

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031597.D
 Acq On : 27 Jan 2025 16:54
 Operator : SY/MD
 Sample : Q1190-08
 Misc : 4.17g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S7

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: VW031597.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	40	46	61	rBV2	25348	84679	2.90%	0.447%
2	2.357	69	77	96	rBV	160106	429480	14.72%	2.269%
3	2.503	96	101	112	rVV	17149	41520	1.42%	0.219%
4	2.783	142	147	156	rBV4	13887	31980	1.10%	0.169%
5	2.893	157	165	181	rVV	125624	365694	12.54%	1.932%
6	3.289	227	230	237	rVV7	2401	4968	0.17%	0.026%
7	3.387	239	246	255	rVB2	16695	41456	1.42%	0.219%
8	3.698	291	297	300	rBV6	1631	3608	0.12%	0.019%
9	3.850	316	322	326	rBV5	1886	4274	0.15%	0.023%
10	4.015	337	349	363	rBV2	346644	1082329	37.10%	5.719%
11	4.149	364	371	392	rVV	71560	266047	9.12%	1.406%
12	4.326	395	400	407	rVV4	2892	6748	0.23%	0.036%
13	4.509	410	430	470	rVV2	174571	1501604	51.48%	7.934%
14	5.100	525	527	528	rVV2	1724	1612	0.06%	0.009%
15	5.124	528	531	538	rVB4	2797	5992	0.21%	0.032%
16	5.429	577	581	586	rVB5	1435	2651	0.09%	0.014%
17	5.789	630	640	648	rBV2	9795	31224	1.07%	0.165%
18	5.941	658	665	679	rVB5	3661	11260	0.39%	0.059%
19	6.118	685	694	699	rBV6	3030	8780	0.30%	0.046%
20	6.606	770	774	776	rVV3	964	1442	0.05%	0.008%
21	6.899	813	822	837	rBV3	39613	124326	4.26%	0.657%
22	7.002	837	839	843	rVV4	1512	2186	0.07%	0.012%
23	7.088	843	853	884	rVV2	78363	307979	10.56%	1.627%
24	7.453	904	913	919	rVB5	2098	6740	0.23%	0.036%
25	7.551	925	929	930	rVV2	1454	1655	0.06%	0.009%
26	7.642	934	944	962	rVV	478045	1176268	40.32%	6.215%
27	7.886	981	984	985	rVV2	1623	1749	0.06%	0.009%
28	7.904	985	987	988	rVV2	1489	1522	0.05%	0.008%
29	7.947	988	994	1003	rVV3	8753	21304	0.73%	0.113%
30	8.051	1009	1011	1018	rVB5	814	1416	0.05%	0.007%
31	8.270	1037	1047	1070	rBV2	907560	2917140	100.00%	15.413%
32	8.545	1083	1092	1101	rBV	20760	52138	1.79%	0.275%
33	8.709	1111	1119	1131	rBV3	13726	35284	1.21%	0.186%
34	8.837	1131	1140	1155	rBV	845063	1694197	58.08%	8.952%
35	9.087	1169	1181	1189	rBV7	13107	35459	1.22%	0.187%
36	9.270	1201	1211	1221	rBV	625811	1281039	43.91%	6.769%

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

37	9.404	1227	1233	1245	rVB	123697	237613	8.15%	1.255%
38	9.660	1269	1275	1282	rBV7	2765	5998	0.21%	0.032%
39	9.739	1286	1288	1294	rVB4	1280	2137	0.07%	0.011%
40	10.032	1328	1336	1348	rBV2	282959	519998	17.83%	2.747%
41	10.124	1349	1351	1360	rVB8	1874	3205	0.11%	0.017%
42	10.209	1363	1365	1372	rVB6	1508	2411	0.08%	0.013%
43	10.319	1372	1383	1390	rBV	920928	1683469	57.71%	8.895%
44	10.386	1390	1394	1405	rVB	35782	63798	2.19%	0.337%
45	10.495	1407	1412	1417	rBV5	3372	6549	0.22%	0.035%
46	10.575	1418	1425	1432	rBV	155471	273618	9.38%	1.446%
47	10.697	1440	1445	1450	rVV	20377	35127	1.20%	0.186%
48	10.745	1450	1453	1456	rVB5	1277	1740	0.06%	0.009%
49	10.861	1465	1472	1476	rVV3	14758	25444	0.87%	0.134%
50	10.922	1476	1482	1494	rVV	253513	433393	14.86%	2.290%
51	11.069	1499	1506	1521	rVB	676771	1135107	38.91%	5.998%
52	11.349	1547	1552	1559	rVB6	2581	5193	0.18%	0.027%
53	11.459	1568	1570	1575	rVB5	949	1616	0.06%	0.009%
54	11.568	1583	1588	1590	rBV3	1816	3284	0.11%	0.017%
55	11.629	1590	1598	1607	rVV	628749	1105248	37.89%	5.840%
56	11.727	1607	1614	1622	rVV2	8970	23477	0.80%	0.124%
57	11.849	1625	1634	1645	rVV4	18004	50088	1.72%	0.265%
58	11.946	1645	1650	1656	rVV5	9183	20257	0.69%	0.107%
59	12.026	1659	1663	1670	rVV5	1638	4365	0.15%	0.023%
60	12.087	1670	1673	1677	rVV4	1889	3247	0.11%	0.017%
61	12.166	1680	1686	1693	rBV8	3588	9246	0.32%	0.049%
62	12.239	1693	1698	1703	rVB5	2243	4266	0.15%	0.023%
63	12.337	1707	1714	1723	rBV	46147	80699	2.77%	0.426%
64	12.465	1732	1735	1737	rVB4	1160	1241	0.04%	0.007%
65	12.562	1746	1751	1752	rBV2	795	1216	0.04%	0.006%
66	12.599	1752	1757	1764	rBV2	43743	73178	2.51%	0.387%
67	12.690	1764	1772	1781	rVB	272704	447701	15.35%	2.366%
68	12.800	1786	1790	1794	rVB6	1098	1767	0.06%	0.009%
69	12.928	1803	1811	1817	rBV5	8974	21124	0.72%	0.112%
70	13.044	1825	1830	1834	rBV4	2733	4861	0.17%	0.026%
71	13.099	1834	1839	1844	rBV4	6276	12342	0.42%	0.065%
72	13.147	1844	1847	1855	rVB5	4529	8983	0.31%	0.047%
73	13.282	1859	1869	1877	rVB5	4451	13017	0.45%	0.069%
74	13.391	1879	1887	1896	rBV2	27180	46958	1.61%	0.248%
75	13.471	1896	1900	1903	rBV6	1338	2343	0.08%	0.012%
76	13.550	1907	1913	1923	rBV	243173	409478	14.04%	2.164%

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Peak separation: 5

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 Title : SFAM01.0

77	13.641	1923	1928	1934	rBV4	7550	12759	0.44%	0.067%
78	13.745	1941	1945	1947	rBV5	1185	1357	0.05%	0.007%
79	13.849	1954	1962	1975	rVV	214848	368800	12.64%	1.949%
80	14.013	1986	1989	1992	rVV4	2327	2887	0.10%	0.015%
81	14.062	1992	1997	2006	rVB2	29488	53937	1.85%	0.285%
82	14.184	2013	2017	2018	rBV3	1475	1753	0.06%	0.009%
83	14.318	2033	2039	2047	rBV2	18725	33787	1.16%	0.179%
84	14.409	2051	2054	2058	rVB4	1163	1800	0.06%	0.010%
85	14.483	2063	2066	2067	rBV2	1677	1646	0.06%	0.009%
86	14.519	2067	2072	2077	rVV2	7398	11923	0.41%	0.063%
87	14.623	2083	2089	2094	rBV7	3455	5898	0.20%	0.031%
88	14.714	2101	2104	2107	rVB5	1379	1596	0.05%	0.008%
89	14.873	2125	2130	2136	rVB9	1746	2553	0.09%	0.013%
90	14.940	2136	2141	2148	rBV8	3054	6146	0.21%	0.032%
91	15.129	2170	2172	2175	rBV4	1429	1877	0.06%	0.010%
92	15.178	2175	2180	2182	rBV5	3074	4939	0.17%	0.026%
93	15.245	2188	2191	2196	rVB5	2017	3470	0.12%	0.018%
94	15.360	2205	2210	2212	rVV4	1874	3081	0.11%	0.016%
95	15.391	2212	2215	2221	rVB6	3131	5380	0.18%	0.028%
96	15.476	2224	2229	2233	rBV	7181	11553	0.40%	0.061%
97	15.671	2256	2261	2265	rBV7	815	1202	0.04%	0.006%
98	15.781	2272	2279	2285	rBV7	3827	8947	0.31%	0.047%
99	15.946	2303	2306	2313	rVB6	2250	4802	0.16%	0.025%
100	16.171	2339	2343	2346	rBV6	959	1626	0.06%	0.009%

Sum of corrected areas: 18926271

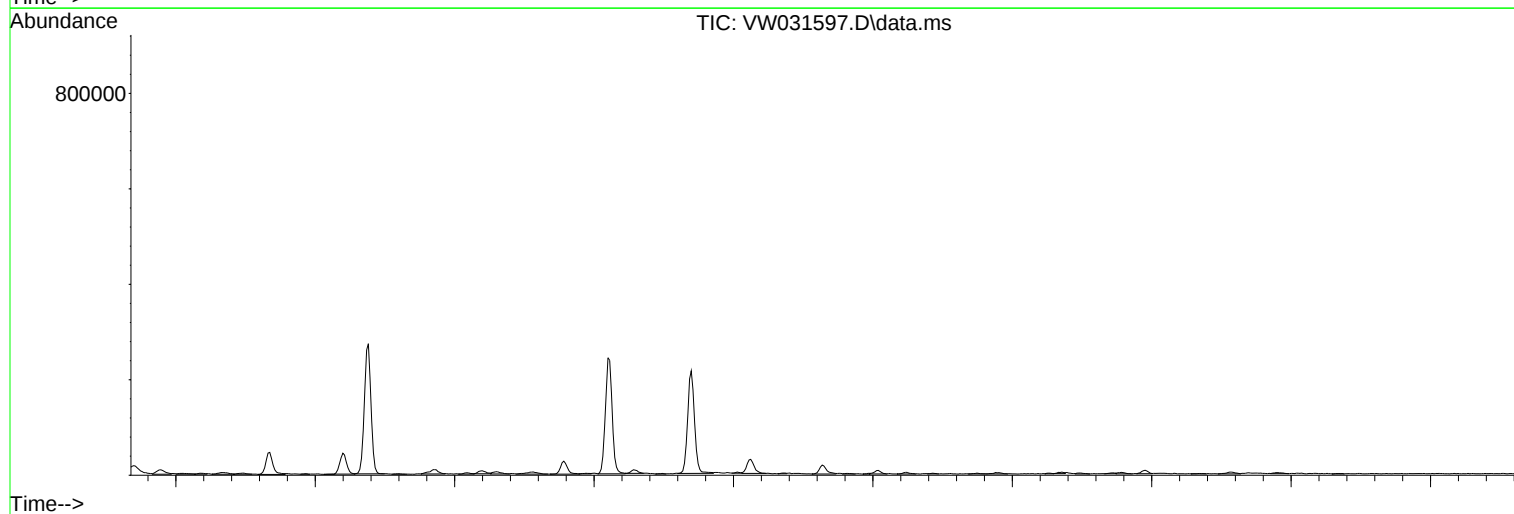
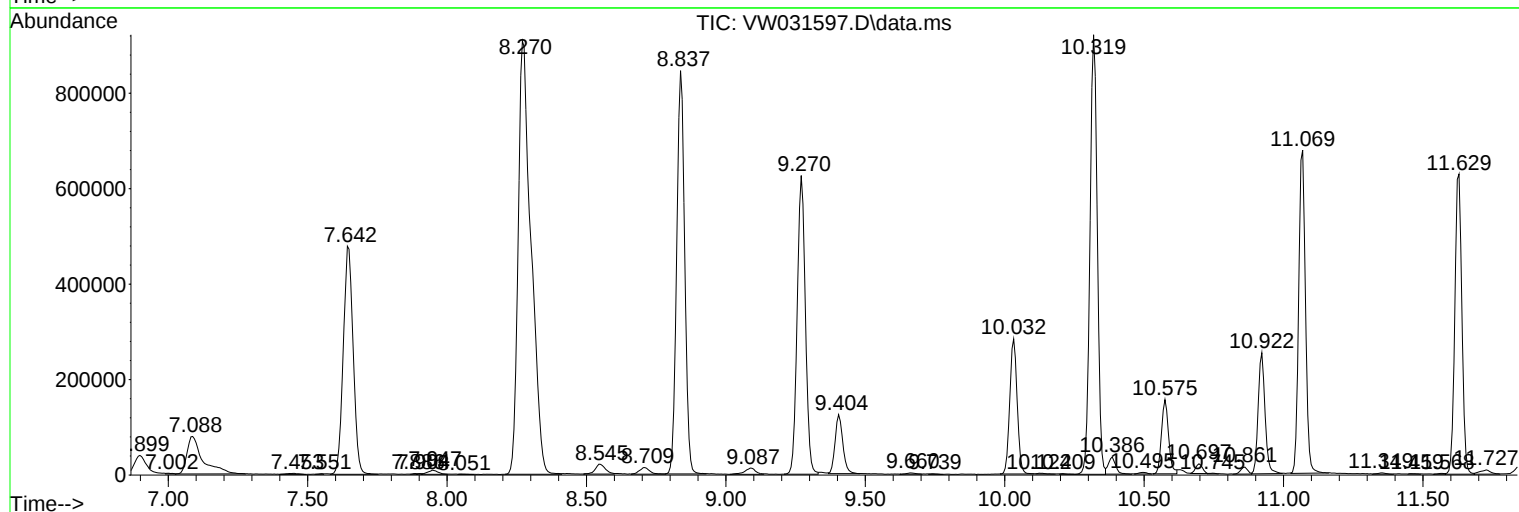
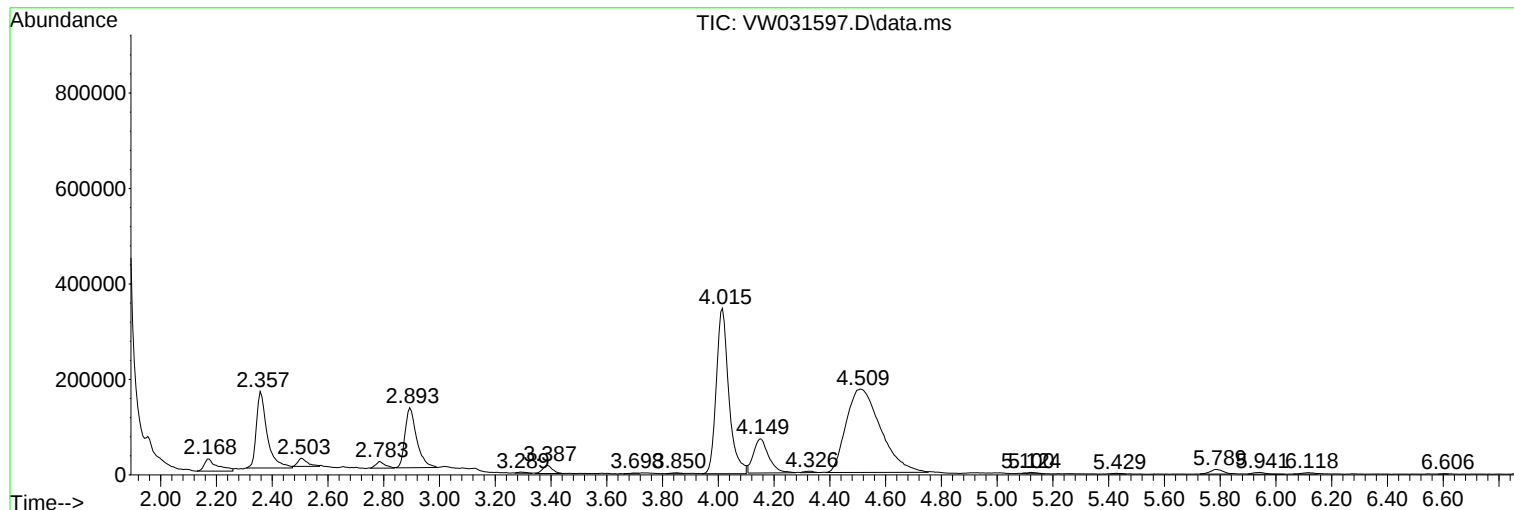
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A44S7

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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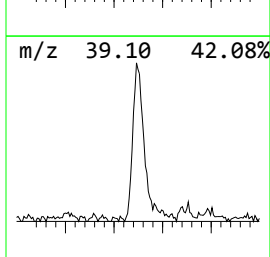
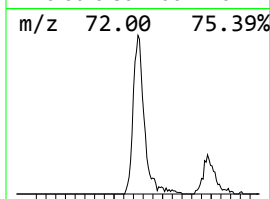
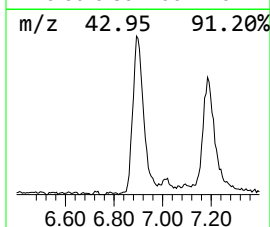
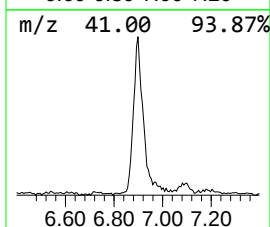
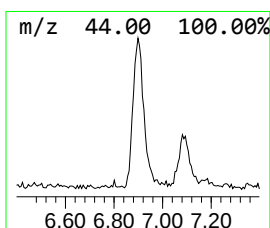
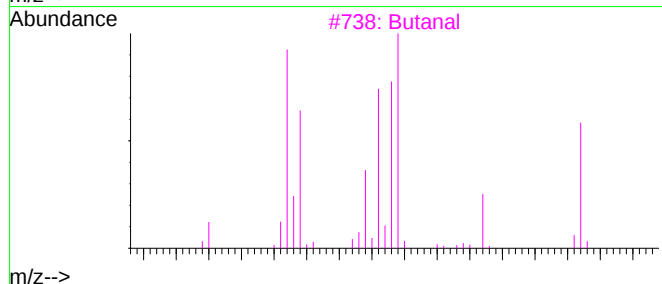
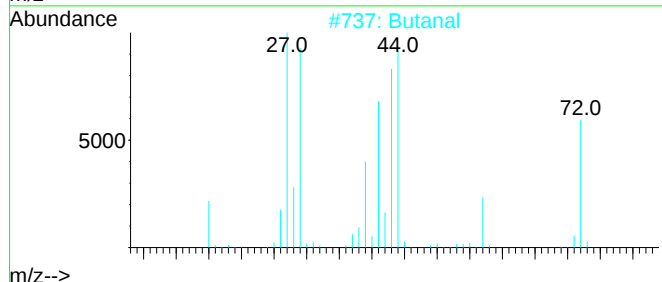
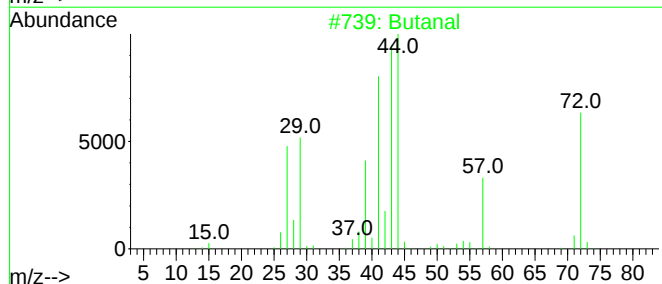
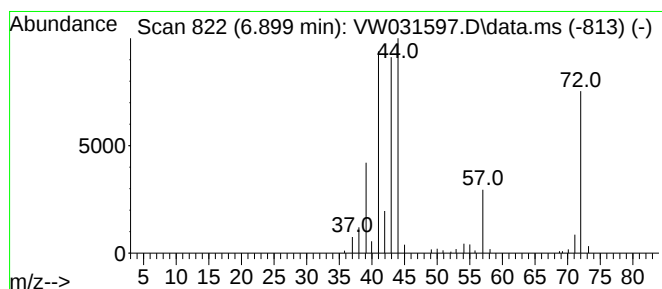
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.899	1.83 ug/L	124326	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	64
5	Butanal	72	C4H8O	000123-72-8	50



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

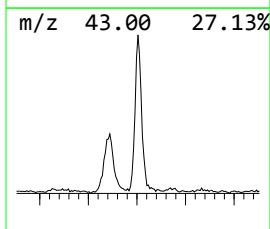
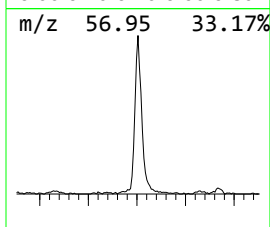
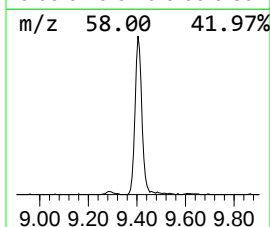
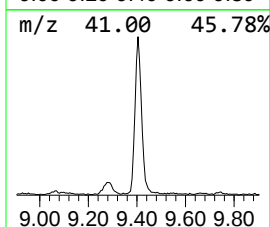
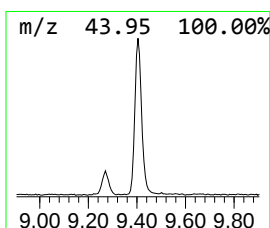
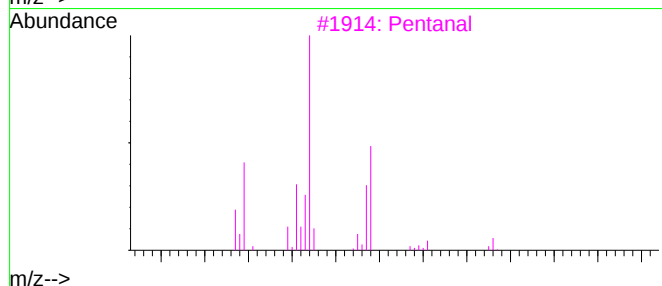
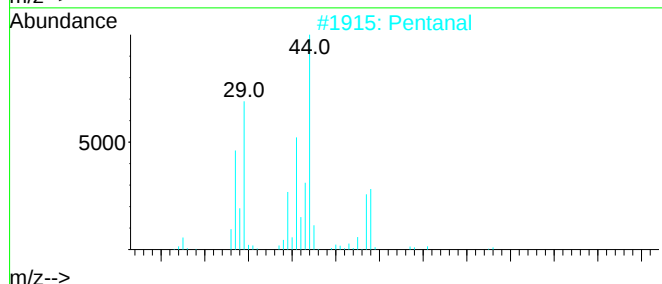
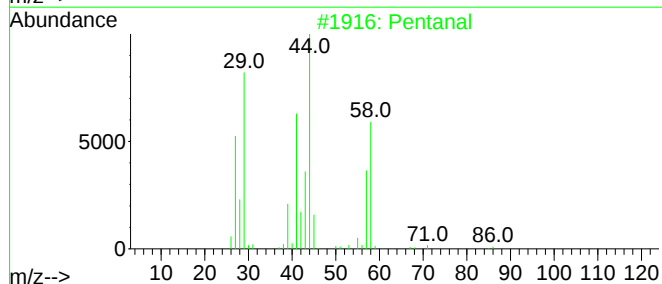
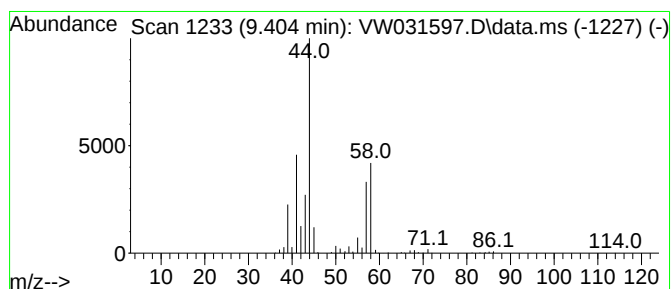
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	3.51 ug/L	237613	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	90
3	Pentanal	86	C5H10O	000110-62-3	78
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
5	Pentanal	86	C5H10O	000110-62-3	74



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

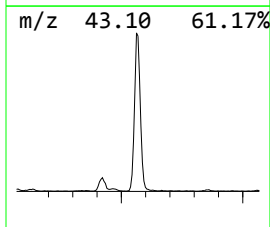
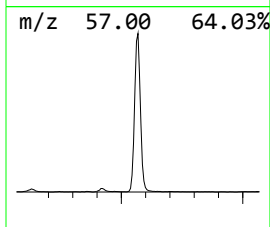
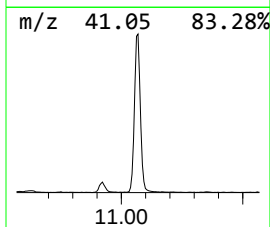
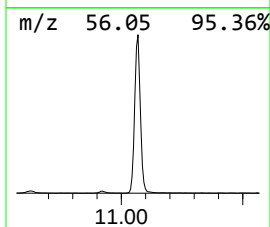
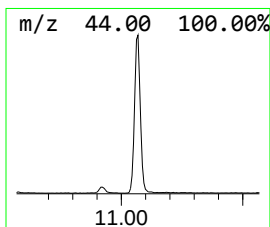
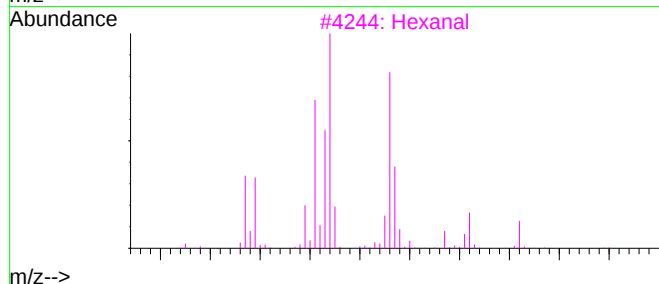
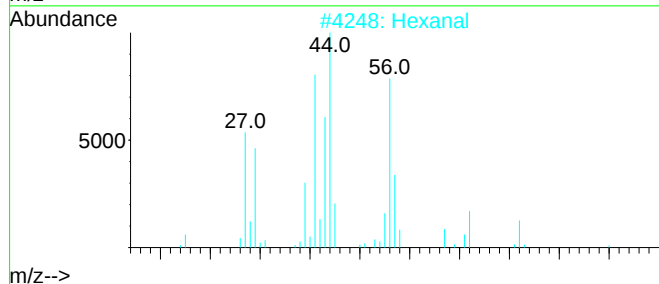
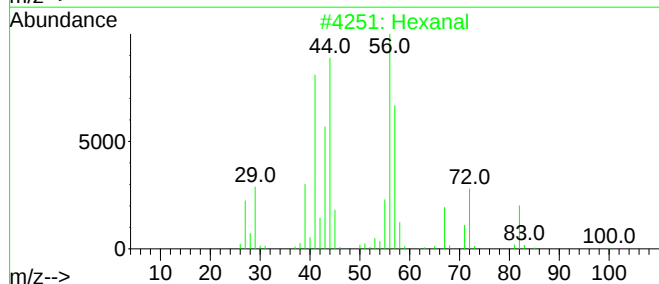
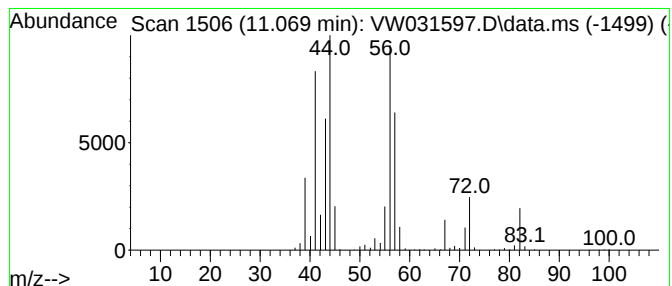
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	25.68 ug/L	1135110	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	94
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	90
5	Hexanal	100	C6H12O	000066-25-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031597.D
Acq On : 27 Jan 2025 16:54
Operator : SY/MD
Sample : Q1190-08
Misc : 4.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S7

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

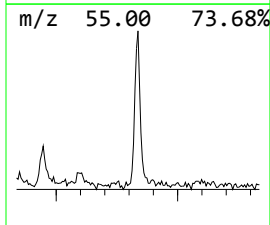
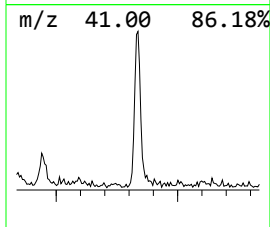
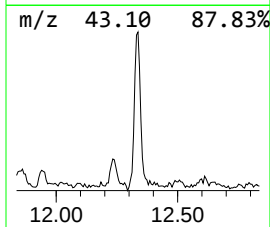
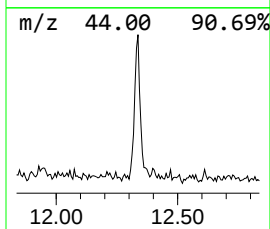
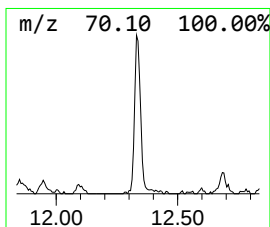
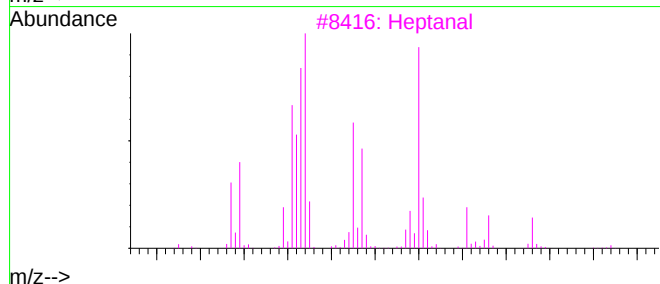
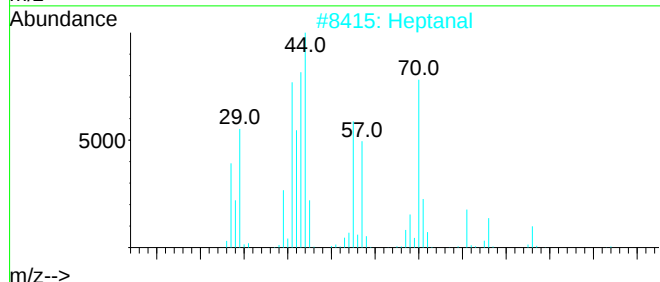
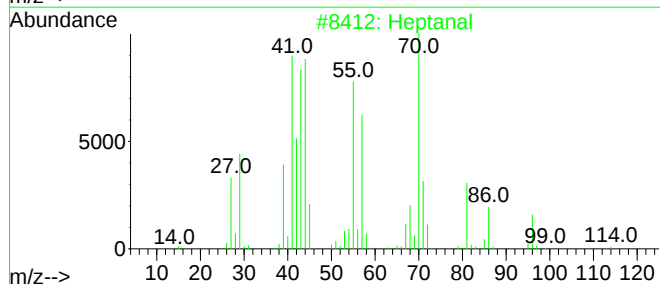
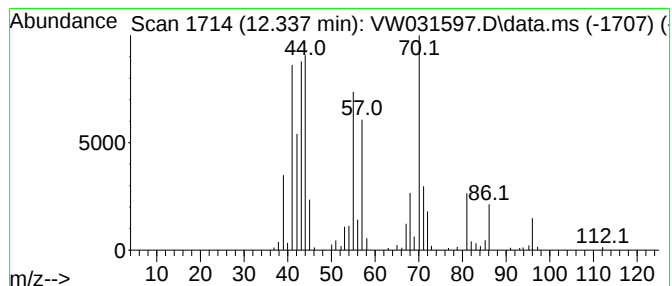
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	1.83 ug/L	80699	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	91
2	Heptanal	114	C7H14O	000111-71-7	90
3	Heptanal	114	C7H14O	000111-71-7	86
4	Heptanal	114	C7H14O	000111-71-7	83
5	Heptanal	114	C7H14O	000111-71-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031597.D
Acq On : 27 Jan 2025 16:54
Operator : SY/MD
Sample : Q1190-08
Misc : 4.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S7

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

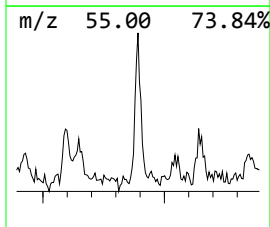
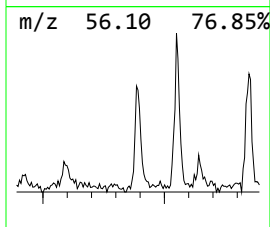
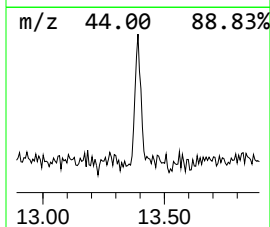
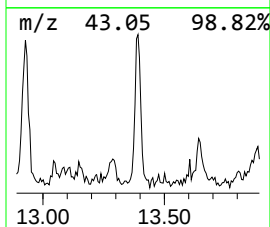
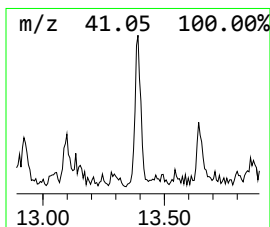
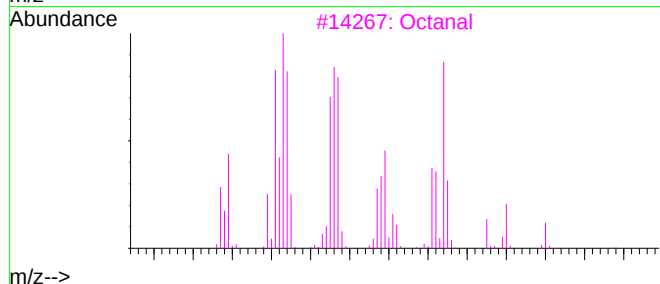
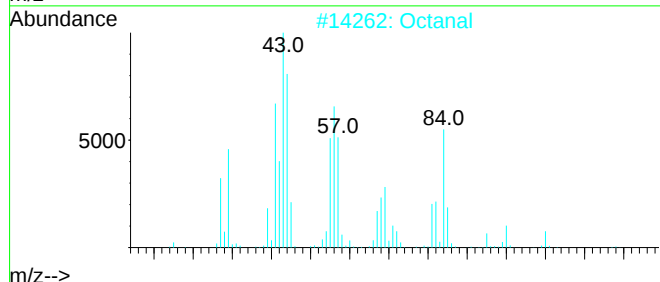
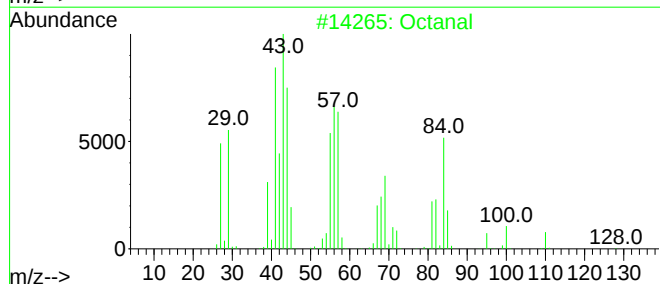
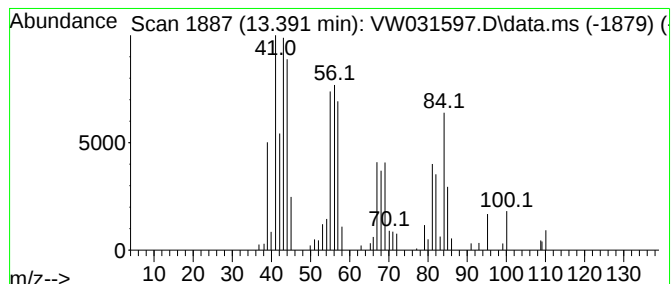
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Octanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	2.87 ug/L	46958	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	72
3	Octanal	128	C8H16O	000124-13-0	64
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	35
5	1-Hexene	84	C6H12	000592-41-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031597.D
Acq On : 27 Jan 2025 16:54
Operator : SY/MD
Sample : Q1190-08
Misc : 4.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S7

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	6.899	1.8	ug/L	124326	1	8.837	1694200	25.0
Pentanal	9.404	3.5	ug/L	237613	1	8.837	1694200	25.0
Hexanal	11.069	25.7	ug/L	1135110	2	11.629	1105250	25.0
Heptanal	12.337	1.8	ug/L	80699	2	11.629	1105250	25.0
Octanal	13.391	2.9	ug/L	46958	3	13.556	409478	25.0