

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031659.D
 Acq On : 30 Jan 2025 16:10
 Operator : SY/MD
 Sample : Q1189-19
 Misc : 8.75g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031659.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	68	78	91	rBV	90023	261833	11.88%	1.398%
2	2.503	96	101	121	rBV	74409	236205	10.72%	1.261%
3	2.893	158	165	182	rVB	72908	221566	10.05%	1.183%
4	3.295	229	231	235	rVB3	2379	3309	0.15%	0.018%
5	3.387	240	246	257	rVB3	14569	37479	1.70%	0.200%
6	3.588	278	279	285	rVB5	1394	1395	0.06%	0.007%
7	3.692	290	296	297	rBV5	985	2016	0.09%	0.011%
8	4.015	337	349	363	rBV2	228761	795228	36.08%	4.245%
9	4.149	363	371	389	rVB	119344	414940	18.83%	2.215%
10	4.533	432	434	437	rVB4	670	551	0.02%	0.003%
11	4.838	483	484	487	rVB	584	481	0.02%	0.003%
12	4.905	487	495	497	rBV6	1880	3869	0.18%	0.021%
13	5.204	541	544	545	rBV3	519	456	0.02%	0.002%
14	5.222	545	547	550	rVV3	682	819	0.04%	0.004%
15	5.435	575	582	593	rVB6	2035	6353	0.29%	0.034%
16	5.521	593	596	597	rBV3	623	485	0.02%	0.003%
17	5.563	601	603	606	rVB2	857	845	0.04%	0.005%
18	5.643	613	616	619	rVB2	448	584	0.03%	0.003%
19	5.710	625	627	628	rBV	670	452	0.02%	0.002%
20	5.789	632	640	651	rVB3	8761	28178	1.28%	0.150%
21	5.935	656	664	675	rBV3	10091	28071	1.27%	0.150%
22	6.118	687	694	702	rBV5	3732	12450	0.56%	0.066%
23	6.332	727	729	732	rVB2	697	604	0.03%	0.003%
24	6.392	736	739	741	rBV2	426	503	0.02%	0.003%
25	6.441	744	747	749	rVB4	516	543	0.02%	0.003%
26	6.466	749	751	753	rBV3	473	517	0.02%	0.003%
27	6.551	762	765	769	rBV4	915	1451	0.07%	0.008%
28	6.588	769	771	772	rBV2	751	661	0.03%	0.004%
29	6.892	811	821	833	rBV2	48815	151865	6.89%	0.811%
30	7.081	843	852	866	rBV	79170	265519	12.05%	1.417%
31	7.423	906	908	909	rVV2	662	478	0.02%	0.003%
32	7.557	922	930	933	rBV5	1394	3820	0.17%	0.020%
33	7.648	933	945	959	rVB	361643	895623	40.63%	4.781%
34	7.868	979	981	983	rBV2	777	587	0.03%	0.003%
35	7.917	986	989	990	rBV3	817	895	0.04%	0.005%
36	7.947	990	994	1000	rVB8	941	1926	0.09%	0.010%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Max Peaks: 100

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

37	8.142	1023	1026	1031	rBV5	889	1730	0.08%	0.009%
38	8.270	1037	1047	1063	rBV2	718145	2204102	100.00%	11.766%
39	8.551	1081	1093	1104	rBV3	13568	35278	1.60%	0.188%
40	8.703	1111	1118	1127	rBV	13260	32724	1.48%	0.175%
41	8.837	1131	1140	1151	rBV	940079	1884647	85.51%	10.061%
42	9.069	1170	1178	1186	rVV8	3529	9225	0.42%	0.049%
43	9.124	1186	1187	1191	rBV4	622	843	0.04%	0.005%
44	9.270	1201	1211	1221	rBV	520824	1055302	47.88%	5.633%
45	9.404	1226	1233	1248	rVB	158868	309104	14.02%	1.650%
46	9.660	1270	1275	1281	rBV6	2644	5902	0.27%	0.032%
47	9.807	1297	1299	1303	rBV4	515	729	0.03%	0.004%
48	9.855	1303	1307	1309	rBV3	656	714	0.03%	0.004%
49	10.032	1324	1336	1346	rBV	280665	508763	23.08%	2.716%
50	10.209	1362	1365	1370	rVB4	1813	3494	0.16%	0.019%
51	10.319	1373	1383	1392	rBV	924093	1641030	74.45%	8.760%
52	10.502	1406	1413	1418	rBV6	5218	10647	0.48%	0.057%
53	10.575	1418	1425	1431	rBV	171906	304280	13.81%	1.624%
54	10.697	1441	1445	1450	rVB2	11205	17597	0.80%	0.094%
55	10.855	1468	1471	1472	rBV3	1171	1452	0.07%	0.008%
56	10.922	1475	1482	1497	rBV	302109	527774	23.95%	2.817%
57	11.068	1497	1506	1521	rBV	742698	1234083	55.99%	6.588%
58	11.367	1553	1555	1557	rVB3	761	526	0.02%	0.003%
59	11.404	1557	1561	1564	rVB3	729	875	0.04%	0.005%
60	11.465	1569	1571	1574	rVB3	695	519	0.02%	0.003%
61	11.556	1584	1586	1587	rBV2	935	608	0.03%	0.003%
62	11.629	1590	1598	1608	rBV	1094577	1888343	85.67%	10.080%
63	11.703	1608	1610	1612	rBV2	1351	1263	0.06%	0.007%
64	11.800	1624	1626	1627	rBV2	794	622	0.03%	0.003%
65	11.849	1627	1634	1642	rVB7	6346	18667	0.85%	0.100%
66	11.940	1643	1649	1657	rBV2	26100	51842	2.35%	0.277%
67	12.013	1659	1661	1667	rVB4	3398	4880	0.22%	0.026%
68	12.160	1680	1685	1691	rBV6	3210	6413	0.29%	0.034%
69	12.233	1693	1697	1704	rVB4	4239	8112	0.37%	0.043%
70	12.337	1707	1714	1730	rBV	108840	187792	8.52%	1.002%
71	12.446	1730	1732	1735	rVB3	840	991	0.04%	0.005%
72	12.513	1740	1743	1748	rVB6	1089	1764	0.08%	0.009%
73	12.599	1751	1757	1764	rVB2	67238	110374	5.01%	0.589%
74	12.690	1764	1772	1780	rBV	416071	711799	32.29%	3.800%
75	12.800	1788	1790	1792	rBV3	1322	1328	0.06%	0.007%
76	12.928	1799	1811	1820	rBV5	10691	33873	1.54%	0.181%

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 Title : SFAM01.0

77	13.044	1825	1830	1834	rBV4	6944	12476	0.57%	0.067%
78	13.093	1834	1838	1844	rBV3	16892	27536	1.25%	0.147%
79	13.269	1863	1867	1877	rVB3	12438	26190	1.19%	0.140%
80	13.391	1881	1887	1900	rBV	50523	89587	4.06%	0.478%
81	13.550	1906	1913	1920	rBV	721967	1206678	54.75%	6.442%
82	13.617	1920	1924	1926	rVV4	3905	5789	0.26%	0.031%
83	13.848	1955	1962	1977	rVB	514597	861855	39.10%	4.601%
84	14.019	1986	1990	1991	rBV4	2631	3251	0.15%	0.017%
85	14.062	1992	1997	2014	rVB2	55145	110099	5.00%	0.588%
86	14.318	2033	2039	2048	rBV	33602	59893	2.72%	0.320%
87	14.476	2062	2065	2066	rBV3	940	897	0.04%	0.005%
88	14.519	2067	2072	2081	rVB6	5749	11641	0.53%	0.062%
89	14.617	2083	2088	2092	rBV3	4722	8974	0.41%	0.048%
90	14.860	2126	2128	2129	rBV2	1179	1062	0.05%	0.006%
91	14.946	2136	2142	2148	rBV4	14293	28971	1.31%	0.155%
92	15.129	2169	2172	2175	rBV5	2105	2360	0.11%	0.013%
93	15.171	2175	2179	2187	rBV9	5314	11598	0.53%	0.062%
94	15.354	2205	2209	2212	rBV3	4130	6959	0.32%	0.037%
95	15.476	2223	2229	2234	rBV	13347	25305	1.15%	0.135%
96	15.787	2276	2280	2284	rVB6	3416	5142	0.23%	0.027%
97	15.842	2284	2289	2294	rBV7	4641	10579	0.48%	0.056%
98	15.952	2300	2307	2313	rBV7	4772	11498	0.52%	0.061%
99	16.129	2334	2336	2337	rBV2	959	661	0.03%	0.004%
100	16.738	2432	2436	2438	rBV5	881	1238	0.06%	0.007%

Sum of corrected areas: 18732807

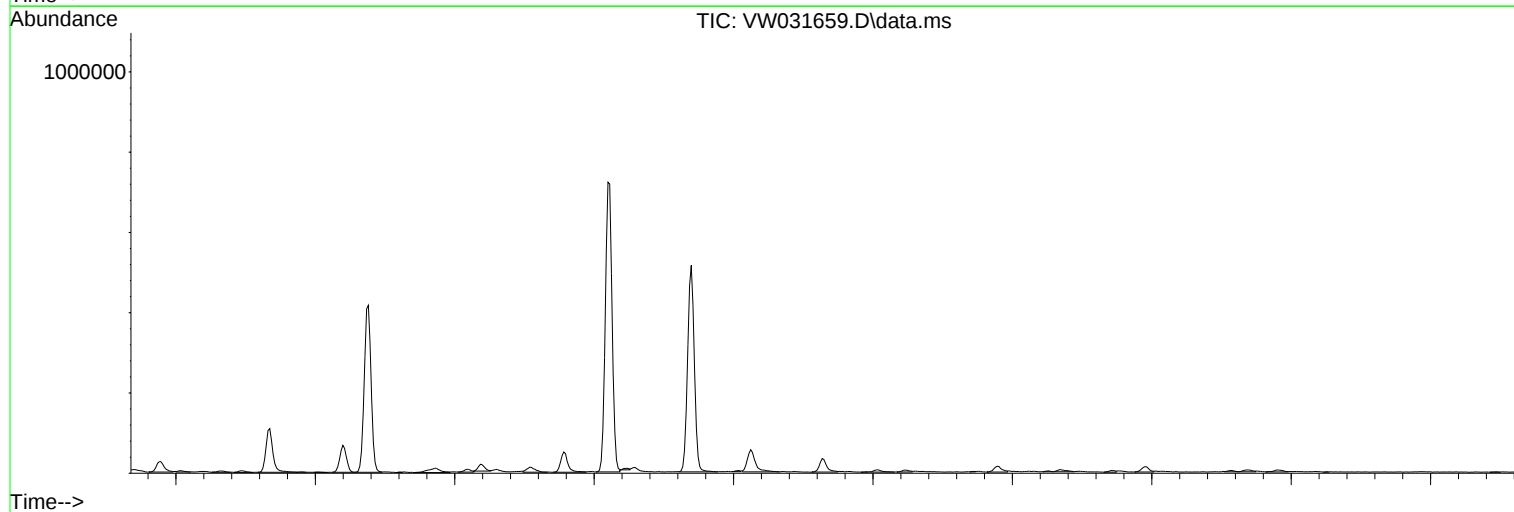
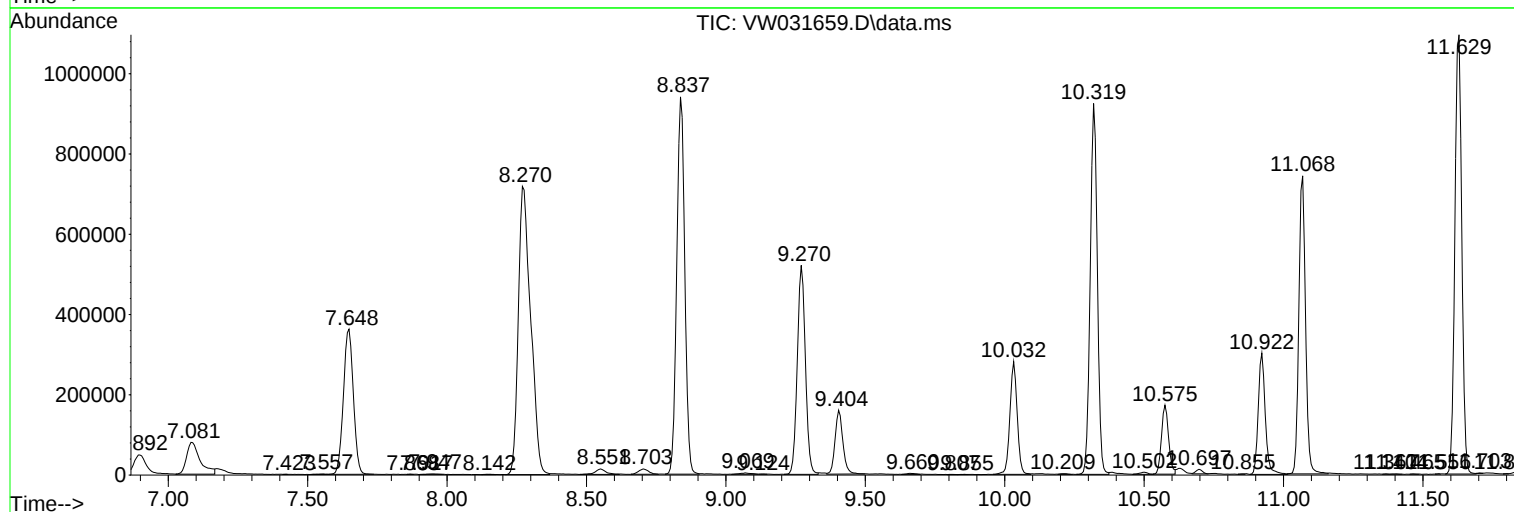
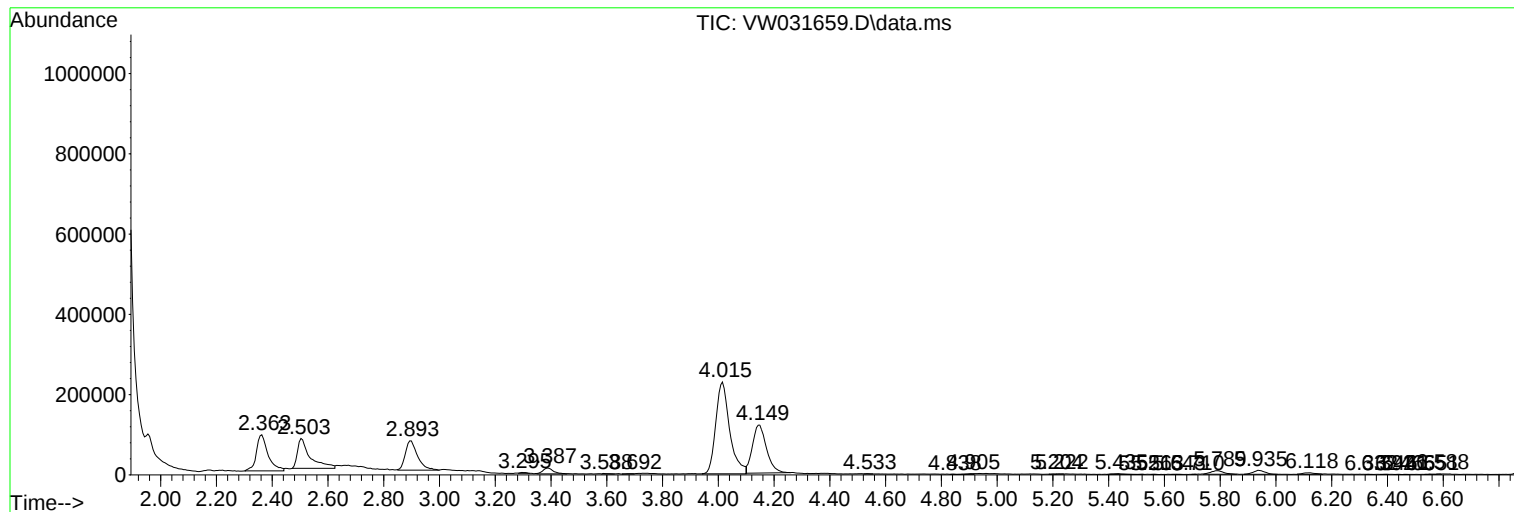
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A44S0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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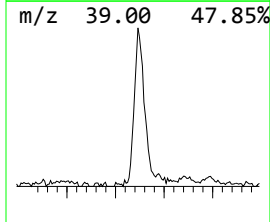
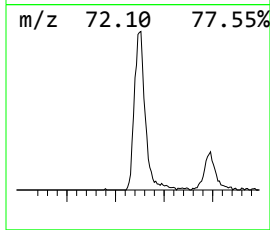
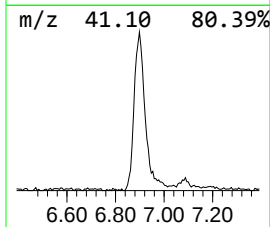
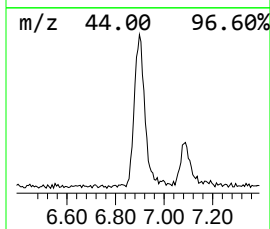
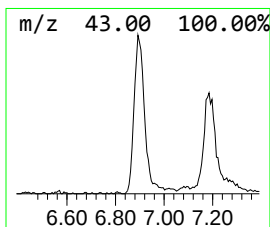
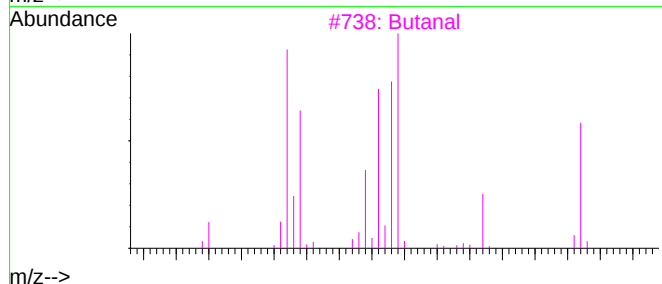
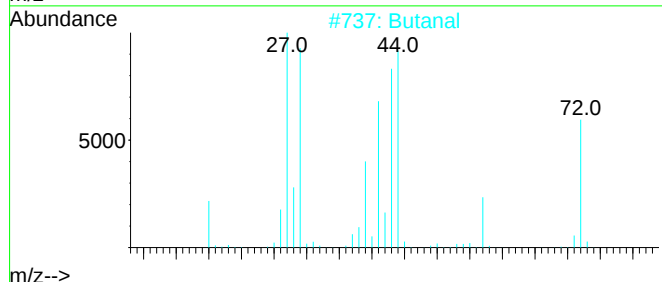
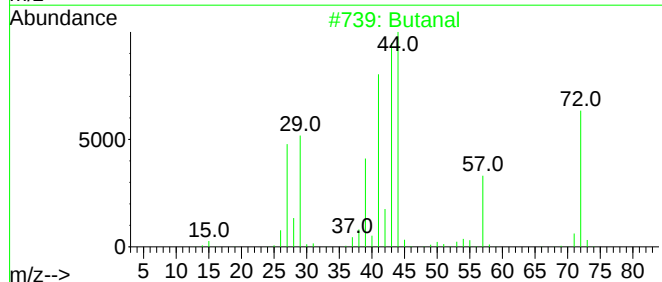
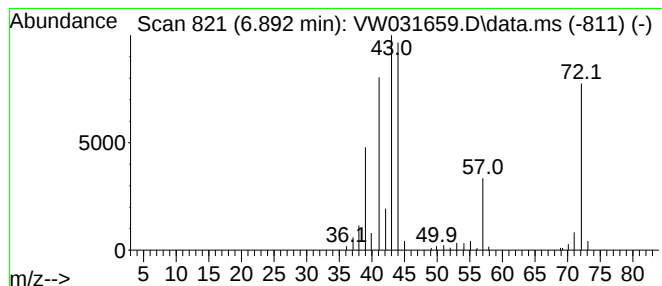
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.892	2.01 ug/L	151865	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	74
4	Butanal	72	C4H8O	000123-72-8	72
5	Propane	44	C3H8	000074-98-6	47



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

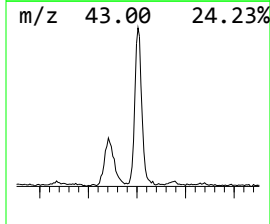
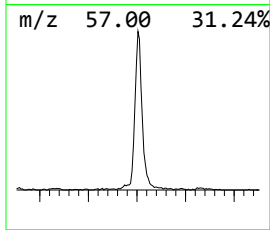
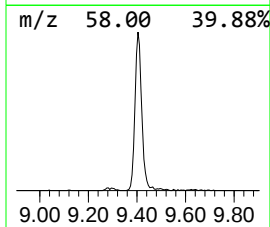
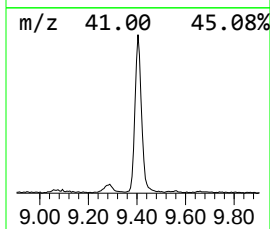
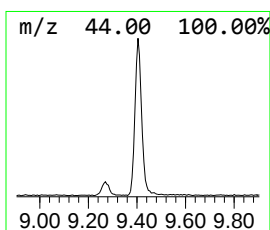
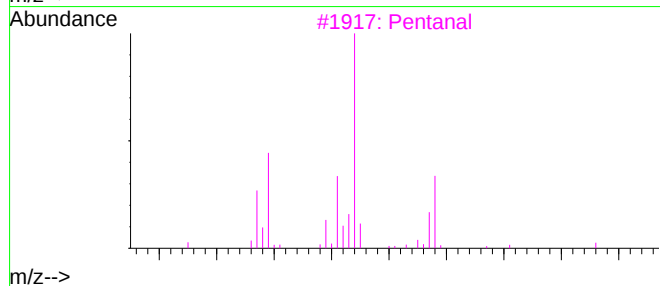
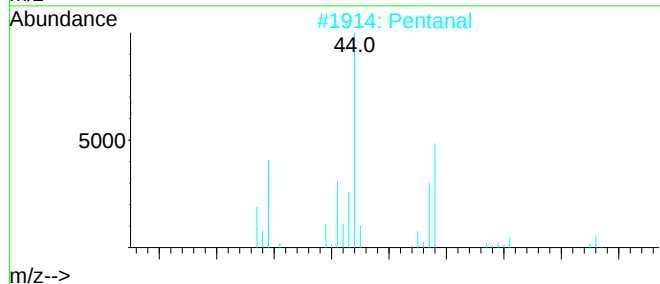
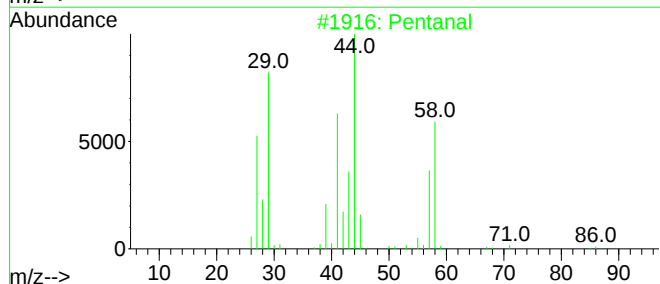
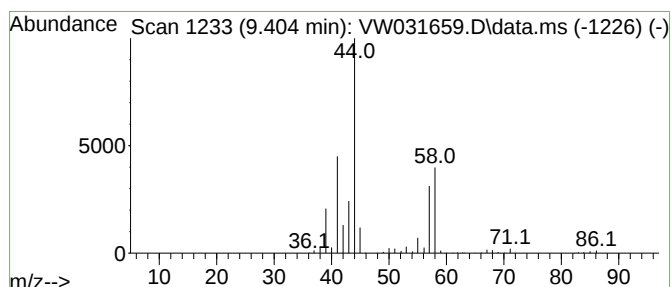
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	4.10 ug/L	309104	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	91
2	Pentanal	86	C5H10O	000110-62-3	64
3	Pentanal	86	C5H10O	000110-62-3	52
4	Pentanal	86	C5H10O	000110-62-3	47
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	38



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

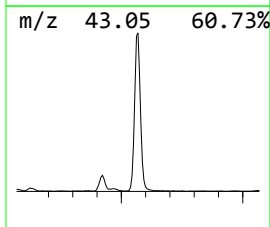
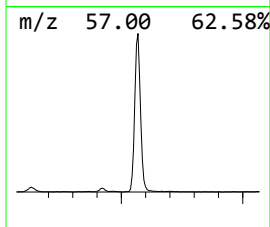
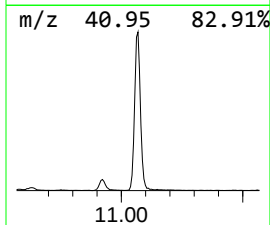
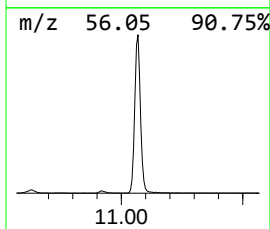
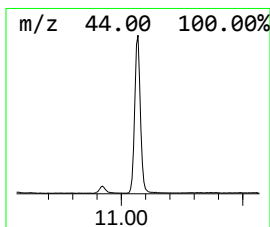
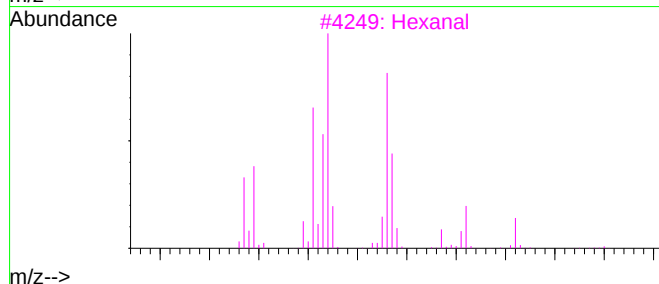
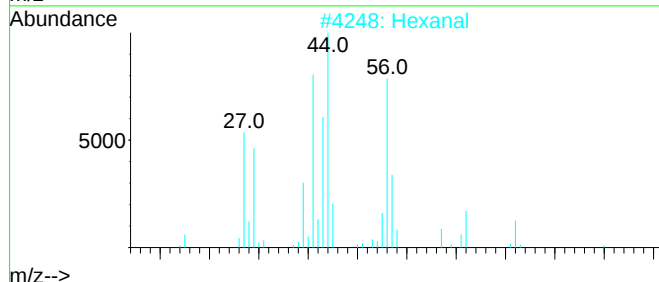
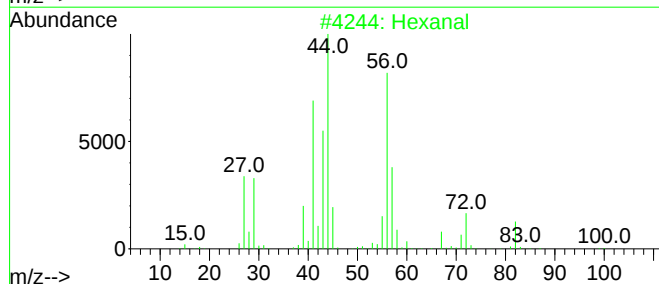
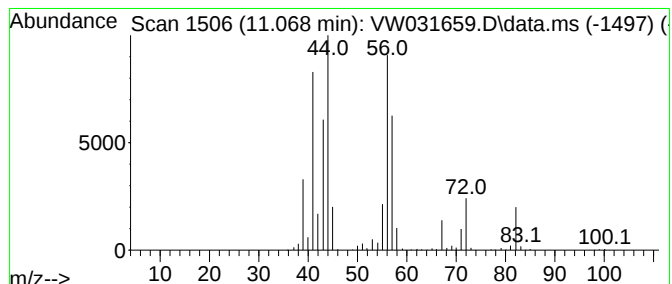
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	16.34 ug/L	1234080	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	72
5	Hexanal	100	C6H12O	000066-25-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031659.D
Acq On : 30 Jan 2025 16:10
Operator : SY/MD
Sample : Q1189-19
Misc : 8.75g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

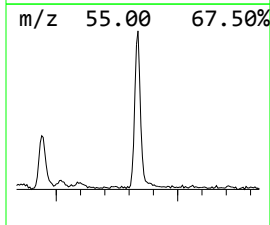
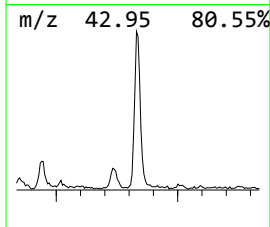
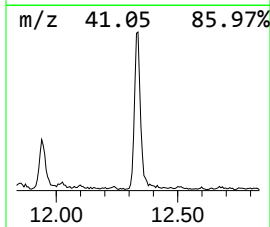
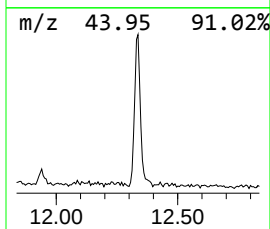
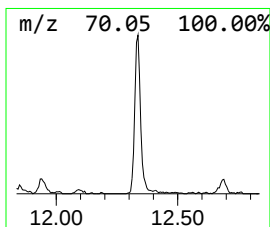
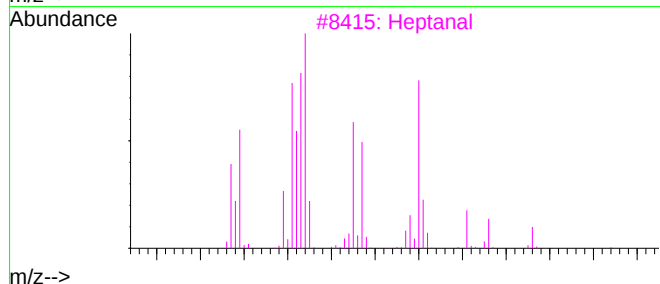
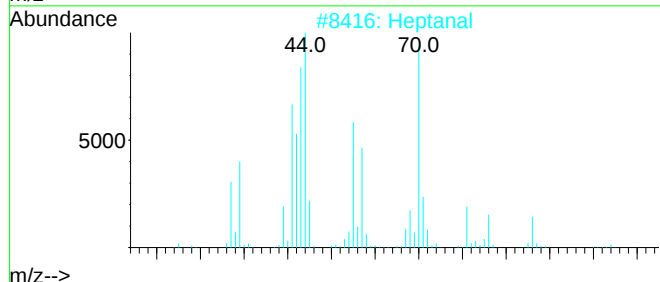
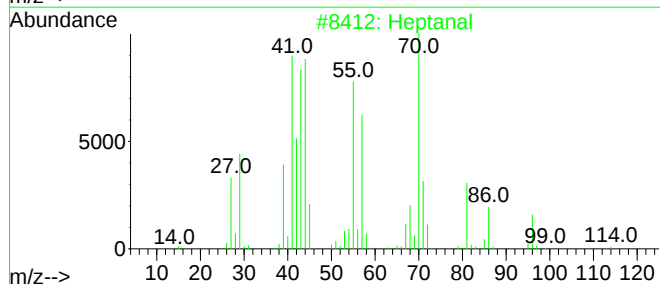
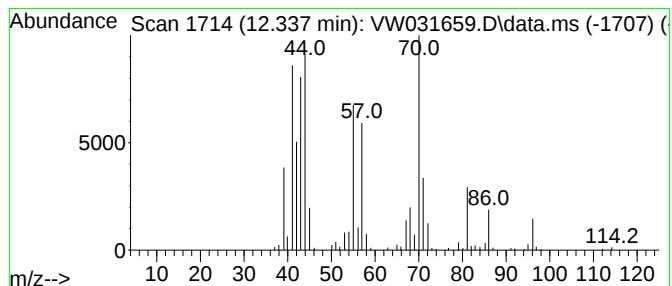
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	2.49 ug/L	187792	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	97
2	Heptanal	114	C7H14O	000111-71-7	95
3	Heptanal	114	C7H14O	000111-71-7	80
4	Heptanal	114	C7H14O	000111-71-7	38
5	Heptanal	114	C7H14O	000111-71-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031659.D
Acq On : 30 Jan 2025 16:10
Operator : SY/MD
Sample : Q1189-19
Misc : 8.75g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

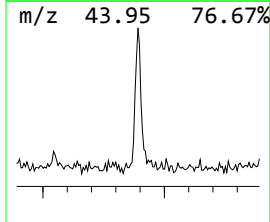
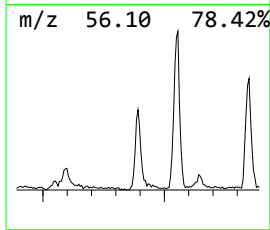
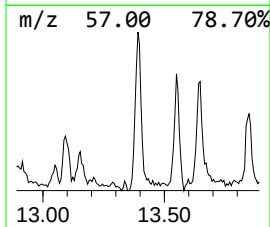
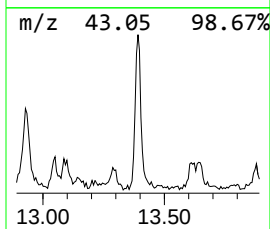
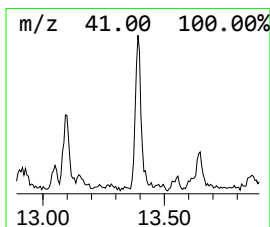
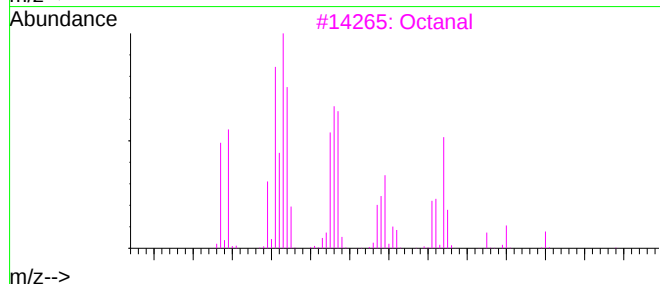
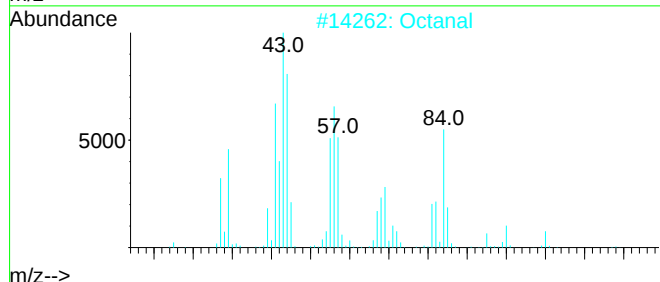
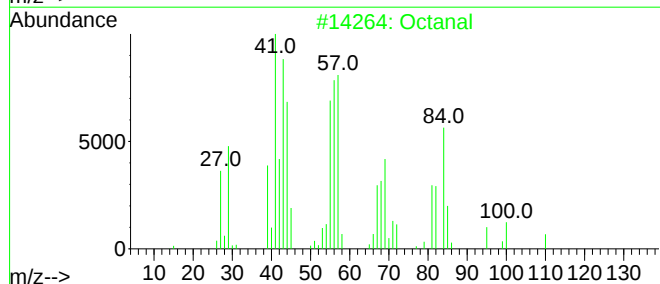
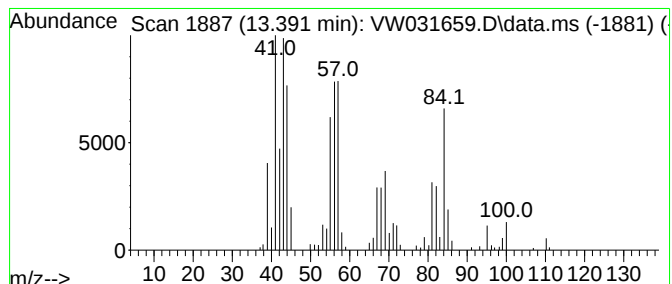
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Octanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	1.86 ug/L	89587	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	91
3	Octanal	128	C8H16O	000124-13-0	91
4	Octanal	128	C8H16O	000124-13-0	90
5	2-Propanone, dimethylhydrazone	100	C5H12N2	013483-31-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031659.D
Acq On : 30 Jan 2025 16:10
Operator : SY/MD
Sample : Q1189-19
Misc : 8.75g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.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
Butanal	6.892	2.0	ug/L	151865	1	8.837	1884650	25.0
Pentanal	9.404	4.1	ug/L	309104	1	8.837	1884650	25.0
Hexanal	11.069	16.3	ug/L	1234080	2	11.629	1888340	25.0
Heptanal	12.337	2.5	ug/L	187792	2	11.629	1888340	25.0
Octanal	13.391	1.9	ug/L	89587	3	13.556	1206680	25.0