

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029565.D
 Acq On : 12 Jul 2024 21:08
 Operator : SY/MD
 Sample : P3230-10
 Misc : 5.51g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB49

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\SFAMWLM070824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029565.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	40	41	44	rBV3	653	654	0.01%	0.003%
2	2.222	49	55	56	rBV	5176	8782	0.11%	0.044%
3	2.363	72	78	91	rBV	56624	131944	1.70%	0.654%
4	2.899	160	166	179	rVB	34298	96086	1.24%	0.476%
5	3.363	239	242	243	rBV3	682	715	0.01%	0.004%
6	3.387	243	246	251	rVB5	1018	1621	0.02%	0.008%
7	3.527	268	269	271	rBV	613	582	0.01%	0.003%
8	3.576	276	277	284	rVB6	921	728	0.01%	0.004%
9	3.680	290	294	295	rBV3	856	927	0.01%	0.005%
10	3.759	305	307	309	rVB2	844	654	0.01%	0.003%
11	3.893	325	329	330	rBV3	415	570	0.01%	0.003%
12	4.021	337	350	361	rBV3	101206	323910	4.18%	1.606%
13	4.399	401	412	413	rBV7	1433	4025	0.05%	0.020%
14	4.923	485	498	514	rBV2	54742	208703	2.69%	1.035%
15	5.143	529	534	535	rBV2	495	607	0.01%	0.003%
16	5.435	577	582	583	rBV4	1637	2421	0.03%	0.012%
17	5.594	607	608	612	rBV3	609	724	0.01%	0.004%
18	5.716	624	628	629	rBV3	621	575	0.01%	0.003%
19	5.777	634	638	639	rBV3	1143	1098	0.01%	0.005%
20	5.954	655	667	676	rBV3	7748	25196	0.33%	0.125%
21	6.124	689	695	697	rBV4	946	1979	0.03%	0.010%
22	6.203	706	708	711	rBV2	636	716	0.01%	0.004%
23	6.898	813	822	835	rBV2	12494	38770	0.50%	0.192%
24	7.075	843	851	857	rBV	30604	84133	1.09%	0.417%
25	7.173	857	867	885	rVV	544610	1466980	18.94%	7.273%
26	7.313	888	890	893	rVB3	834	650	0.01%	0.003%
27	7.539	922	927	934	rVV8	1623	4679	0.06%	0.023%
28	7.648	936	945	958	rVB	146706	362539	4.68%	1.797%
29	7.764	958	964	965	rBV5	797	1210	0.02%	0.006%
30	7.819	971	973	977	rBV3	489	730	0.01%	0.004%
31	7.947	989	994	996	rVB4	404	721	0.01%	0.004%
32	7.971	996	998	999	rBV2	670	632	0.01%	0.003%
33	8.039	1007	1009	1012	rVB3	563	608	0.01%	0.003%
34	8.276	1037	1048	1063	rBV2	292648	881980	11.39%	4.373%
35	8.471	1077	1080	1082	rBV4	681	672	0.01%	0.003%
36	8.526	1086	1089	1092	rBV3	465	645	0.01%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Title : SFAM01.0

37	8.551	1092	1093	1097	rBV4	737	1028	0.01%	0.005%
38	8.703	1111	1118	1124	rBV3	6175	14918	0.19%	0.074%
39	8.843	1131	1141	1151	rBV	385972	778885	10.06%	3.862%
40	9.026	1169	1171	1172	rBV2	740	607	0.01%	0.003%

41	9.093	1172	1182	1192	rVB2	175659	352409	4.55%	1.747%
42	9.270	1203	1211	1222	rBV	195956	416075	5.37%	2.063%
43	9.404	1227	1233	1246	rVV	93506	180257	2.33%	0.894%
44	9.557	1256	1258	1259	rVV2	1081	783	0.01%	0.004%
45	9.672	1272	1277	1279	rBV5	1300	2265	0.03%	0.011%

46	9.965	1321	1325	1327	rBV6	520	644	0.01%	0.003%
47	10.032	1327	1336	1345	rBV	100879	190677	2.46%	0.945%
48	10.160	1355	1357	1361	rVB4	1017	1109	0.01%	0.005%
49	10.325	1375	1384	1390	rBV	386766	701680	9.06%	3.479%
50	10.386	1390	1394	1404	rVV	20381	39481	0.51%	0.196%

51	10.508	1407	1414	1419	rVV	9941	17109	0.22%	0.085%
52	10.575	1419	1425	1440	rVB	64125	120630	1.56%	0.598%
53	10.703	1440	1446	1451	rBV	7724	13123	0.17%	0.065%
54	10.861	1462	1472	1479	rBV2	4503177	7744300	100.00%	38.395%
55	10.922	1479	1482	1498	rVB	117488	203374	2.63%	1.008%

56	11.068	1499	1506	1520	rVV	775538	1242266	16.04%	6.159%
57	11.404	1556	1561	1572	rVB6	4178	10924	0.14%	0.054%
58	11.507	1574	1578	1584	rBV3	3202	5466	0.07%	0.027%
59	11.629	1589	1598	1606	rBV	519308	904030	11.67%	4.482%
60	11.709	1606	1611	1623	rVV2	9466	22324	0.29%	0.111%

61	11.794	1623	1625	1626	rVV2	1329	1005	0.01%	0.005%
62	11.837	1626	1632	1642	rVB3	20754	42300	0.55%	0.210%
63	12.026	1661	1663	1665	rVB2	983	708	0.01%	0.004%
64	12.129	1676	1680	1681	rBV3	1512	1718	0.02%	0.009%
65	12.166	1681	1686	1691	rVB2	6410	11097	0.14%	0.055%

66	12.233	1694	1697	1704	rVB3	3162	6082	0.08%	0.030%
67	12.337	1706	1714	1726	rBV	280740	449131	5.80%	2.227%
68	12.507	1738	1742	1747	rBV2	5534	8301	0.11%	0.041%
69	12.599	1752	1757	1763	rVB3	17240	29428	0.38%	0.146%
70	12.690	1765	1772	1781	rVB	169537	276811	3.57%	1.372%

71	12.800	1786	1790	1794	rVB5	758	1354	0.02%	0.007%
72	12.903	1797	1807	1808	rBV8	3007	6650	0.09%	0.033%
73	12.928	1808	1811	1817	rVB5	3894	7173	0.09%	0.036%
74	13.038	1827	1829	1831	rVV2	860	876	0.01%	0.004%
75	13.086	1831	1837	1844	rVV8	4976	12981	0.17%	0.064%

76	13.275	1853	1868	1876	rBV5	7582	22575	0.29%	0.112%
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 Title : SFAM01.0

77	13.391	1880	1887	1896	rBV	466487	691752	8.93%	3.430%
78	13.556	1907	1914	1924	rBV	531982	872040	11.26%	4.323%
79	13.647	1924	1929	1937	rVB	15599	25710	0.33%	0.127%
80	13.757	1945	1947	1950	rVB4	1247	954	0.01%	0.005%
81	13.848	1954	1962	1969	rBV	349861	565836	7.31%	2.805%
82	14.013	1985	1989	1992	rBV4	6186	8631	0.11%	0.043%
83	14.068	1992	1998	2007	rVB2	26085	49860	0.64%	0.247%
84	14.318	2033	2039	2052	rBV	210778	323689	4.18%	1.605%
85	14.550	2072	2077	2082	rVB	15432	23047	0.30%	0.114%
86	14.617	2084	2088	2092	rBV4	2610	4620	0.06%	0.023%
87	14.714	2101	2104	2110	rVB5	3063	4499	0.06%	0.022%
88	14.946	2137	2142	2147	rBV5	4861	9082	0.12%	0.045%
89	15.062	2157	2161	2164	rBV5	2746	4596	0.06%	0.023%
90	15.171	2175	2179	2188	rVB3	9310	16907	0.22%	0.084%
91	15.293	2197	2199	2200	rBV2	1094	762	0.01%	0.004%
92	15.391	2210	2215	2218	rVB6	1851	2686	0.03%	0.013%
93	15.452	2219	2225	2235	rVV4	9227	24321	0.31%	0.121%
94	15.543	2236	2240	2245	rVB4	4731	8432	0.11%	0.042%
95	15.659	2257	2259	2261	rVB3	1001	683	0.01%	0.003%
96	15.720	2265	2269	2272	rVV6	2032	2579	0.03%	0.013%
97	15.848	2284	2290	2296	rBV9	6805	13971	0.18%	0.069%
98	16.086	2325	2329	2334	rBV6	1499	2966	0.04%	0.015%
99	16.202	2345	2348	2352	rVV5	1062	1813	0.02%	0.009%
100	16.482	2384	2394	2400	rBV10	3078	9840	0.13%	0.049%

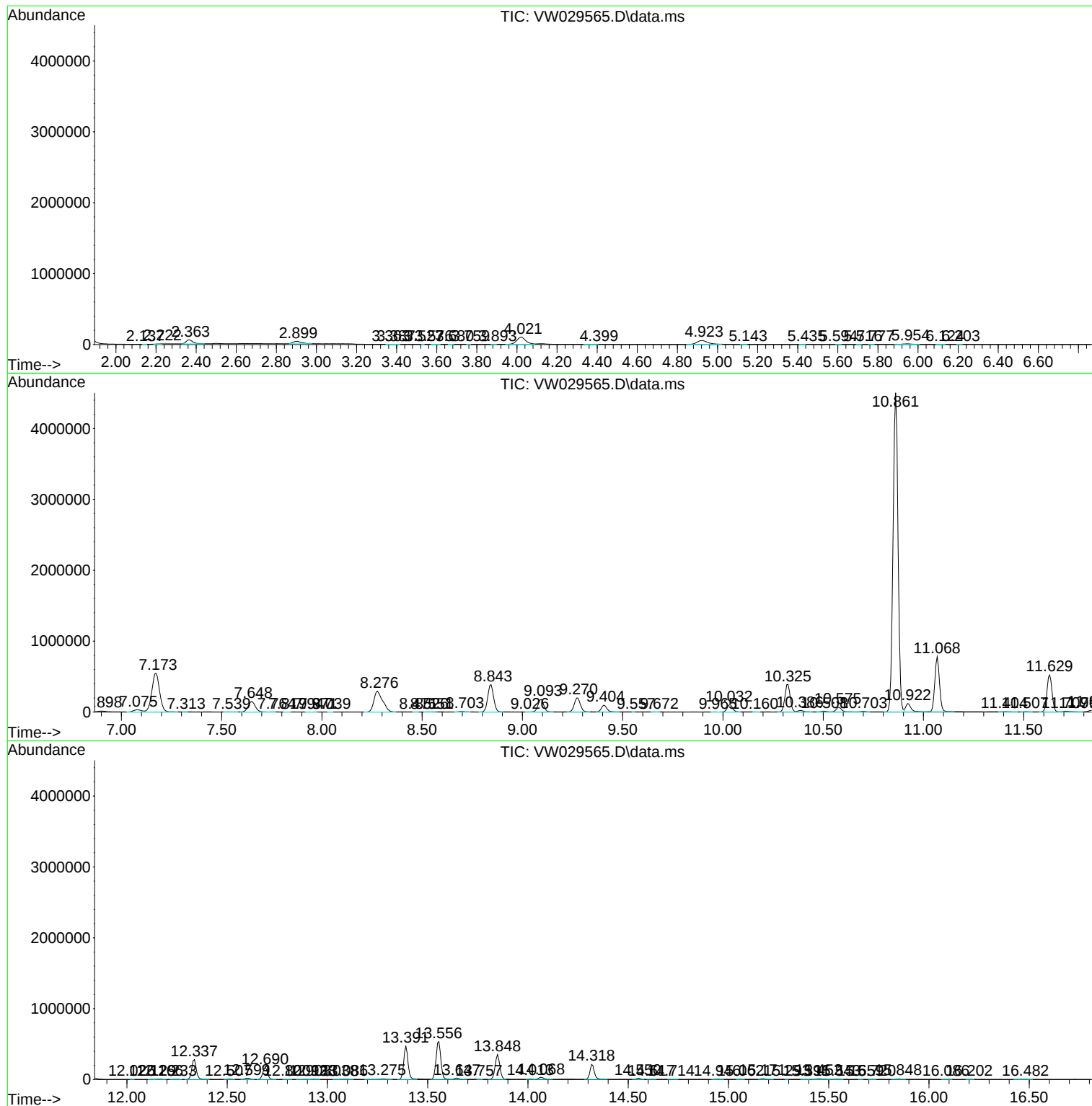
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

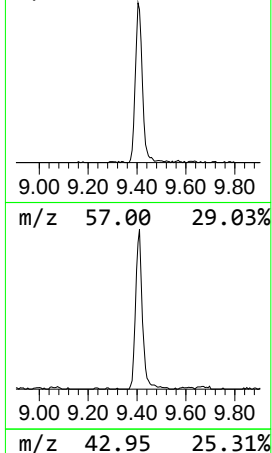
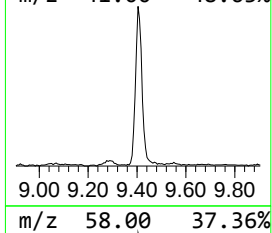
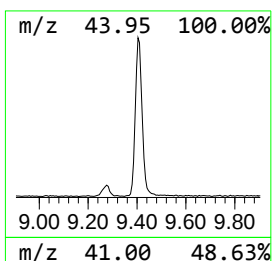
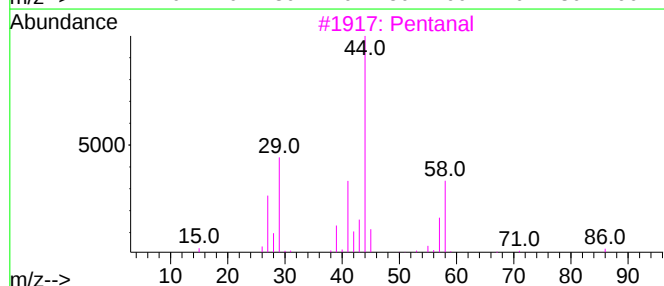
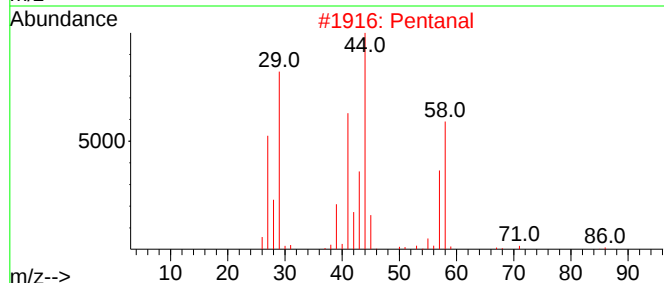
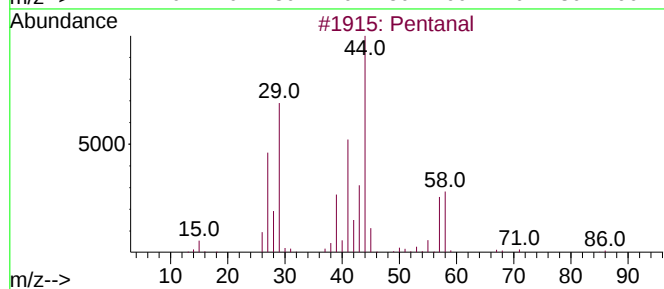
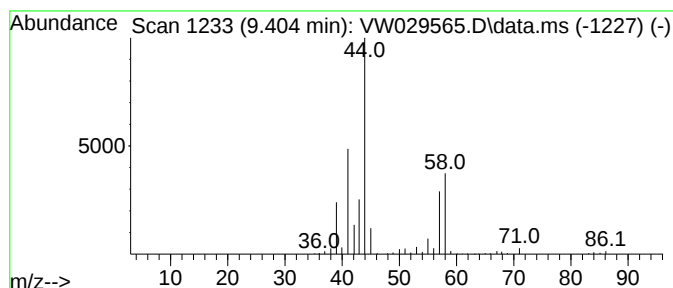
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	5.79 ug/L	180257	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	83
3	Pentanal			86	C5H10O	000110-62-3	74
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64



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Misc : 5.51g/10mL/MSVOA_W/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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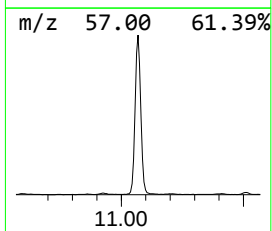
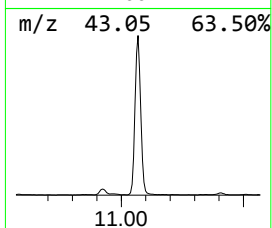
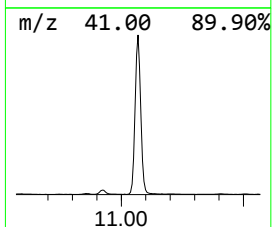
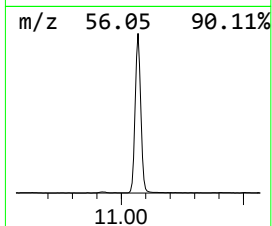
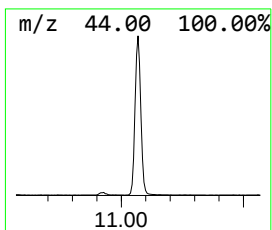
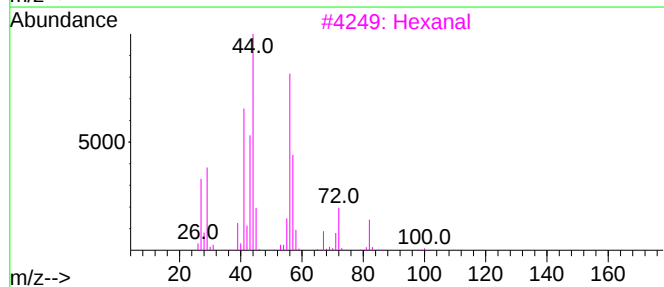
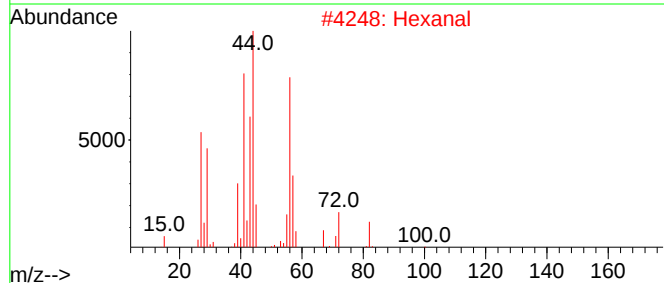
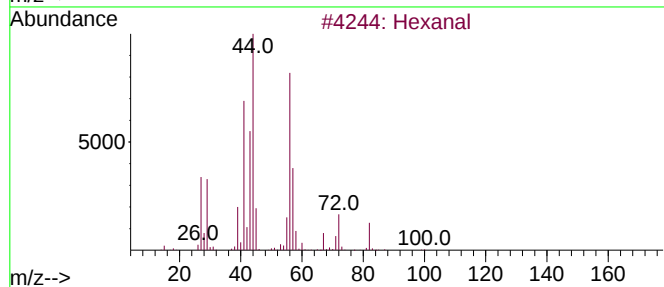
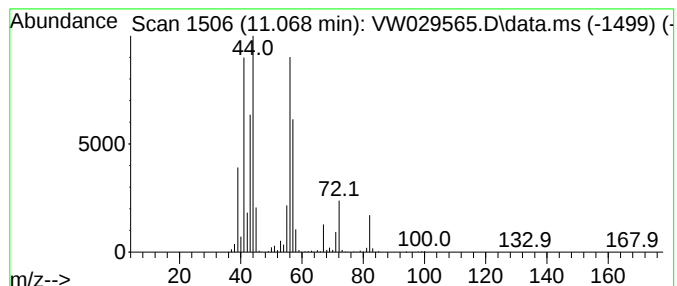
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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.
11.069	34.35 ug/L	1242270	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	87
2	Hexanal			100	C6H12O	000066-25-1	80
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	64



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Instrument :
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ClientSampleId :
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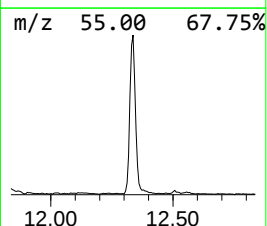
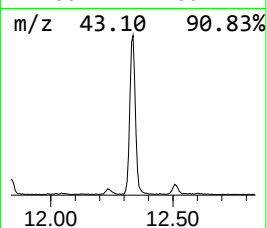
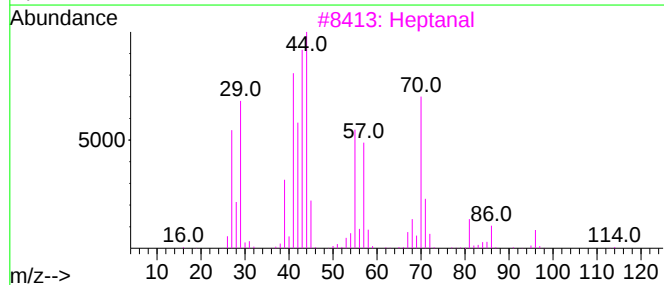
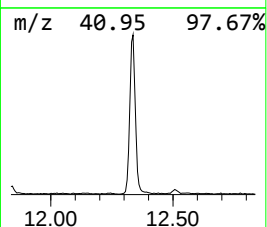
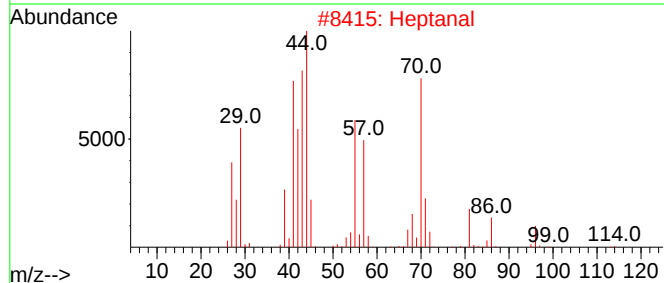
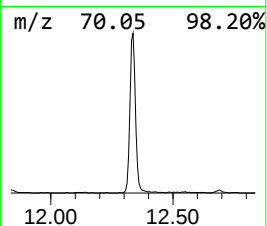
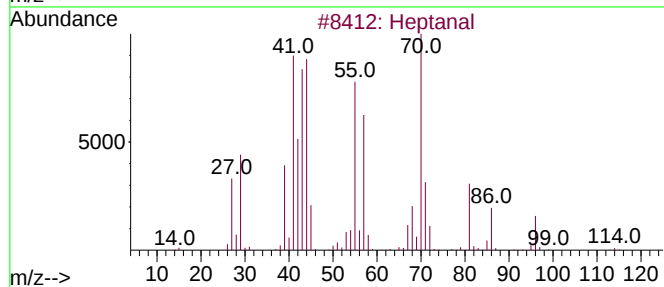
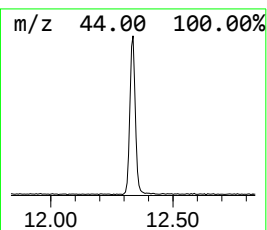
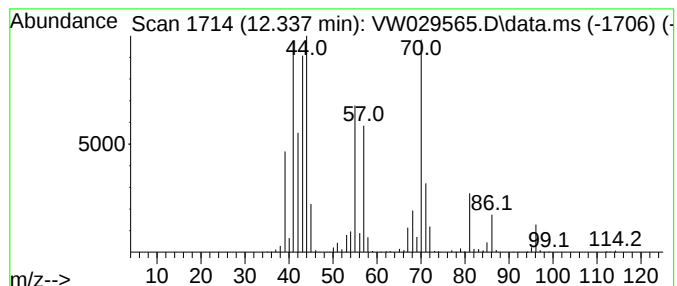
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Heptanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	12.42 ug/L	449131	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	98
2	Heptanal			114	C7H14O	000111-71-7	96
3	Heptanal			114	C7H14O	000111-71-7	93
4	Heptanal			114	C7H14O	000111-71-7	81
5	Heptanal			114	C7H14O	000111-71-7	80



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ClientSampleId :
BHB49

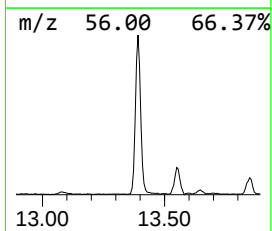
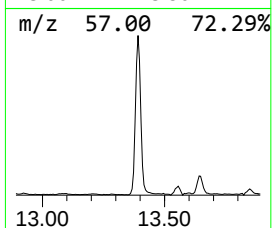
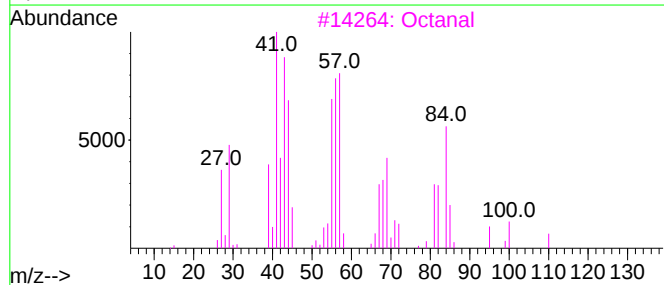
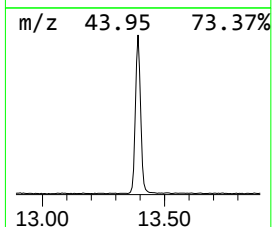
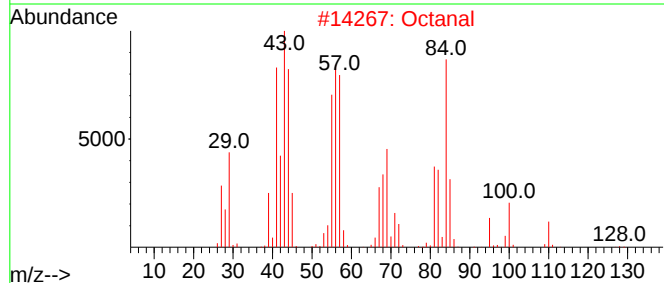
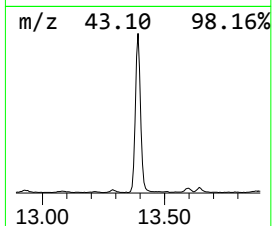
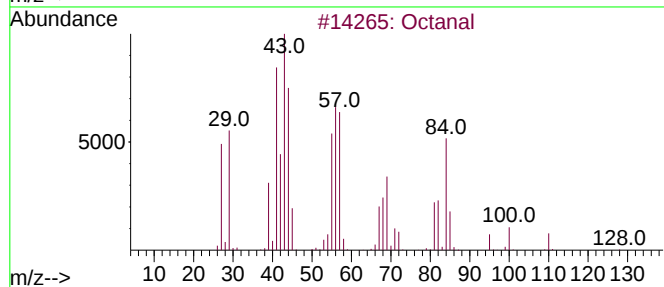
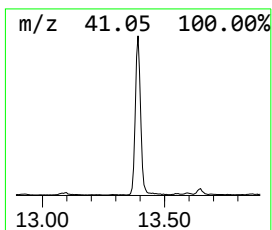
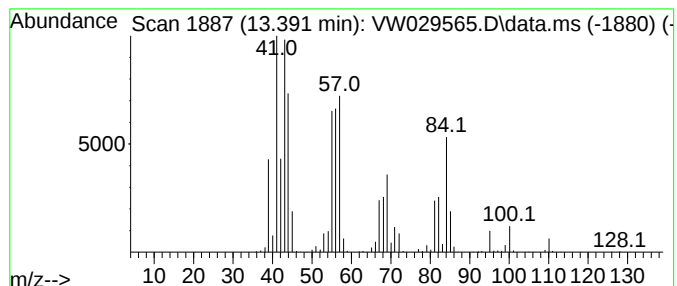
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Quant Title : SFAM01.0

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

Peak Number 5 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	19.83 ug/L	691752	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	97
2	Octanal			128	C8H16O	000124-13-0	96
3	Octanal			128	C8H16O	000124-13-0	91
4	Octanal			128	C8H16O	000124-13-0	87
5	Octanal			128	C8H16O	000124-13-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029565.D
Acq On : 12 Jul 2024 21:08
Operator : SY/MD
Sample : P3230-10
Misc : 5.51g/10mL/MSVOA_W/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB49

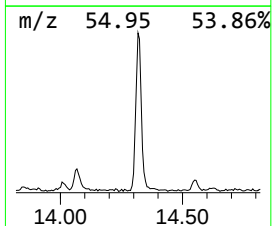
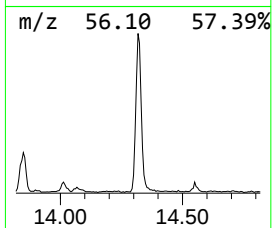
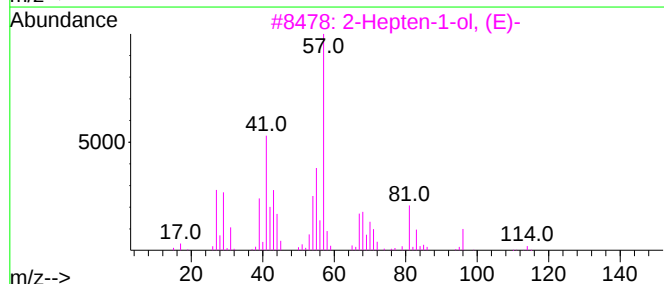
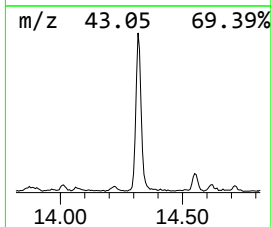
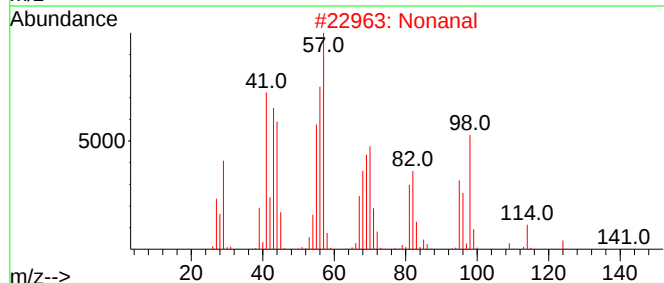
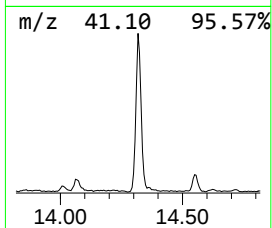
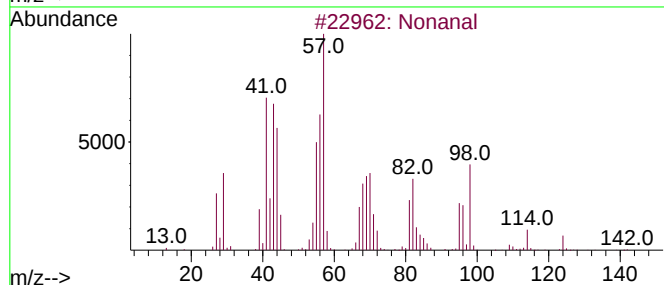
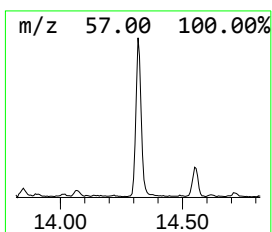
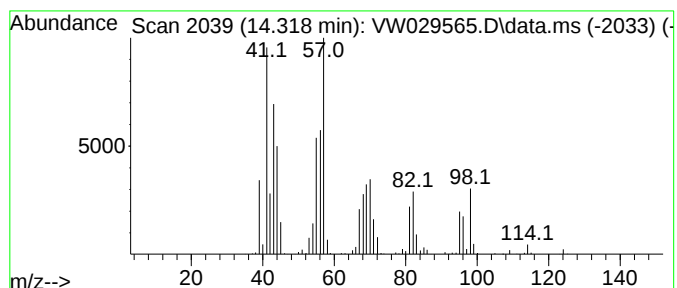
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Quant Title : SFAM01.0

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

Peak Number 7 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	9.28 ug/L	323689	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	83
3			2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	38
4			Cycloheptane	98	C7H14	000291-64-5	27
5			(Z)-2-Heptene	98	C7H14	006443-92-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029565.D
Acq On : 12 Jul 2024 21:08
Operator : SY/MD
Sample : P3230-10
Misc : 5.51g/10mL/MSVOA_W/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB49

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.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	5.8	ug/L	180257	1	8.843	778885	25.0
Hexanal	11.069	34.4	ug/L	1242270	2	11.629	904030	25.0
Heptanal	12.336	12.4	ug/L	449131	2	11.629	904030	25.0
Octanal	13.391	19.8	ug/L	691752	3	13.556	872040	25.0
Nonanal	14.318	9.3	ug/L	323689	3	13.556	872040	25.0