

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029959.D
 Acq On : 20 Aug 2024 15:20
 Operator : SY/MD
 Sample : P3626-17
 Misc : 4.60g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ5

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	94	rVB	45874	106688	13.39%	1.734%
2	2.899	160	166	182	rVB	35123	102024	12.81%	1.658%
3	3.399	242	248	257	rVB3	5153	12492	1.57%	0.203%
4	3.612	281	283	286	rBV3	579	442	0.06%	0.007%
5	3.704	296	298	299	rBV2	665	334	0.04%	0.005%
6	3.826	314	318	319	rBV2	360	398	0.05%	0.006%
7	3.856	322	323	326	rVB3	605	497	0.06%	0.008%
8	4.021	339	350	360	rBV	78659	247239	31.04%	4.019%
9	4.490	425	427	428	rBV2	347	321	0.04%	0.005%
10	4.557	434	438	440	rBV3	511	763	0.10%	0.012%
11	4.624	447	449	451	rBV2	398	451	0.06%	0.007%
12	4.667	453	456	457	rBV3	669	644	0.08%	0.010%
13	4.917	486	497	512	rBV4	5270	20068	2.52%	0.326%
14	5.252	550	552	555	rVB3	412	322	0.04%	0.005%
15	5.332	563	565	567	rVB	359	286	0.04%	0.005%
16	5.447	583	584	586	rBV	349	292	0.04%	0.005%
17	5.551	599	601	604	rVV2	502	459	0.06%	0.007%
18	5.594	606	608	611	rVB2	291	316	0.04%	0.005%
19	5.783	631	639	640	rBV4	1759	3507	0.44%	0.057%
20	6.197	706	707	710	rVB2	302	289	0.04%	0.005%
21	6.307	724	725	727	rBV2	583	459	0.06%	0.007%
22	6.405	736	741	745	rBV4	493	996	0.13%	0.016%
23	6.533	760	762	764	rVB3	429	351	0.04%	0.006%
24	6.587	769	771	774	rBV2	336	457	0.06%	0.007%
25	6.691	786	788	790	rBV	500	428	0.05%	0.007%
26	6.825	808	810	813	rVB3	362	405	0.05%	0.007%
27	6.904	816	823	831	rVV7	1975	6056	0.76%	0.098%
28	7.075	843	851	879	rVB	25002	87954	11.04%	1.430%
29	7.453	911	913	917	rVB4	780	783	0.10%	0.013%
30	7.490	917	919	922	rBV3	287	337	0.04%	0.005%
31	7.526	922	925	926	rBV2	654	639	0.08%	0.010%
32	7.648	934	945	960	rBV	146540	361410	45.37%	5.874%
33	7.819	972	973	976	rVB3	820	453	0.06%	0.007%
34	7.892	982	985	988	rBV2	306	568	0.07%	0.009%
35	8.142	1023	1026	1027	rBV	474	321	0.04%	0.005%
36	8.276	1038	1048	1063	rBV2	269032	796592	100.00%	12.948%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

37	8.520	1085	1088	1089	rBV2	677	760	0.10%	0.012%
38	8.703	1110	1118	1126	rBV2	9008	21728	2.73%	0.353%
39	8.843	1131	1141	1153	rBV	349192	686372	86.16%	11.157%
40	9.270	1203	1211	1228	rBV	188250	393106	49.35%	6.390%
41	9.410	1228	1234	1245	rVB3	12580	27088	3.40%	0.440%
42	9.800	1295	1298	1301	rVB2	672	591	0.07%	0.010%
43	9.855	1305	1307	1311	rBV3	430	632	0.08%	0.010%
44	9.892	1311	1313	1318	rVB3	561	691	0.09%	0.011%
45	9.953	1321	1323	1325	rBV2	422	311	0.04%	0.005%
46	10.032	1325	1336	1345	rBV	90640	170236	21.37%	2.767%
47	10.215	1363	1366	1367	rBV2	433	477	0.06%	0.008%
48	10.318	1373	1383	1391	rBV	332130	608163	76.35%	9.885%
49	10.514	1409	1415	1418	rBV6	1086	2130	0.27%	0.035%
50	10.575	1419	1425	1437	rBV2	58302	104837	13.16%	1.704%
51	10.703	1440	1446	1450	rBV2	8314	14694	1.84%	0.239%
52	10.855	1469	1471	1472	rBV	684	337	0.04%	0.005%
53	10.922	1476	1482	1497	rBV	95769	168733	21.18%	2.743%
54	11.068	1500	1506	1518	rVV	92601	155627	19.54%	2.530%
55	11.361	1553	1554	1557	rVB3	468	305	0.04%	0.005%
56	11.489	1573	1575	1579	rVB3	497	589	0.07%	0.010%
57	11.562	1583	1587	1590	rBV4	1342	2144	0.27%	0.035%
58	11.629	1590	1598	1608	rVV	395677	657055	82.48%	10.680%
59	11.837	1624	1632	1641	rBV	11225	24353	3.06%	0.396%
60	11.946	1646	1650	1653	rBV4	1298	2323	0.29%	0.038%
61	12.013	1656	1661	1668	rBV	12843	21132	2.65%	0.343%
62	12.135	1679	1681	1683	rBV3	536	593	0.07%	0.010%
63	12.233	1693	1697	1699	rBV3	813	975	0.12%	0.016%
64	12.336	1706	1714	1724	rBV7	9844	23851	2.99%	0.388%
65	12.471	1729	1736	1747	rVB	48084	88463	11.11%	1.438%
66	12.599	1753	1757	1764	rVB2	10167	17328	2.18%	0.282%
67	12.690	1765	1772	1784	rVV	147691	260112	32.65%	4.228%
68	12.873	1797	1802	1803	rBV4	602	916	0.11%	0.015%
69	12.891	1803	1805	1808	rBV4	877	1227	0.15%	0.020%
70	13.038	1824	1829	1833	rBV5	1997	3824	0.48%	0.062%
71	13.092	1834	1838	1844	rVV5	2542	5111	0.64%	0.083%
72	13.153	1844	1848	1852	rBV2	5304	6868	0.86%	0.112%
73	13.208	1853	1857	1862	rBV	10270	15235	1.91%	0.248%
74	13.391	1879	1887	1893	rBV4	10210	20062	2.52%	0.326%
75	13.464	1893	1899	1908	rBV2	55841	122874	15.42%	1.997%
76	13.556	1908	1914	1921	rVV	233959	380307	47.74%	6.182%

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 Title : SFAM01.0

77	13.848	1955	1962	1975	rVB	191160	313607	39.37%	5.097%
78	13.995	1980	1986	1987	rBV4	2749	4151	0.52%	0.067%
79	14.068	1994	1998	2009	rVB4	8543	15964	2.00%	0.259%
80	14.147	2009	2011	2016	rVB6	1528	2139	0.27%	0.035%
81	14.318	2034	2039	2045	rBV3	7181	11828	1.48%	0.192%
82	14.556	2077	2078	2081	rBV3	394	412	0.05%	0.007%
83	14.653	2092	2094	2095	rBV2	545	500	0.06%	0.008%
84	14.690	2095	2100	2110	rVB5	4361	9421	1.18%	0.153%
85	14.848	2123	2126	2132	rVB6	1267	2676	0.34%	0.043%
86	14.940	2138	2141	2149	rVB5	1477	2850	0.36%	0.046%
87	15.001	2149	2151	2153	rBV2	537	514	0.06%	0.008%
88	15.238	2188	2190	2197	rVB6	3908	6456	0.81%	0.105%
89	15.311	2199	2202	2206	rBV3	338	586	0.07%	0.010%
90	15.360	2206	2210	2216	rBV4	801	1912	0.24%	0.031%
91	15.476	2227	2229	2235	rVB2	1952	2345	0.29%	0.038%
92	15.622	2251	2253	2254	rBV	428	297	0.04%	0.005%
93	15.787	2278	2280	2282	rVB2	715	497	0.06%	0.008%
94	15.842	2284	2289	2296	rVV7	1961	4102	0.51%	0.067%
95	16.214	2346	2350	2351	rBV4	411	421	0.05%	0.007%
96	16.250	2355	2356	2359	rBV3	605	698	0.09%	0.011%
97	16.330	2368	2369	2372	rBV2	374	493	0.06%	0.008%
98	16.445	2386	2388	2392	rBV4	722	916	0.11%	0.015%
99	16.537	2401	2403	2405	rBV3	390	294	0.04%	0.005%
100	16.677	2424	2426	2430	rBV4	582	912	0.11%	0.015%

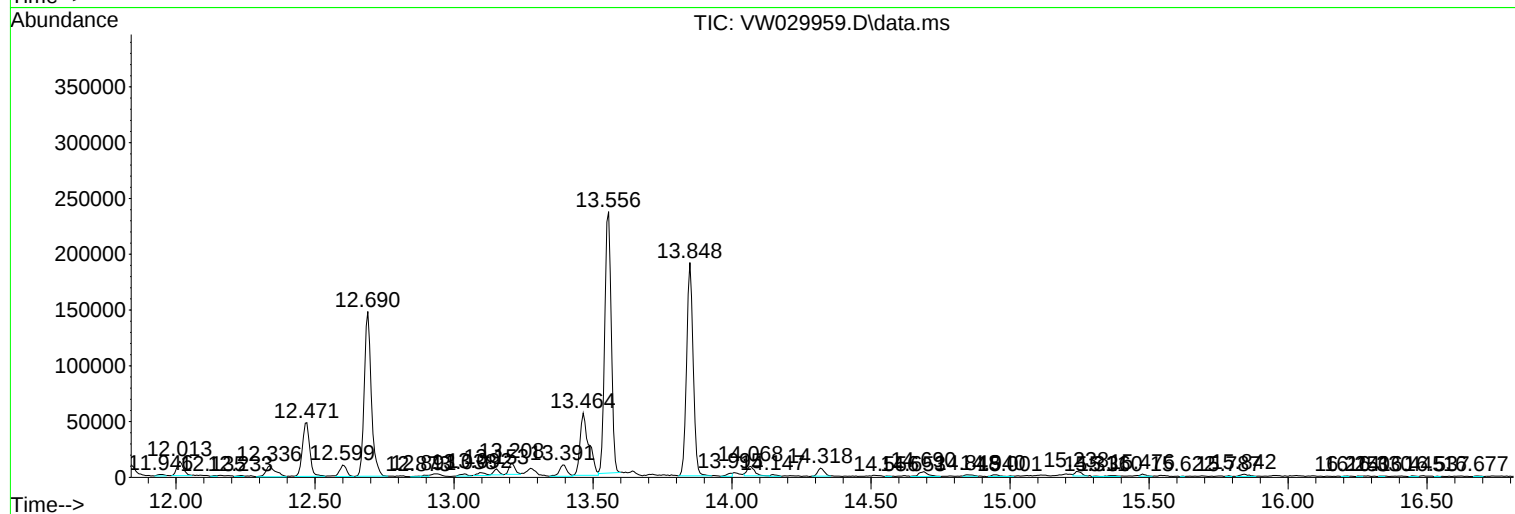
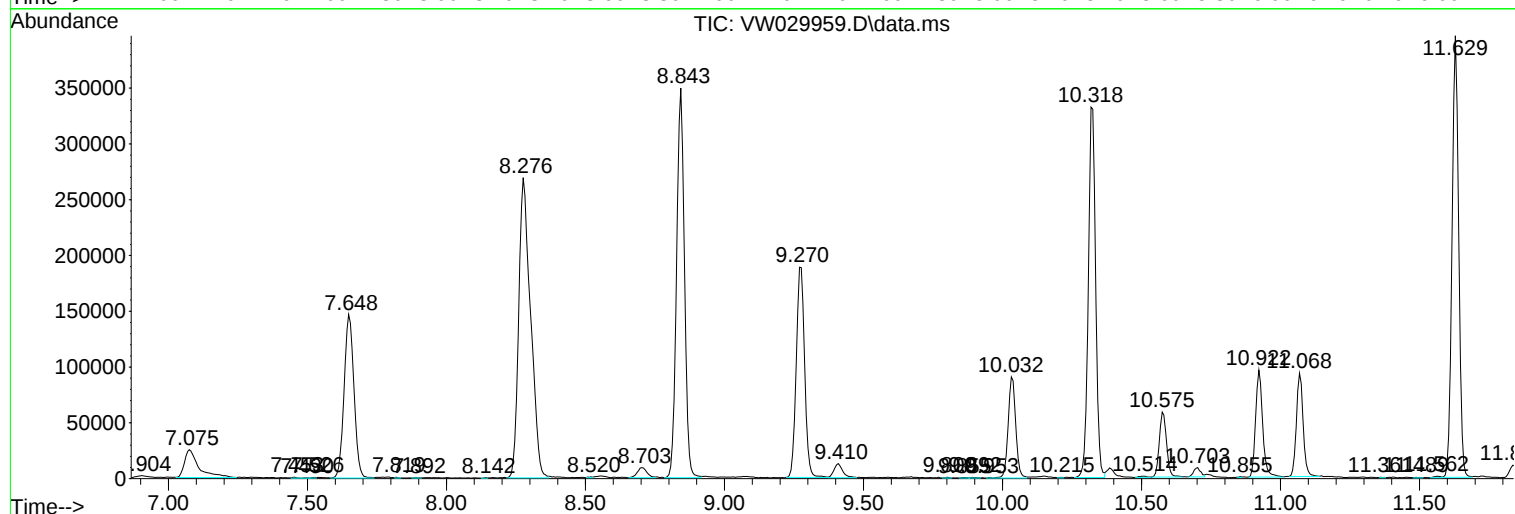
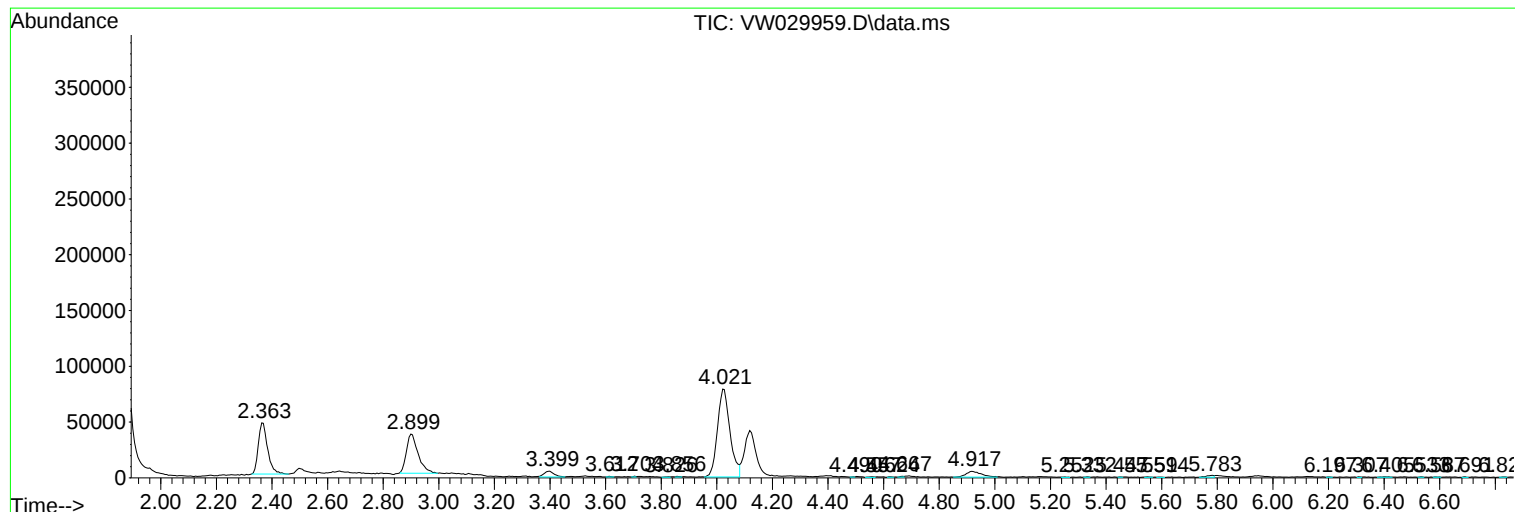
Sum of corrected areas: 6152192

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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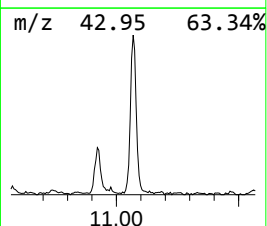
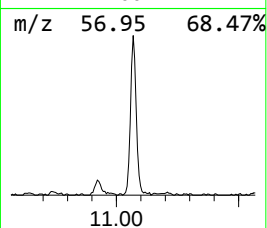
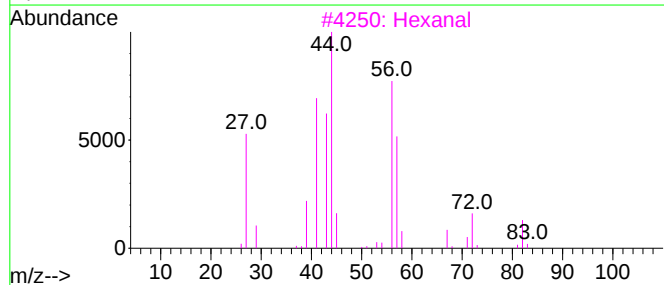
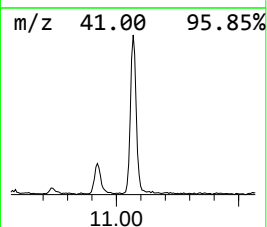
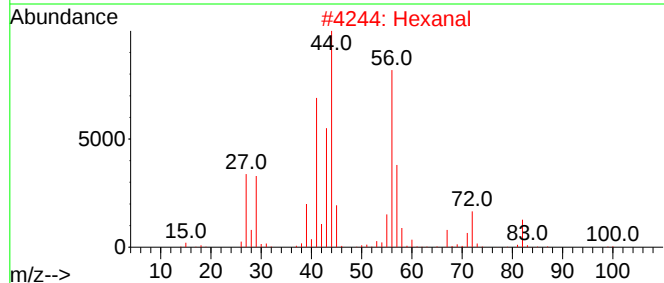
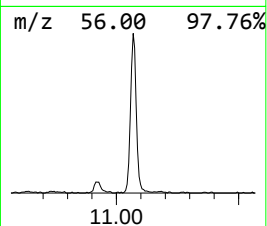
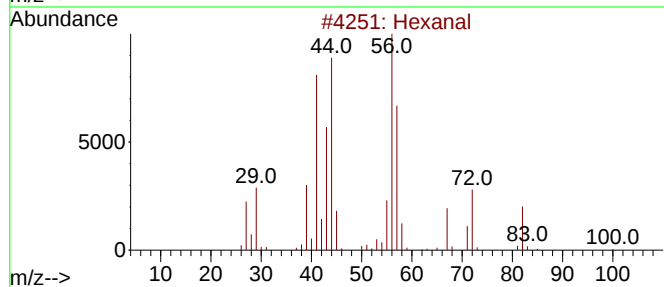
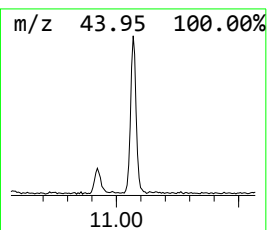
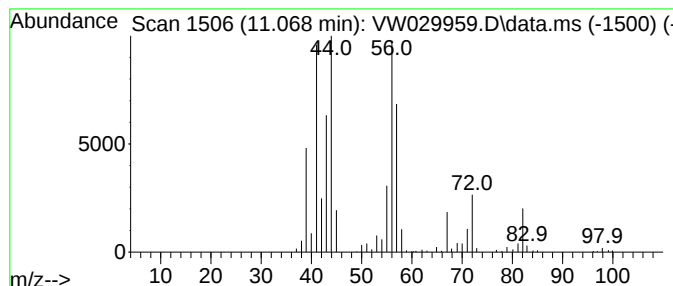
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	5.92 ug/L	155627	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	64
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	59



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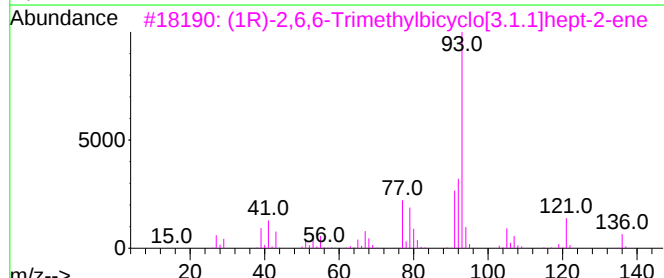
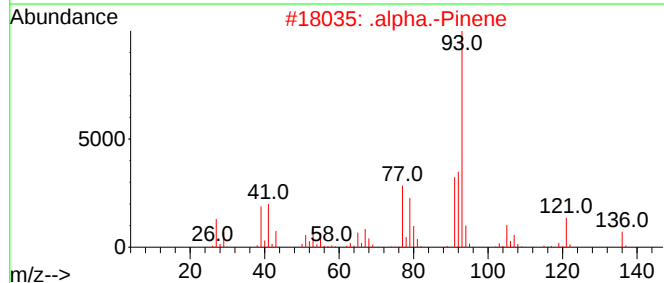
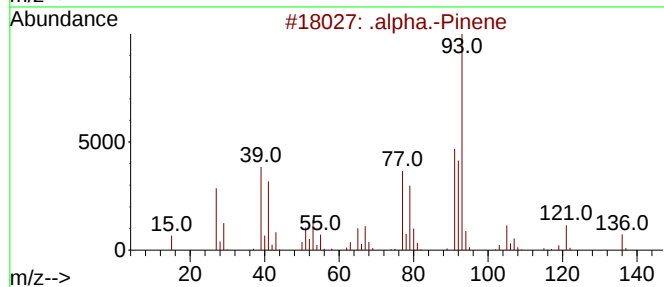
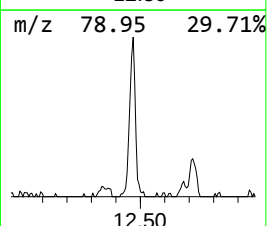
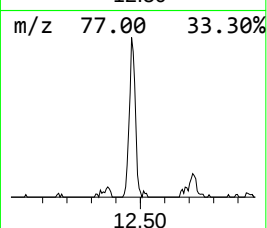
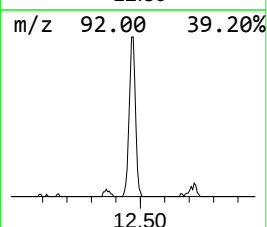
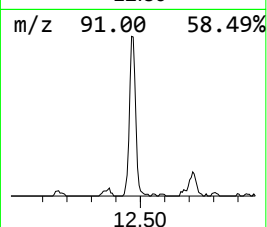
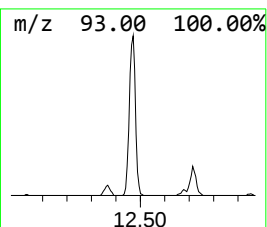
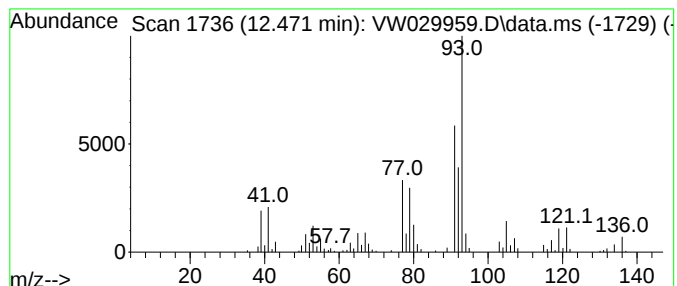
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	3.37 ug/L	88463	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	93
2		.alpha.-Pinene	136	C10H16	000080-56-8	93
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
5		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87



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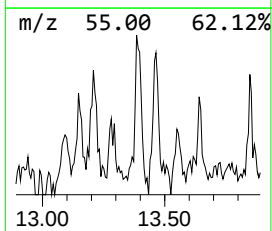
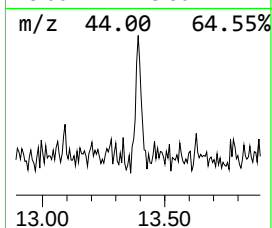
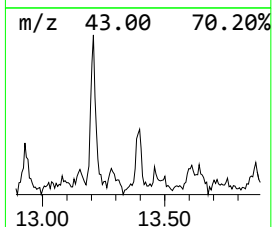
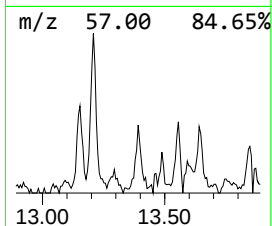
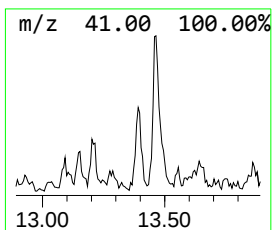
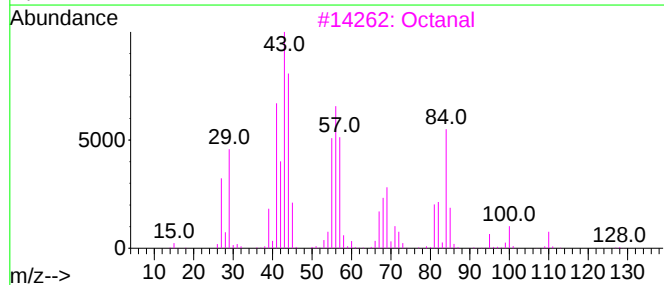
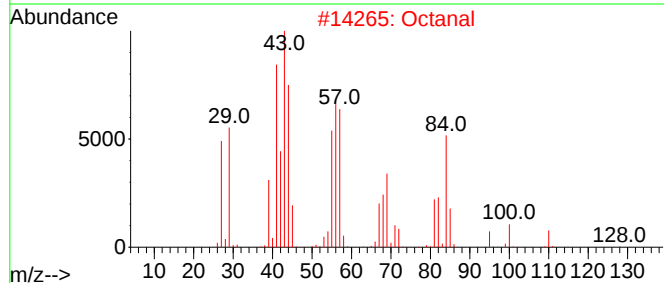
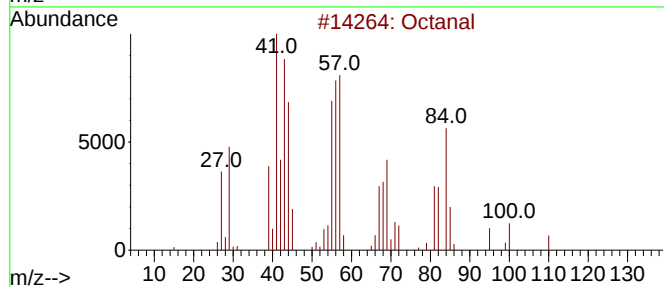
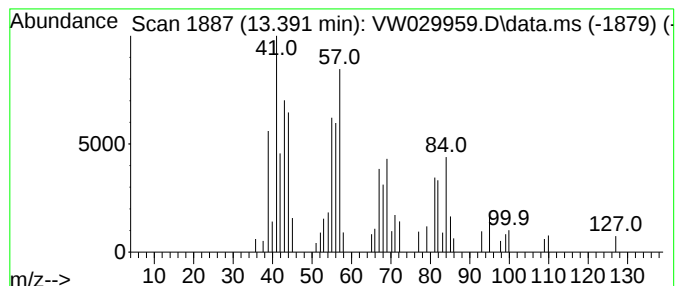
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	1.32 ug/L	20062	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	87
2	Octanal			128	C8H16O	000124-13-0	59
3	Octanal			128	C8H16O	000124-13-0	53
4	Cyclopentanol, 2-methyl-, trans-			100	C6H12O	025144-04-1	38
5	1H-Pyrrole, 2,5-dihydro-1-nitroso-			98	C4H6N2O	010552-94-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029959.D
Acq On : 20 Aug 2024 15:20
Operator : SY/MD
Sample : P3626-17
Misc : 4.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ5

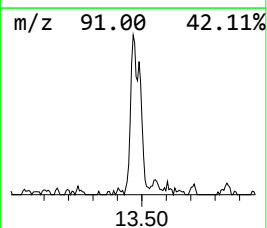
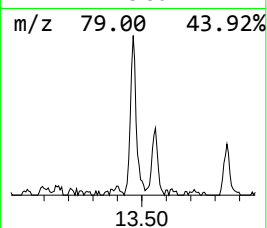
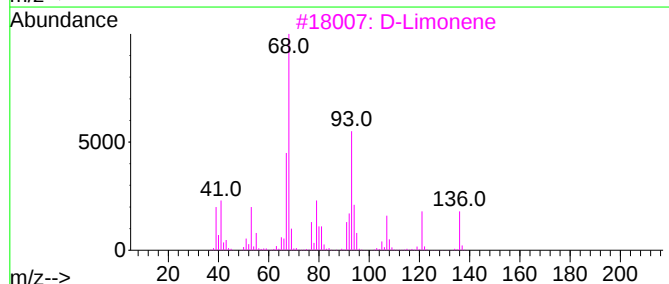
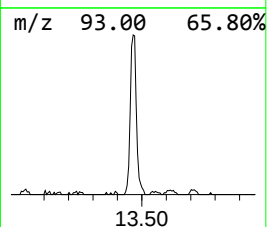
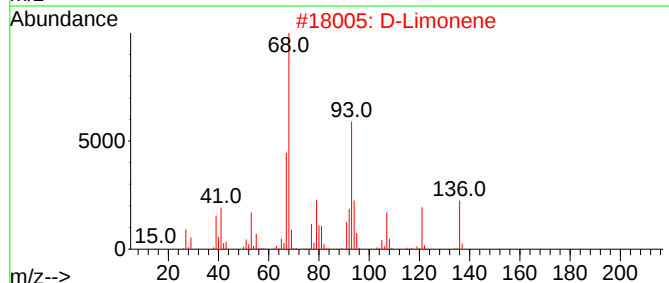
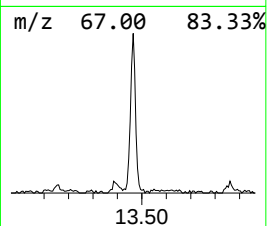
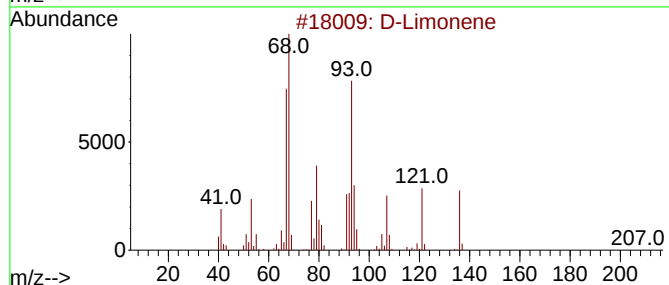
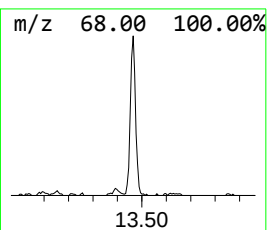
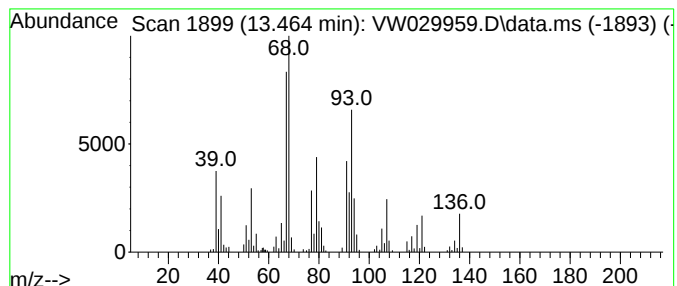
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Quant Title : SFAM01.0

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

Peak Number 5 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	8.08 ug/L	122874	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	97
2	D-Limonene			136	C10H16	005989-27-5	76
3	D-Limonene			136	C10H16	005989-27-5	70
4	Limonene			136	C10H16	000138-86-3	70
5	D-Limonene			136	C10H16	005989-27-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029959.D
Acq On : 20 Aug 2024 15:20
Operator : SY/MD
Sample : P3626-17
Misc : 4.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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	5.9	ug/L	155627	2	11.629	657055	25.0
.alpha.-Pinene	12.470	3.4	ug/L	88463	2	11.629	657055	25.0
Octanal	13.391	1.3	ug/L	20062	3	13.556	380307	25.0
D-Limonene	13.464	8.1	ug/L	122874	3	13.556	380307	25.0