

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030050.D
 Acq On : 27 Aug 2024 17:33
 Operator : SY/MD
 Sample : P3733-04
 Misc : 9.18g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4498

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: VW030050.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	97	rBV2	44792	136615	12.43%	1.442%
2	2.893	159	165	182	rVB	39043	115911	10.55%	1.223%
3	3.466	257	259	262	rVB2	251	204	0.02%	0.002%
4	3.637	285	287	290	rBV	195	241	0.02%	0.003%
5	3.673	290	293	295	rBV2	372	356	0.03%	0.004%
6	3.692	295	296	299	rBV2	373	303	0.03%	0.003%
7	4.021	337	350	364	rBV	96911	362674	33.00%	3.827%
8	4.551	436	437	440	rVB2	382	272	0.02%	0.003%
9	4.844	483	485	486	rBV	201	161	0.01%	0.002%
10	4.929	488	499	514	rVV3	8730	36563	3.33%	0.386%
11	5.149	533	535	537	rVB	180	120	0.01%	0.001%
12	5.167	537	538	541	rBV	144	177	0.02%	0.002%
13	5.216	543	546	547	rBV2	157	156	0.01%	0.002%
14	5.435	574	582	586	rVB6	549	1314	0.12%	0.014%
15	5.472	586	588	590	rVB2	221	172	0.02%	0.002%
16	5.508	592	594	597	rBV2	135	182	0.02%	0.002%
17	5.533	597	598	601	rVB2	172	123	0.01%	0.001%
18	5.588	604	607	612	rBV2	263	341	0.03%	0.004%
19	5.856	650	651	652	rBV	206	127	0.01%	0.001%
20	5.941	655	665	676	rVV3	5304	15602	1.42%	0.165%
21	6.063	684	685	688	rBV2	140	139	0.01%	0.001%
22	6.124	692	695	699	rVV3	515	512	0.05%	0.005%
23	6.155	699	700	703	rVB	275	151	0.01%	0.002%
24	6.197	706	707	710	rBV3	251	226	0.02%	0.002%
25	6.264	716	718	719	rBV	247	121	0.01%	0.001%
26	6.447	744	748	750	rBV2	163	220	0.02%	0.002%
27	6.575	767	769	773	rVB2	151	132	0.01%	0.001%
28	6.703	785	790	792	rVB2	190	263	0.02%	0.003%
29	6.752	795	798	800	rBV	242	150	0.01%	0.002%
30	6.905	816	823	833	rBV4	3135	9729	0.89%	0.103%
31	7.081	844	852	881	rVB	30423	103684	9.43%	1.094%
32	7.392	898	903	905	rBV2	265	383	0.03%	0.004%
33	7.539	925	927	929	rBV3	337	375	0.03%	0.004%
34	7.648	935	945	960	rBV	183199	448829	40.84%	4.736%
35	7.776	964	966	969	rVB2	621	470	0.04%	0.005%
36	7.807	969	971	974	rVB2	258	193	0.02%	0.002%

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37	7.862	978	980	982	rVB	163	118	0.01%	0.001%
38	7.880	982	983	986	rVB2	205	140	0.01%	0.001%
39	7.910	986	988	991	rBV2	128	143	0.01%	0.002%
40	7.953	991	995	998	rBV2	515	611	0.06%	0.006%
41	8.020	1004	1006	1008	rVB	183	168	0.02%	0.002%
42	8.069	1011	1014	1017	rBV2	343	453	0.04%	0.005%
43	8.276	1036	1048	1066	rBV2	371546	1099059	100.00%	11.598%
44	8.465	1077	1079	1081	rBV	226	175	0.02%	0.002%
45	8.551	1086	1093	1100	rVB5	871	2293	0.21%	0.024%
46	8.612	1100	1103	1104	rBV2	164	159	0.01%	0.002%
47	8.630	1104	1106	1109	rVB2	423	339	0.03%	0.004%
48	8.709	1112	1119	1129	rBV3	3071	7679	0.70%	0.081%
49	8.843	1131	1141	1159	rBV	429486	857017	77.98%	9.044%
50	9.014	1167	1169	1171	rBV2	286	202	0.02%	0.002%
51	9.075	1176	1179	1180	rBV3	841	779	0.07%	0.008%
52	9.203	1197	1200	1202	rBV	121	118	0.01%	0.001%
53	9.270	1202	1211	1221	rBV	245794	510998	46.49%	5.393%
54	9.404	1227	1233	1246	rVB	52450	101263	9.21%	1.069%
55	9.526	1252	1253	1256	rVB	356	231	0.02%	0.002%
56	9.636	1267	1271	1273	rBV3	292	387	0.04%	0.004%
57	9.660	1273	1275	1279	rVV2	506	663	0.06%	0.007%
58	9.691	1279	1280	1282	rVB	297	136	0.01%	0.001%
59	9.715	1282	1284	1287	rVB2	203	227	0.02%	0.002%
60	9.739	1287	1288	1290	rBV	179	137	0.01%	0.001%
61	9.825	1300	1302	1304	rVB	185	131	0.01%	0.001%
62	9.861	1306	1308	1310	rVB2	126	123	0.01%	0.001%
63	9.916	1314	1317	1318	rBV2	145	163	0.01%	0.002%
64	10.032	1328	1336	1347	rBV	138737	248430	22.60%	2.622%
65	10.209	1359	1365	1370	rBV3	725	1518	0.14%	0.016%
66	10.319	1372	1383	1393	rBV	498391	917675	83.50%	9.684%
67	10.501	1408	1413	1417	rBV3	326	667	0.06%	0.007%
68	10.575	1419	1425	1437	rVB	85805	149940	13.64%	1.582%
69	10.697	1439	1445	1451	rBV2	9516	17386	1.58%	0.183%
70	10.861	1469	1472	1475	rBV3	1169	1485	0.14%	0.016%
71	10.922	1475	1482	1498	rVV	144485	246580	22.44%	2.602%
72	11.068	1499	1506	1520	rBV	515347	829115	75.44%	8.750%
73	11.501	1575	1577	1579	rBV	258	171	0.02%	0.002%
74	11.526	1579	1581	1582	rBV	182	141	0.01%	0.001%
75	11.629	1590	1598	1608	rBV	571913	968253	88.10%	10.218%
76	11.849	1629	1634	1643	rVB3	6239	13672	1.24%	0.144%

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 Title : SFAM01.0

77	12.184	1681	1689	1690	rBV6	3412	8336	0.76%	0.088%
78	12.336	1709	1714	1721	rVB2	30804	49717	4.52%	0.525%
79	12.471	1731	1736	1739	rBV4	2491	4655	0.42%	0.049%
80	12.599	1753	1757	1765	rVB2	11643	19463	1.77%	0.205%
81	12.690	1765	1772	1779	rBV	194116	315755	28.73%	3.332%
82	12.757	1779	1783	1787	rVB5	1294	2187	0.20%	0.023%
83	12.897	1799	1806	1808	rBV4	2256	3914	0.36%	0.041%
84	13.038	1826	1829	1833	rVB3	2415	3223	0.29%	0.034%
85	13.099	1833	1839	1843	rBV4	3932	7575	0.69%	0.080%
86	13.208	1855	1857	1859	rBV3	526	421	0.04%	0.004%
87	13.391	1882	1887	1894	rVB	30261	46806	4.26%	0.494%
88	13.556	1907	1914	1921	rBV	489395	806477	73.38%	8.511%
89	13.641	1924	1928	1950	rVB	41093	122258	11.12%	1.290%
90	13.848	1955	1962	1970	rBV	354375	591215	53.79%	6.239%
91	14.318	2035	2039	2046	rVB	21539	33899	3.08%	0.358%
92	14.470	2056	2064	2085	rVB3	48624	209215	19.04%	2.208%
93	14.623	2085	2089	2092	rBV4	2743	5262	0.48%	0.056%
94	15.171	2176	2179	2181	rBV3	1439	1952	0.18%	0.021%
95	15.244	2188	2191	2196	rBV5	2205	3299	0.30%	0.035%
96	15.683	2261	2263	2265	rBV2	436	280	0.03%	0.003%
97	15.720	2267	2269	2272	rBV2	469	409	0.04%	0.004%
98	15.842	2284	2289	2297	rVB2	11576	20669	1.88%	0.218%
99	16.238	2347	2354	2358	rBV7	769	1808	0.16%	0.019%
100	16.439	2383	2387	2390	rBV3	770	1114	0.10%	0.012%

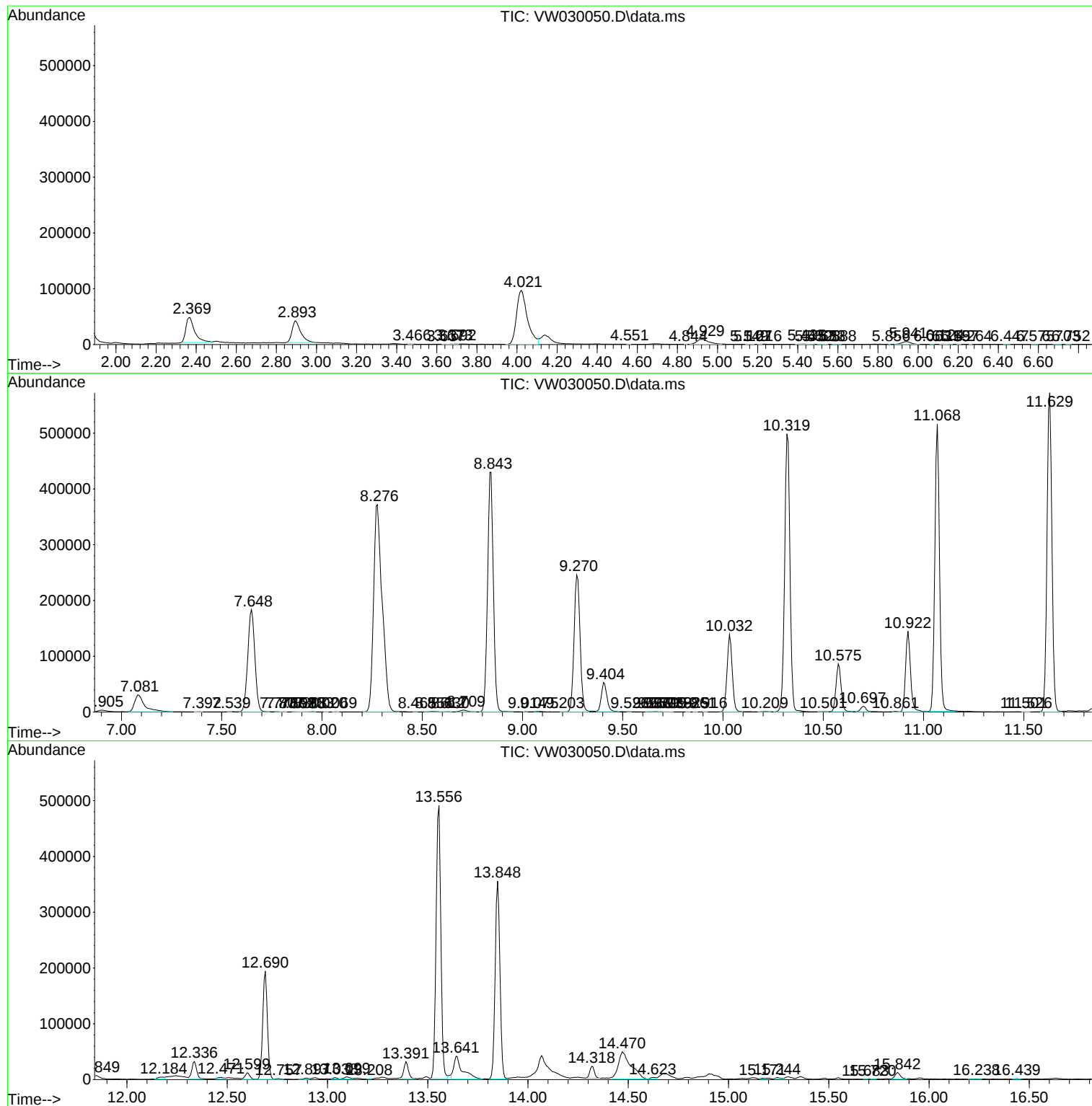
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



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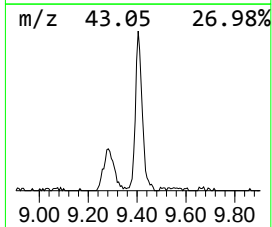
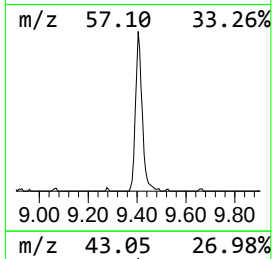
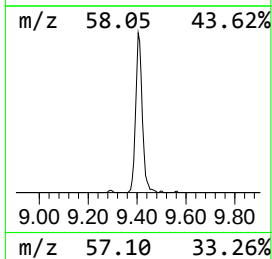
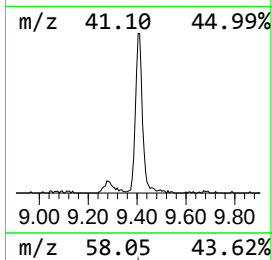
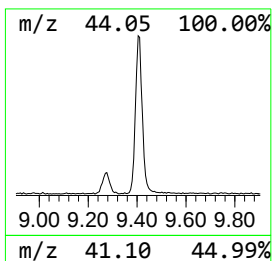
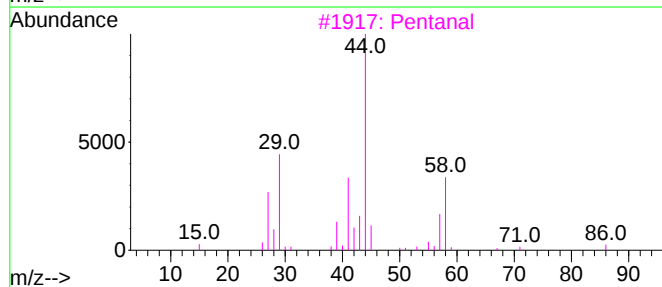
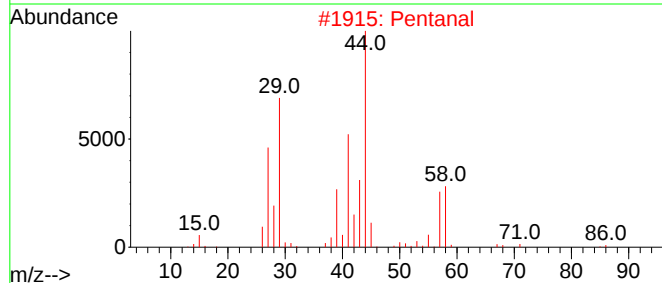
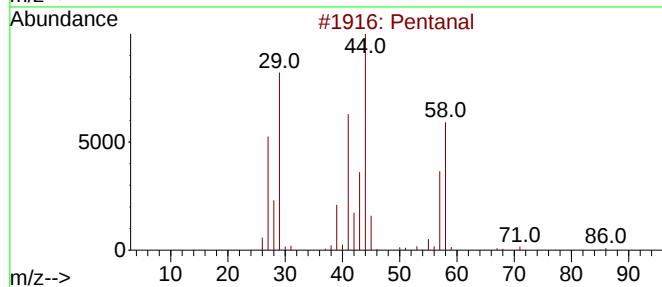
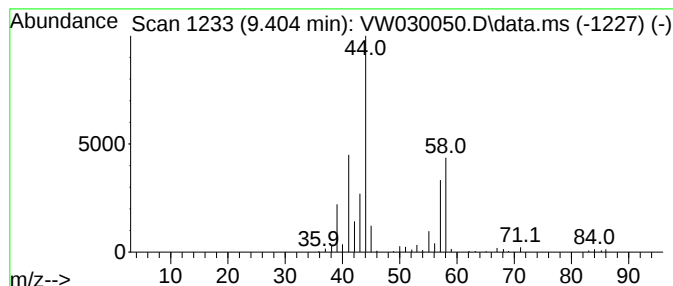
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	2.95 ug/L	101263	1,4-Difluorobenzene	8.843

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



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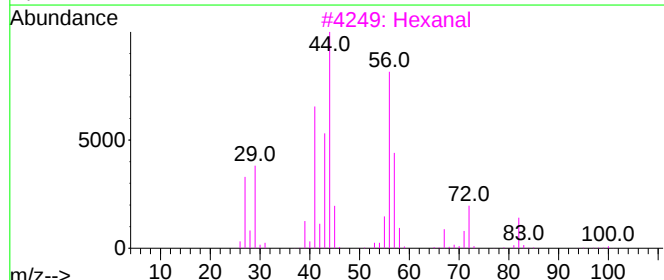
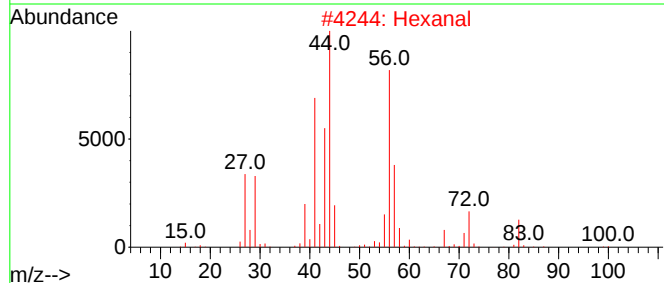
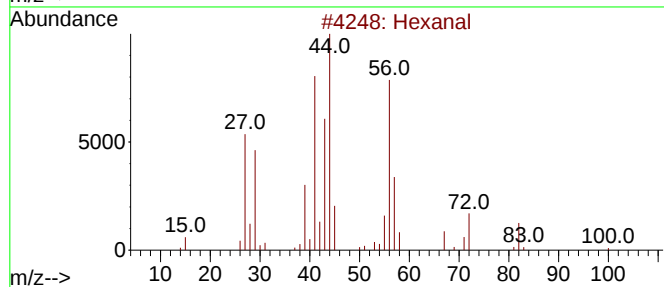
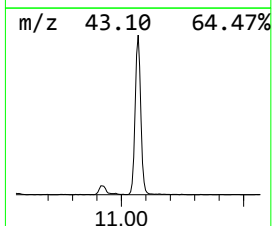
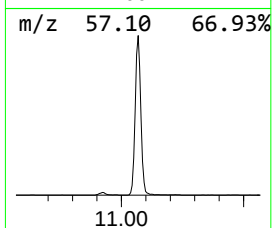
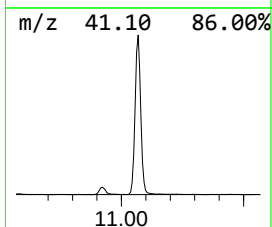
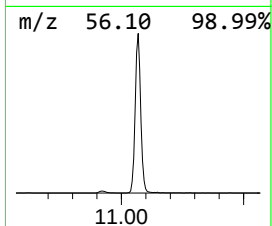
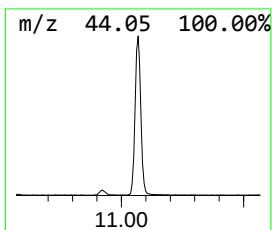
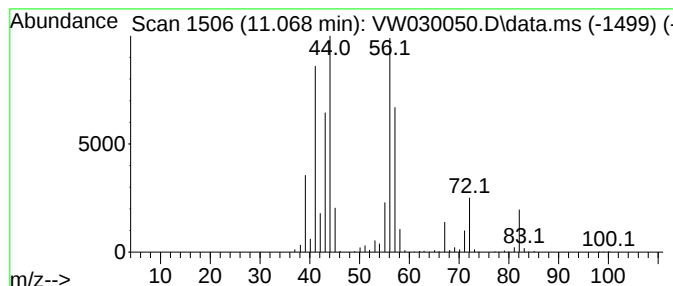
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	21.41 ug/L	829115	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	91
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	81



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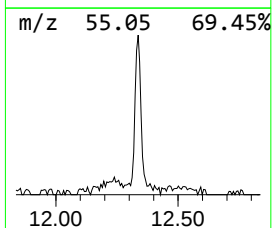
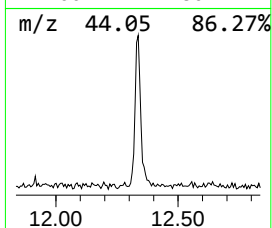
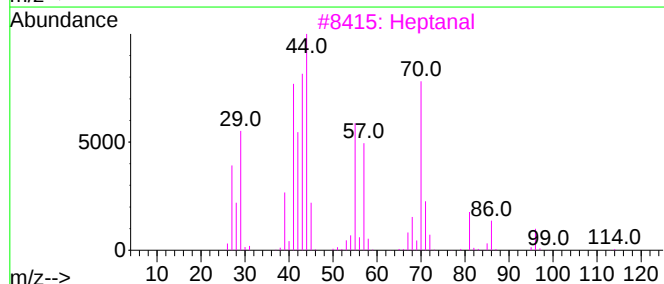
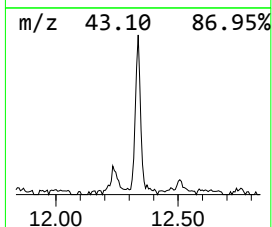
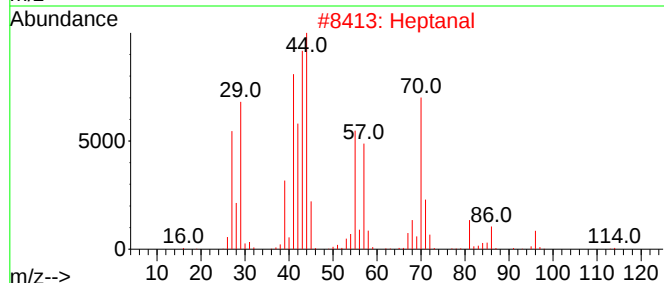
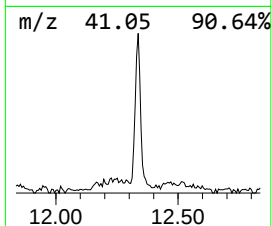
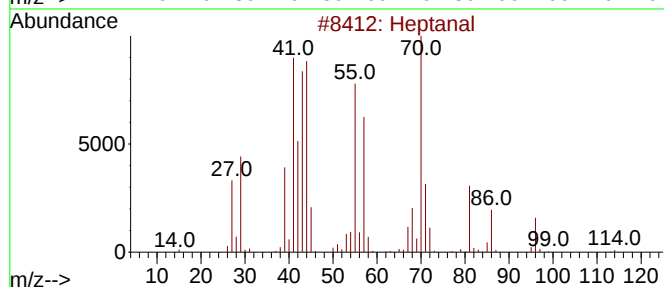
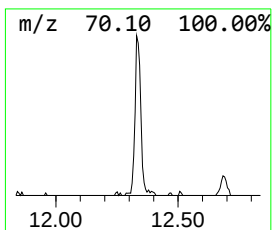
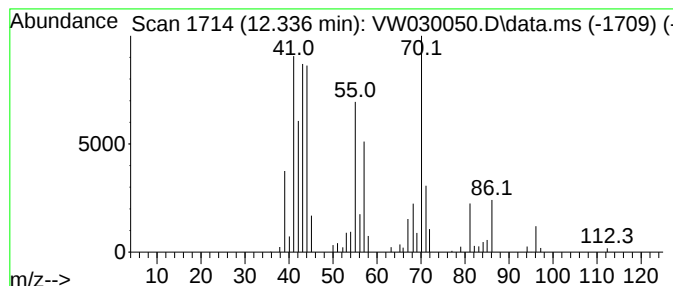
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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	1.28 ug/L	49717	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	86
3		Heptanal	114	C7H14O	000111-71-7	80
4		Heptanal	114	C7H14O	000111-71-7	78
5		Heptanal	114	C7H14O	000111-71-7	72



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Operator : SY/MD
Sample : P3733-04
Misc : 9.18g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4498

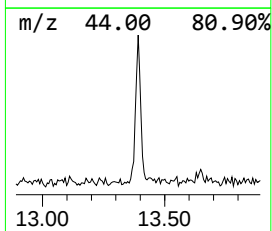
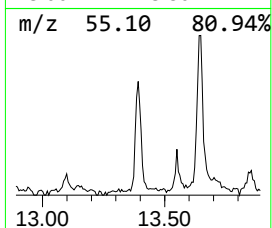
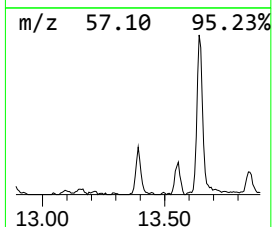
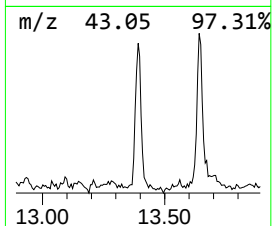
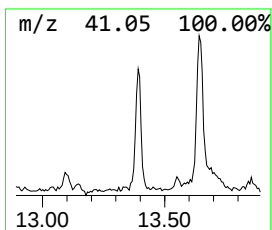
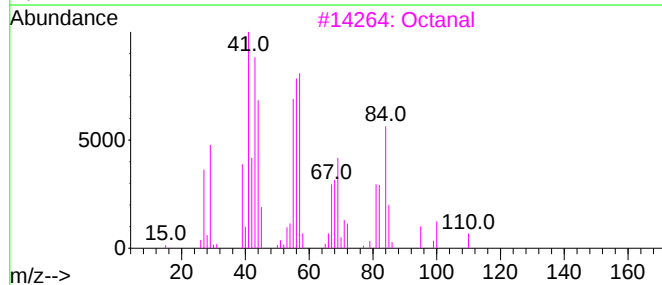
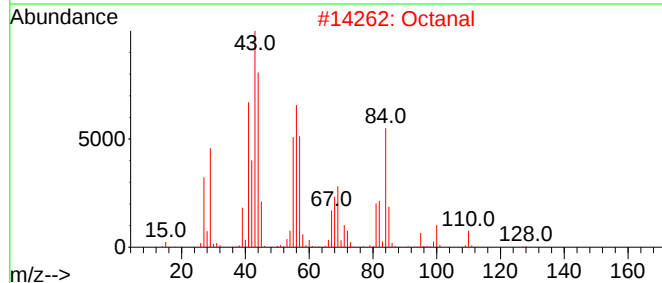
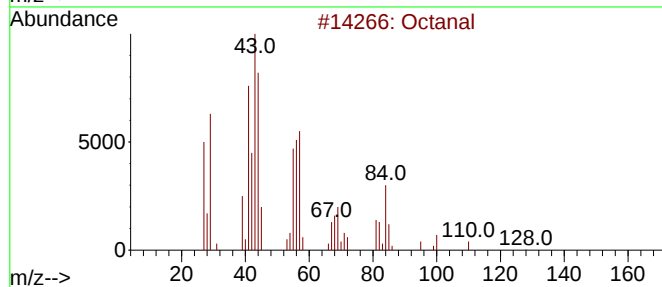
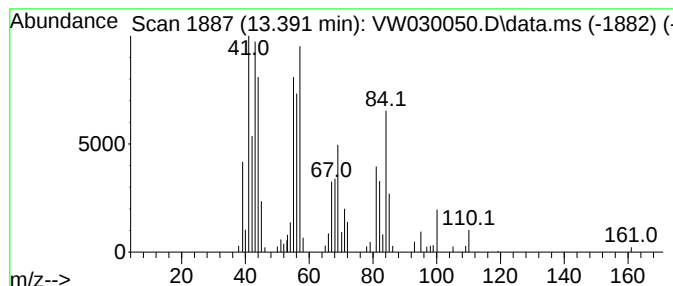
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Quant Title : SFAM01.0

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

Peak Number 5 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	1.45 ug/L	46806	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	90
2	Octanal			128	C8H16O	000124-13-0	90
3	Octanal			128	C8H16O	000124-13-0	87
4	Octanal			128	C8H16O	000124-13-0	86
5	Octanal			128	C8H16O	000124-13-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030050.D
Acq On : 27 Aug 2024 17:33
Operator : SY/MD
Sample : P3733-04
Misc : 9.18g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4498

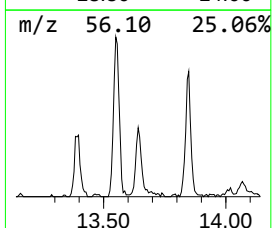
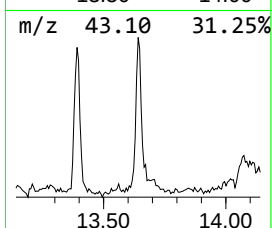
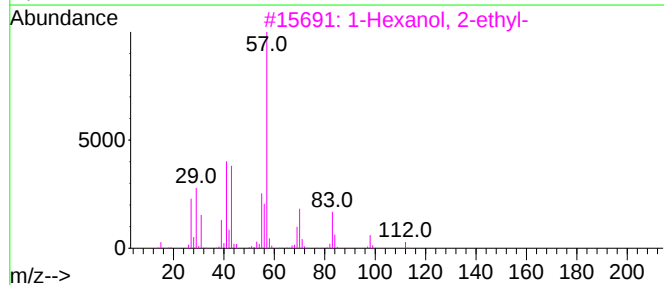
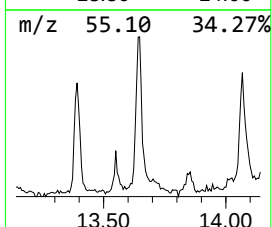
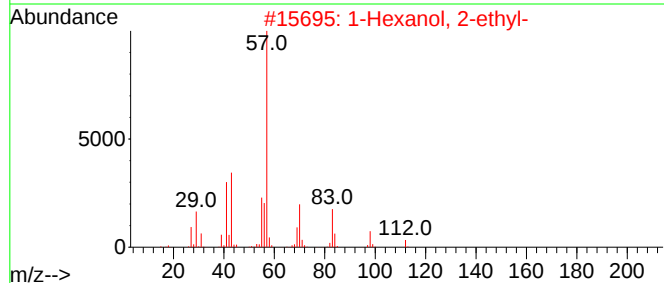
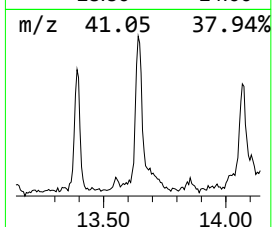
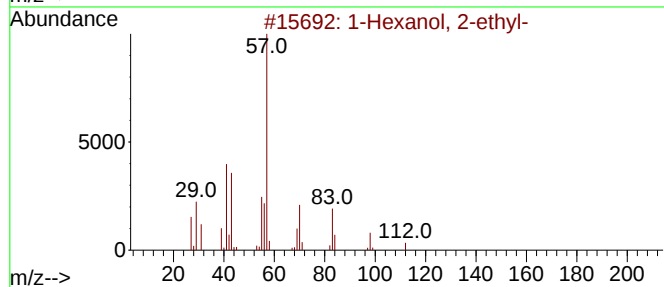
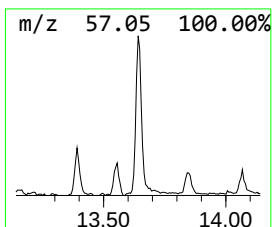
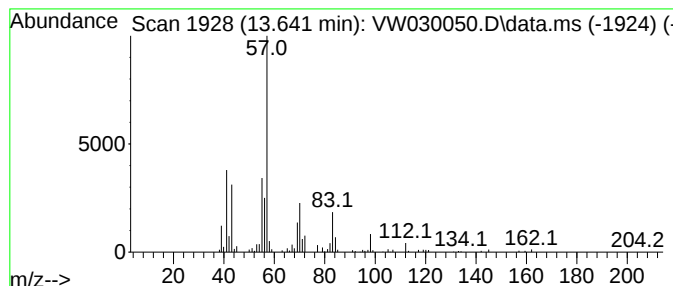
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Quant Title : SFAM01.0

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	3.79 ug/L	122258	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030050.D
Acq On : 27 Aug 2024 17:33
Operator : SY/MD
Sample : P3733-04
Misc : 9.18g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4498

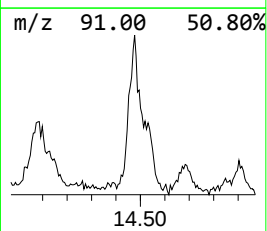
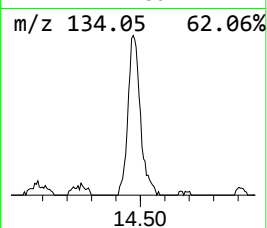
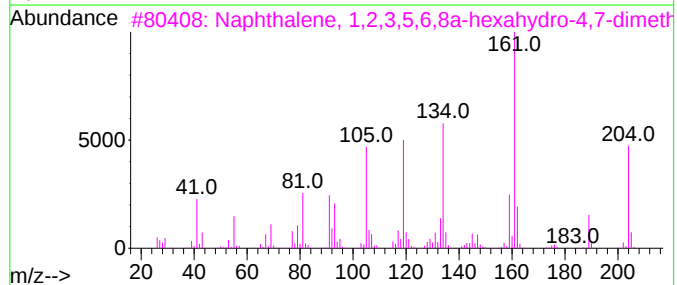
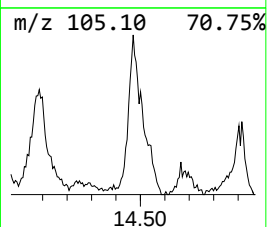
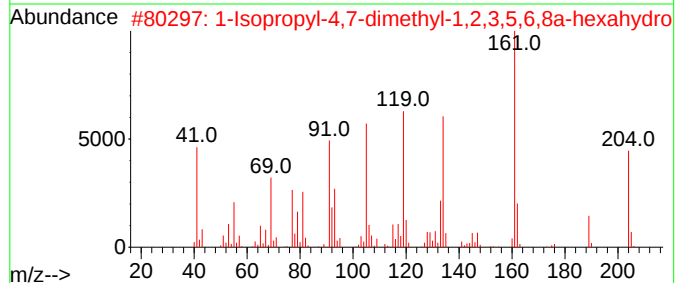
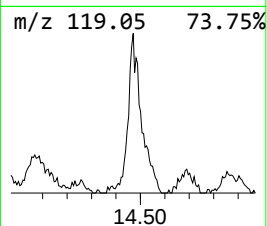
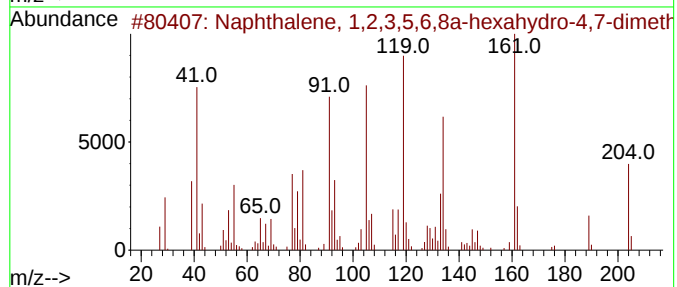
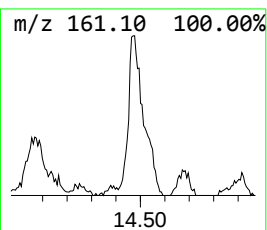
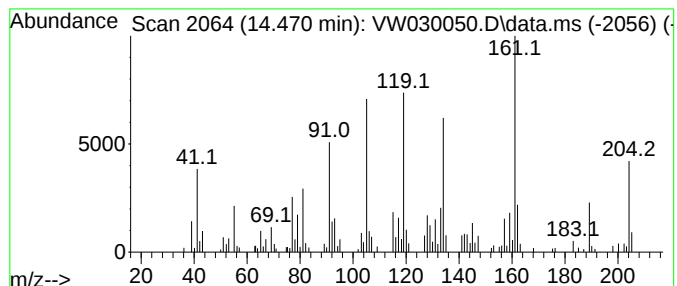
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.470	6.49 ug/L	209215	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	94
2			1-Isopropyl-4,7-dimethyl-1,2,3,5...	204	C15H24	016729-01-4	93
3			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	92
4			Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	90
5			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030050.D
Acq On : 27 Aug 2024 17:33
Operator : SY/MD
Sample : P3733-04
Misc : 9.18g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4498

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	9.404	3.0	ug/L	101263	1	8.843	857017	25.0
Hexanal	11.068	21.4	ug/L	829115	2	11.629	968253	25.0
Heptanal	12.336	1.3	ug/L	49717	2	11.629	968253	25.0
Octanal	13.391	1.5	ug/L	46806	3	13.556	806477	25.0
1-Hexanol, 2-et...	13.641	3.8	ug/L	122258	3	13.556	806477	25.0
Naphthalene, 1,...	14.470	6.5	ug/L	209215	3	13.556	806477	25.0