

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031667.D
 Acq On : 30 Jan 2025 19:23
 Operator : SY/MD
 Sample : VIBLK601
 Misc : 5.00g/10mL/MSVOA_W/SOIL/
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK601

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\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031667.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	49	rBV3	3174	7953	0.75%	0.086%
2	2.357	71	77	90	rBV	56916	128150	12.02%	1.392%
3	2.503	96	101	106	rBV	14846	33008	3.10%	0.358%
4	2.893	159	165	181	rVB2	40883	121447	11.39%	1.319%
5	3.387	240	246	253	rVB3	5255	12769	1.20%	0.139%
6	3.716	299	300	302	rVB2	864	472	0.04%	0.005%
7	3.832	316	319	321	rBV4	920	1077	0.10%	0.012%
8	3.850	321	322	328	rVB4	1087	1319	0.12%	0.014%
9	3.899	328	330	331	rBV2	808	653	0.06%	0.007%
10	4.015	337	349	362	rBV2	123765	405708	38.05%	4.405%
11	4.143	363	370	388	rVB	57405	191249	17.93%	2.077%
12	4.350	402	404	406	rVB3	570	473	0.04%	0.005%
13	4.466	419	423	425	rBV3	708	1016	0.10%	0.011%
14	4.624	447	449	452	rBV3	528	653	0.06%	0.007%
15	4.679	452	458	472	rVB2	5347	16538	1.55%	0.180%
16	4.905	487	495	496	rBV2	3918	5764	0.54%	0.063%
17	5.100	525	527	529	rVV2	967	753	0.07%	0.008%
18	5.124	530	531	536	rVB2	689	670	0.06%	0.007%
19	5.222	544	547	548	rBV2	530	597	0.06%	0.006%
20	5.447	581	584	585	rVB2	574	537	0.05%	0.006%
21	5.563	601	603	606	rVB	508	464	0.04%	0.005%
22	5.600	606	609	610	rBV2	615	614	0.06%	0.007%
23	5.789	629	640	649	rBV4	4810	15847	1.49%	0.172%
24	5.917	659	661	662	rBV2	768	726	0.07%	0.008%
25	5.935	662	664	669	rVB5	1319	1851	0.17%	0.020%
26	6.118	689	694	695	rVV4	1325	1986	0.19%	0.022%
27	6.161	699	701	702	rVV2	930	777	0.07%	0.008%
28	6.551	760	765	767	rBV3	382	502	0.05%	0.005%
29	6.588	769	771	773	rBV2	537	496	0.05%	0.005%
30	6.728	791	794	796	rBV2	406	538	0.05%	0.006%
31	6.898	813	822	835	rBV2	28702	84924	7.96%	0.922%
32	7.081	844	852	864	rBV	81673	251274	23.56%	2.729%
33	7.465	911	915	917	rBV5	509	509	0.05%	0.006%
34	7.551	922	929	933	rBV4	1498	4101	0.38%	0.045%
35	7.648	933	945	957	rVB	173820	434131	40.71%	4.714%
36	7.795	966	969	971	rBV3	649	729	0.07%	0.008%

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 ClientSampleId :
 VIBLK601

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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

37	7.947	989	994	995	rBV4	880	1319	0.12%	0.014%
38	8.051	1007	1011	1015	rVB3	618	1083	0.10%	0.012%
39	8.136	1021	1025	1029	rVB2	410	677	0.06%	0.007%
40	8.270	1035	1047	1063	rBV2	337913	1066369	100.00%	11.579%
41	8.490	1080	1083	1084	rBV2	693	661	0.06%	0.007%
42	8.551	1084	1093	1101	rVB6	5903	16185	1.52%	0.176%
43	8.703	1110	1118	1127	rBV2	29213	69843	6.55%	0.758%
44	8.837	1131	1140	1152	rVV	471126	937199	87.89%	10.177%
45	9.057	1169	1176	1181	rBV7	1921	5326	0.50%	0.058%
46	9.142	1188	1190	1192	rVB2	578	532	0.05%	0.006%
47	9.185	1195	1197	1201	rVB2	627	492	0.05%	0.005%
48	9.270	1201	1211	1223	rBV	251445	516500	48.44%	5.609%
49	9.404	1226	1233	1245	rVV	106660	204366	19.16%	2.219%
50	9.624	1266	1269	1270	rBV3	582	477	0.04%	0.005%
51	9.666	1272	1276	1280	rVV5	1378	2700	0.25%	0.029%
52	9.764	1289	1292	1297	rVB4	420	673	0.06%	0.007%
53	10.032	1325	1336	1347	rBV	123319	224977	21.10%	2.443%
54	10.215	1361	1366	1370	rVB4	1064	1948	0.18%	0.021%
55	10.319	1373	1383	1391	rBV	383507	698040	65.46%	7.580%
56	10.495	1410	1412	1419	rVB6	1675	2713	0.25%	0.029%
57	10.575	1419	1425	1440	rBV	75442	145523	13.65%	1.580%
58	10.703	1441	1446	1450	rVB2	8514	13958	1.31%	0.152%
59	10.861	1469	1472	1475	rBV3	884	1408	0.13%	0.015%
60	10.922	1475	1482	1495	rVV	266766	465939	43.69%	5.060%
61	11.068	1499	1506	1528	rVB	521682	878857	82.42%	9.543%
62	11.215	1528	1530	1531	rBV2	696	561	0.05%	0.006%
63	11.465	1568	1571	1573	rBV3	565	510	0.05%	0.006%
64	11.629	1590	1598	1607	rBV	429563	746855	70.04%	8.110%
65	11.709	1608	1611	1614	rBV2	2284	2723	0.26%	0.030%
66	11.788	1622	1624	1626	rBV3	833	505	0.05%	0.005%
67	11.849	1626	1634	1644	rVV	18526	44331	4.16%	0.481%
68	11.946	1646	1650	1658	rVV6	6908	14765	1.38%	0.160%
69	12.013	1659	1661	1668	rVV6	1752	3596	0.34%	0.039%
70	12.099	1671	1675	1679	rVB7	1244	2015	0.19%	0.022%
71	12.239	1694	1698	1703	rBV3	1654	3049	0.29%	0.033%
72	12.337	1708	1714	1726	rBV2	22796	42274	3.96%	0.459%
73	12.465	1728	1735	1740	rBV4	3303	5840	0.55%	0.063%
74	12.599	1751	1757	1764	rBV	32628	56439	5.29%	0.613%
75	12.690	1764	1772	1779	rVV	233221	385124	36.12%	4.182%
76	12.818	1789	1793	1796	rBV6	936	1687	0.16%	0.018%

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK601

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

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Peak separation: 5

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 Title : SFAM01.0

77	12.928	1799	1811	1816	rBV6	5435	15492	1.45%	0.168%
78	13.038	1826	1829	1833	rVB	3709	4190	0.39%	0.045%
79	13.092	1834	1838	1843	rBV3	5716	10054	0.94%	0.109%
80	13.153	1843	1848	1853	rVB3	8869	14796	1.39%	0.161%
81	13.391	1881	1887	1895	rVV2	14942	29226	2.74%	0.317%
82	13.464	1896	1899	1900	rBV3	1654	1786	0.17%	0.019%
83	13.550	1907	1913	1922	rVB	207569	340639	31.94%	3.699%
84	13.641	1924	1928	1935	rVV3	8831	14805	1.39%	0.161%
85	13.848	1955	1962	1975	rBV	136108	237129	22.24%	2.575%
86	14.062	1991	1997	2015	rVB	52690	104085	9.76%	1.130%
87	14.184	2015	2017	2021	rBV5	1946	1716	0.16%	0.019%
88	14.318	2033	2039	2048	rBV3	15401	32758	3.07%	0.356%
89	14.458	2060	2062	2064	rBV3	851	918	0.09%	0.010%
90	14.519	2064	2072	2080	rVV	14562	29877	2.80%	0.324%
91	15.086	2163	2165	2168	rVB4	773	808	0.08%	0.009%
92	15.123	2168	2171	2173	rBV4	1046	1304	0.12%	0.014%
93	15.196	2176	2183	2187	rVV8	4223	10060	0.94%	0.109%
94	15.238	2188	2190	2196	rVB7	3947	5468	0.51%	0.059%
95	15.391	2212	2215	2222	rVB5	6118	10336	0.97%	0.112%
96	15.476	2222	2229	2234	rBV	14168	28207	2.65%	0.306%
97	15.574	2243	2245	2246	rBV2	1268	1029	0.10%	0.011%
98	15.659	2257	2259	2260	rBV2	1070	1030	0.10%	0.011%
99	15.787	2274	2280	2284	rBV4	6703	12475	1.17%	0.135%
100	16.025	2316	2319	2321	rBV4	2062	2623	0.25%	0.028%

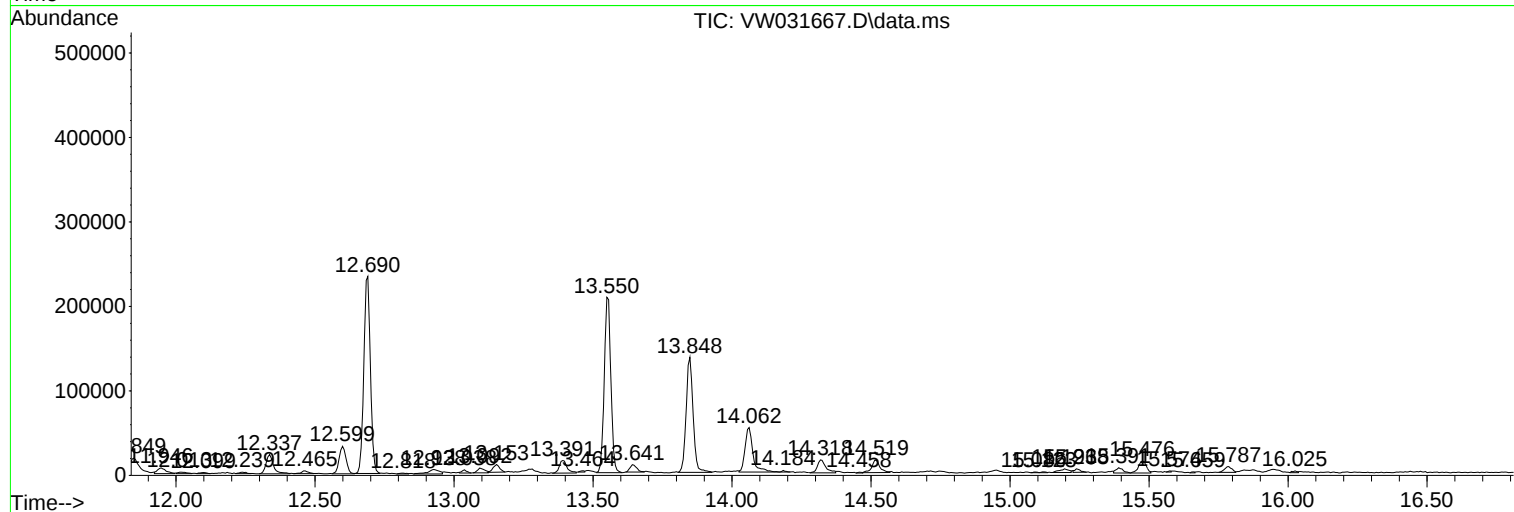
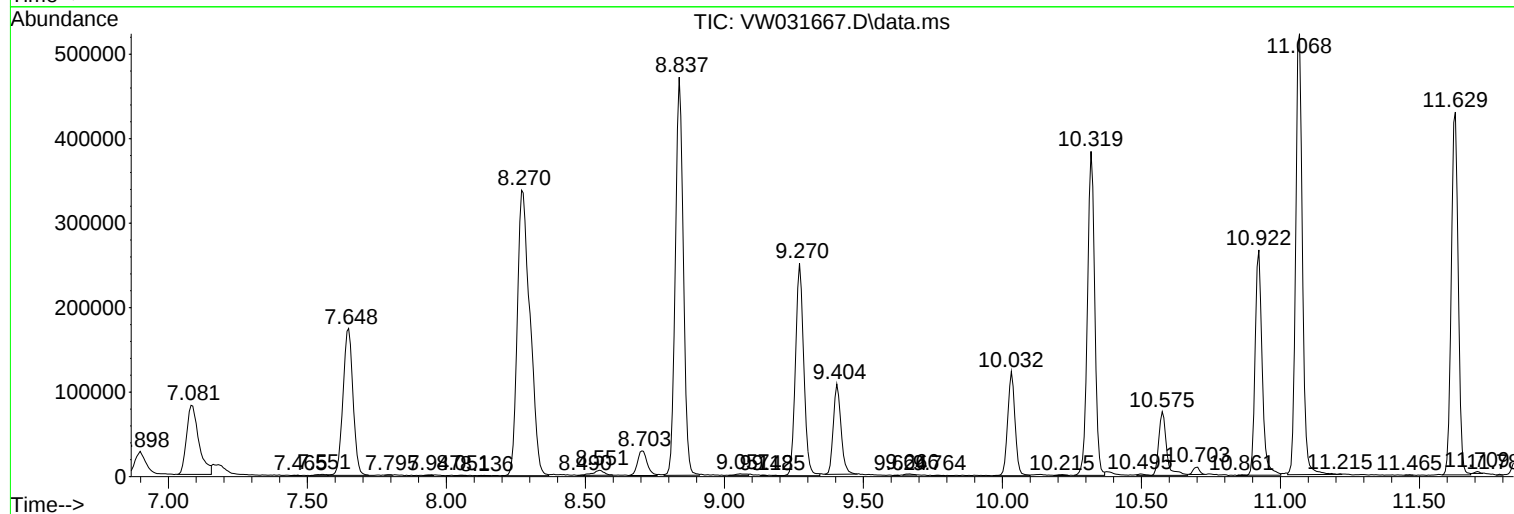
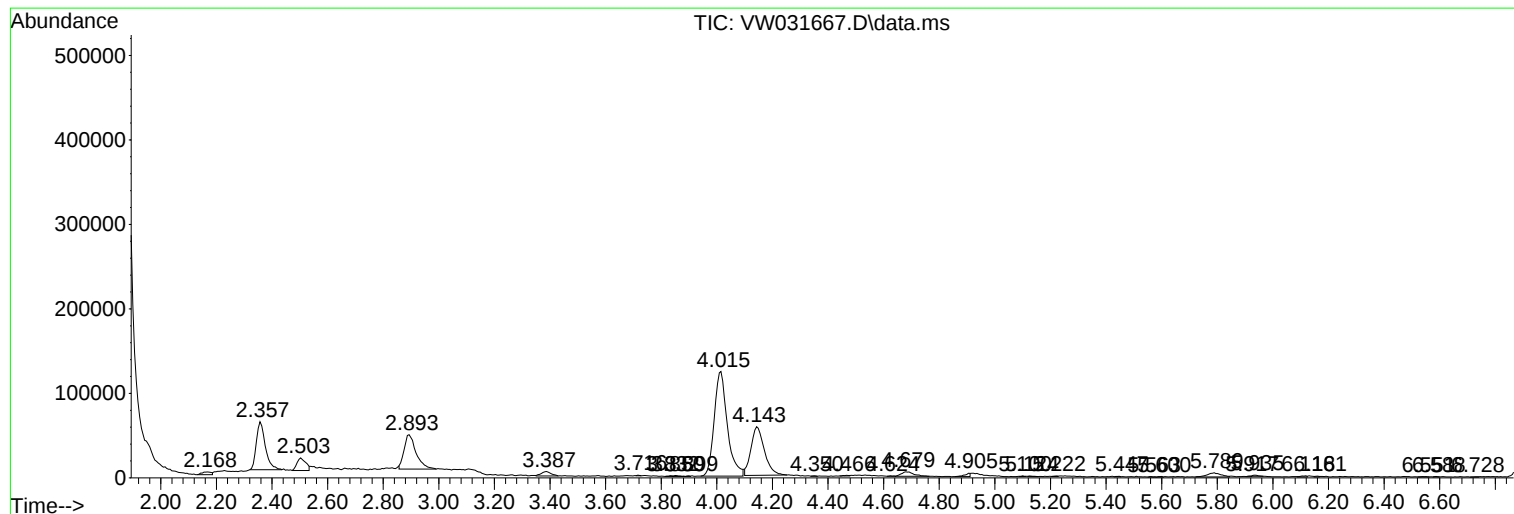
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Sample : VIBLK601
Misc : 5.00g/10mL/MSVOA_W/SOIL/
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK601

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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Instrument :
MSVOA_W
ClientSampleId :
VIBLK601

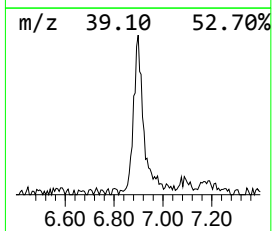
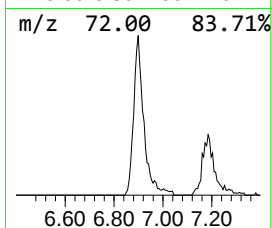
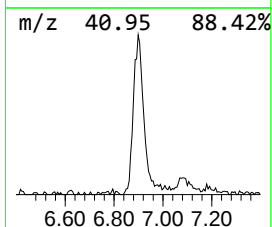
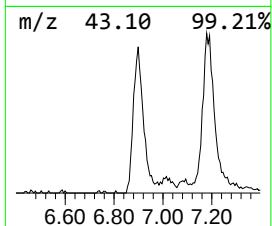
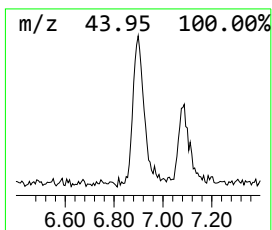
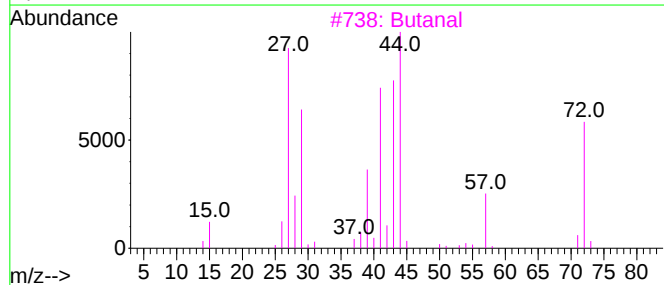
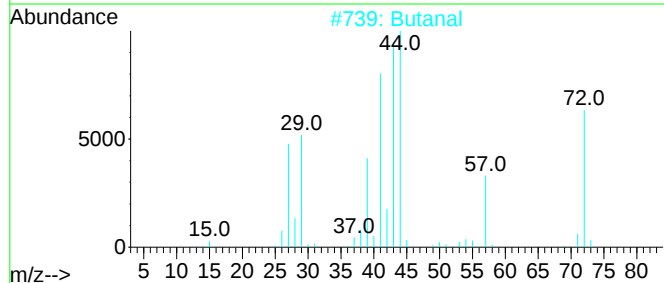
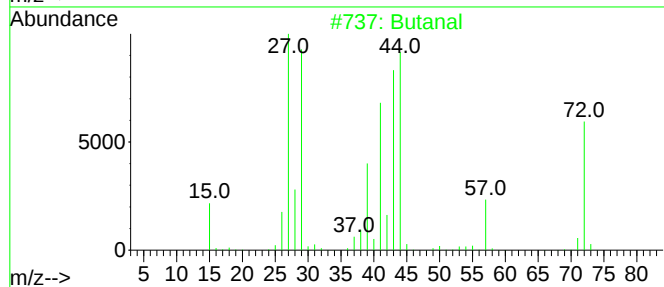
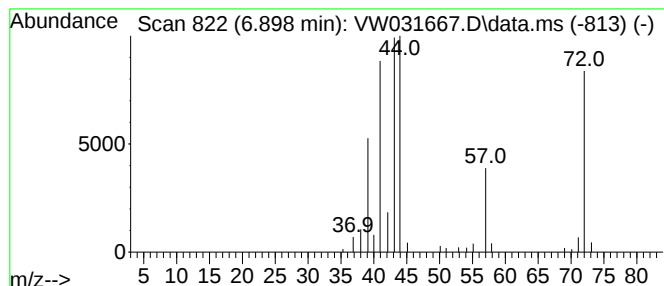
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Butanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	2.27 ug/L	84924	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	91
2	Butanal			72	C4H8O	000123-72-8	91
3	Butanal			72	C4H8O	000123-72-8	72
4	Butanal			72	C4H8O	000123-72-8	59
5	Ethene, ethoxy-			72	C4H8O	000109-92-2	53



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VIBLK601

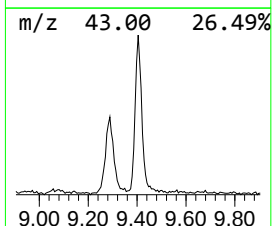
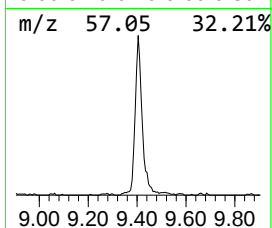
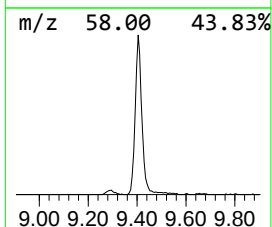
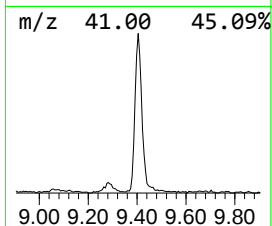
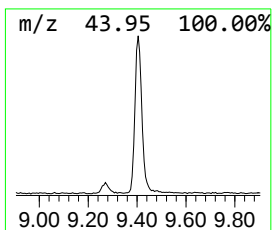
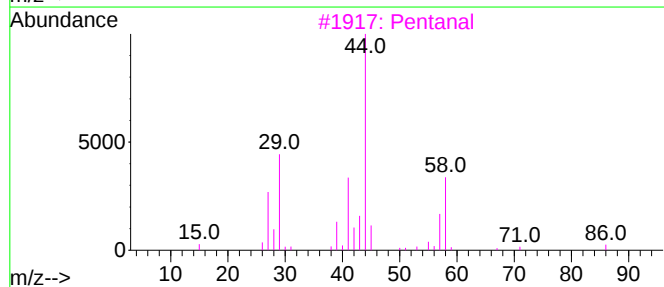
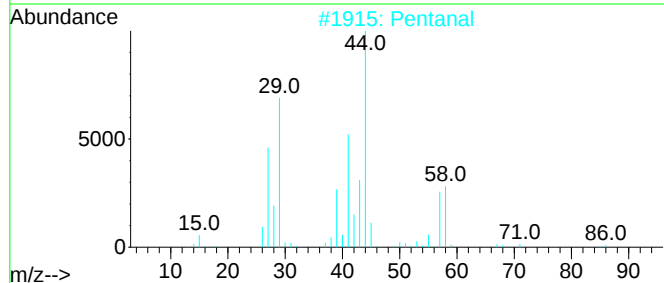
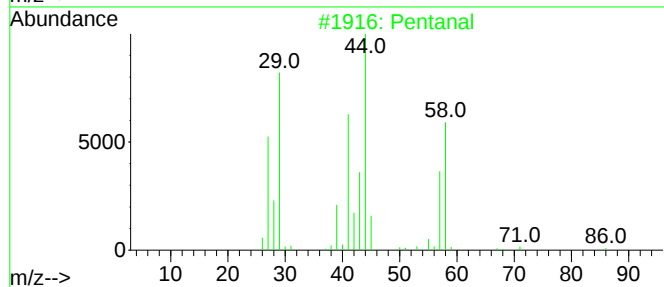
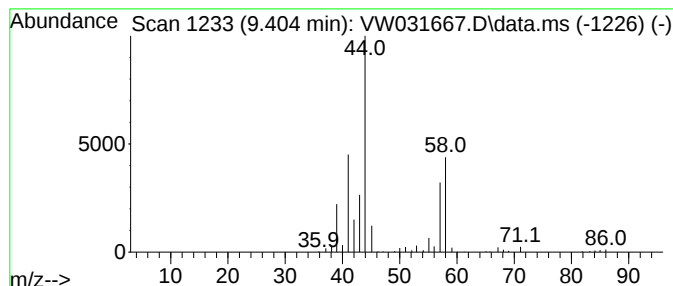
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	5.45 ug/L	204366	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	83
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	83
5	Pentanal			86	C5H10O	000110-62-3	78



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ClientSampleId :
VIBLK601

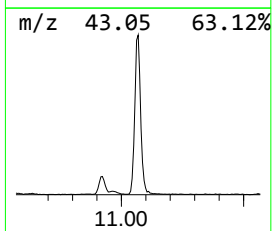
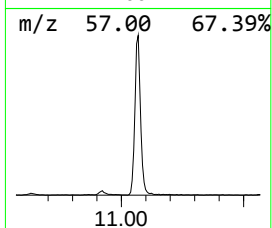
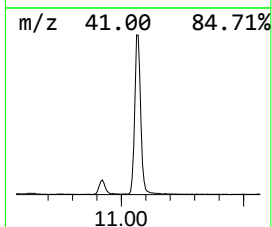
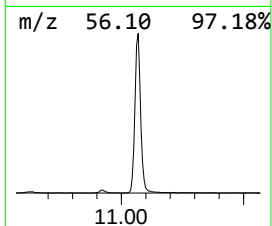
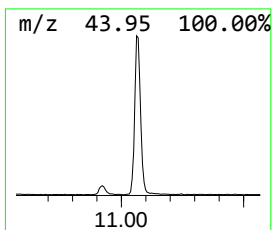
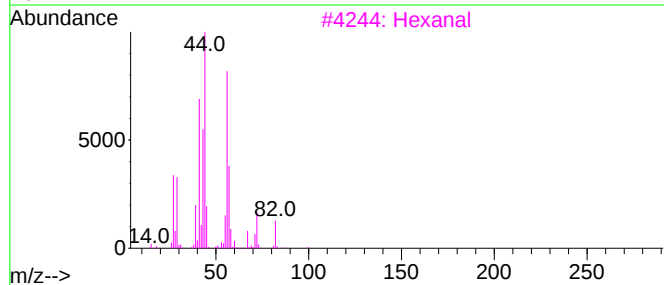
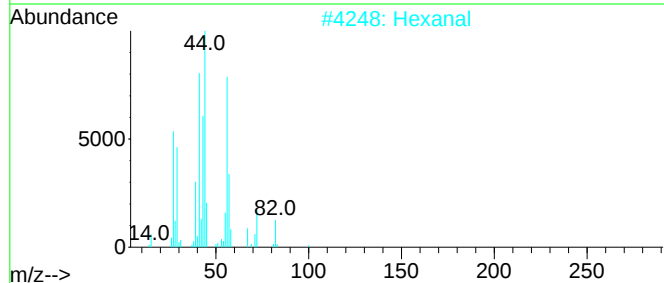
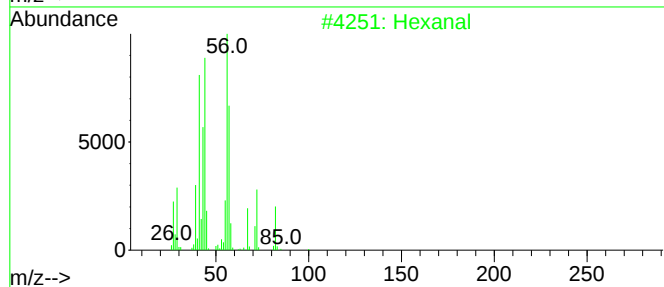
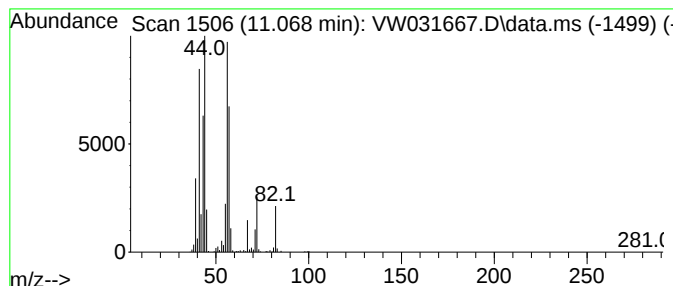
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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.
11.068	29.42 ug/L	878857	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	91
3	Hexanal			100	C6H12O	000066-25-1	91
4	Hexanal			100	C6H12O	000066-25-1	86
5	Hexanal			100	C6H12O	000066-25-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031667.D
Acq On : 30 Jan 2025 19:23
Operator : SY/MD
Sample : VIBLK601
Misc : 5.00g/10mL/MSVOA_W/SOIL/
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK601

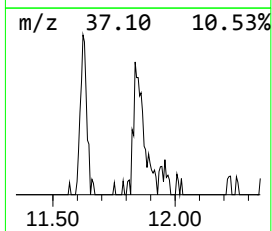
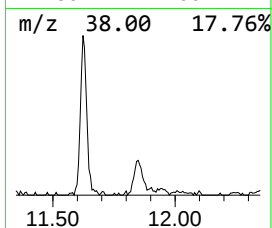
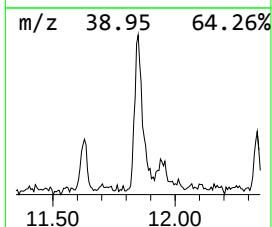
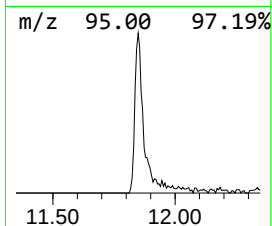
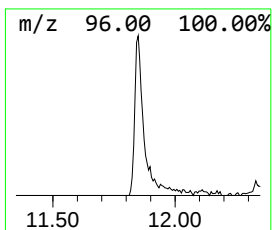
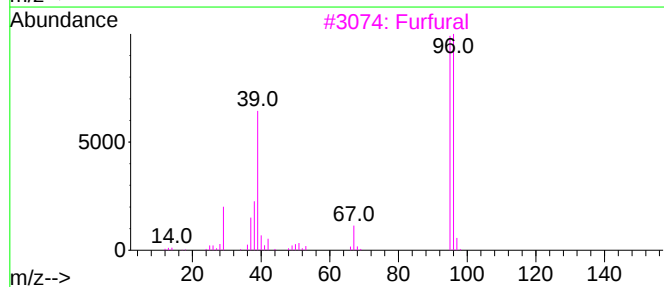
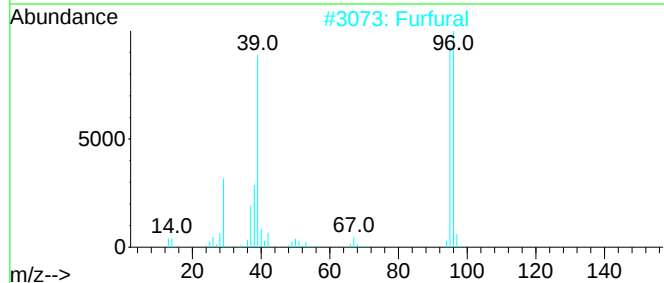
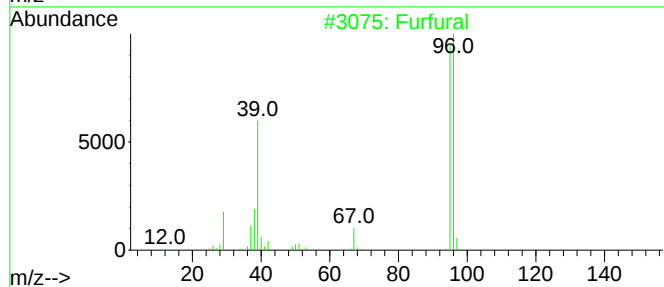
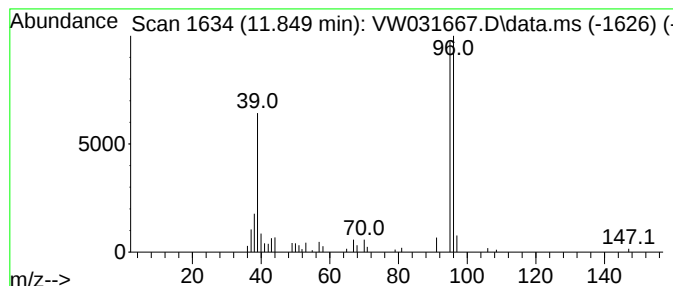
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Quant Title : SFAM01.0

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

Peak Number 6 Furfural Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.849	1.48 ug/L	44331	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	91
2	Furfural			96	C5H4O2	000098-01-1	91
3	Furfural			96	C5H4O2	000098-01-1	91
4	Furfural			96	C5H4O2	000098-01-1	91
5	3-Furaldehyde			96	C5H4O2	000498-60-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031667.D
Acq On : 30 Jan 2025 19:23
Operator : SY/MD
Sample : VIBLK601
Misc : 5.00g/10mL/MSVOA_W/SOIL/
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK601

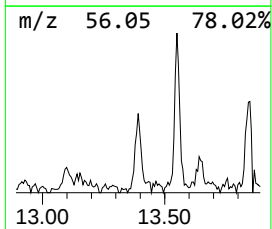
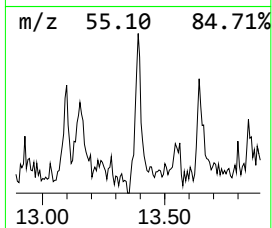
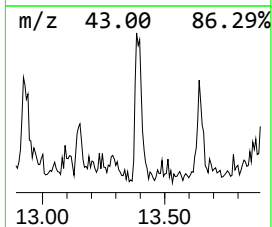
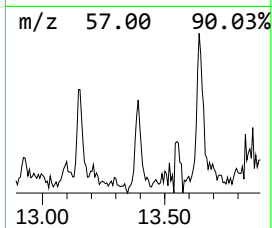
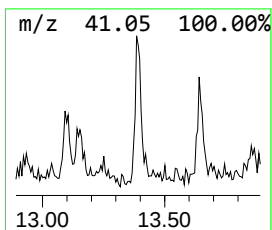
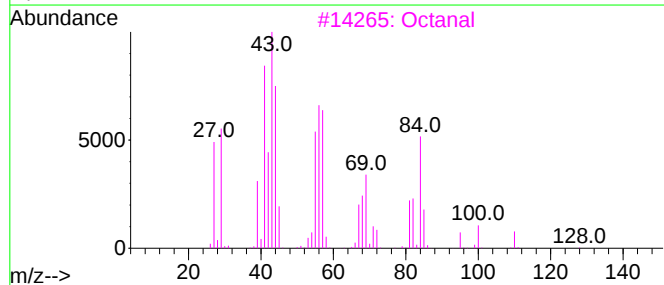
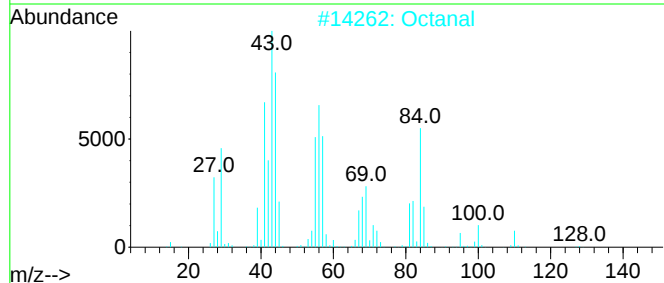
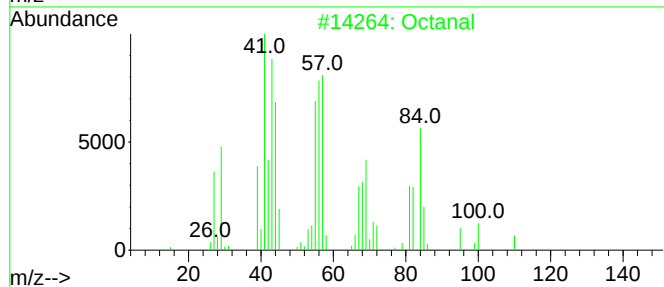
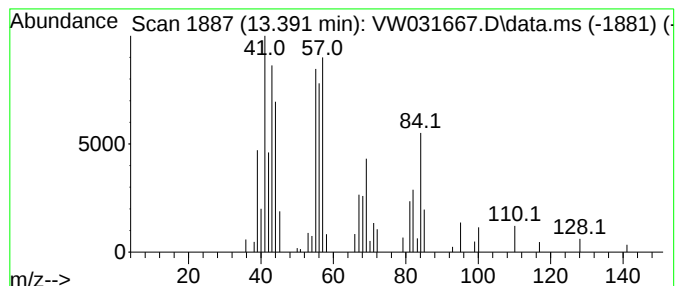
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Quant Title : SFAM01.0

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

Peak Number 9 Octanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	2.14 ug/L	29226	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	90
3	Octanal			128	C8H16O	000124-13-0	90
4	Octanal			128	C8H16O	000124-13-0	83
5	Octanal			128	C8H16O	000124-13-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031667.D
Acq On : 30 Jan 2025 19:23
Operator : SY/MD
Sample : VIBLK601
Misc : 5.00g/10mL/MSVOA_W/SOIL/
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK601

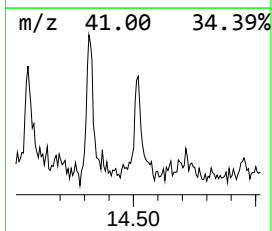
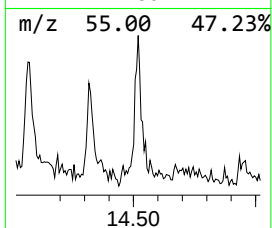
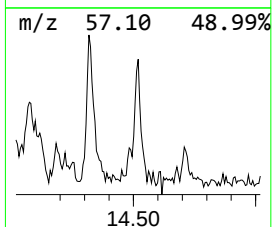
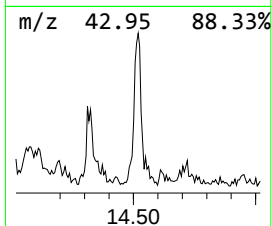
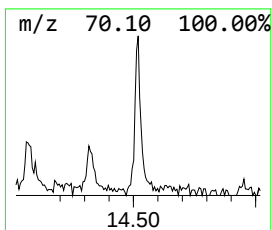
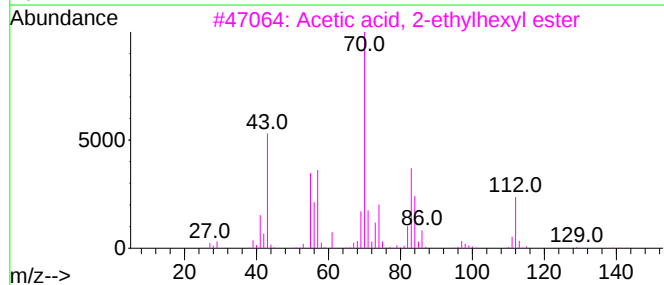
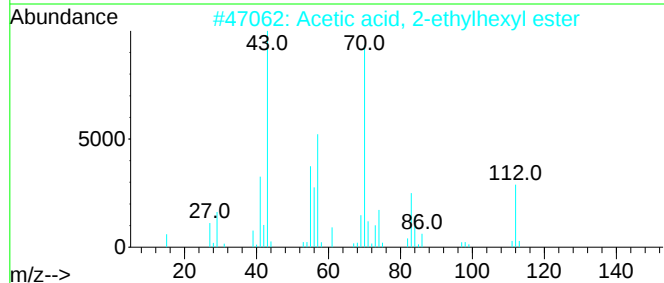
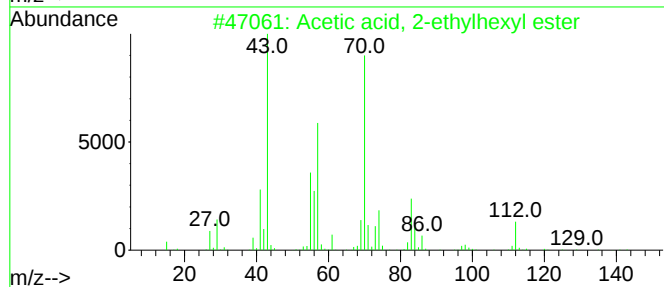
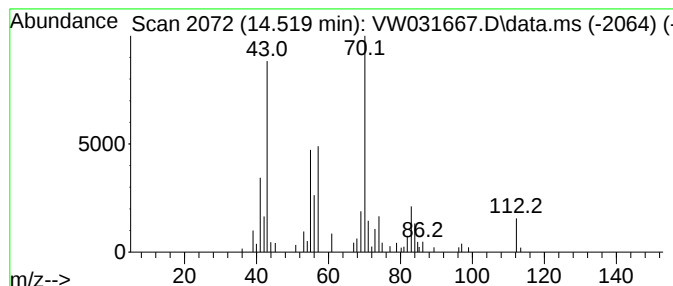
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Quant Title : SFAM01.0

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

Peak Number 12 Acetic acid, 2-ethylhexyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.519	2.19 ug/L	29877	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	86
2			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	83
3			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	50
4			2-Ethylhexyl methacrylate	198	C12H22O2	000688-84-6	50
5			1-Hexanol, 4-methyl-, acetate	158	C9H18O2	091367-59-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031667.D
Acq On : 30 Jan 2025 19:23
Operator : SY/MD
Sample : VIBLK601
Misc : 5.00g/10mL/MSVOA_W/SOIL/
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK601

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanal	6.898	2.3	ug/L	84924	1	8.837	937199	25.0
Pentanal	9.404	5.5	ug/L	204366	1	8.837	937199	25.0
Hexanal	11.068	29.4	ug/L	878857	2	11.629	746855	25.0
Furfural	11.849	1.5	ug/L	44331	2	11.629	746855	25.0
Octanal	13.391	2.1	ug/L	29226	3	13.550	340639	25.0
Acetic acid, 2-...	14.519	2.2	ug/L	29877	3	13.550	340639	25.0