

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029965.D
 Acq On : 20 Aug 2024 17:44
 Operator : SY/MD
 Sample : P3675-01
 Misc : 4.51g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXY0

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: VW029965.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	42	47	48	rBV4	1140	1464	0.20%	0.022%
2	2.210	51	53	56	rBV4	1278	1635	0.22%	0.025%
3	2.363	71	78	90	rVV	41998	98717	13.24%	1.510%
4	2.893	159	165	179	rVB2	31586	90833	12.18%	1.389%
5	3.387	241	246	255	rVV3	3486	7833	1.05%	0.120%
6	3.844	319	321	326	rVV4	420	530	0.07%	0.008%
7	4.021	338	350	363	rBV	70438	237135	31.81%	3.627%
8	4.143	364	370	384	rVV	14858	48562	6.51%	0.743%
9	4.265	388	390	392	rVB	764	518	0.07%	0.008%
10	4.411	412	414	418	rVB3	495	538	0.07%	0.008%
11	4.685	454	459	461	rBV4	931	1375	0.18%	0.021%
12	4.923	486	498	516	rVB3	6548	29007	3.89%	0.444%
13	5.307	556	561	562	rBV3	413	596	0.08%	0.009%
14	5.752	632	634	636	rBV	492	516	0.07%	0.008%
15	5.777	636	638	639	rVV2	641	506	0.07%	0.008%
16	5.941	658	665	667	rBV6	1305	2732	0.37%	0.042%
17	6.039	680	681	688	rVB2	369	701	0.09%	0.011%
18	6.100	688	691	692	rBV	570	622	0.08%	0.010%
19	6.197	702	707	709	rVB2	340	582	0.08%	0.009%
20	6.222	709	711	715	rVB2	435	541	0.07%	0.008%
21	6.295	719	723	725	rVB3	454	501	0.07%	0.008%
22	6.600	769	773	776	rBV4	501	587	0.08%	0.009%
23	6.740	794	796	800	rBV3	349	522	0.07%	0.008%
24	6.898	814	822	830	rBV6	5237	16349	2.19%	0.250%
25	7.087	842	853	872	rBV2	20157	72753	9.76%	1.113%
26	7.648	934	945	957	rBV	139868	335230	44.97%	5.127%
27	8.276	1037	1048	1065	rVV2	244808	745450	100.00%	11.401%
28	8.417	1067	1071	1075	rVB5	975	1475	0.20%	0.023%
29	8.453	1075	1077	1080	rBV3	542	638	0.09%	0.010%
30	8.532	1086	1090	1092	rBV4	836	1372	0.18%	0.021%
31	8.557	1092	1094	1098	rVB3	1033	1115	0.15%	0.017%
32	8.703	1111	1118	1127	rBV	7740	18774	2.52%	0.287%
33	8.843	1131	1141	1155	rBV	343299	679831	91.20%	10.398%
34	9.075	1175	1179	1188	rVB8	1544	3492	0.47%	0.053%
35	9.270	1202	1211	1223	rBV	177080	368274	49.40%	5.632%
36	9.404	1226	1233	1250	rVB	48143	96912	13.00%	1.482%

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

37	9.660	1270	1275	1280	rBV7	868	2021	0.27%	0.031%
38	9.764	1288	1292	1297	rVB5	793	1292	0.17%	0.020%
39	9.806	1297	1299	1303	rBV3	546	663	0.09%	0.010%
40	9.953	1319	1323	1324	rBV2	431	566	0.08%	0.009%
41	10.032	1328	1336	1346	rVB	86011	160634	21.55%	2.457%
42	10.124	1346	1351	1352	rBV4	325	565	0.08%	0.009%
43	10.245	1369	1371	1372	rBV2	690	504	0.07%	0.008%
44	10.325	1373	1384	1392	rVV	314953	592308	79.46%	9.059%
45	10.386	1392	1394	1402	rVB	4937	8067	1.08%	0.123%
46	10.495	1410	1412	1418	rBV5	1544	2463	0.33%	0.038%
47	10.575	1418	1425	1440	rBV2	55316	100896	13.53%	1.543%
48	10.703	1440	1446	1451	rBV	9041	16287	2.18%	0.249%
49	10.861	1465	1472	1475	rBV6	1058	1872	0.25%	0.029%
50	10.922	1475	1482	1496	rBV	81159	149529	20.06%	2.287%
51	11.068	1499	1506	1522	rBV	351913	565645	75.88%	8.651%
52	11.562	1584	1587	1589	rBV2	665	837	0.11%	0.013%
53	11.629	1590	1598	1607	rVV	442296	733885	98.45%	11.224%
54	11.849	1627	1634	1642	rBV5	5290	12663	1.70%	0.194%
55	11.946	1646	1650	1655	rVB6	2628	4906	0.66%	0.075%
56	12.020	1657	1662	1669	rVB3	5320	10005	1.34%	0.153%
57	12.099	1672	1675	1679	rVB3	839	1082	0.15%	0.017%
58	12.160	1682	1685	1686	rBV3	781	828	0.11%	0.013%
59	12.227	1694	1696	1697	rBV	683	553	0.07%	0.008%
60	12.337	1707	1714	1724	rBV2	23438	39945	5.36%	0.611%
61	12.458	1732	1734	1738	rBV5	818	875	0.12%	0.013%
62	12.507	1738	1742	1748	rVB4	2272	4117	0.55%	0.063%
63	12.599	1751	1757	1764	rVB2	10332	19525	2.62%	0.299%
64	12.690	1764	1772	1779	rBV	135739	226349	30.36%	3.462%
65	12.861	1797	1800	1802	rVV3	693	967	0.13%	0.015%
66	12.910	1804	1808	1809	rVV4	1085	1609	0.22%	0.025%
67	12.928	1809	1811	1815	rVB3	1519	2412	0.32%	0.037%
68	13.044	1823	1830	1833	rBV4	1383	2486	0.33%	0.038%
69	13.099	1833	1839	1844	rBV8	3989	8222	1.10%	0.126%
70	13.153	1844	1848	1852	rBV7	3298	5114	0.69%	0.078%
71	13.251	1861	1864	1867	rBV4	1245	1721	0.23%	0.026%
72	13.391	1881	1887	1898	rBV2	28434	50086	6.72%	0.766%
73	13.556	1907	1914	1925	rBV	312712	505105	67.76%	7.725%
74	13.641	1927	1928	1934	rVB3	3001	3775	0.51%	0.058%
75	13.757	1943	1947	1954	rVB9	1425	3044	0.41%	0.047%
76	13.848	1955	1962	1970	rBV	201601	333380	44.72%	5.099%

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 Title : SFAM01.0

77	13.934	1974	1976	1979	rVB4	869	872	0.12%	0.013%
78	14.013	1986	1989	1992	rBV6	1507	2563	0.34%	0.039%
79	14.062	1992	1997	2004	rVB3	11087	20136	2.70%	0.308%
80	14.318	2034	2039	2051	rBV2	19706	33860	4.54%	0.518%
81	14.434	2055	2058	2061	rVB4	437	546	0.07%	0.008%
82	14.501	2065	2069	2070	rBV3	651	733	0.10%	0.011%
83	14.556	2076	2078	2081	rVB3	692	636	0.09%	0.010%
84	14.611	2084	2087	2089	rBV2	715	883	0.12%	0.014%
85	14.793	2116	2117	2122	rVB4	498	533	0.07%	0.008%
86	14.842	2122	2125	2128	rBV4	806	1063	0.14%	0.016%
87	14.946	2137	2142	2148	rBV7	2710	4584	0.61%	0.070%
88	15.056	2157	2160	2164	rBV3	433	791	0.11%	0.012%
89	15.171	2175	2179	2188	rVV9	1521	3581	0.48%	0.055%
90	15.245	2188	2191	2195	rVB3	874	1412	0.19%	0.022%
91	15.275	2195	2196	2200	rBV3	364	507	0.07%	0.008%
92	15.373	2208	2212	2216	rVB4	861	1325	0.18%	0.020%
93	15.476	2225	2229	2233	rVB4	1383	2016	0.27%	0.031%
94	15.507	2233	2234	2239	rVV5	485	609	0.08%	0.009%
95	15.842	2283	2289	2297	rBV6	6224	11936	1.60%	0.183%
96	15.958	2303	2308	2311	rBV4	923	1434	0.19%	0.022%
97	16.098	2326	2331	2335	rBV6	619	1132	0.15%	0.017%
98	16.415	2378	2383	2385	rBV4	747	1125	0.15%	0.017%
99	16.567	2406	2408	2409	rBV	636	517	0.07%	0.008%
100	16.677	2423	2426	2428	rBV2	475	565	0.08%	0.009%

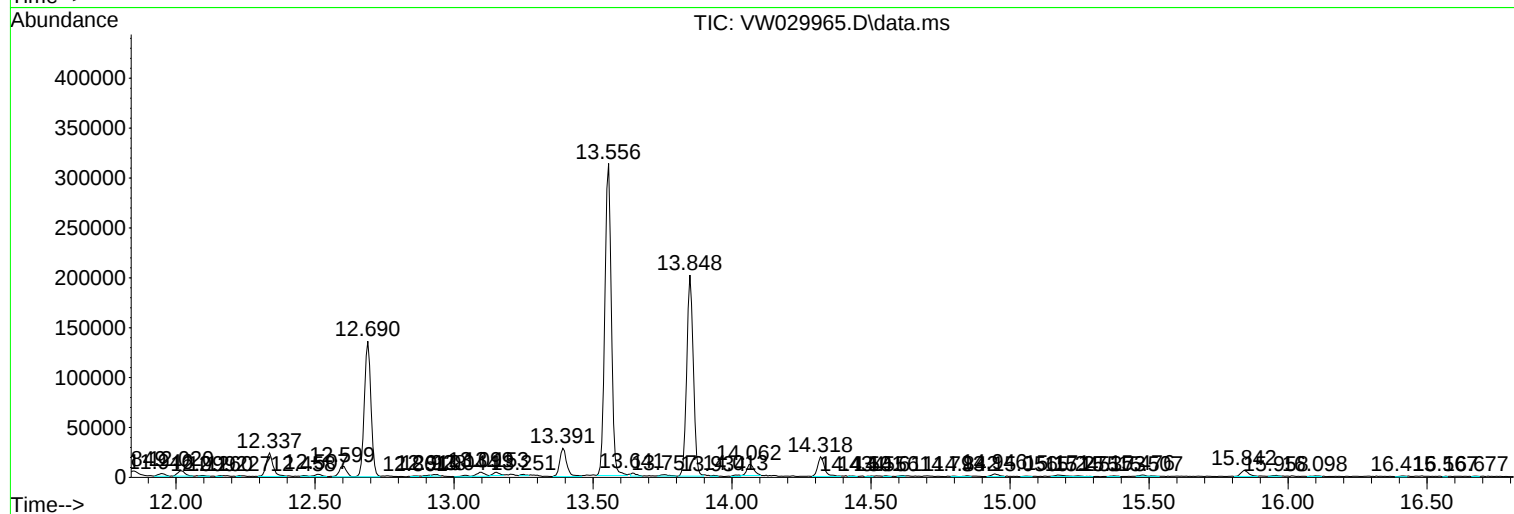
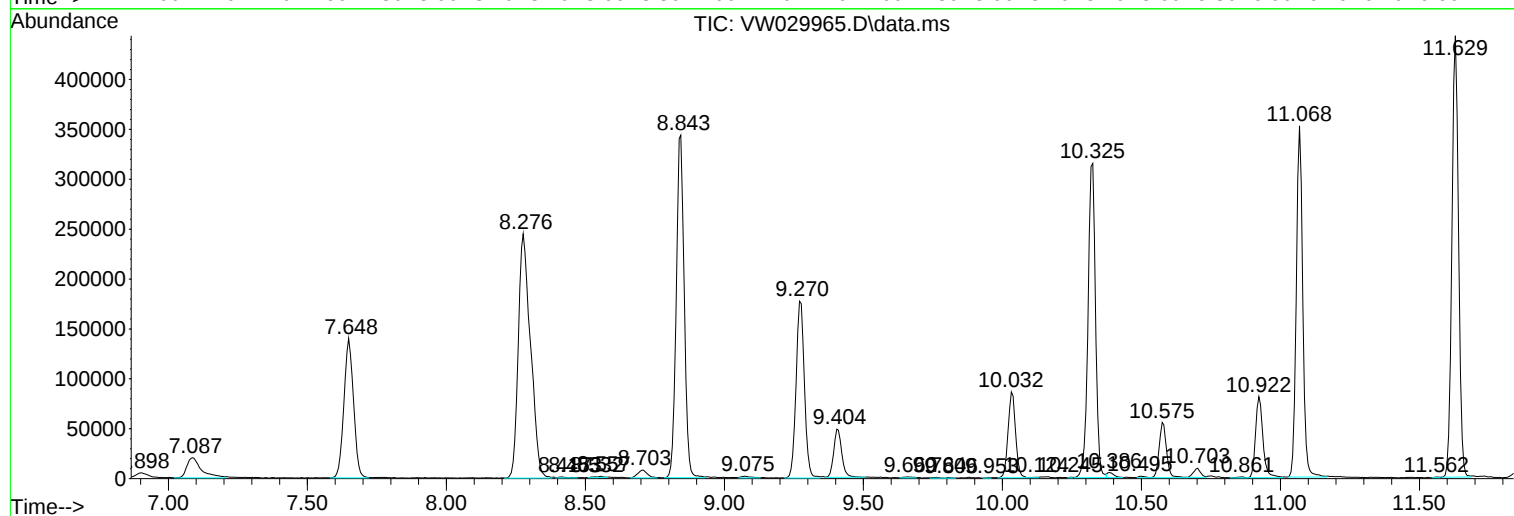
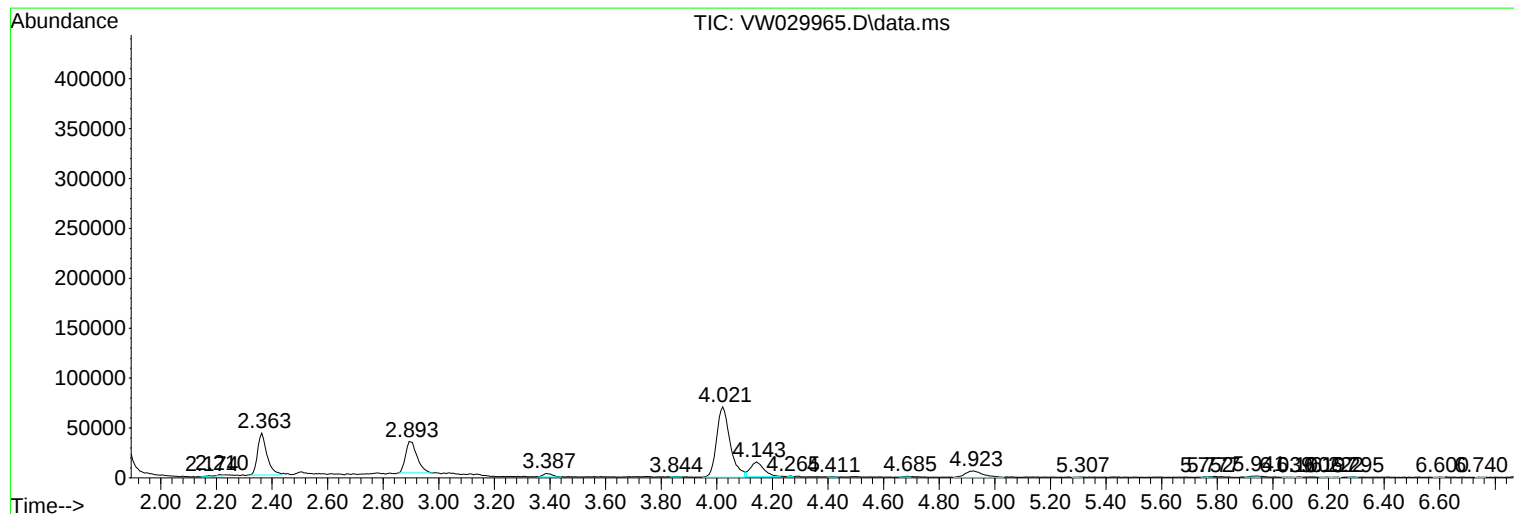
Sum of corrected areas: 6538380

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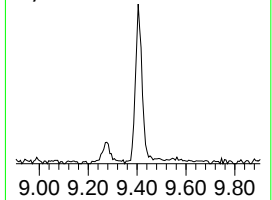
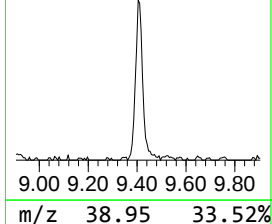
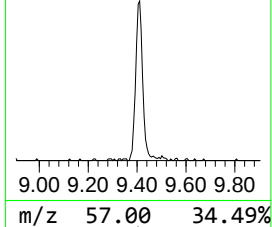
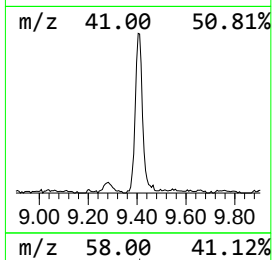
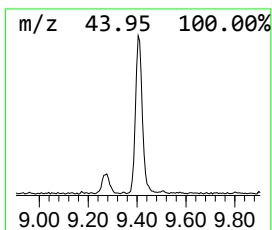
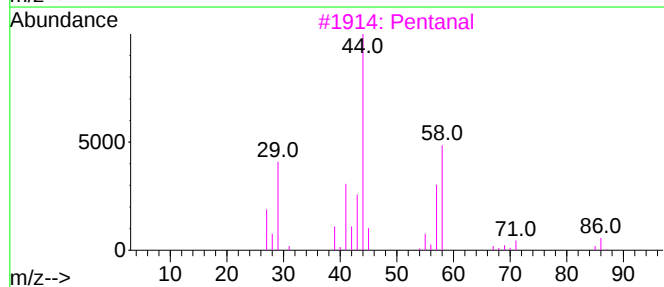
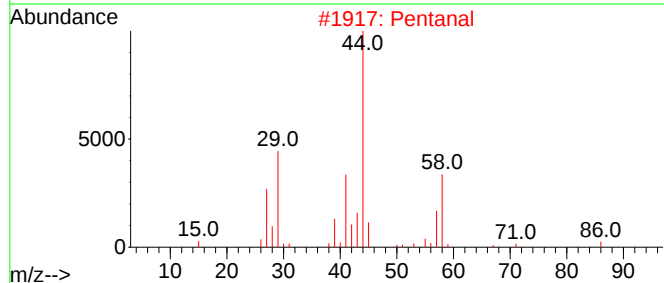
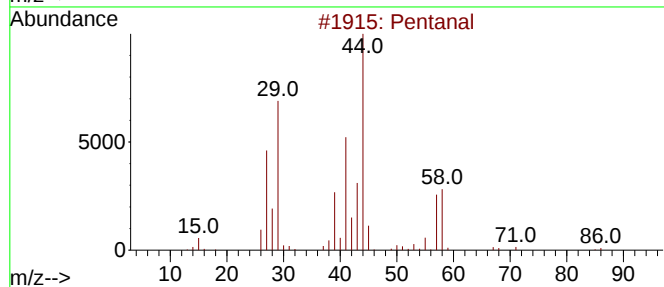
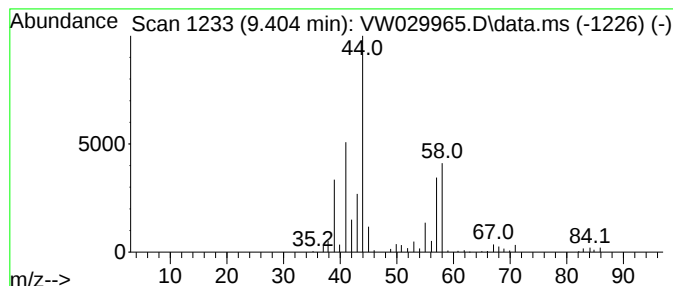
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	3.56 ug/L	96912	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	78
3	Pentanal			86	C5H10O	000110-62-3	78
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64
5	Cyclopropyl carbinol			72	C4H8O	002516-33-8	50



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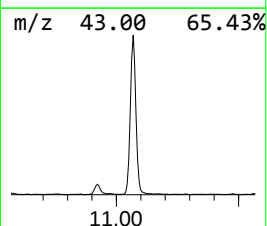
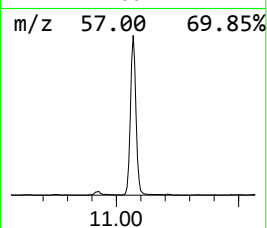
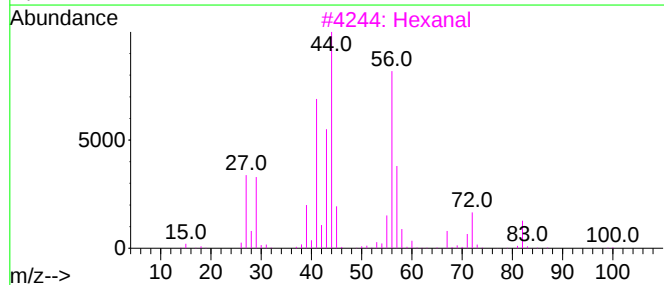
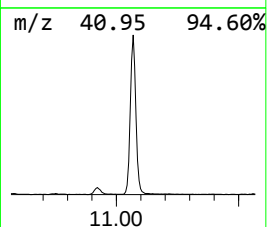
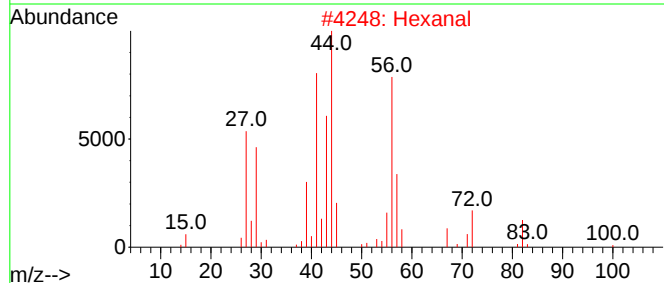
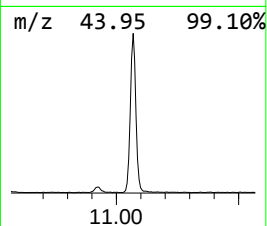
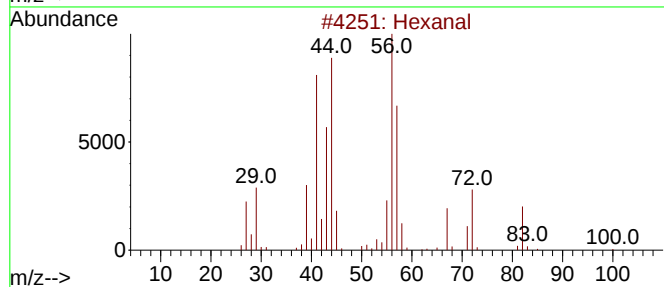
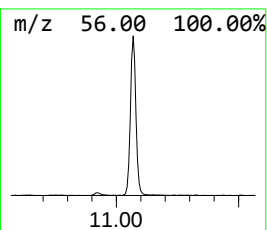
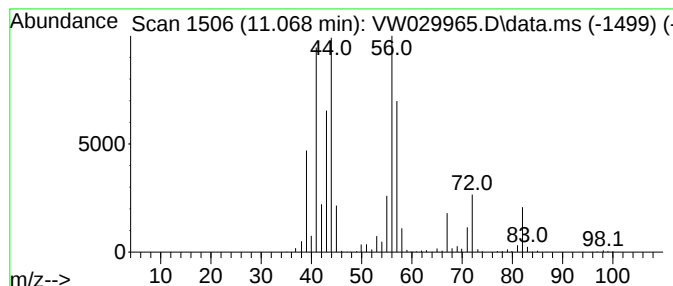
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	19.27 ug/L	565645	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	50



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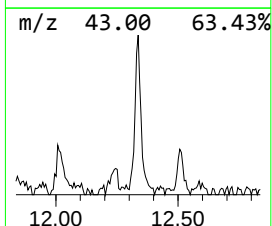
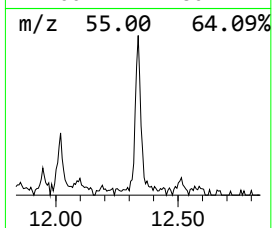
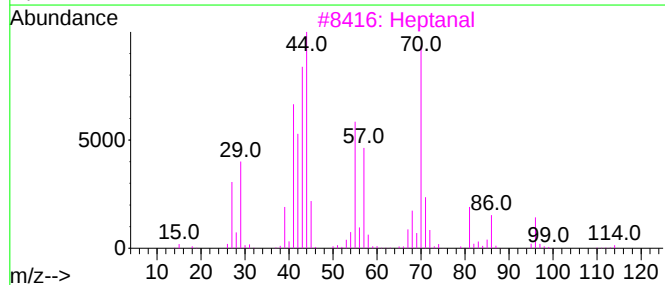
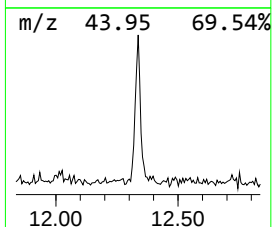
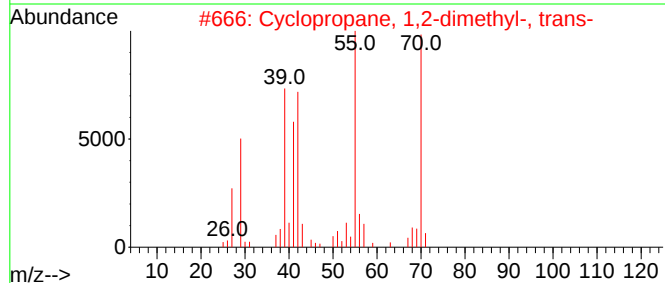
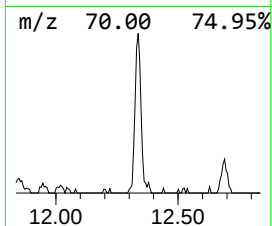
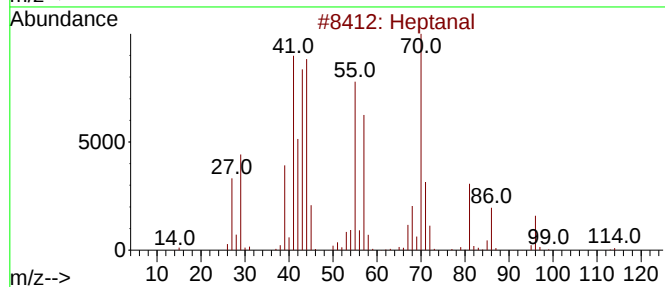
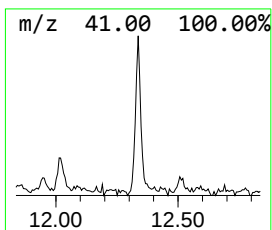
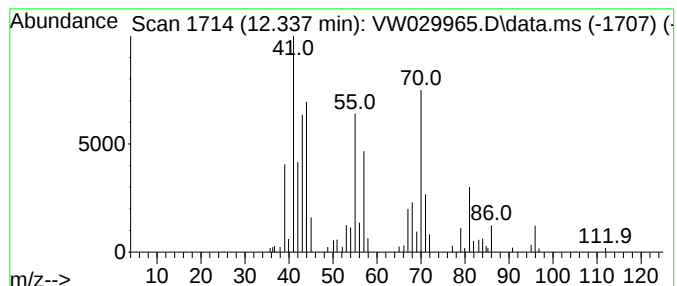
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	1.36 ug/L	39945	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	64
2			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	60
3			Heptanal	114	C7H14O	000111-71-7	58
4			Heptanal	114	C7H14O	000111-71-7	58
5			Heptanal	114	C7H14O	000111-71-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029965.D
Acq On : 20 Aug 2024 17:44
Operator : SY/MD
Sample : P3675-01
Misc : 4.51g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY0

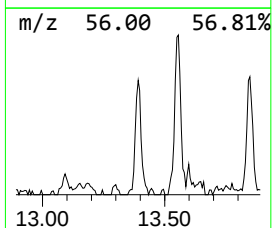
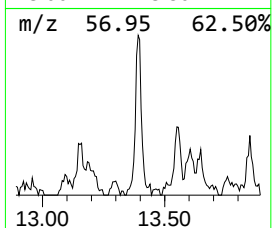
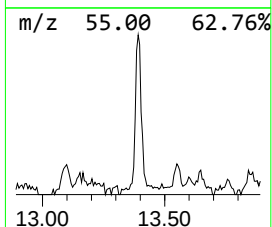
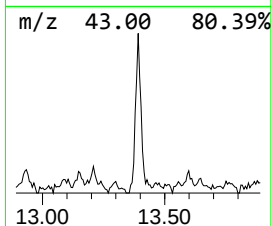
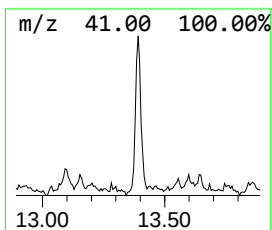
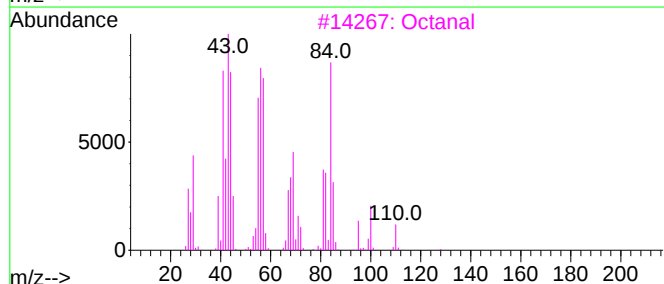
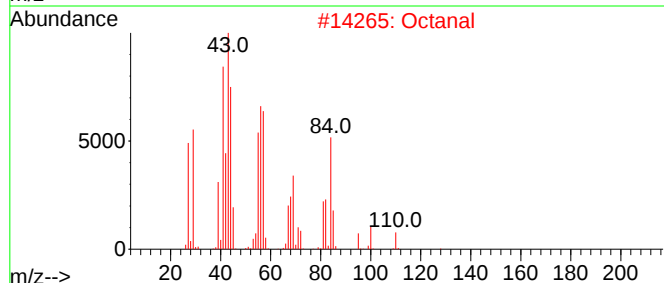
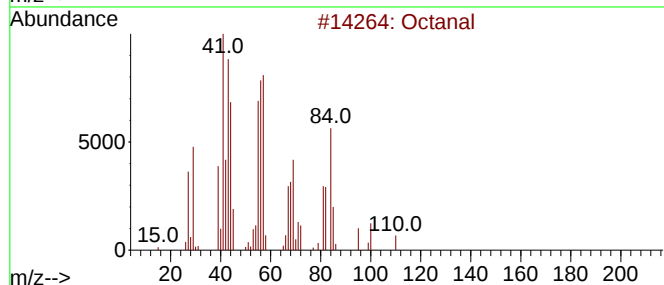
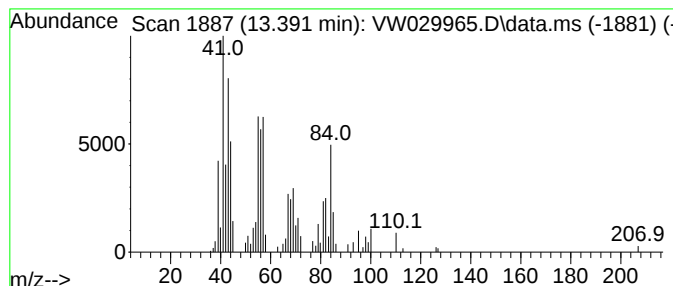
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Quant Title : SFAM01.0

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

Peak Number 5 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	2.48 ug/L	50086	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	86
3	Octanal			128	C8H16O	000124-13-0	80
4	Octanal			128	C8H16O	000124-13-0	53
5	3-Chlorohexane			120	C6H13Cl	002346-81-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029965.D
Acq On : 20 Aug 2024 17:44
Operator : SY/MD
Sample : P3675-01
Misc : 4.51g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY0

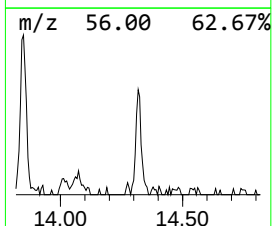
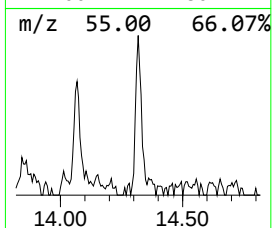
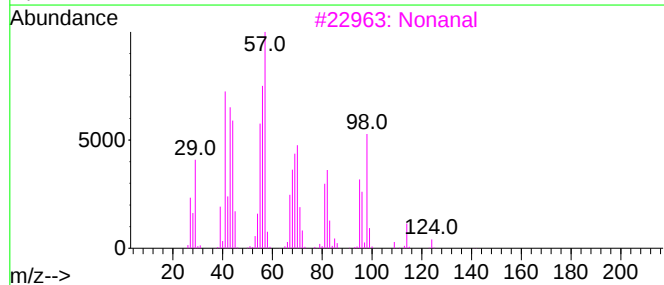
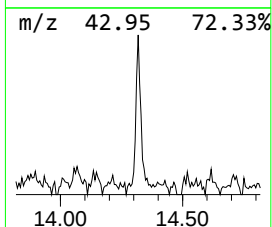
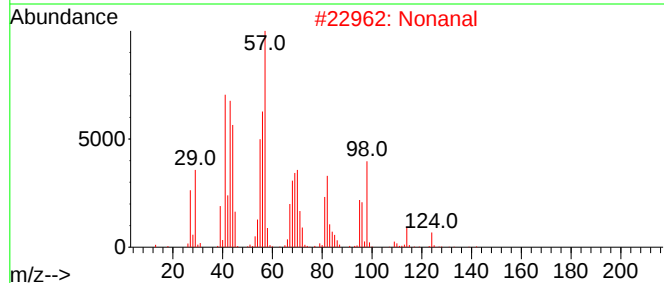
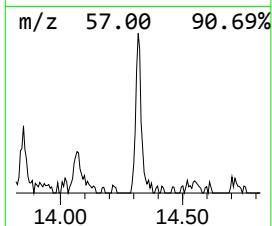
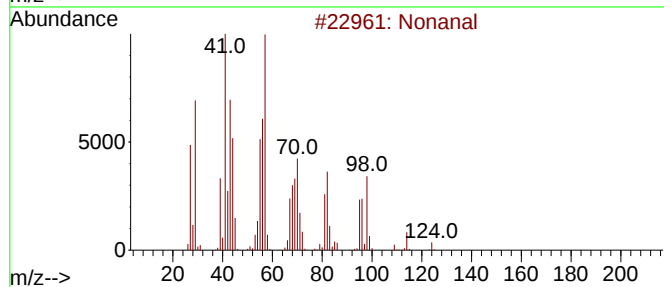
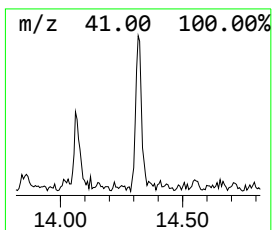
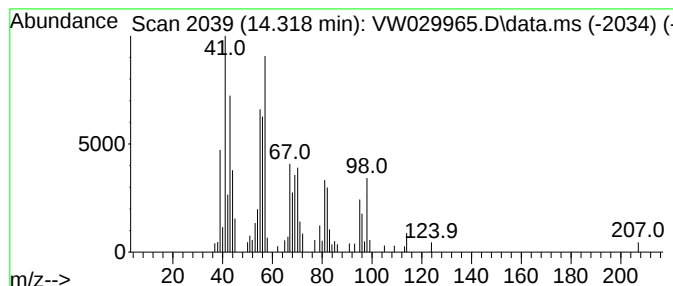
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Quant Title : SFAM01.0

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

Peak Number 6 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.68 ug/L	33860	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	83
2	Nonanal			142	C9H18O	000124-19-6	80
3	Nonanal			142	C9H18O	000124-19-6	72
4	Z-1,6-Tridecadiene			180	C13H24	1000130-98-3	35
5	2-Nonen-1-ol, (E)-			142	C9H18O	031502-14-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029965.D
Acq On : 20 Aug 2024 17:44
Operator : SY/MD
Sample : P3675-01
Misc : 4.51g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY0

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
Pentanal	9.404	3.6	ug/L	96912	1	8.843	679831	25.0
Hexanal	11.069	19.3	ug/L	565645	2	11.629	733885	25.0
Heptanal	12.336	1.4	ug/L	39945	2	11.629	733885	25.0
Octanal	13.391	2.5	ug/L	50086	3	13.556	505105	25.0
Nonanal	14.318	1.7	ug/L	33860	3	13.556	505105	25.0