

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030033.D
 Acq On : 27 Aug 2024 10:20
 Operator : SY/MD
 Sample : P3721-06
 Misc : 4.26g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 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: VW030033.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	71	79	94	rBV	54070	129649	16.23%	1.788%
2	2.899	159	166	183	rVB2	33715	96227	12.05%	1.327%
3	3.393	238	247	254	rBV	11198	26242	3.29%	0.362%
4	3.600	280	281	282	rBV2	401	213	0.03%	0.003%
5	3.728	300	302	303	rBV2	294	259	0.03%	0.004%
6	3.832	318	319	321	rBV	249	239	0.03%	0.003%
7	3.856	321	323	326	rVB3	329	325	0.04%	0.004%
8	3.911	326	332	337	rBV3	388	832	0.10%	0.011%
9	4.021	338	350	362	rBV2	101953	359358	44.99%	4.957%
10	4.417	413	415	418	rBV2	332	412	0.05%	0.006%
11	4.594	441	444	448	rVB2	269	373	0.05%	0.005%
12	4.679	448	458	467	rBV3	1548	5149	0.64%	0.071%
13	4.929	486	499	513	rBV2	23669	88153	11.04%	1.216%
14	5.167	537	538	540	rBV	213	165	0.02%	0.002%
15	5.277	554	556	559	rVB	269	207	0.03%	0.003%
16	5.643	614	616	618	rBV2	178	150	0.02%	0.002%
17	5.765	633	636	637	rBV2	551	542	0.07%	0.007%
18	5.947	656	666	679	rVB2	9116	27400	3.43%	0.378%
19	6.118	690	694	698	rBV3	586	1073	0.13%	0.015%
20	6.185	703	705	708	rVB2	231	171	0.02%	0.002%
21	6.301	722	724	727	rVV	142	162	0.02%	0.002%
22	6.636	778	779	782	rVB	267	183	0.02%	0.003%
23	6.673	782	785	791	rBV2	184	312	0.04%	0.004%
24	6.716	791	792	794	rBV2	199	153	0.02%	0.002%
25	6.905	815	823	832	rBV3	2992	9382	1.17%	0.129%
26	7.081	844	852	877	rBV2	21916	76380	9.56%	1.054%
27	7.411	904	906	908	rBV	348	194	0.02%	0.003%
28	7.557	925	930	931	rVB2	294	364	0.05%	0.005%
29	7.575	931	933	935	rBV2	251	210	0.03%	0.003%
30	7.648	935	945	959	rBV	133475	325531	40.76%	4.490%
31	7.746	959	961	962	rBV	239	182	0.02%	0.003%
32	7.917	986	989	991	rBV2	143	148	0.02%	0.002%
33	8.276	1037	1048	1067	rBV2	280202	798669	100.00%	11.017%
34	8.526	1081	1089	1090	rBV3	644	1243	0.16%	0.017%
35	8.703	1110	1118	1132	rBV	12599	29486	3.69%	0.407%
36	8.843	1132	1141	1158	rVB	346289	681285	85.30%	9.398%

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 Title : SFAM01.0

37	9.050	1171	1175	1180	rBV4	691	1332	0.17%	0.018%
38	9.130	1187	1188	1194	rVB3	324	313	0.04%	0.004%
39	9.270	1203	1211	1221	rBV	177532	369517	46.27%	5.097%
40	9.410	1227	1234	1245	rVB	41651	81873	10.25%	1.129%
41	9.691	1279	1280	1283	rVB2	260	184	0.02%	0.003%
42	9.806	1297	1299	1300	rBV	249	152	0.02%	0.002%
43	10.032	1326	1336	1347	rBV	94447	174156	21.81%	2.402%
44	10.203	1361	1364	1365	rBV	175	161	0.02%	0.002%
45	10.325	1373	1384	1391	rBV	357848	652667	81.72%	9.003%
46	10.508	1409	1414	1418	rBV3	1660	2516	0.32%	0.035%
47	10.575	1418	1425	1440	rVV	59353	107011	13.40%	1.476%
48	10.703	1440	1446	1450	rVV2	5201	9370	1.17%	0.129%
49	10.739	1450	1452	1462	rVB4	1604	3608	0.45%	0.050%
50	10.825	1462	1466	1467	rBV2	191	228	0.03%	0.003%
51	10.922	1474	1482	1492	rBV	95491	167106	20.92%	2.305%
52	11.068	1499	1506	1524	rBV	475126	766097	95.92%	10.567%
53	11.300	1542	1544	1548	rBV3	249	297	0.04%	0.004%
54	11.355	1551	1553	1554	rBV	185	192	0.02%	0.003%
55	11.392	1558	1559	1563	rVB2	493	360	0.05%	0.005%
56	11.507	1576	1578	1580	rVB	195	178	0.02%	0.002%
57	11.562	1583	1587	1590	rBV2	551	859	0.11%	0.012%
58	11.629	1590	1598	1610	rVV	425924	707667	88.61%	9.762%
59	11.800	1623	1626	1627	rBV	224	232	0.03%	0.003%
60	11.843	1627	1633	1645	rVV3	9295	20841	2.61%	0.287%
61	12.019	1657	1662	1669	rBV2	6706	11622	1.46%	0.160%
62	12.129	1678	1680	1682	rBV2	312	391	0.05%	0.005%
63	12.233	1694	1697	1704	rBV3	1197	2166	0.27%	0.030%
64	12.336	1707	1714	1728	rBV3	20076	39449	4.94%	0.544%
65	12.465	1730	1735	1740	rBV	12695	22509	2.82%	0.310%
66	12.599	1751	1757	1762	rBV2	3856	6441	0.81%	0.089%
67	12.690	1765	1772	1784	rBV	135914	250197	31.33%	3.451%
68	12.812	1789	1792	1797	rVB3	437	488	0.06%	0.007%
69	12.885	1799	1804	1809	rBV3	3678	7071	0.89%	0.098%
70	13.038	1824	1829	1833	rBV2	2096	3216	0.40%	0.044%
71	13.099	1833	1839	1844	rVV5	4314	8561	1.07%	0.118%
72	13.147	1844	1847	1853	rVB3	2818	4208	0.53%	0.058%
73	13.208	1853	1857	1860	rBV4	1498	1887	0.24%	0.026%
74	13.275	1863	1868	1877	rVB6	4181	9177	1.15%	0.127%
75	13.391	1879	1887	1894	rBV2	28740	51191	6.41%	0.706%
76	13.464	1894	1899	1908	rBV3	40394	91428	11.45%	1.261%

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 Title : SFAM01.0

77	13.556	1908	1914	1920	rVV	294291	477389	59.77%	6.585%
78	13.641	1925	1928	1936	rVB	13870	21769	2.73%	0.300%
79	13.787	1950	1952	1955	rBV2	383	291	0.04%	0.004%
80	13.848	1955	1962	1976	rVV	204850	335648	42.03%	4.630%
81	14.013	1981	1989	1993	rBV7	4285	10107	1.27%	0.139%
82	14.068	1993	1998	2007	rVB3	15348	26370	3.30%	0.364%
83	14.214	2019	2022	2026	rBV5	872	1384	0.17%	0.019%
84	14.318	2034	2039	2048	rBV2	23614	36681	4.59%	0.506%
85	14.428	2052	2057	2062	rVB3	3306	5686	0.71%	0.078%
86	14.519	2070	2072	2073	rVB	407	160	0.02%	0.002%
87	14.684	2095	2099	2103	rBV2	7977	11997	1.50%	0.165%
88	14.793	2115	2117	2119	rVB2	327	264	0.03%	0.004%
89	14.860	2125	2128	2134	rVB6	734	1165	0.15%	0.016%
90	14.946	2138	2142	2149	rVV5	2059	3858	0.48%	0.053%
91	15.062	2157	2161	2165	rBV3	4686	8714	1.09%	0.120%
92	15.110	2165	2169	2176	rVB5	7151	13618	1.71%	0.188%
93	15.208	2176	2185	2189	rBV3	6137	16778	2.10%	0.231%
94	15.293	2195	2199	2206	rVB2	9975	16673	2.09%	0.230%
95	15.708	2265	2267	2270	rBV3	350	284	0.04%	0.004%
96	15.842	2284	2289	2295	rBV3	10525	18227	2.28%	0.251%
97	15.952	2305	2307	2314	rVB5	2479	3529	0.44%	0.049%
98	16.128	2335	2336	2337	rBV	586	263	0.03%	0.004%
99	16.653	2420	2422	2424	rBV2	518	430	0.05%	0.006%
100	16.677	2424	2426	2427	rBV2	463	339	0.04%	0.005%

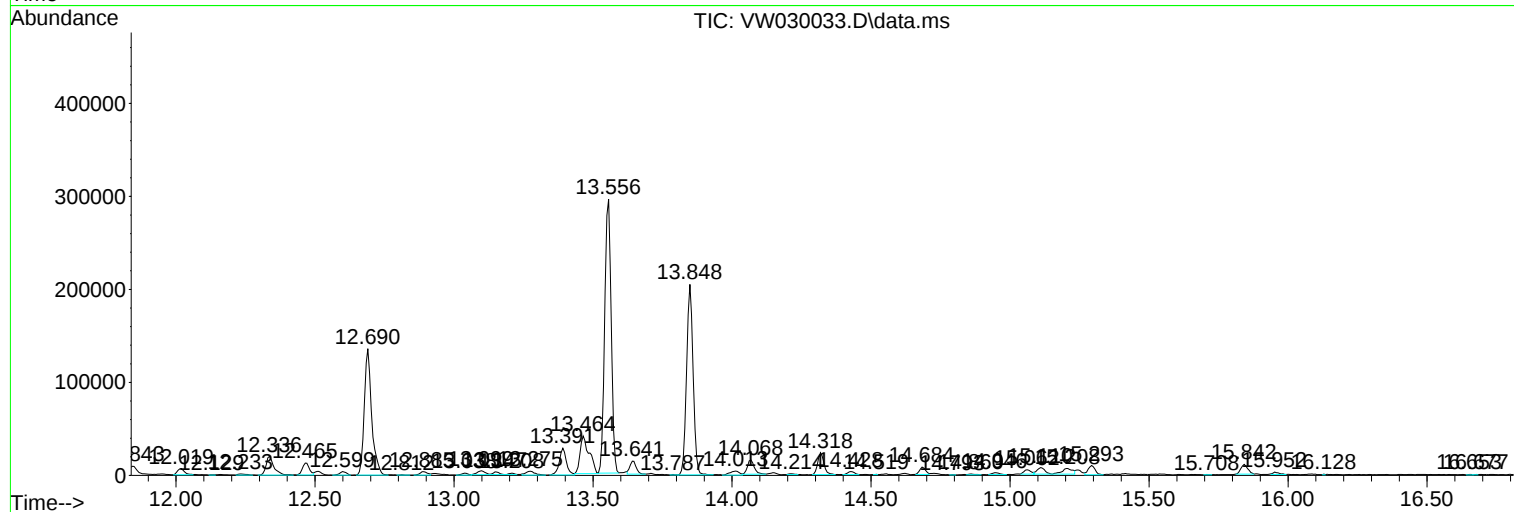
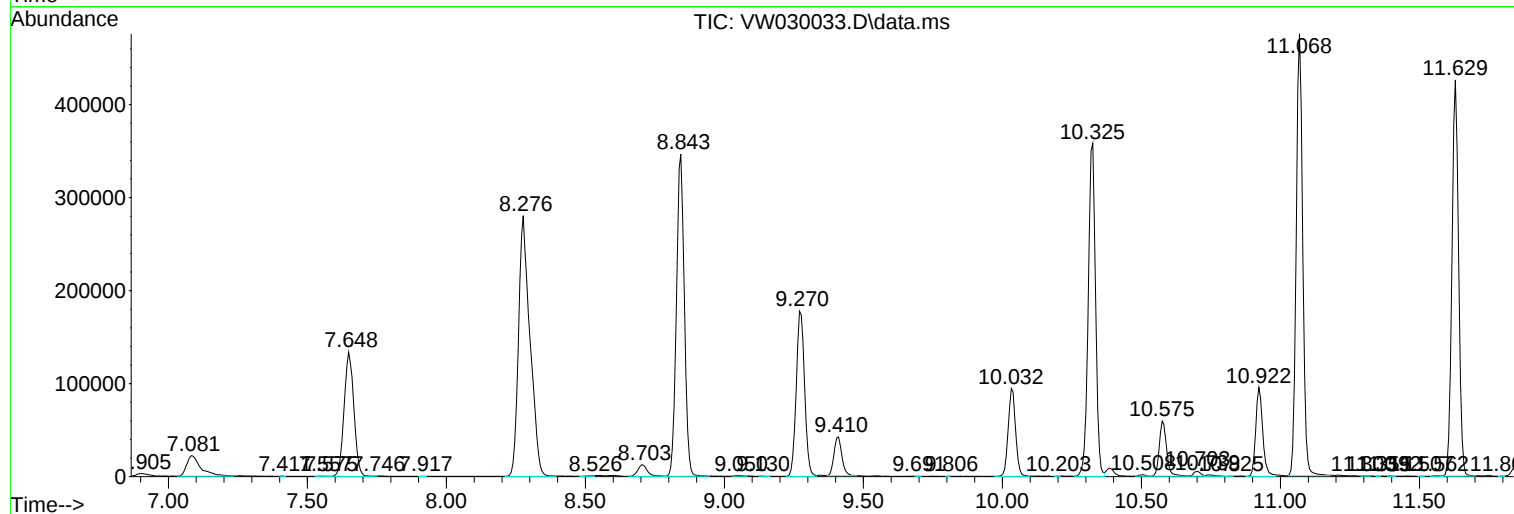
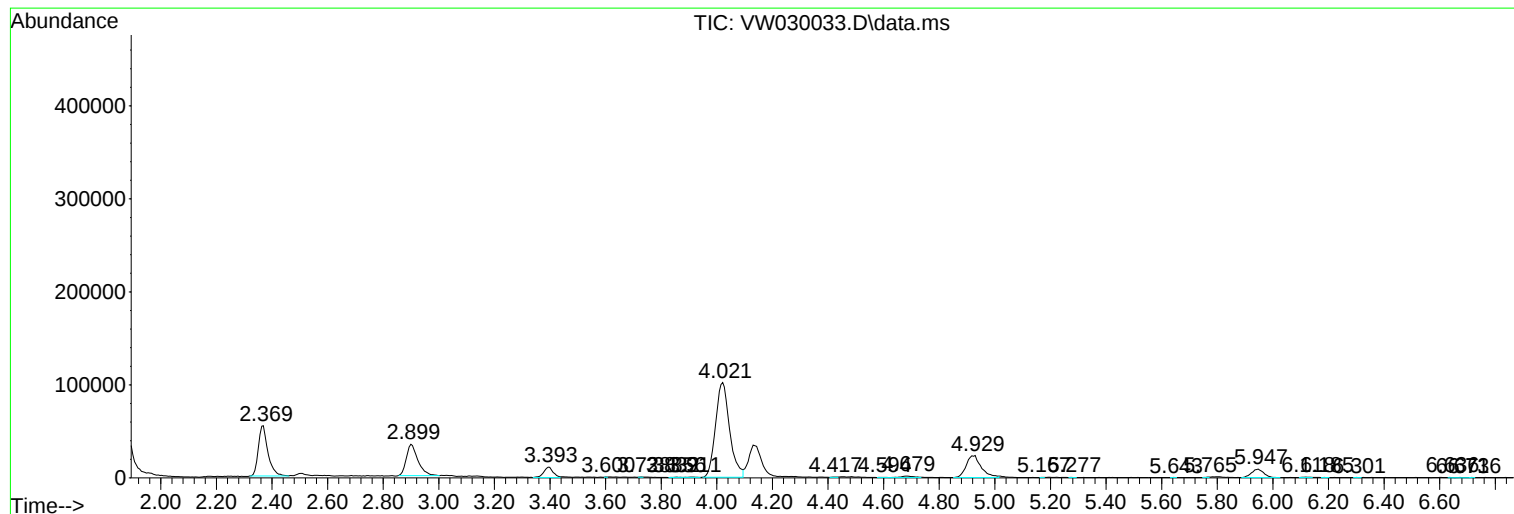
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MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



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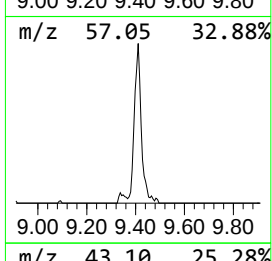
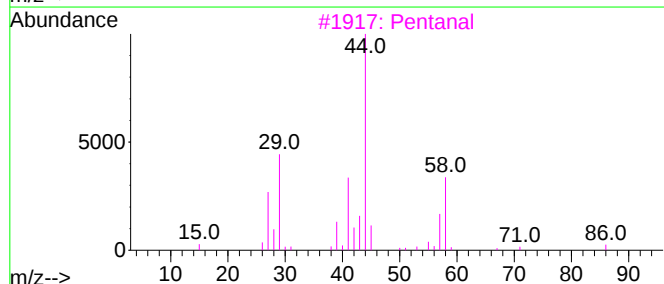
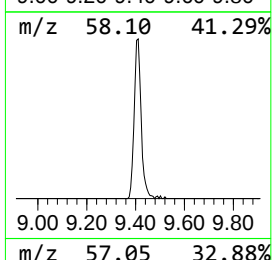
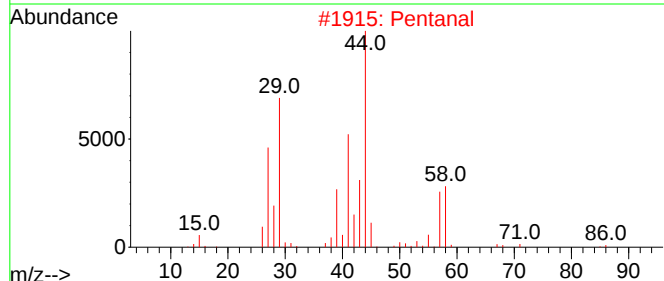
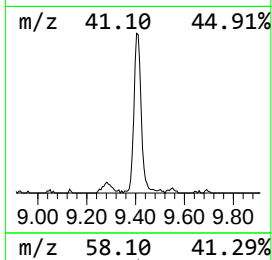
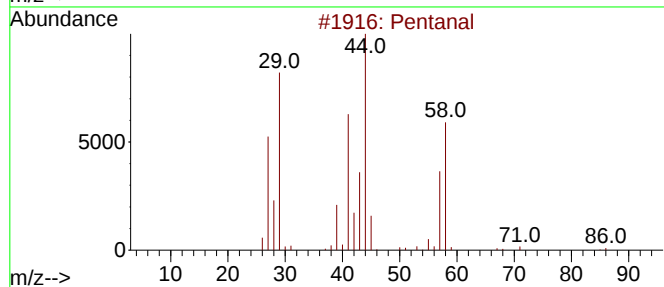
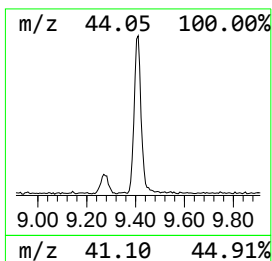
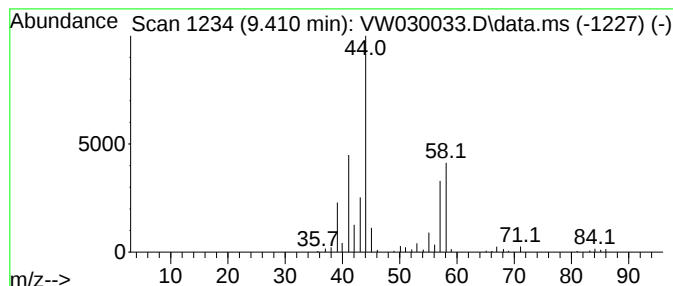
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	3.00 ug/L	81873	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	90
2	Pentanal			86	C5H10O	000110-62-3	90
3	Pentanal			86	C5H10O	000110-62-3	78
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64
5	Pentanal			86	C5H10O	000110-62-3	64



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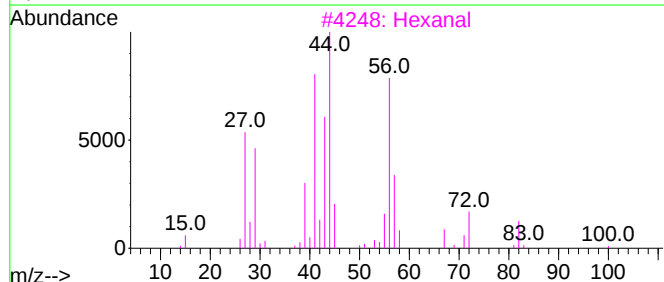
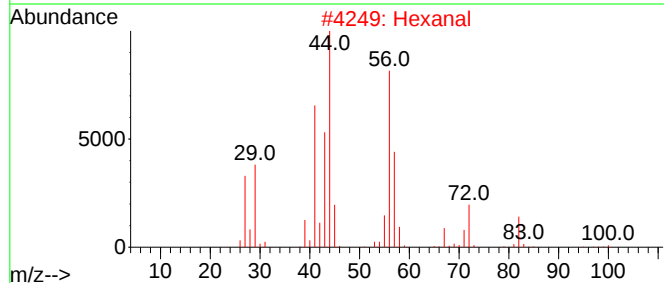
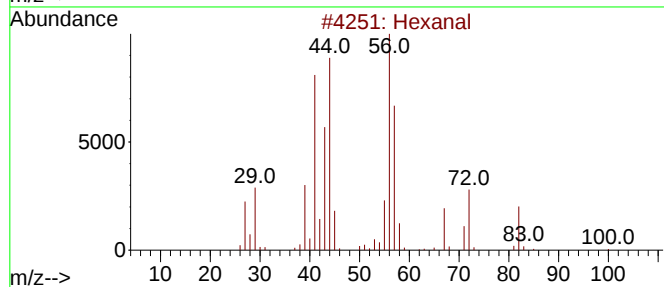
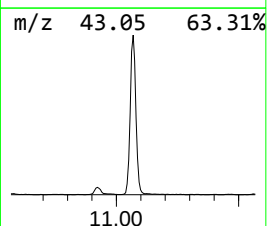
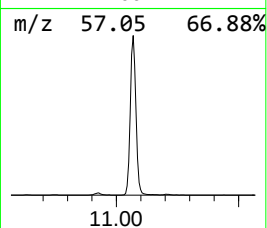
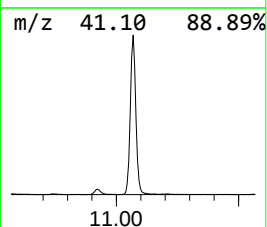
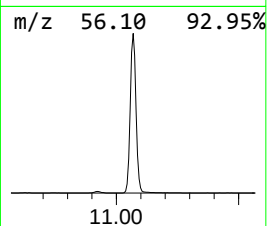
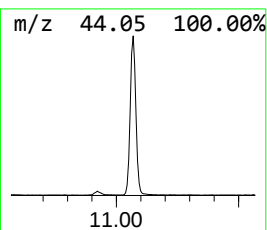
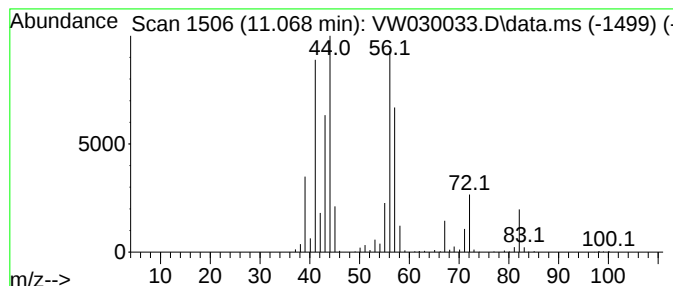
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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	27.06 ug/L	766097	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	90
3	Hexanal			100	C6H12O	000066-25-1	90
4	Hexanal			100	C6H12O	000066-25-1	86
5	Hexanal			100	C6H12O	000066-25-1	62



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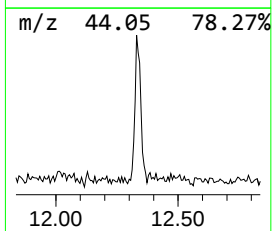
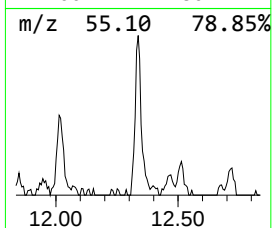
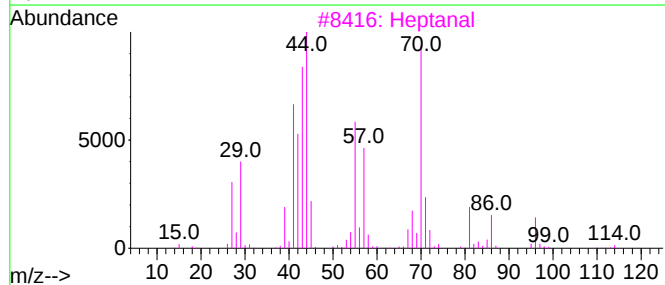
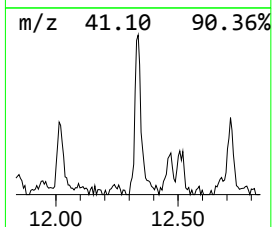
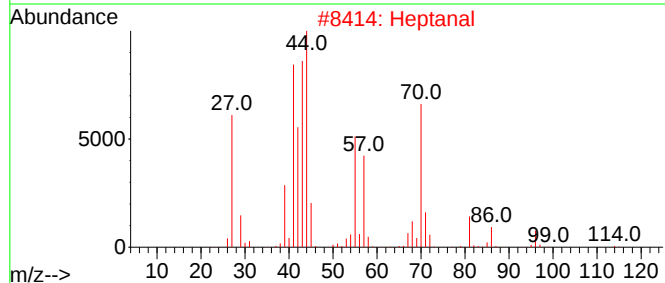
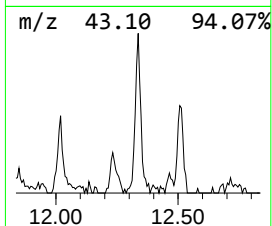
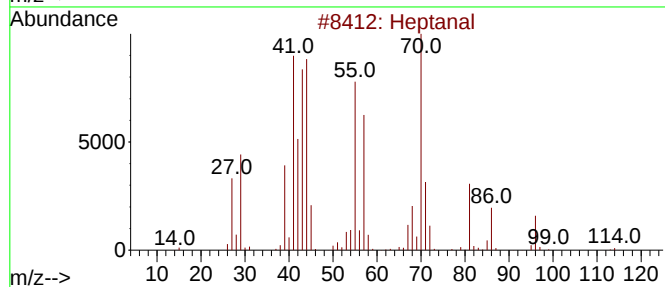
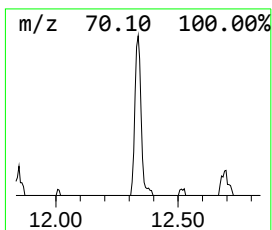
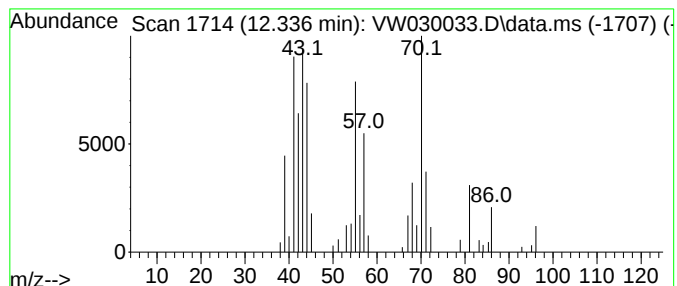
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	1.39 ug/L	39449	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	90
2	Heptanal			114	C7H14O	000111-71-7	64
3	Heptanal			114	C7H14O	000111-71-7	64
4	Heptanal			114	C7H14O	000111-71-7	64
5	Heptanal			114	C7H14O	000111-71-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030033.D
Acq On : 27 Aug 2024 10:20
Operator : SY/MD
Sample : P3721-06
Misc : 4.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYJ0

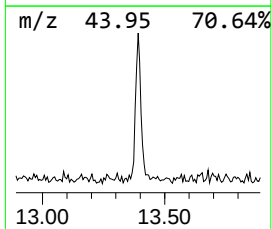
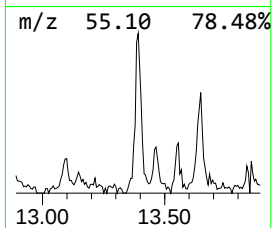
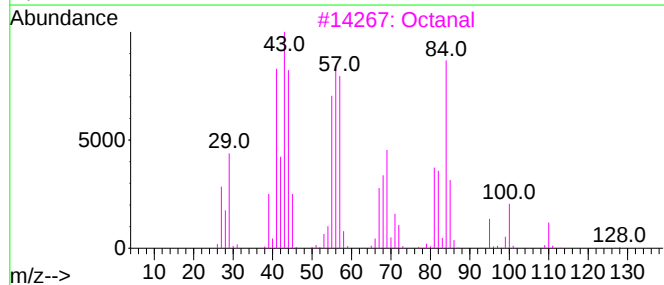
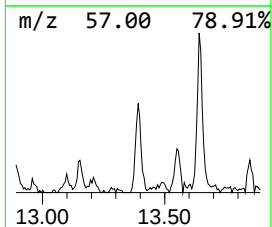
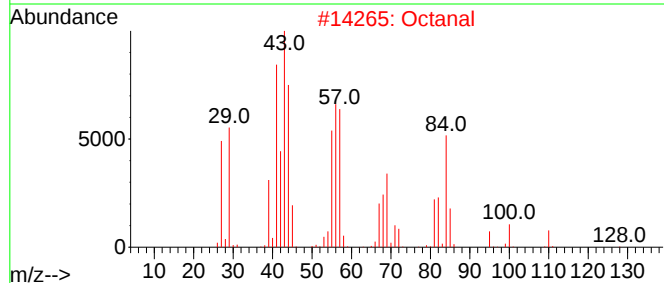
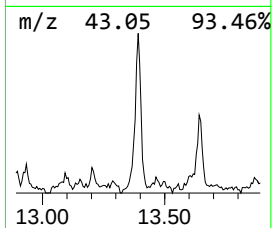
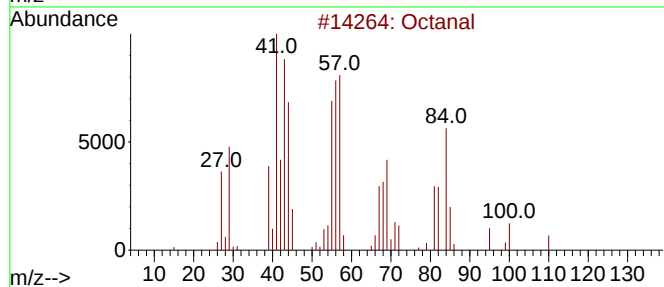
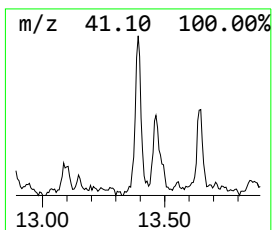
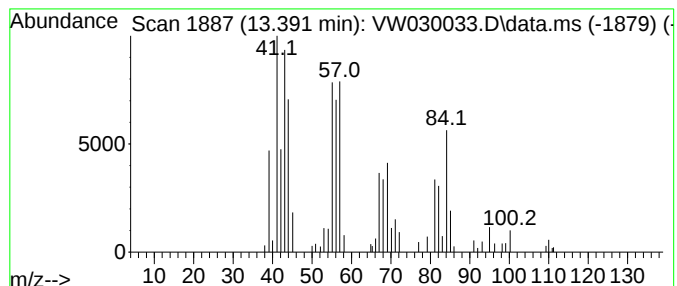
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Quant Title : SFAM01.0

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

Peak Number 5 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	2.68 ug/L	51191	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	90
3	Octanal			128	C8H16O	000124-13-0	83
4	Octanal			128	C8H16O	000124-13-0	64
5	Octanal			128	C8H16O	000124-13-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030033.D
Acq On : 27 Aug 2024 10:20
Operator : SY/MD
Sample : P3721-06
Misc : 4.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYJ0

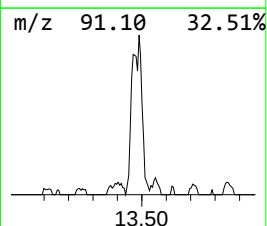
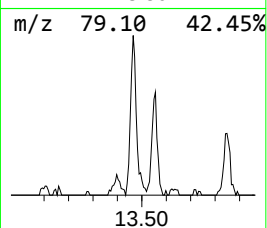
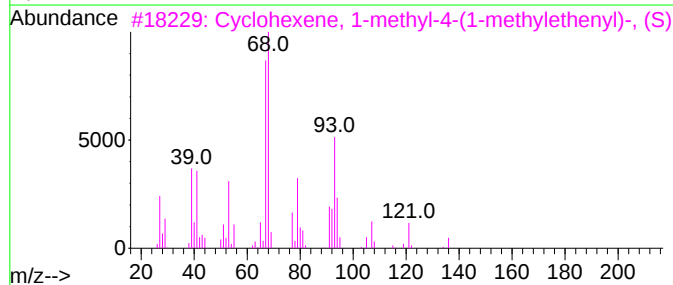
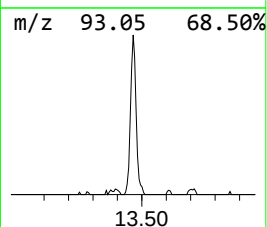
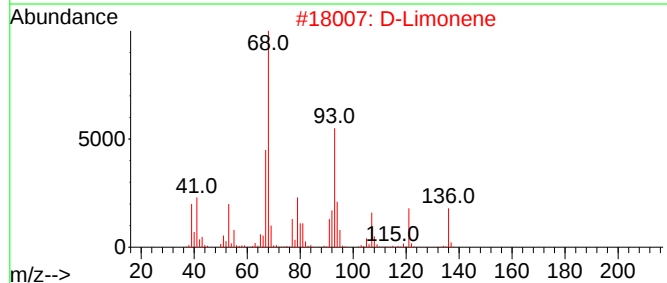
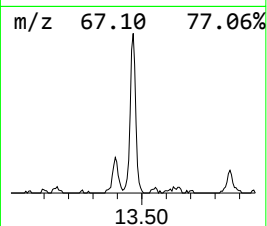
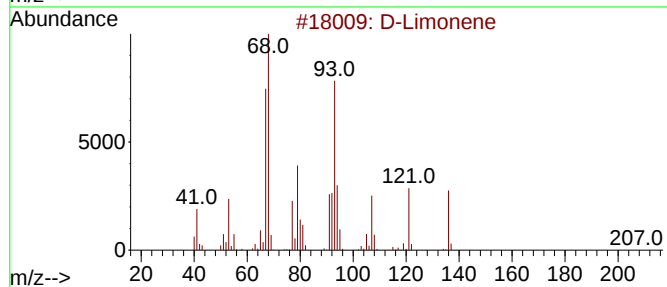
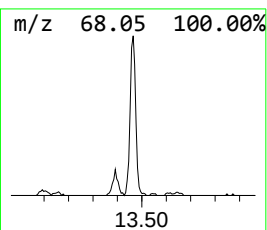
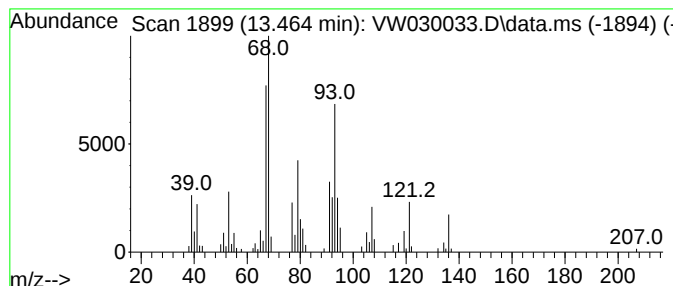
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Quant Title : SFAM01.0

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

Peak Number 6 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	4.79 ug/L	91428	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			D-Limonene	136	C10H16	005989-27-5	94
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	93
4			Limonene	136	C10H16	000138-86-3	86
5			Limonene	136	C10H16	000138-86-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030033.D
Acq On : 27 Aug 2024 10:20
Operator : SY/MD
Sample : P3721-06
Misc : 4.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYJ0

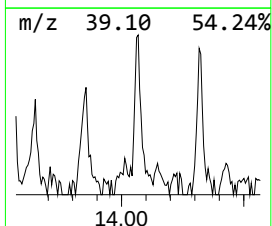
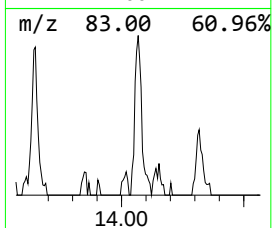
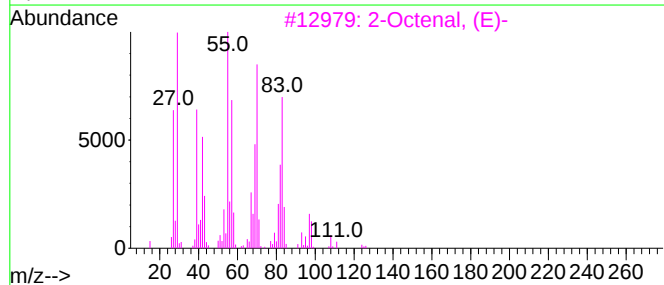
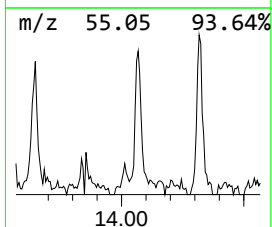
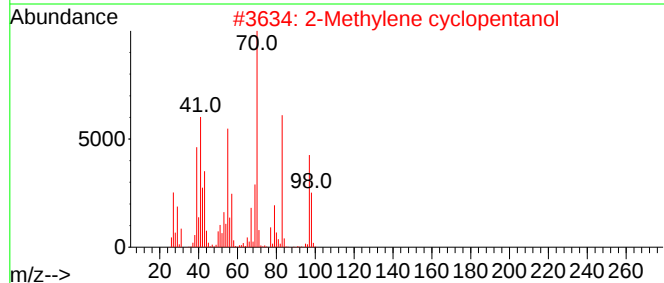
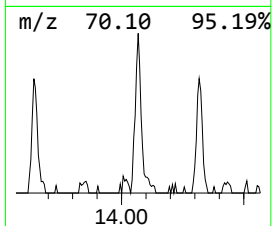
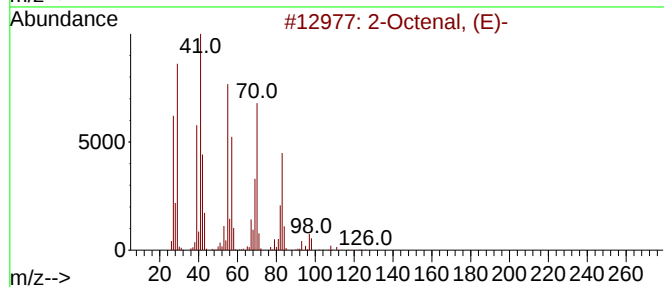
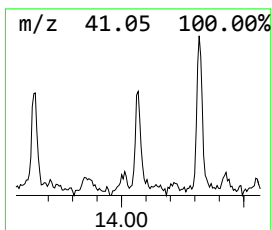
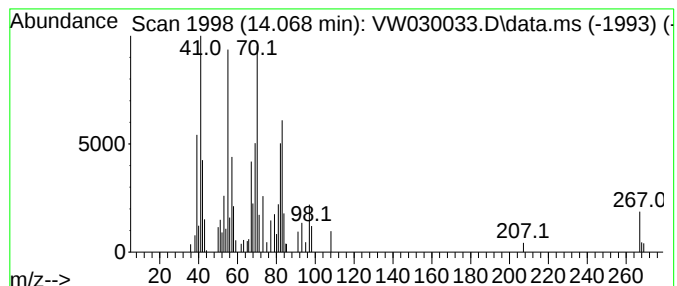
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Quant Title : SFAM01.0

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

Peak Number 7 2-Octenal, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	1.38 ug/L	26370	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octenal, (E)-	126	C8H14O	002548-87-0	50
2			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	49
3			2-Octenal, (E)-	126	C8H14O	002548-87-0	47
4			Octane, 4-chloro-	148	C8H17Cl	000999-07-5	43
5			2-Octenal, (E)-	126	C8H14O	002548-87-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030033.D
Acq On : 27 Aug 2024 10:20
Operator : SY/MD
Sample : P3721-06
Misc : 4.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYJ0

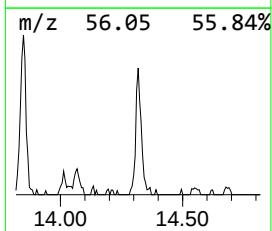
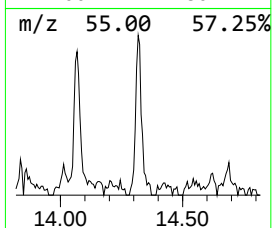
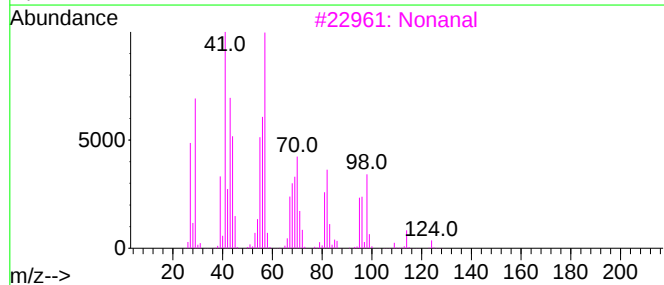
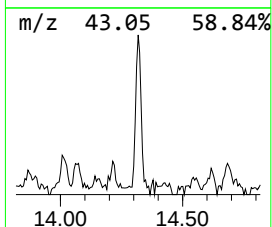
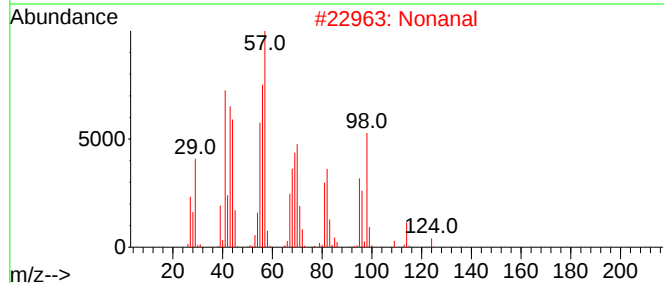
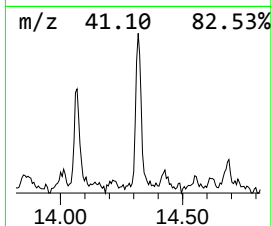
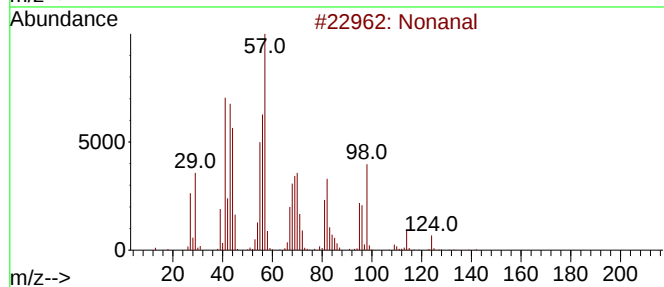
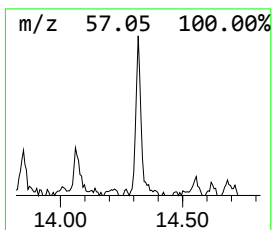
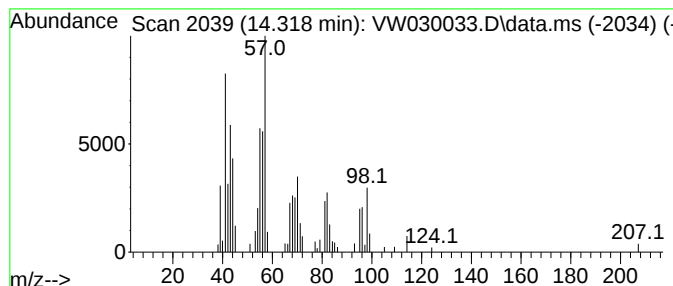
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Quant Title : SFAM01.0

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

Peak Number 8 Nonanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.92 ug/L	36681	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	90
2	Nonanal			142	C9H18O	000124-19-6	86
3	Nonanal			142	C9H18O	000124-19-6	80
4	Nonanal			142	C9H18O	000124-19-6	64
5	Cycloheptane			98	C7H14	000291-64-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030033.D
Acq On : 27 Aug 2024 10:20
Operator : SY/MD
Sample : P3721-06
Misc : 4.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 6 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\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.410	3.0	ug/L	81873	1	8.843	681285	25.0
Hexanal	11.068	27.1	ug/L	766097	2	11.629	707667	25.0
Heptanal	12.336	1.4	ug/L	39449	2	11.629	707667	25.0
Octanal	13.391	2.7	ug/L	51191	3	13.556	477389	25.0
D-Limonene	13.464	4.8	ug/L	91428	3	13.556	477389	25.0
2-Octenal, (E)-	14.068	1.4	ug/L	26370	3	13.556	477389	25.0
Nonanal	14.318	1.9	ug/L	36681	3	13.556	477389	25.0