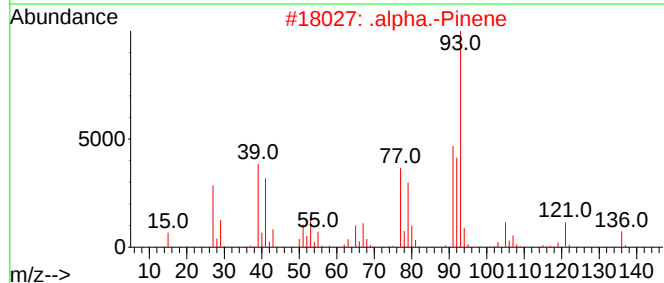
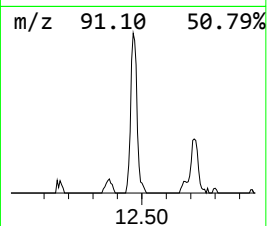
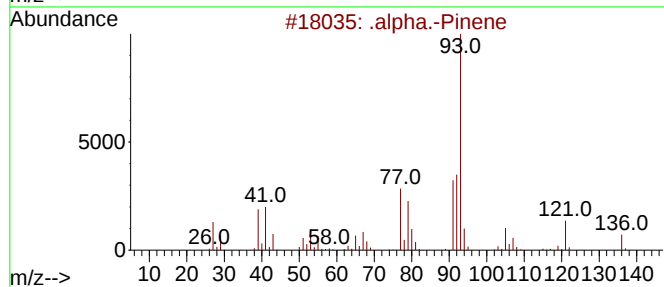
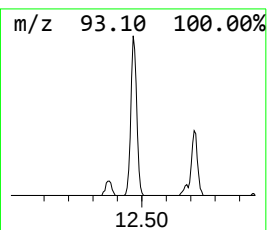
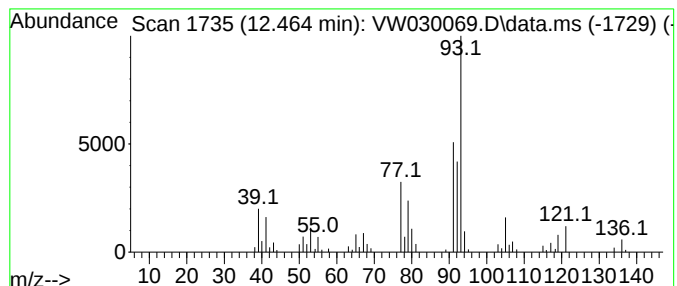
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.35 ug/L	43989	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	91
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030069.D
Acq On : 28 Aug 2024 12:21
Operator : SY/MD
Sample : P3721-06
Misc : 3.06g/10mL/MSVOA_W/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYJ0

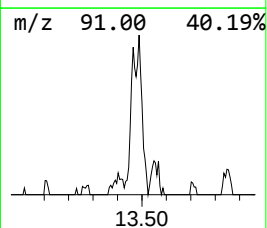
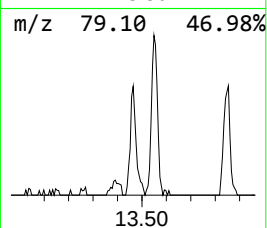
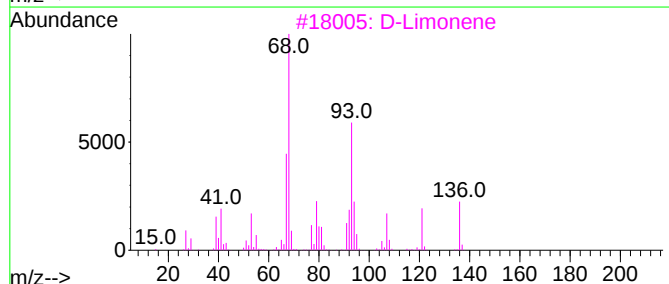
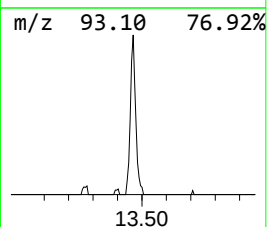
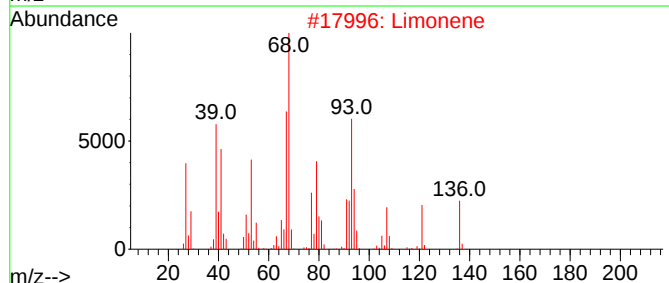
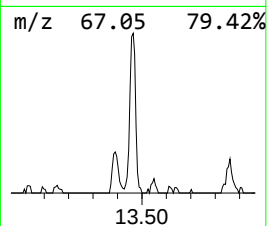
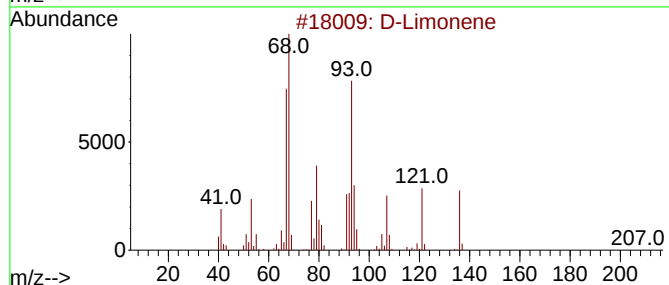
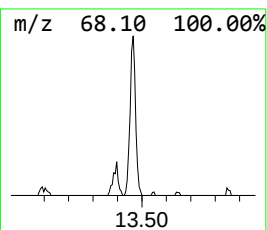
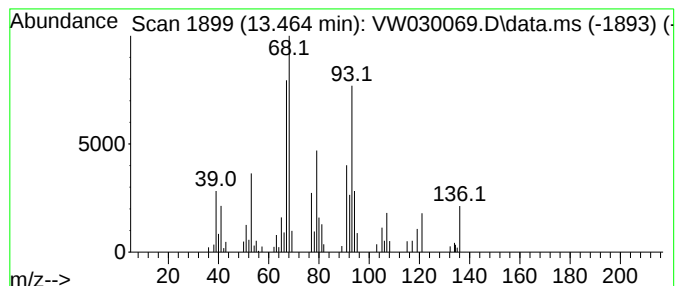
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Quant Title : SFAM01.0

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

Peak Number 5 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	1.35 ug/L	37361	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	96
2	Limonene			136	C10H16	000138-86-3	95
3	D-Limonene			136	C10H16	005989-27-5	93
4	D-Limonene			136	C10H16	005989-27-5	93
5	D-Limonene			136	C10H16	005989-27-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030069.D
Acq On : 28 Aug 2024 12:21
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Misc : 3.06g/10mL/MSVOA_W/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYJ0

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	1.6	ug/L	43710	1	8.837	695469	25.0
Hexanal	11.068	9.1	ug/L	297713	2	11.629	814690	25.0
.alpha.-Pinene	12.464	1.4	ug/L	43989	2	11.629	814690	25.0
D-Limonene	13.464	1.4	ug/L	37361	3	13.556	690659	25.0