

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030038.D
 Acq On : 27 Aug 2024 12:45
 Operator : SY/MD
 Sample : P3675-15
 Misc : 5.26g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXY8

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\SFAMWLM082624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030038.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	50	rVV3	1348	2211	0.24%	0.026%
2	2.204	50	52	53	rBV2	627	603	0.07%	0.007%
3	2.363	71	78	95	rBV	62595	159282	17.47%	1.884%
4	2.503	95	101	110	rBV	13056	32699	3.59%	0.387%
5	2.899	156	166	182	rBV2	40889	124247	13.62%	1.470%
6	3.308	228	233	239	rVB4	1193	2295	0.25%	0.027%
7	3.393	239	247	256	rBV	34528	80845	8.87%	0.956%
8	3.551	269	273	275	rBV3	1065	1590	0.17%	0.019%
9	3.716	298	300	306	rBV4	287	505	0.06%	0.006%
10	3.844	316	321	322	rBV2	653	815	0.09%	0.010%
11	4.021	337	350	359	rBV3	103937	341679	37.47%	4.041%
12	4.118	359	366	384	rVB	124805	357057	39.15%	4.223%
13	4.411	410	414	415	rBV3	714	973	0.11%	0.012%
14	4.673	445	457	470	rBV2	4371	14552	1.60%	0.172%
15	4.917	484	497	515	rBV2	24188	95756	10.50%	1.133%
16	5.271	549	555	557	rBV2	235	491	0.05%	0.006%
17	5.789	630	640	647	rBV3	5064	15755	1.73%	0.186%
18	5.941	657	665	676	rVB5	4047	12866	1.41%	0.152%
19	6.112	686	693	705	rBV3	1132	3640	0.40%	0.043%
20	6.892	811	821	834	rBV	72174	206151	22.61%	2.438%
21	7.075	844	851	862	rBV	28245	85292	9.35%	1.009%
22	7.648	934	945	960	rBV	158167	379834	41.65%	4.492%
23	7.776	963	966	972	rVB4	522	760	0.08%	0.009%
24	8.276	1036	1048	1064	rBV2	306007	911949	100.00%	10.786%
25	8.392	1064	1067	1073	rVB4	778	1268	0.14%	0.015%
26	8.514	1080	1087	1088	rBV3	1310	2125	0.23%	0.025%
27	8.551	1088	1093	1101	rVB4	4501	9939	1.09%	0.118%
28	8.703	1108	1118	1130	rBV	39330	88611	9.72%	1.048%
29	8.837	1132	1140	1153	rVV	299462	604692	66.31%	7.152%
30	9.026	1165	1171	1185	rVV	19616	44159	4.84%	0.522%
31	9.270	1198	1211	1226	rBV2	215762	453430	49.72%	5.363%
32	9.404	1226	1233	1246	rVB	57861	113850	12.48%	1.347%
33	9.550	1255	1257	1261	rVB3	531	639	0.07%	0.008%
34	9.666	1274	1276	1279	rVB3	381	437	0.05%	0.005%
35	10.032	1324	1336	1346	rBV	103406	184446	20.23%	2.182%
36	10.142	1351	1354	1355	rBV3	800	846	0.09%	0.010%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Title : SFAM01.0

37	10.319	1373	1383	1390	rBV	356680	676447	74.18%	8.001%
38	10.386	1390	1394	1407	rVB2	11876	24255	2.66%	0.287%
39	10.508	1407	1414	1418	rBV3	3077	5771	0.63%	0.068%
40	10.575	1418	1425	1440	rVV	61338	112027	12.28%	1.325%
41	10.703	1440	1446	1448	rVV	7592	13044	1.43%	0.154%
42	10.733	1448	1451	1463	rVB	10511	20133	2.21%	0.238%
43	10.922	1475	1482	1498	rBV	113785	201510	22.10%	2.383%
44	11.068	1499	1506	1519	rBV	375134	593438	65.07%	7.019%
45	11.471	1568	1572	1574	rBV4	416	594	0.07%	0.007%
46	11.568	1580	1588	1591	rBV3	3006	6202	0.68%	0.073%
47	11.629	1591	1598	1607	rVB	288893	483579	53.03%	5.719%
48	11.739	1614	1616	1620	rVB3	813	1004	0.11%	0.012%
49	11.837	1624	1632	1643	rBV2	44044	81469	8.93%	0.964%
50	11.946	1645	1650	1655	rVB4	4149	6828	0.75%	0.081%
51	12.013	1655	1661	1673	rBV	45059	77031	8.45%	0.911%
52	12.233	1691	1697	1706	rBV	57287	94592	10.37%	1.119%
53	12.336	1706	1714	1728	rVB3	27228	65719	7.21%	0.777%
54	12.464	1729	1735	1741	rVV	19861	32638	3.58%	0.386%
55	12.507	1741	1742	1748	rVB4	2027	2445	0.27%	0.029%
56	12.599	1752	1757	1763	rBV2	8431	13484	1.48%	0.159%
57	12.690	1765	1772	1782	rBV	112441	222950	24.45%	2.637%
58	12.812	1788	1792	1796	rBV4	516	1007	0.11%	0.012%
59	12.928	1801	1811	1818	rBV3	7521	17435	1.91%	0.206%
60	13.038	1824	1829	1833	rBV	5405	8610	0.94%	0.102%
61	13.092	1833	1838	1842	rVV2	10895	21772	2.39%	0.258%
62	13.153	1842	1848	1852	rVV	140036	225230	24.70%	2.664%
63	13.208	1852	1857	1863	rVV	118932	193448	21.21%	2.288%
64	13.281	1864	1869	1878	rVV4	25483	54688	6.00%	0.647%
65	13.391	1881	1887	1893	rVV3	21235	35892	3.94%	0.425%
66	13.464	1893	1899	1908	rVV2	88793	183357	20.11%	2.169%
67	13.556	1908	1914	1920	rVB	147910	240328	26.35%	2.842%
68	13.647	1926	1929	1934	rVB4	3058	4226	0.46%	0.050%
69	13.702	1936	1938	1939	rVV2	693	568	0.06%	0.007%
70	13.745	1942	1945	1952	rVV6	2943	4608	0.51%	0.055%
71	13.848	1955	1962	1976	rVB	117744	199517	21.88%	2.360%
72	14.013	1981	1989	1992	rBV5	6251	12318	1.35%	0.146%
73	14.068	1992	1998	2007	rVV3	27829	52671	5.78%	0.623%
74	14.147	2007	2011	2017	rVV6	3042	5991	0.66%	0.071%
75	14.220	2019	2023	2028	rVV4	3767	6838	0.75%	0.081%
76	14.318	2032	2039	2046	rBV	14438	22568	2.47%	0.267%

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 Title : SFAM01.0

77	14.421	2052	2056	2059	rVV5	1096	1646	0.18%	0.019%
78	14.513	2069	2071	2074	rVV2	1040	1320	0.14%	0.016%
79	14.556	2076	2078	2081	rVB4	469	505	0.06%	0.006%
80	14.617	2083	2088	2092	rVV6	1866	3417	0.37%	0.040%
81	14.684	2094	2099	2110	rVB4	7809	16895	1.85%	0.200%
82	14.799	2115	2118	2121	rBV3	520	791	0.09%	0.009%
83	14.854	2124	2127	2136	rVB6	1840	4115	0.45%	0.049%
84	14.946	2136	2142	2147	rBV5	3756	7546	0.83%	0.089%
85	15.068	2159	2162	2164	rBV3	1571	1817	0.20%	0.021%
86	15.110	2165	2169	2176	rVB4	3181	5506	0.60%	0.065%
87	15.202	2176	2184	2187	rBV7	3268	8108	0.89%	0.096%
88	15.244	2187	2191	2198	rVB7	4756	8429	0.92%	0.100%
89	15.385	2210	2214	2215	rBV2	977	1130	0.12%	0.013%
90	15.482	2226	2230	2234	rVV3	1615	2684	0.29%	0.032%
91	15.519	2234	2236	2238	rVV3	594	452	0.05%	0.005%
92	15.549	2238	2241	2242	rVB2	644	591	0.06%	0.007%
93	15.671	2257	2261	2263	rBV3	507	482	0.05%	0.006%
94	15.744	2271	2273	2276	rVB4	605	658	0.07%	0.008%
95	15.842	2282	2289	2296	rBV5	5856	12891	1.41%	0.152%
96	15.952	2303	2307	2314	rVV3	2917	5454	0.60%	0.065%
97	16.031	2314	2320	2325	rVB8	3055	6336	0.69%	0.075%
98	16.348	2370	2372	2377	rVB3	399	560	0.06%	0.007%
99	16.391	2377	2379	2381	rBV	463	546	0.06%	0.006%
100	16.616	2413	2416	2418	rBV3	416	565	0.06%	0.007%

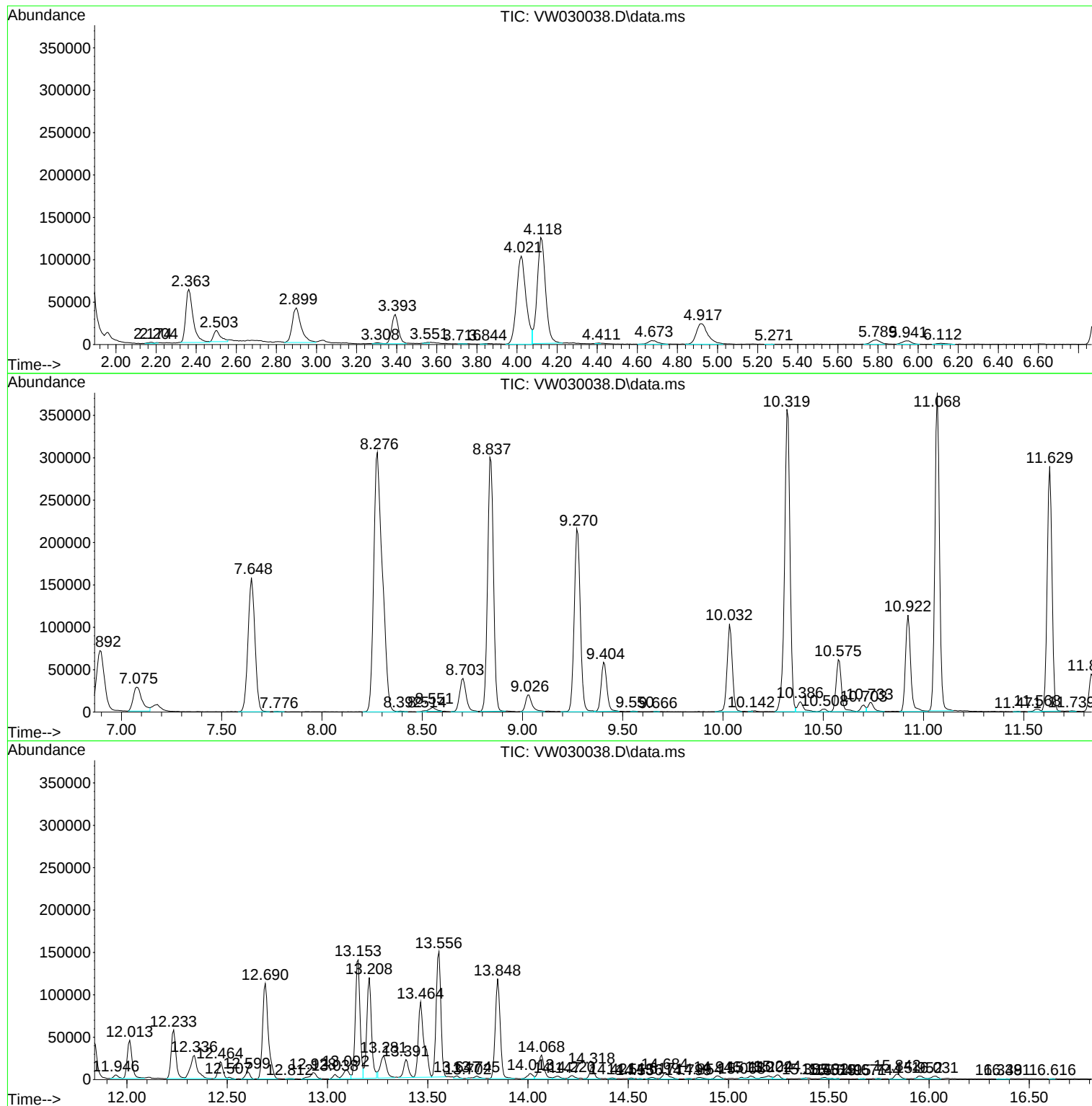
Sum of corrected areas: 8454965

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
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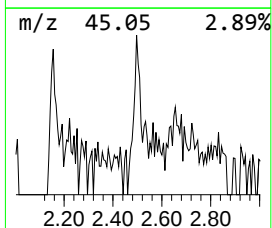
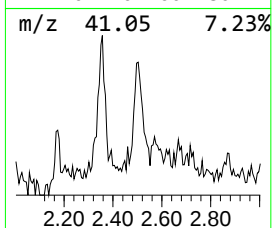
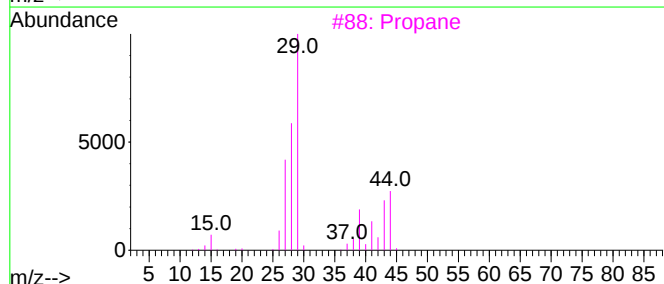
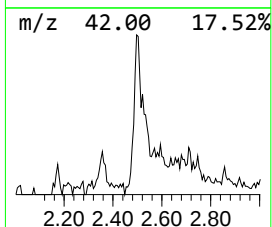
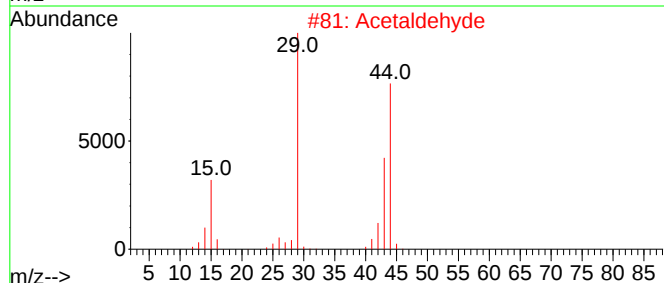
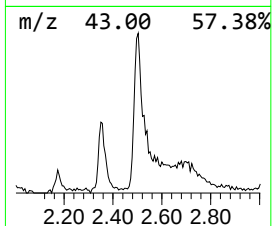
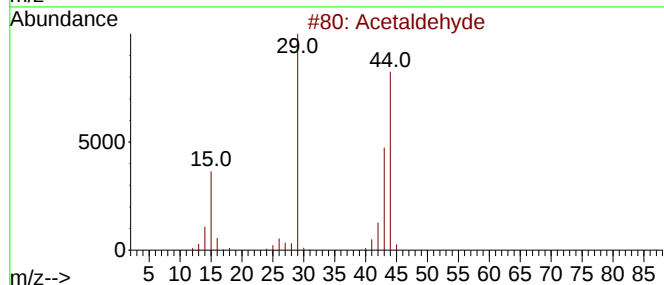
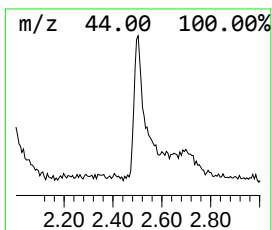
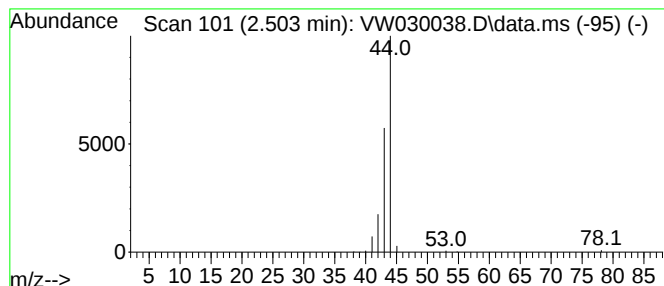
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.503	1.35 ug/L	32699	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	64
3			Propane	44	C3H8	000074-98-6	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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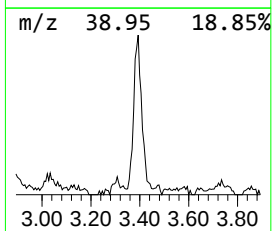
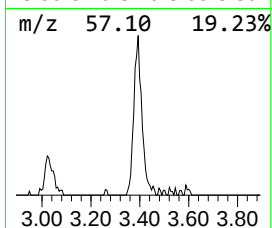
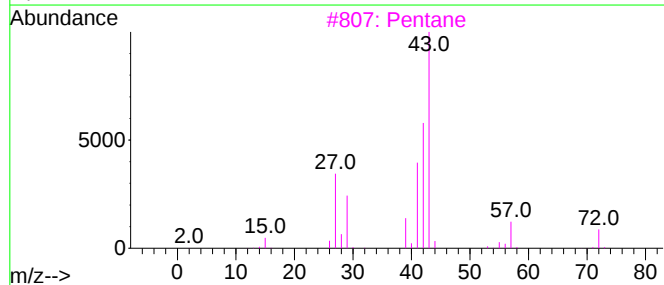
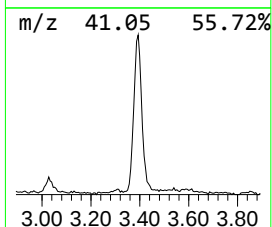
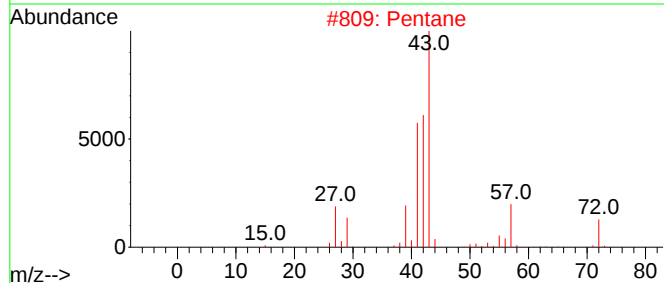
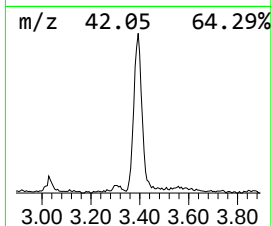
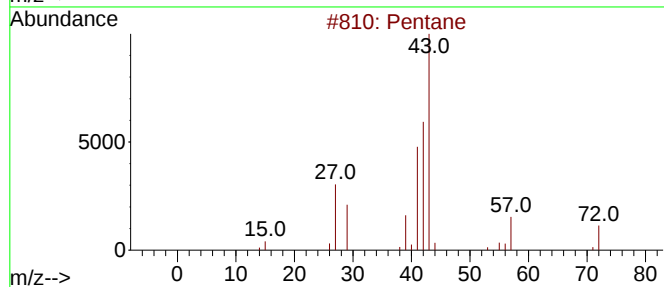
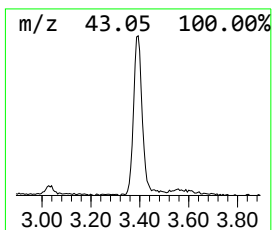
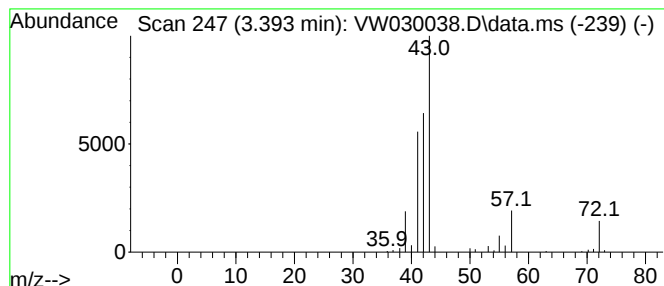
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	3.34 ug/L	80845	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	90
2	Pentane			72	C5H12	000109-66-0	87
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	78
5	Pentane			72	C5H12	000109-66-0	59



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ClientSampleId :
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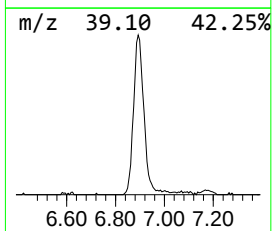
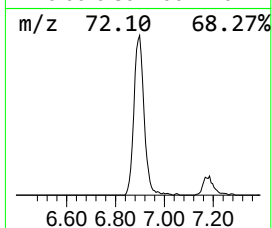
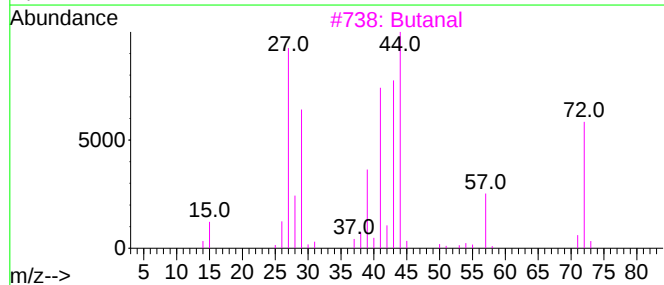
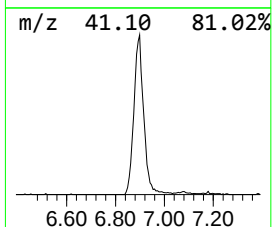
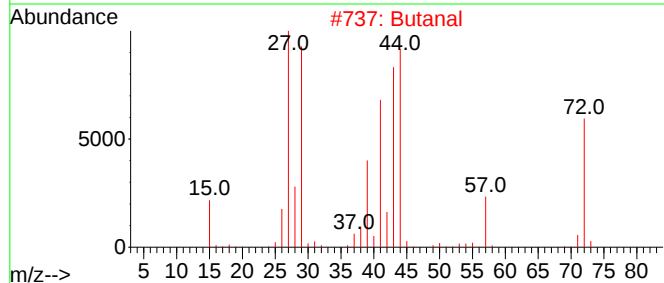
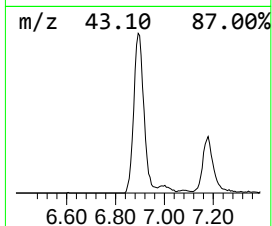
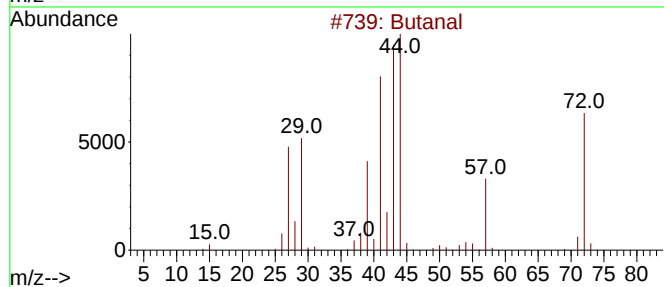
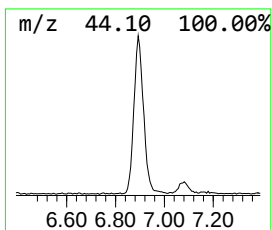
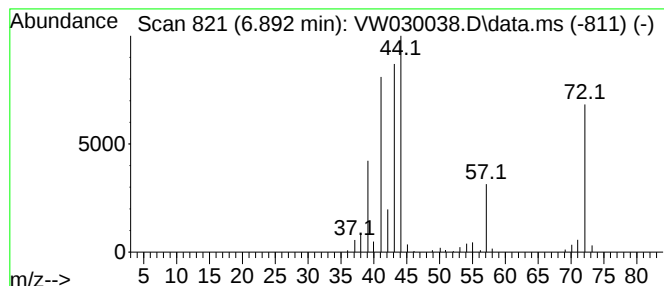
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.892	8.52 ug/L	206151	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	68
4	Butanal			72	C4H8O	000123-72-8	58
5	Butanal			72	C4H8O	000123-72-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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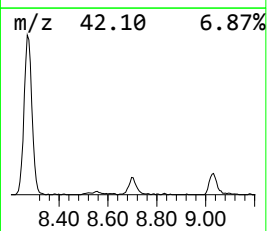
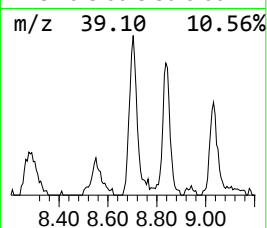
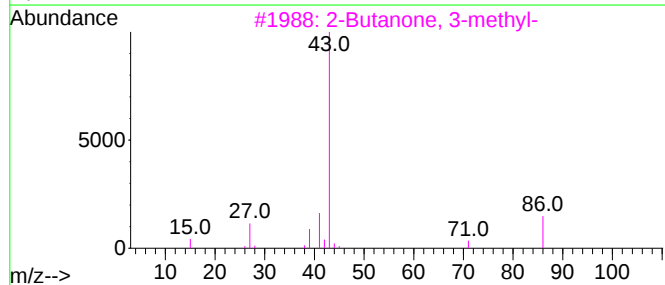
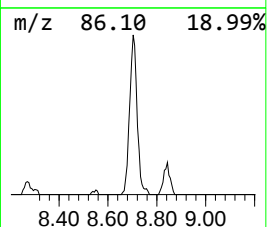
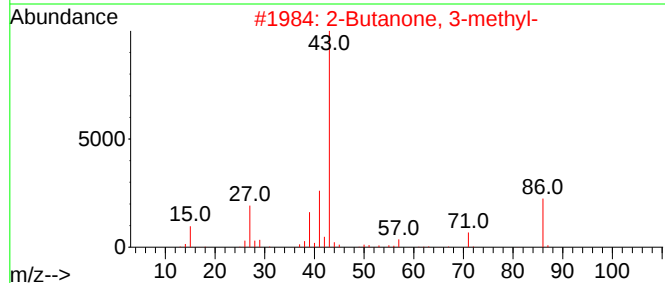
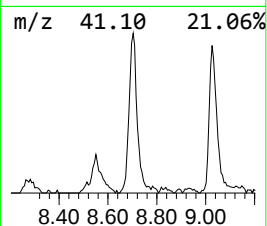
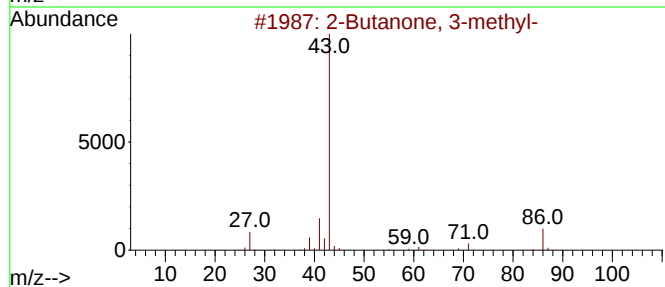
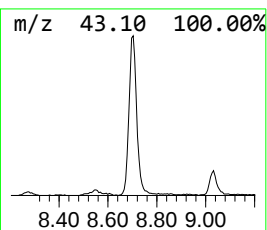
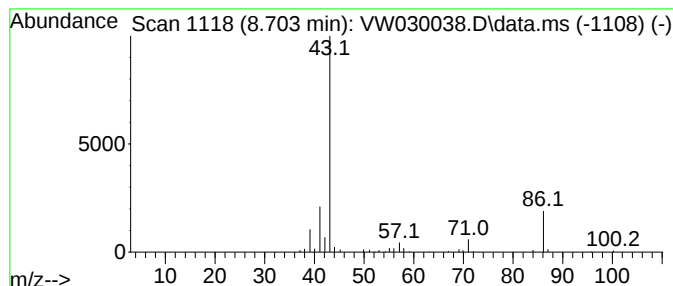
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Quant Title : SFAM01.0

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

Peak Number 4 2-Butanone, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	3.66 ug/L	88611	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
2	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
3	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
4	2-Pentanone			86	C5H10O	000107-87-9	50
5	2-Pentanone			86	C5H10O	000107-87-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

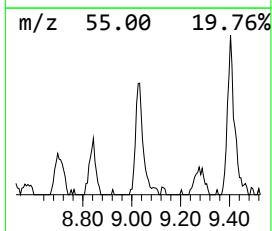
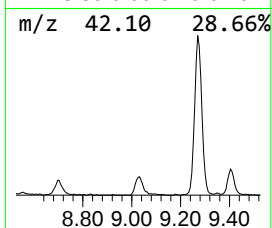
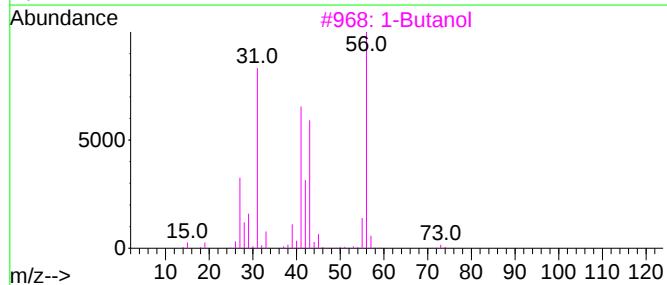
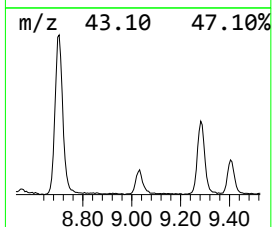
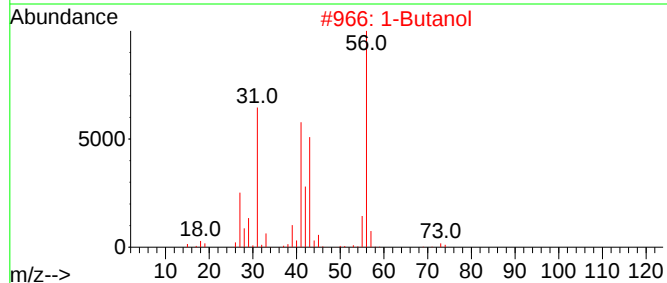
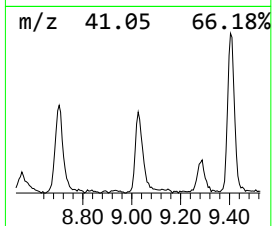
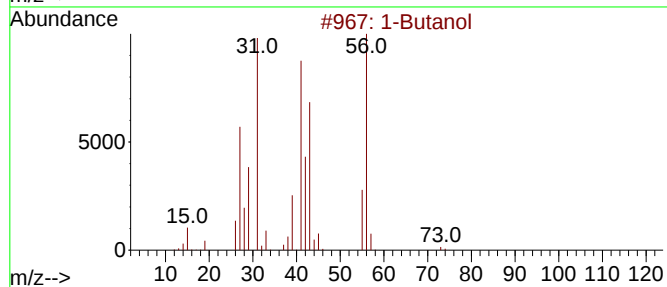
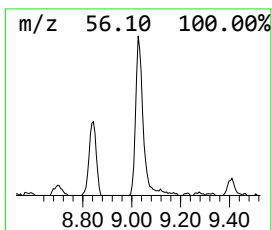
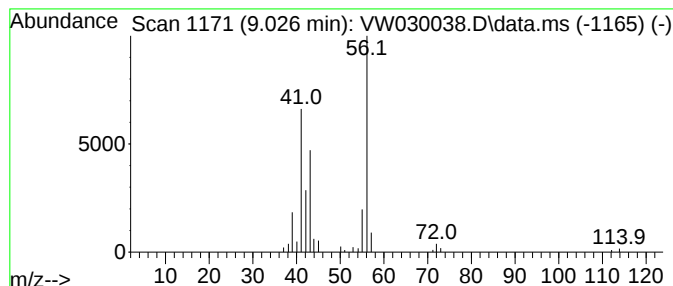
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Quant Title : SFAM01.0

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

Peak Number 5 1-Butanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.026	1.83 ug/L	44159	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol			74	C4H10O	000071-36-3	78
2	1-Butanol			74	C4H10O	000071-36-3	74
3	1-Butanol			74	C4H10O	000071-36-3	64
4	1-Butanol			74	C4H10O	000071-36-3	56
5	1-Hexanol			102	C6H14O	000111-27-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

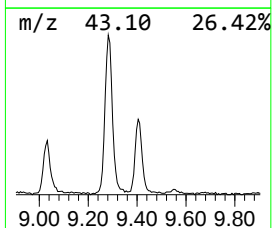
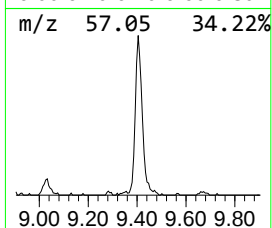
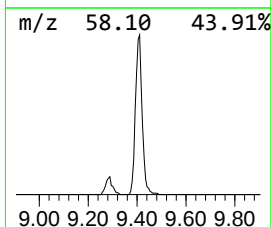
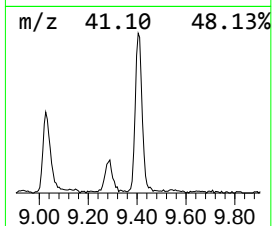
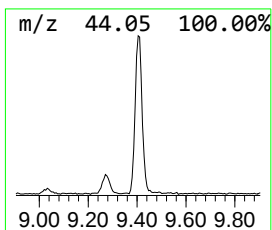
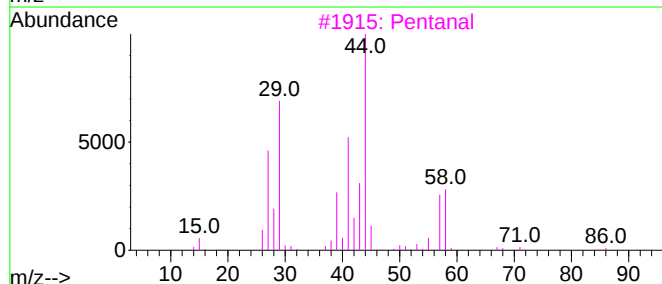
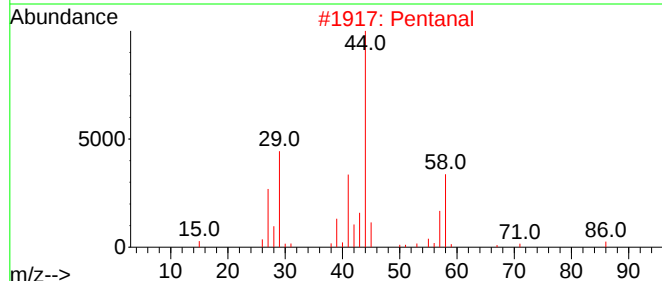
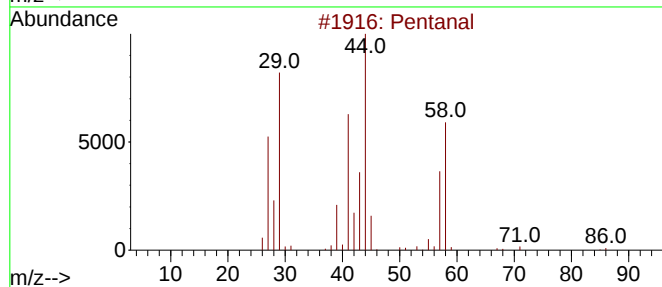
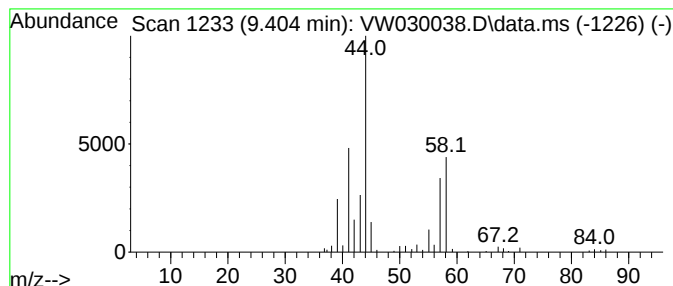
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Quant Title : SFAM01.0

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

Peak Number 6 Pentanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	4.71 ug/L	113850	1,4-Difluorobenzene	8.837

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	72
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

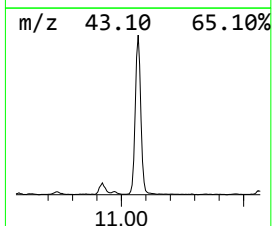
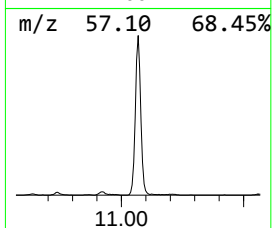
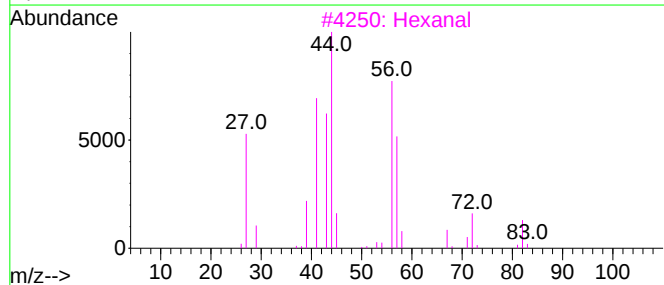
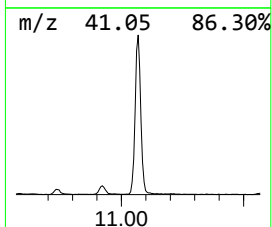
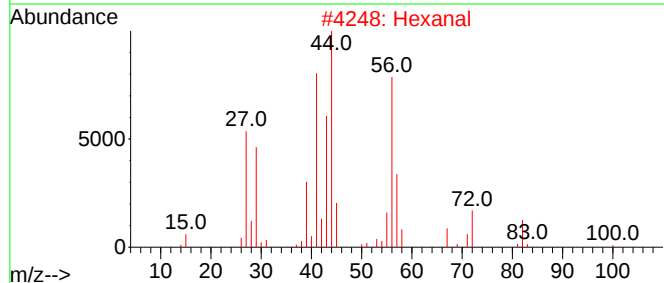
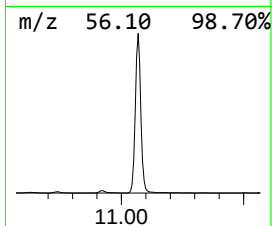
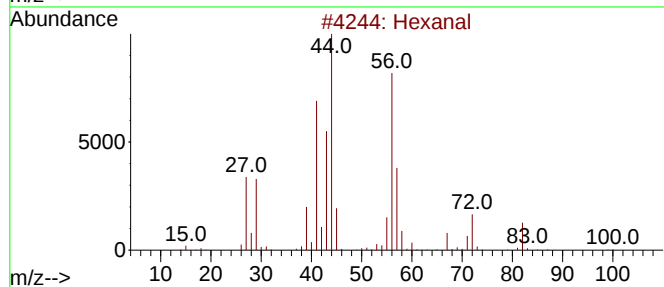
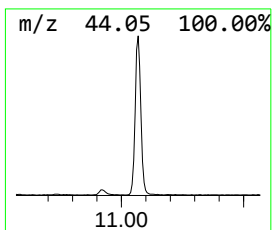
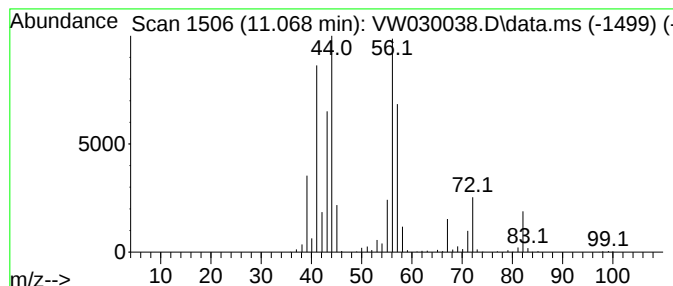
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Quant Title : SFAM01.0

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

Peak Number 8 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	30.68 ug/L	593438	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	90
4	Hexanal			100	C6H12O	000066-25-1	83
5	Hexanal			100	C6H12O	000066-25-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

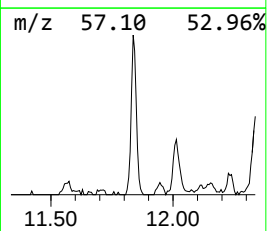
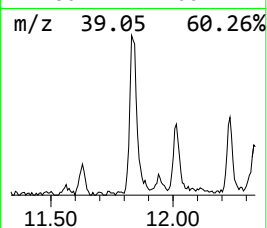
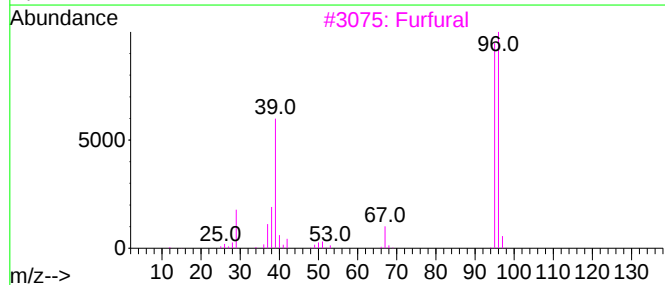
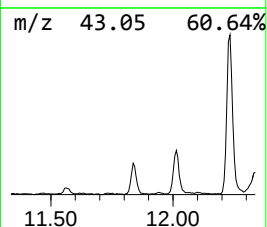
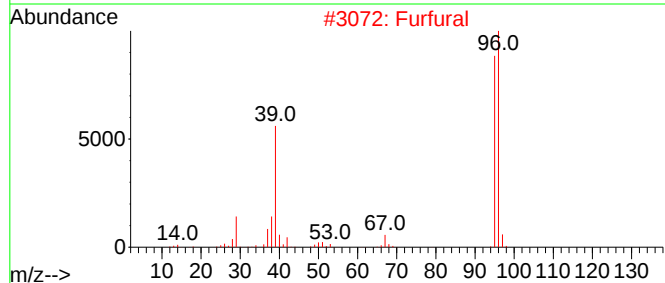
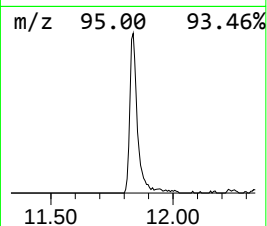
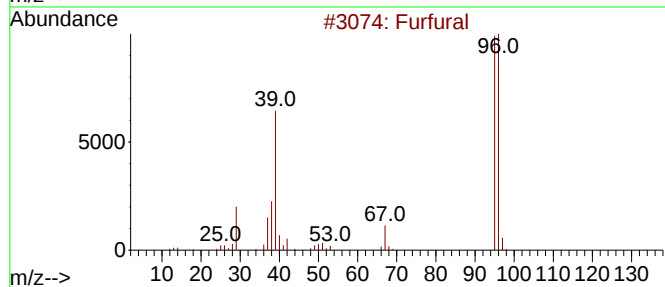
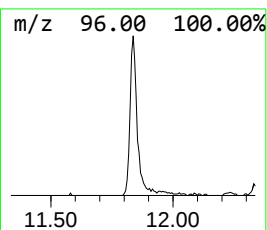
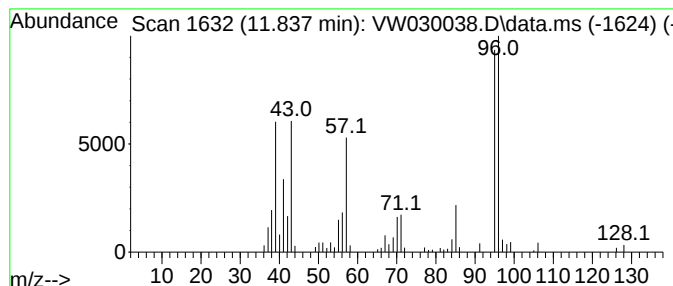
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Quant Title : SFAM01.0

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

Peak Number 9 Furfural Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	4.21 ug/L	81469	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	90
2	Furfural			96	C5H4O2	000098-01-1	90
3	Furfural			96	C5H4O2	000098-01-1	90
4	Furfural			96	C5H4O2	000098-01-1	90
5	3-Furaldehyde			96	C5H4O2	000498-60-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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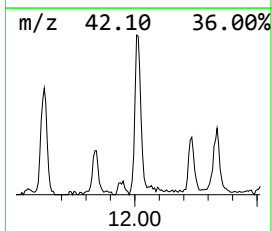
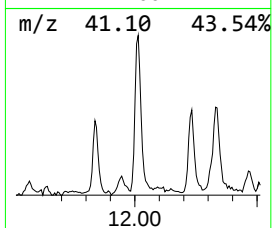
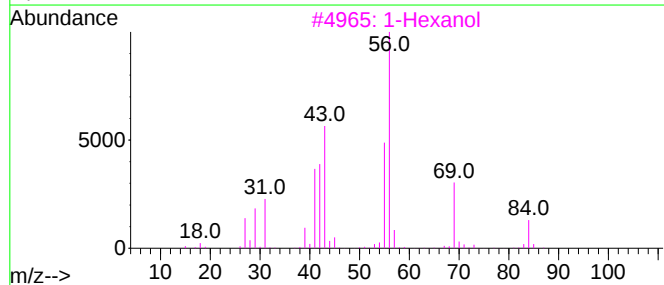
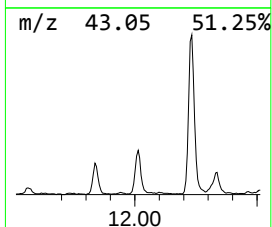
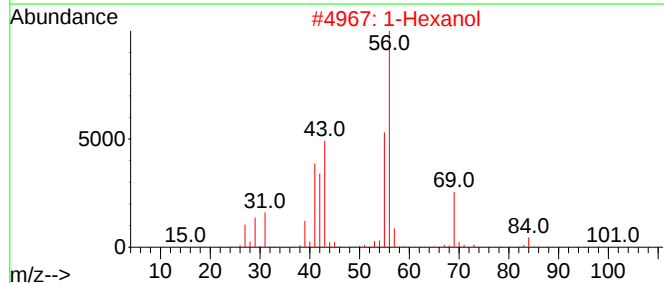
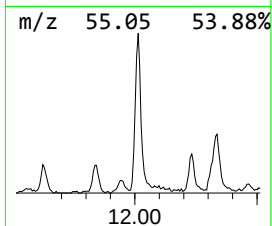
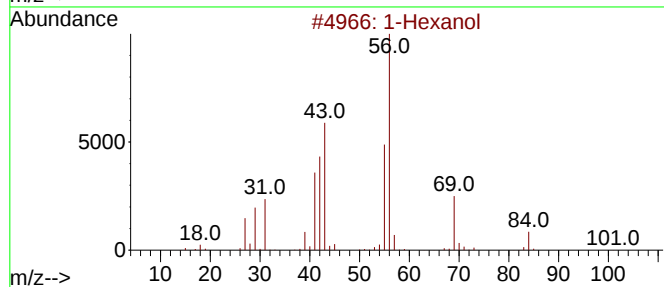
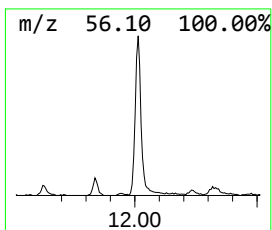
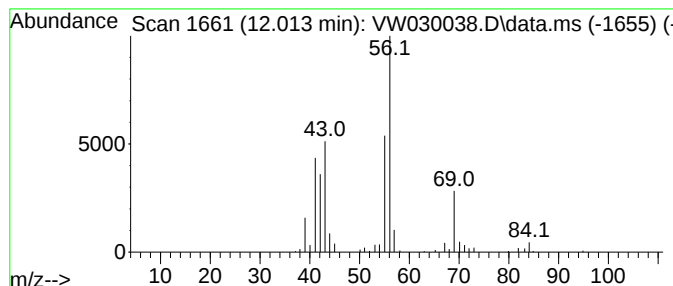
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Quant Title : SFAM01.0

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

Peak Number 10 1-Hexanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.013	3.98 ug/L	77031	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol			102	C6H14O	000111-27-3	83
2	1-Hexanol			102	C6H14O	000111-27-3	83
3	1-Hexanol			102	C6H14O	000111-27-3	83
4	1-Hexanol			102	C6H14O	000111-27-3	78
5	Cyclopentane, methyl-			84	C6H12	000096-37-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCXY8

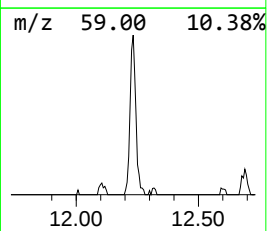
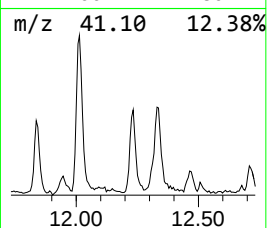
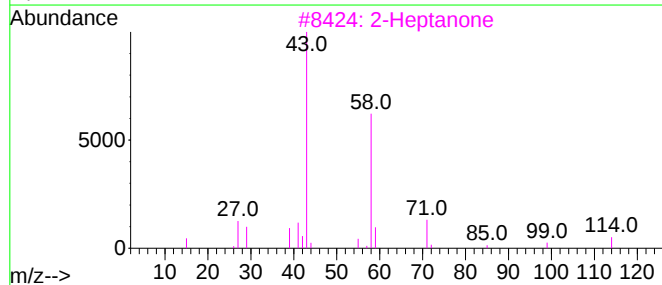
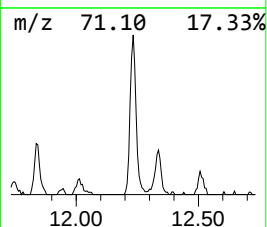
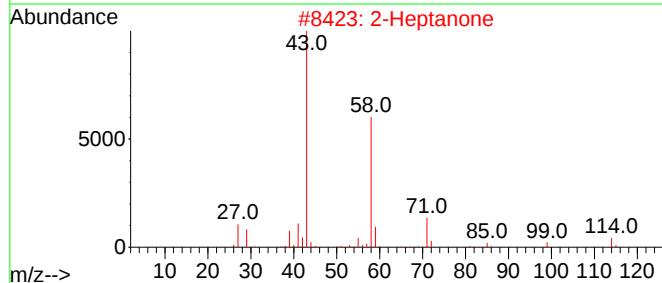
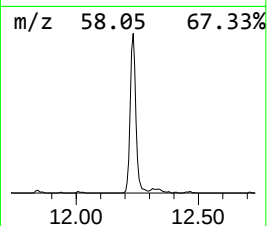
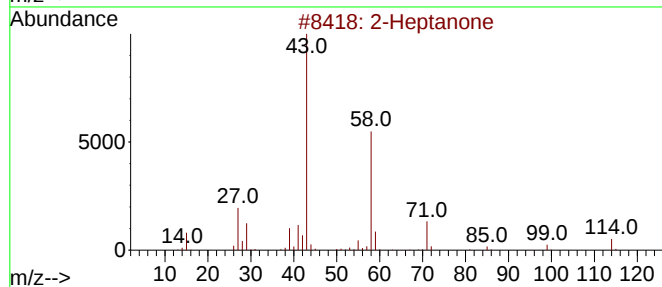
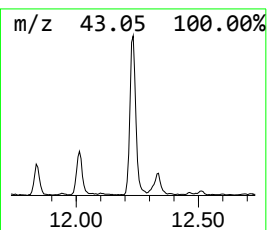
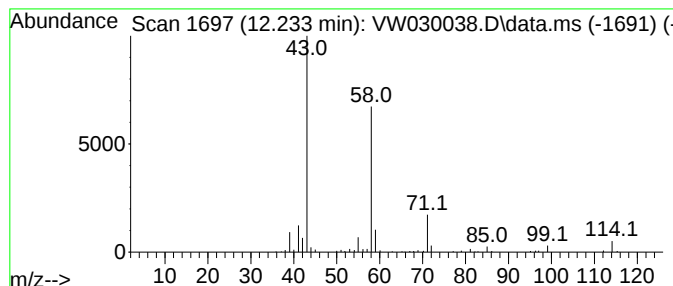
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Quant Title : SFAM01.0

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

Peak Number 11 2-Heptanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	4.89 ug/L	94592	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone			114	C7H14O	000110-43-0	91
2	2-Heptanone			114	C7H14O	000110-43-0	91
3	2-Heptanone			114	C7H14O	000110-43-0	91
4	2-Heptanone			114	C7H14O	000110-43-0	91
5	2-Heptanone			114	C7H14O	000110-43-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

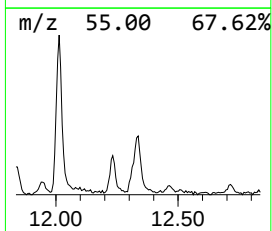
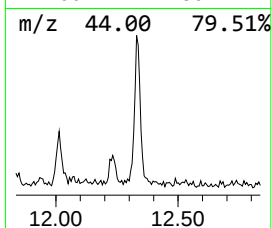
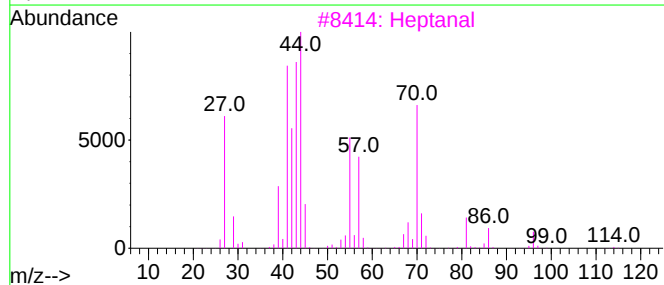
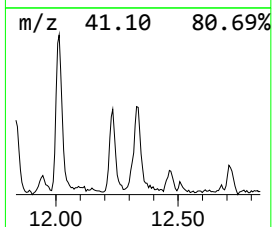
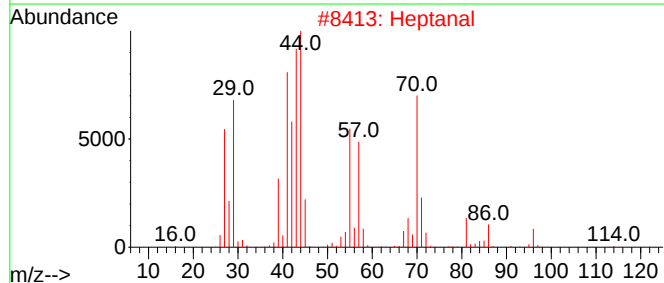
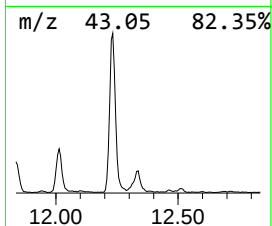
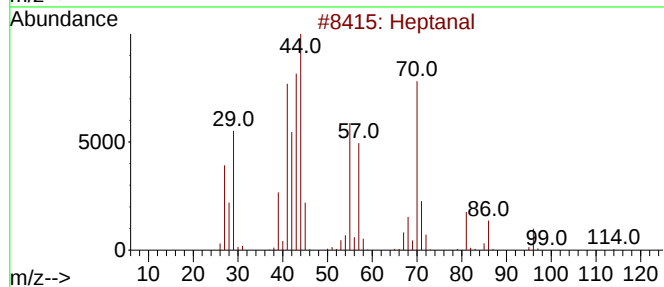
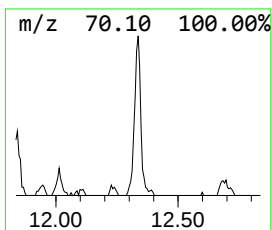
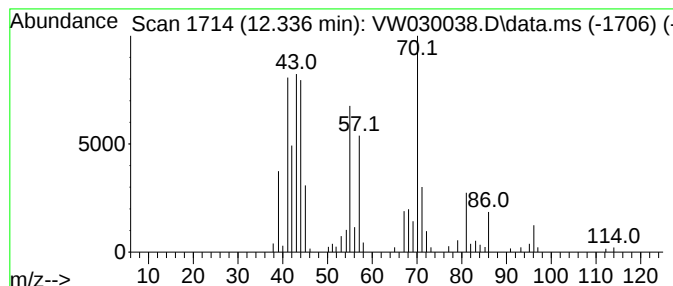
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Quant Title : SFAM01.0

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

Peak Number 12 Heptanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	3.40 ug/L	65719	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	83
2	Heptanal			114	C7H14O	000111-71-7	83
3	Heptanal			114	C7H14O	000111-71-7	83
4	Heptanal			114	C7H14O	000111-71-7	58
5	Heptanal			114	C7H14O	000111-71-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

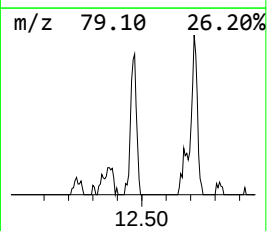
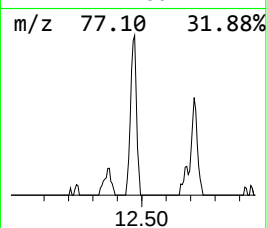
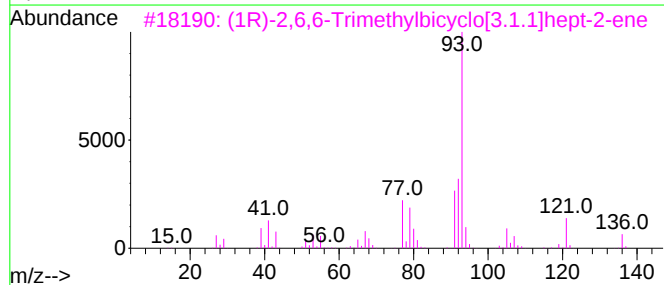
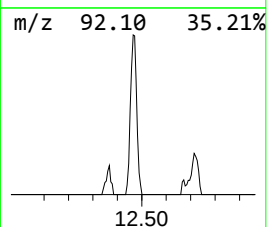
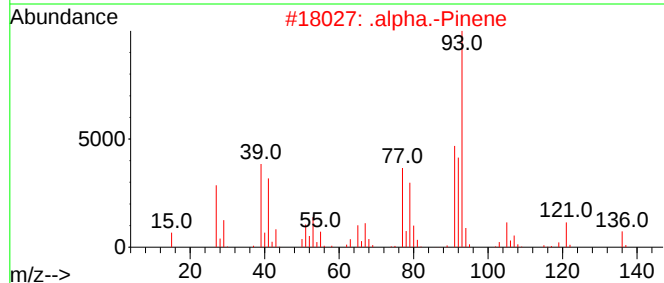
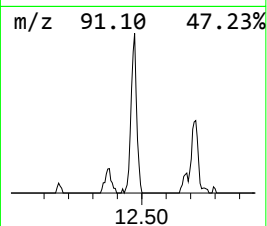
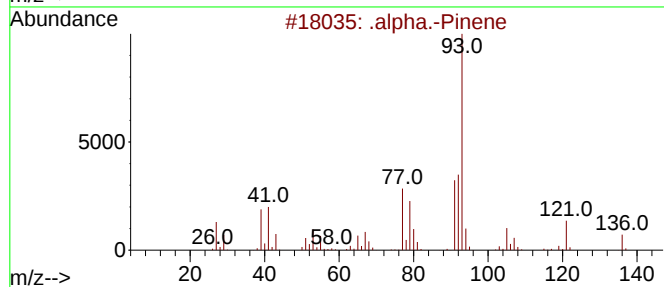
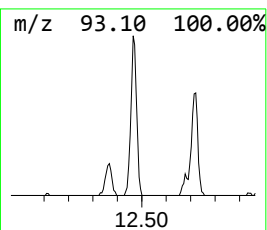
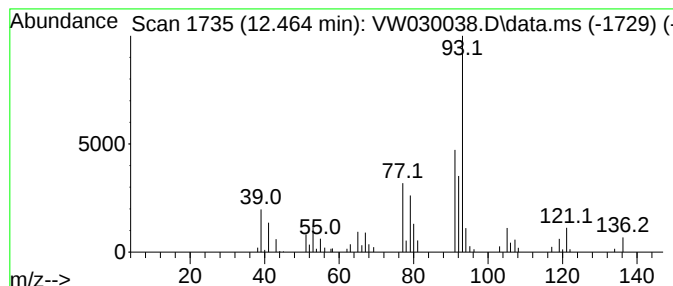
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Quant Title : SFAM01.0

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

Peak Number 13 .alpha.-Pinene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.69 ug/L	32638	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
4	1,3,6-Octatriene, 3,7-dimethyl-,...			136	C10H16	003338-55-4	93
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

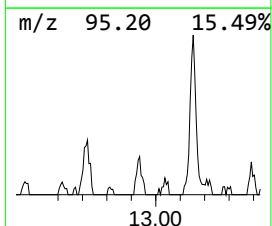
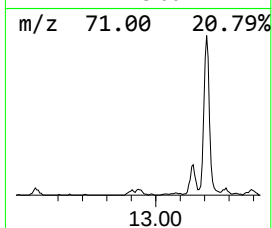
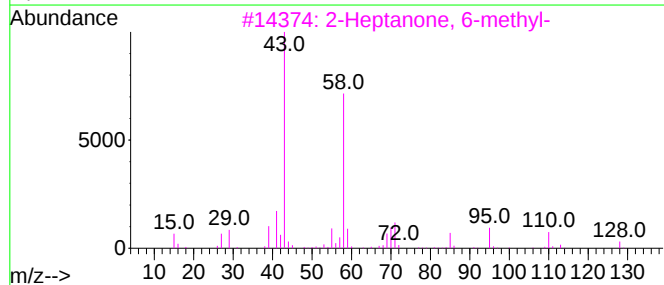
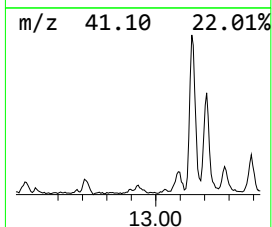
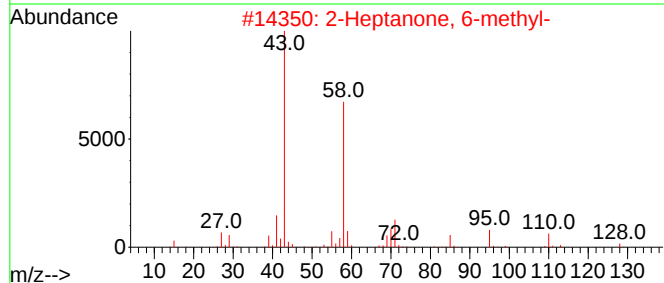
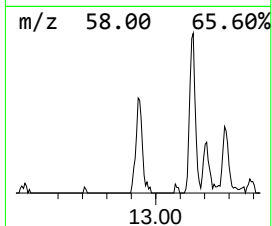
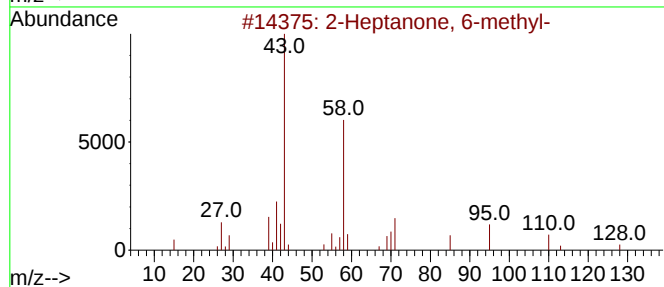
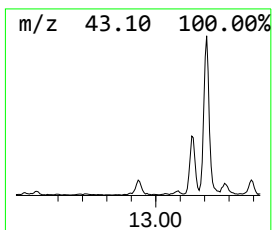
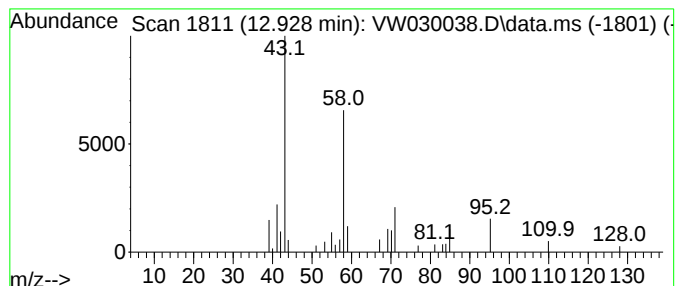
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Quant Title : SFAM01.0

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

Peak Number 15 2-Heptanone, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	1.81 ug/L	17435	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	87
2			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
3			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	80
4			2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	56
5			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

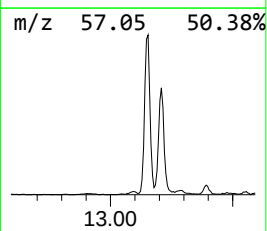
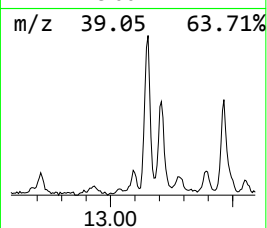
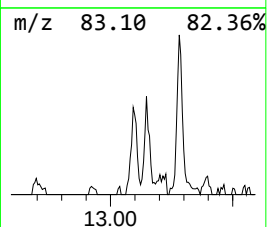
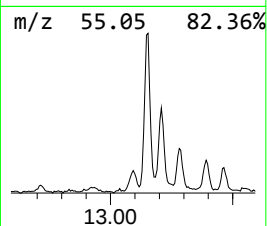
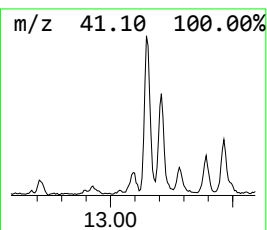
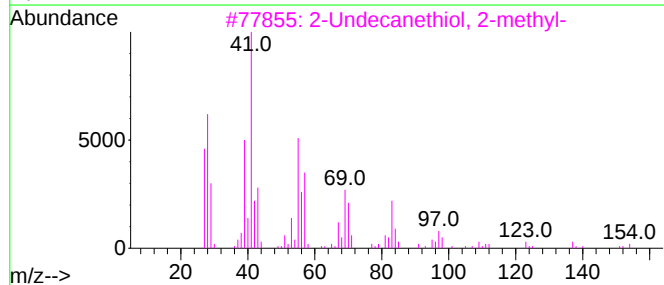
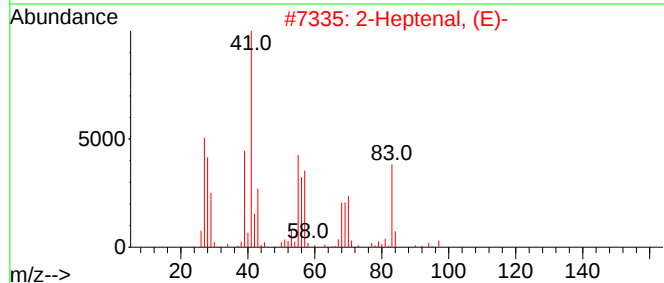
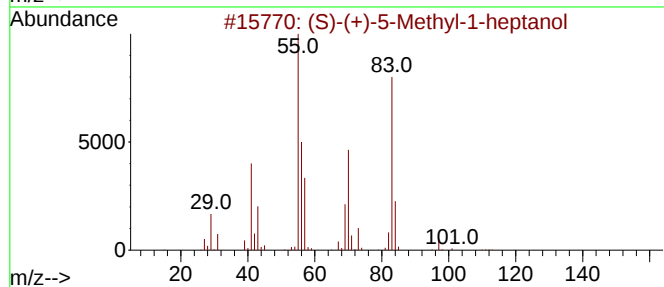
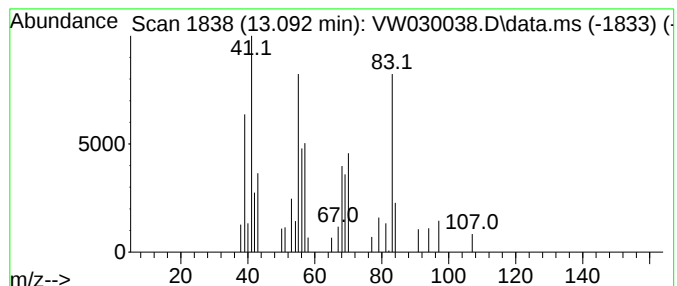
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Quant Title : SFAM01.0

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

Peak Number 16 (S)-(+)-5-Methyl-1-heptanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.26 ug/L	21772	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	50
2		2-Heptenal, (E)-	112	C7H12O	018829-55-5	42
3		2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	40
4		2-Pentyn-1-ol	84	C5H8O	006261-22-9	38
5		1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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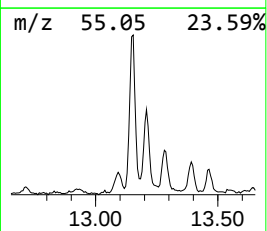
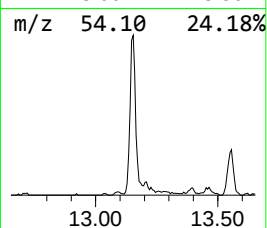
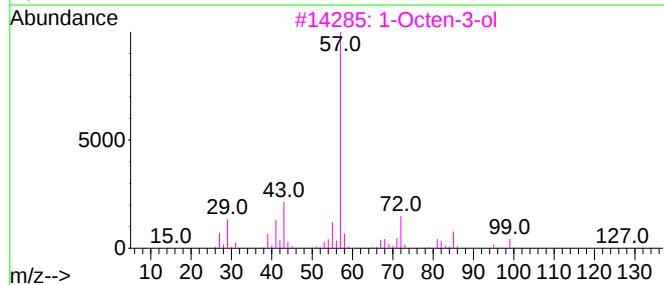
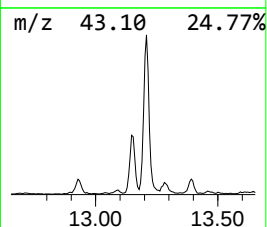
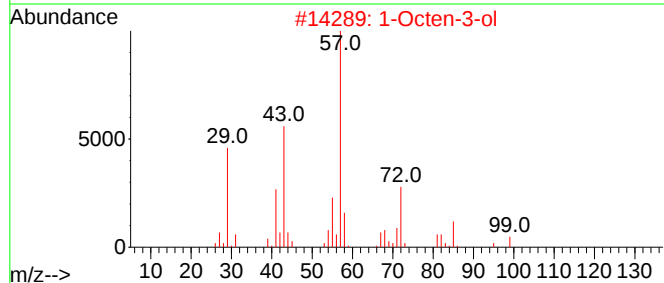
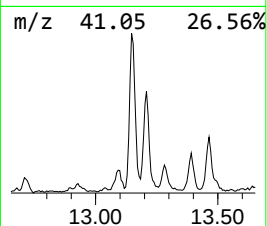
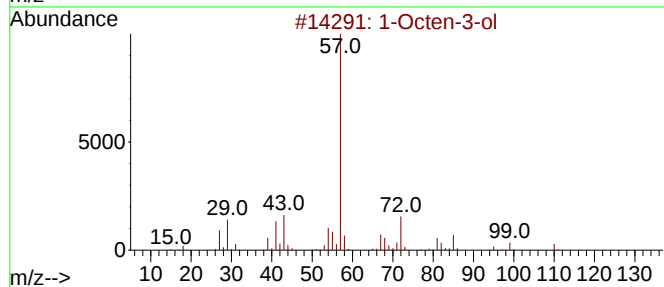
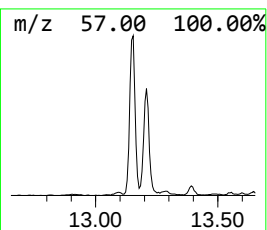
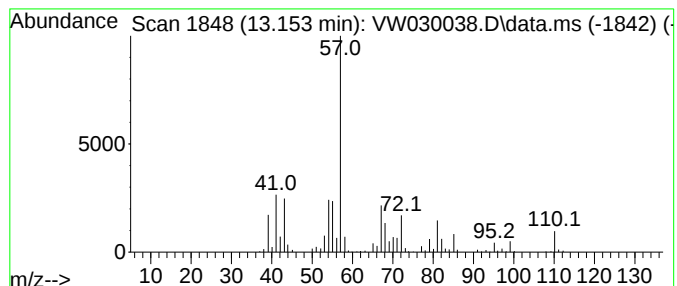
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Quant Title : SFAM01.0

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

Peak Number 17 1-Octen-3-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.153	23.43 ug/L	225230	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-ol			128	C8H16O	003391-86-4	50
2	1-Octen-3-ol			128	C8H16O	003391-86-4	43
3	1-Octen-3-ol			128	C8H16O	003391-86-4	43
4	2-Octen-1-ol, (Z)-			128	C8H16O	026001-58-1	43
5	1-Octen-3-ol			128	C8H16O	003391-86-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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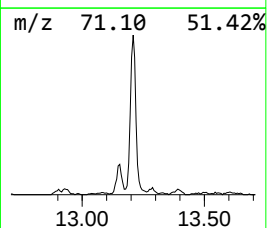
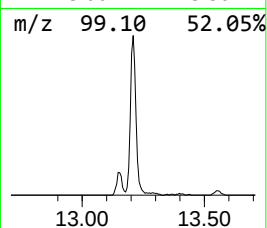
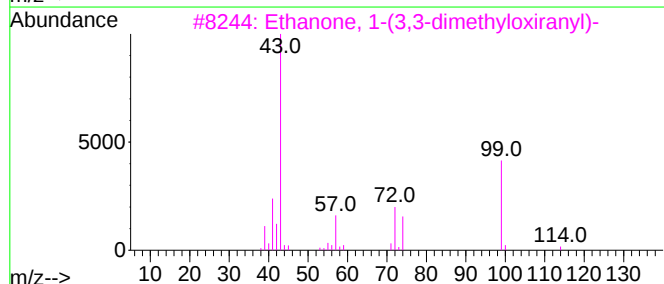
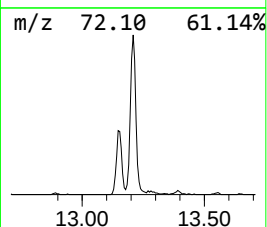
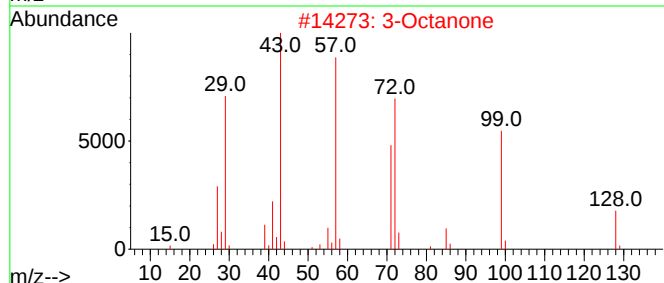
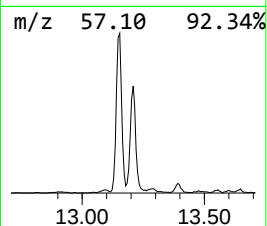
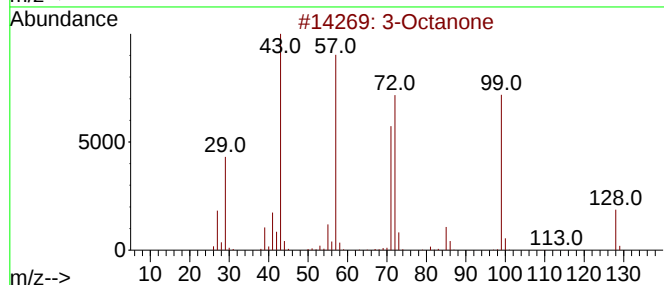
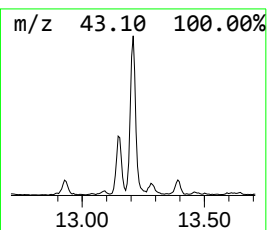
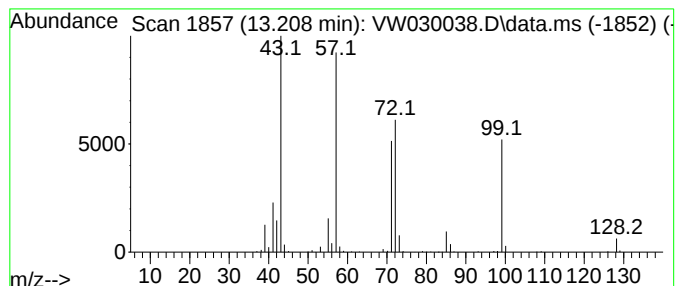
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Quant Title : SFAM01.0

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

Peak Number 18 3-Octanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	20.12 ug/L	193448	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	94
2			3-Octanone	128	C8H16O	000106-68-3	91
3			Ethanone, 1-(3,3-dimethyloxiranyl)-	114	C6H10O2	004478-63-1	53
4			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	53
5			3-Octanone	128	C8H16O	000106-68-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

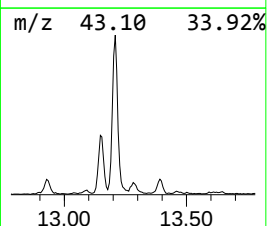
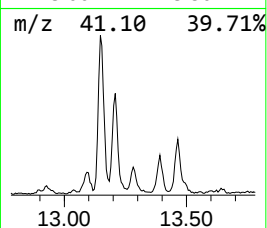
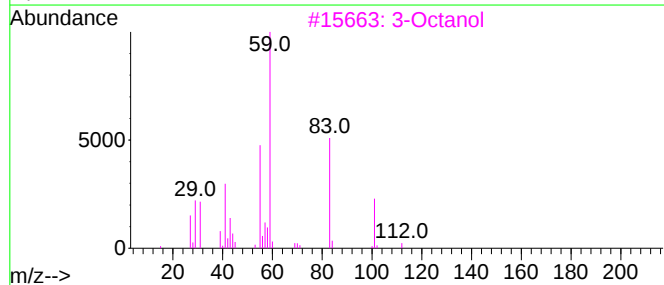
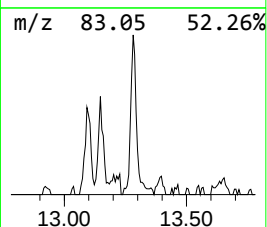
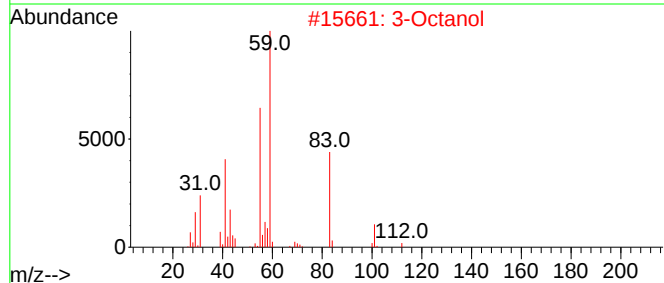
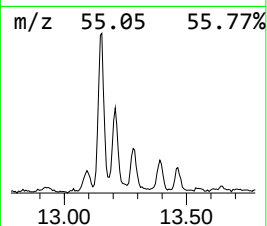
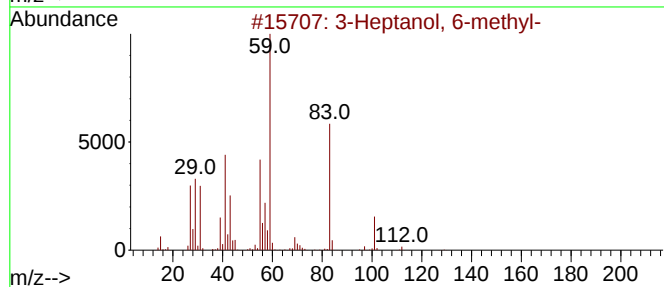
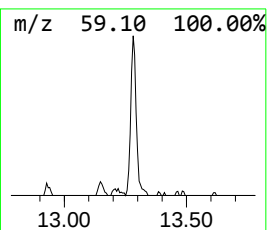
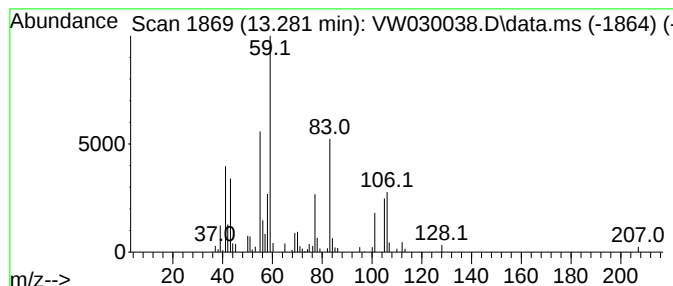
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Quant Title : SFAM01.0

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

Peak Number 19 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	5.69 ug/L	54688	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	47
2		3-Octanol	130	C8H18O	000589-98-0	47
3		3-Octanol	130	C8H18O	000589-98-0	38
4		3-Dodecanol	186	C12H26O	010203-30-2	38
5		5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

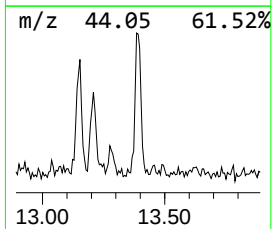
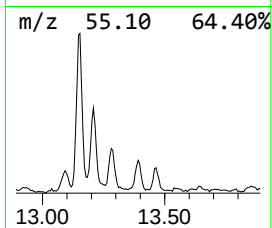
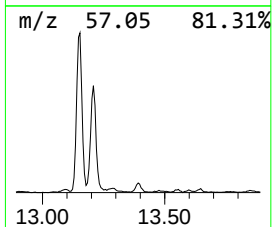
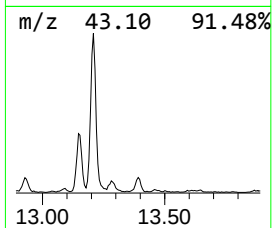
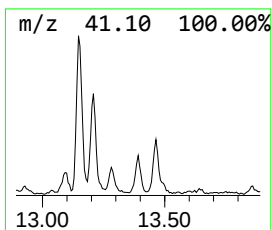
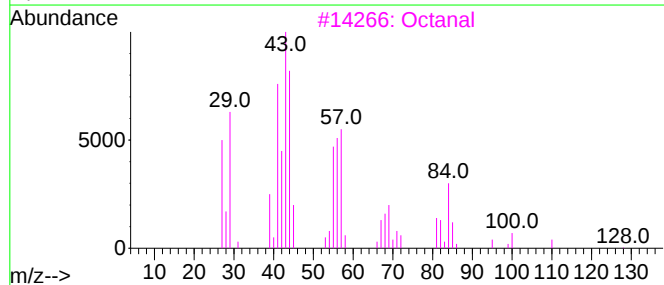
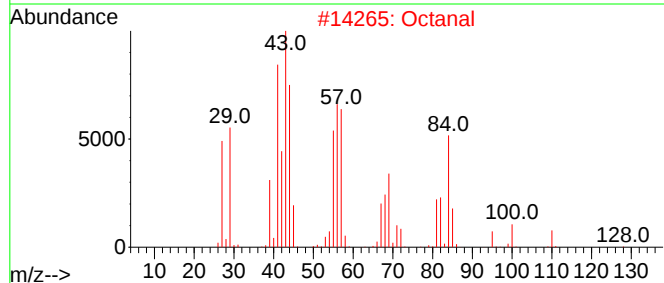
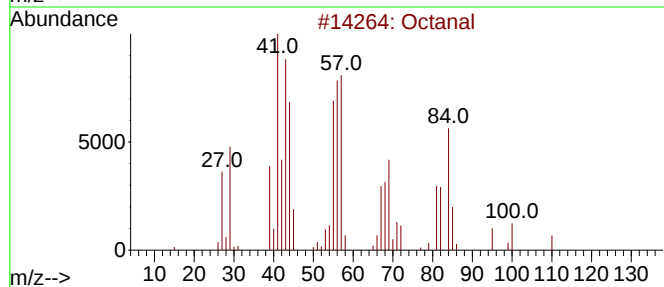
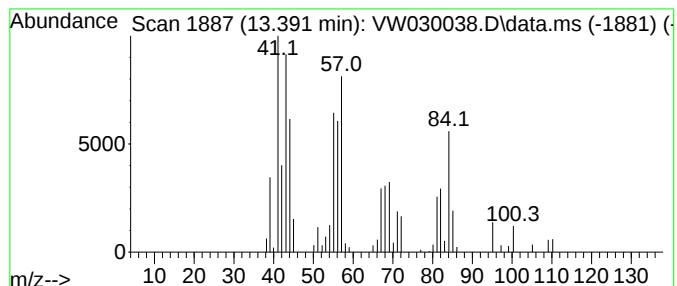
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Quant Title : SFAM01.0

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

Peak Number 20 Octanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	3.73 ug/L	35892	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	78
4	Octanal			128	C8H16O	000124-13-0	72
5	Octanal			128	C8H16O	000124-13-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

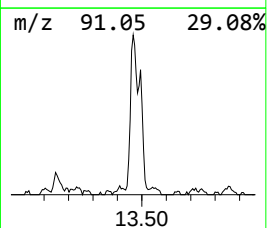
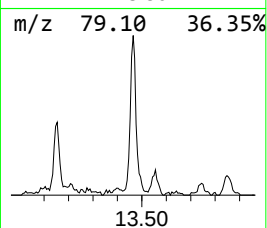
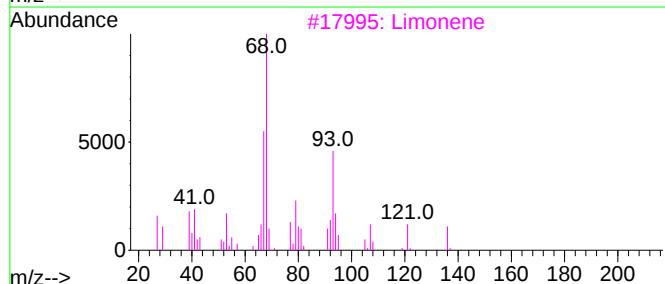
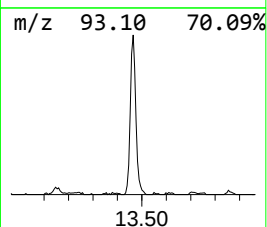
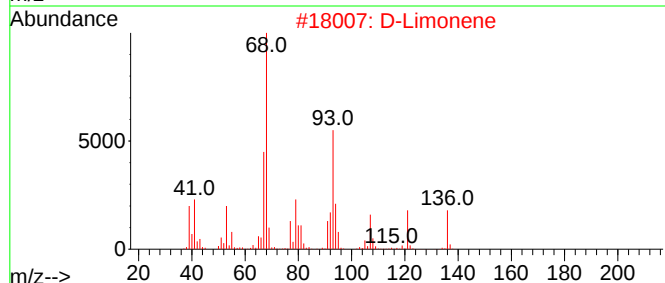
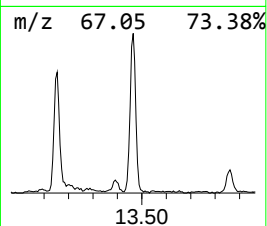
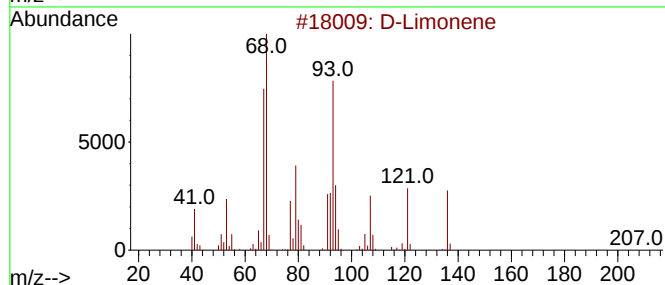
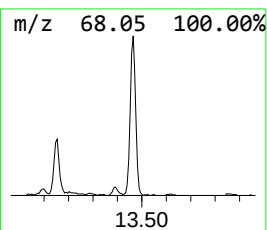
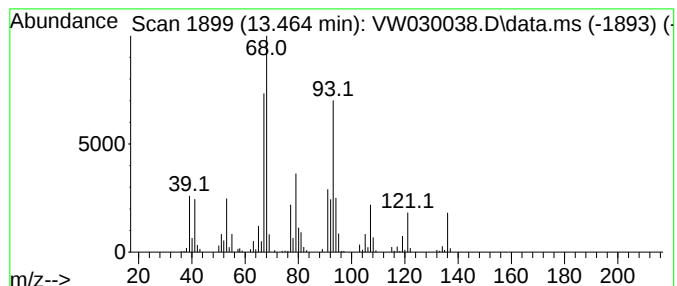
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Quant Title : SFAM01.0

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

Peak Number 21 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	19.07 ug/L	183357	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	98
2	D-Limonene			136	C10H16	005989-27-5	91
3	Limonene			136	C10H16	000138-86-3	91
4	D-Limonene			136	C10H16	005989-27-5	87
5	D-Limonene			136	C10H16	005989-27-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

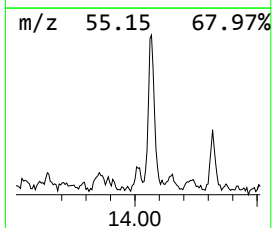
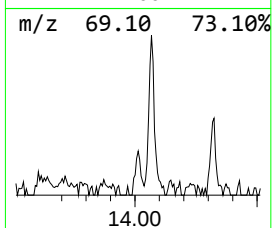
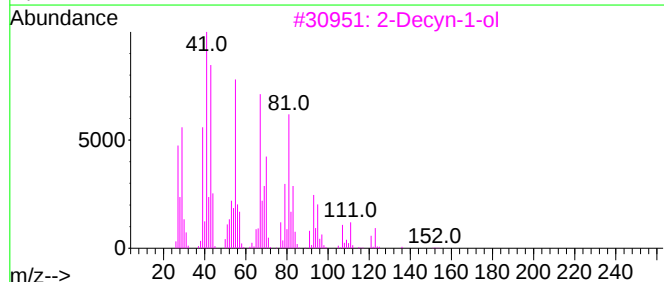
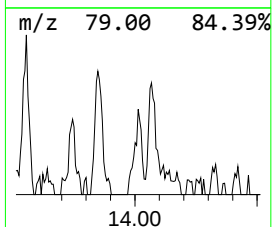
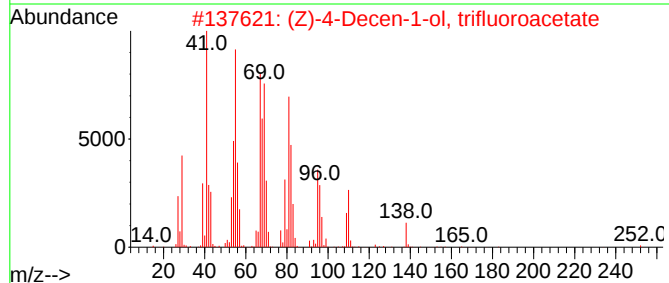
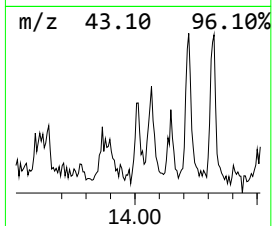
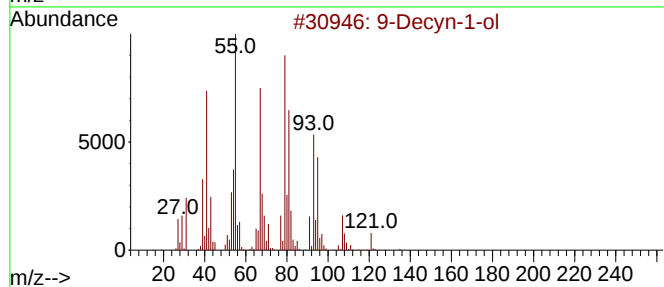
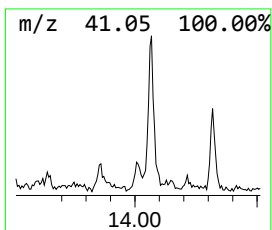
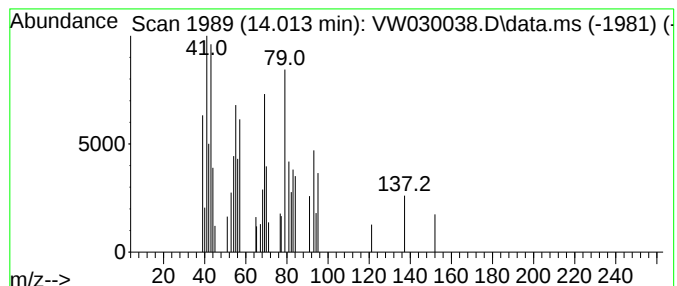
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Quant Title : SFAM01.0

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

Peak Number 22 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	1.28 ug/L	12318	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Decyn-1-ol			154	C10H18O	017643-36-6	25
2	(Z)-4-Decen-1-ol, trifluoroacetate			252	C12H19F3O2	1000352-33-5	25
3	2-Decyn-1-ol			154	C10H18O	004117-14-0	22
4	1-Undecanol			172	C11H24O	000112-42-5	22
5	1-Hepten-6-yne			94	C7H10O	065939-59-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

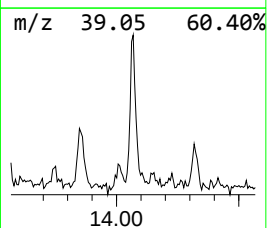
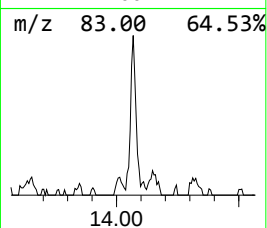
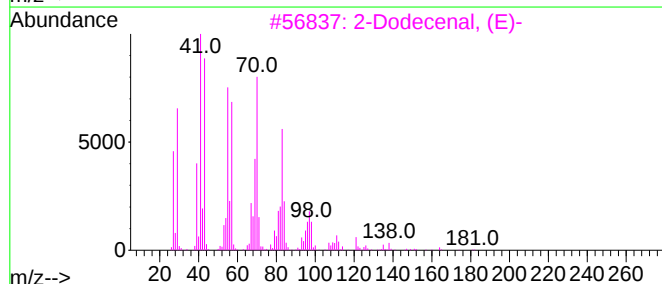
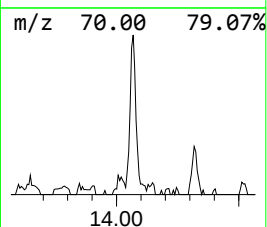
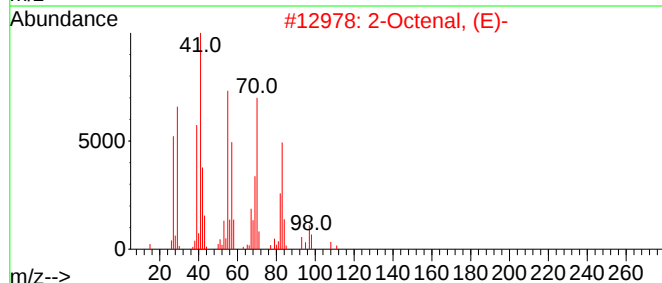
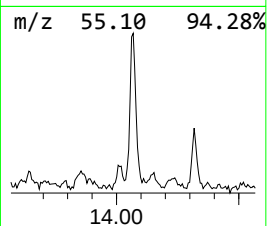
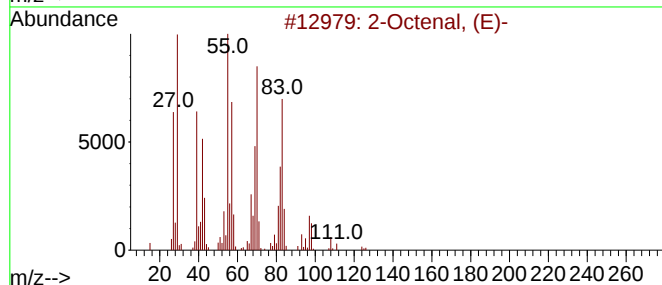
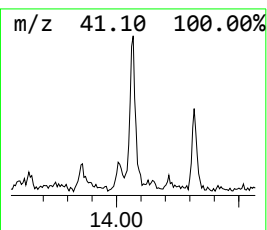
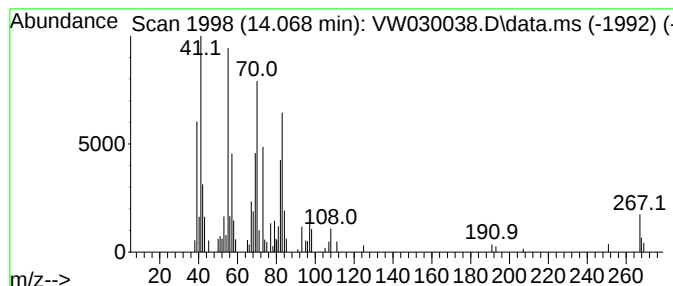
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Quant Title : SFAM01.0

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

Peak Number 23 2-Octenal, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	5.48 ug/L	52671	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octenal, (E)-	126	C8H14O	002548-87-0	72
2			2-Octenal, (E)-	126	C8H14O	002548-87-0	59
3			2-Dodecenal, (E)-	182	C12H22O	020407-84-5	47
4			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	38
5			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

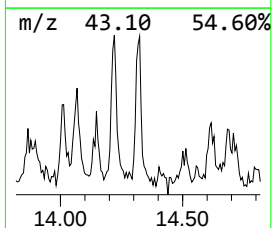
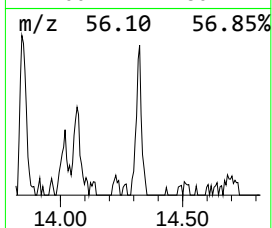
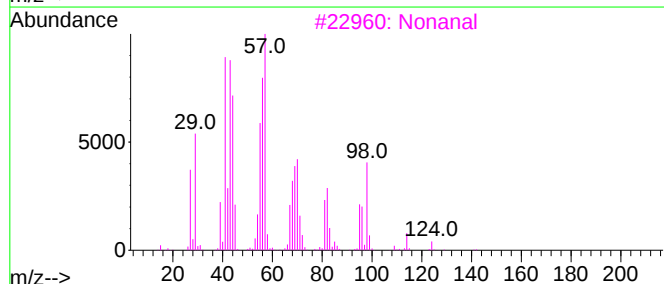
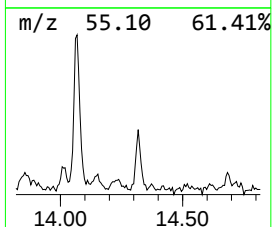
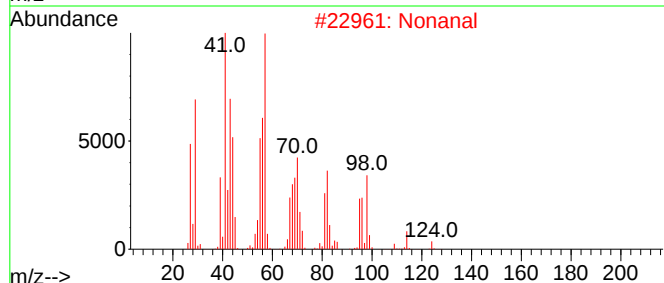
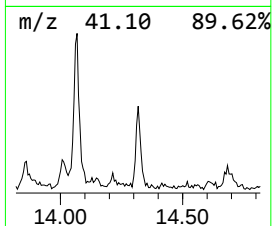
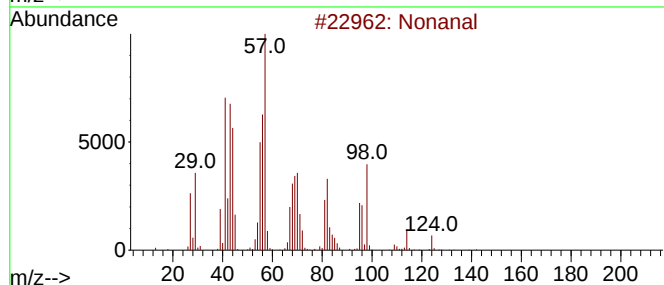
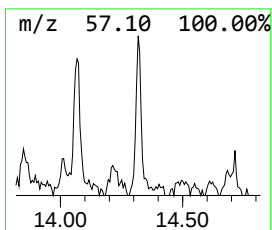
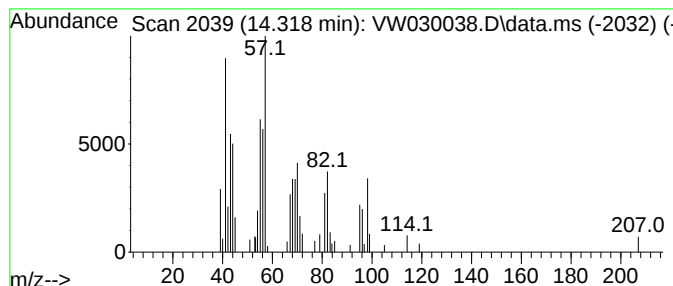
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Quant Title : SFAM01.0

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

Peak Number 24 Nonanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	2.35 ug/L	22568	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	91
3	Nonanal			142	C9H18O	000124-19-6	90
4	Nonanal			142	C9H18O	000124-19-6	90
5	2-Nonen-1-ol, (E)-			142	C9H18O	031502-14-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

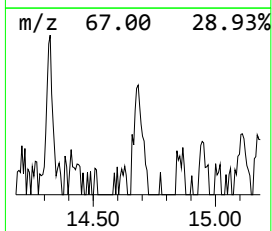
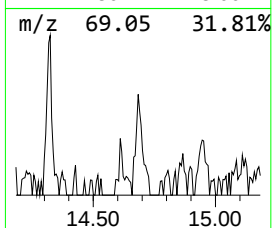
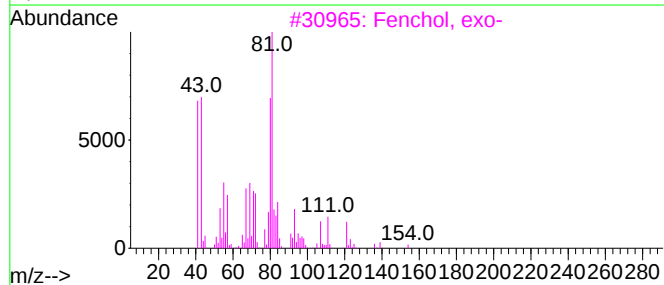
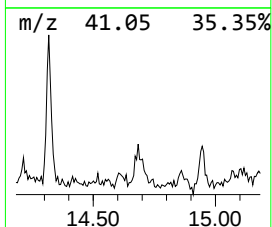
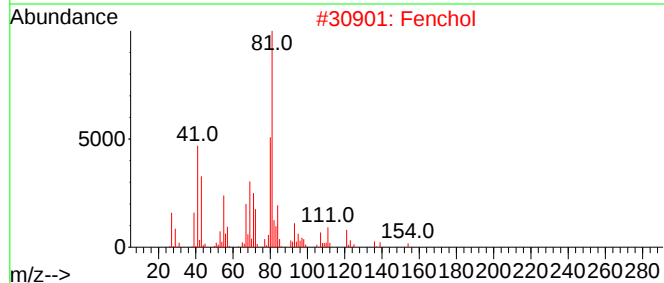
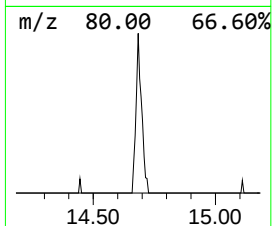
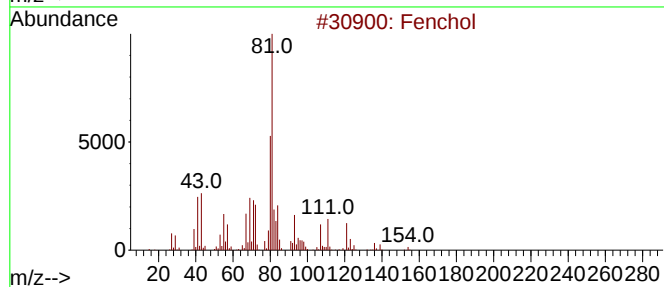
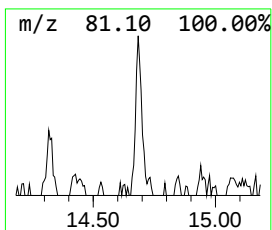
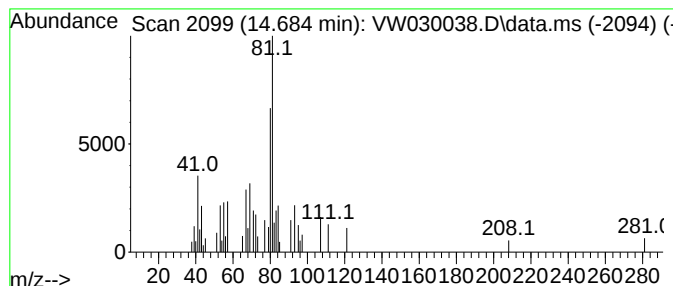
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Quant Title : SFAM01.0

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

Peak Number 25 Fenchol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	1.76 ug/L	16895	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchol	154	C10H18O	001632-73-1	90
2			Fenchol	154	C10H18O	001632-73-1	72
3			Fenchol, exo-	154	C10H18O	022627-95-8	72
4			Fenchol	154	C10H18O	001632-73-1	64
5			Fenchol	154	C10H18O	001632-73-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

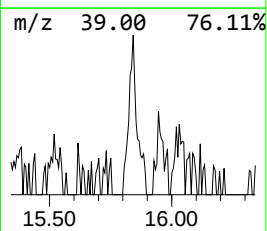
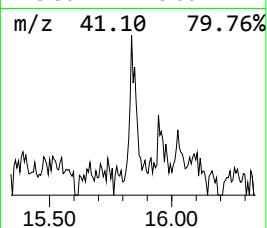
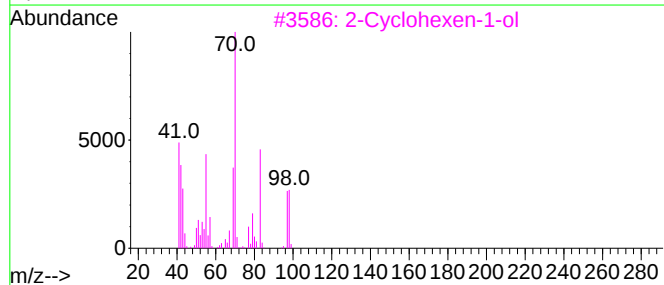
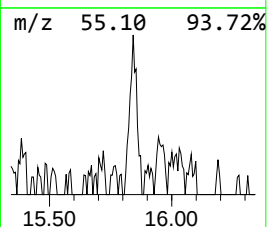
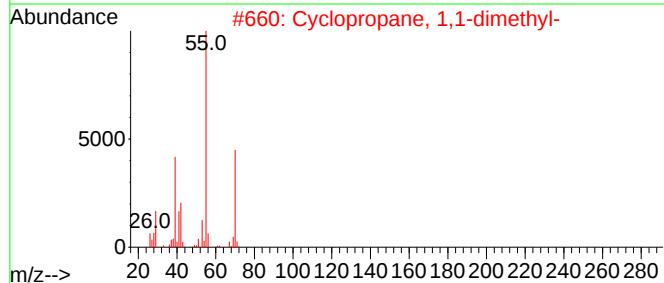
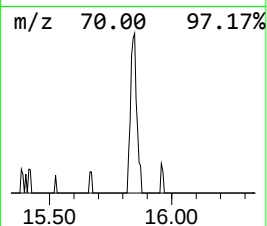
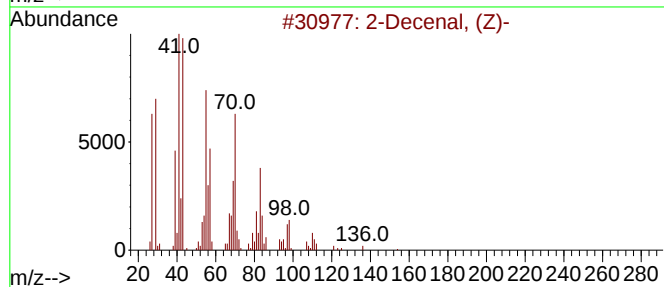
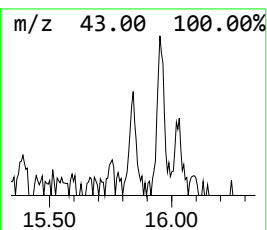
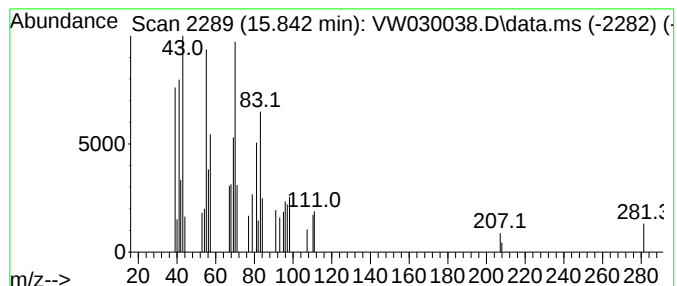
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Quant Title : SFAM01.0

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

Peak Number 26 2-Decenal, (Z)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	1.34 ug/L	12891	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Decenal, (Z)-	154	C10H18O	002497-25-8	78
2		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	53
3		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
4		2-Decenal, (E)-	154	C10H18O	003913-81-3	35
5		E-9-Tetradecenoic acid	226	C14H26O2	050286-30-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030038.D
Acq On : 27 Aug 2024 12:45
Operator : SY/MD
Sample : P3675-15
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.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
Acetaldehyde	2.503	1.4	ug/L	32699	1	8.837	604692	25.0
(DEL) Alkane: S...	3.393	3.3	ug/L	80845	1	8.837	604692	25.0
Butanal	6.892	8.5	ug/L	206151	1	8.837	604692	25.0
2-Butanone, 3-m...	8.703	3.7	ug/L	88611	1	8.837	604692	25.0
1-Butanol	9.026	1.8	ug/L	44159	1	8.837	604692	25.0
Pentanal	9.404	4.7	ug/L	113850	1	8.837	604692	25.0
Hexanal	11.068	30.7	ug/L	593438	2	11.629	483579	25.0
Furfural	11.837	4.2	ug/L	81469	2	11.629	483579	25.0
1-Hexanol	12.013	4.0	ug/L	77031	2	11.629	483579	25.0
2-Heptanone	12.233	4.9	ug/L	94592	2	11.629	483579	25.0
Heptanal	12.336	3.4	ug/L	65719	2	11.629	483579	25.0
.alpha.-Pinene	12.464	1.7	ug/L	32638	2	11.629	483579	25.0
2-Heptanone, 6-...	12.928	1.8	ug/L	17435	3	13.556	240328	25.0
(S)-(+)-5-Methy...	13.092	2.3	ug/L	21772	3	13.556	240328	25.0
1-Octen-3-ol	13.153	23.4	ug/L	225230	3	13.556	240328	25.0
3-Octanone	13.208	20.1	ug/L	193448	3	13.556	240328	25.0
unknown-01	13.281	5.7	ug/L	54688	3	13.556	240328	25.0
Octanal	13.391	3.7	ug/L	35892	3	13.556	240328	25.0
D-Limonene	13.464	19.1	ug/L	183357	3	13.556	240328	25.0
unknown-02	14.013	1.3	ug/L	12318	3	13.556	240328	25.0
2-Octenal, (E)-	14.068	5.5	ug/L	52671	3	13.556	240328	25.0
Nonanal	14.318	2.4	ug/L	22568	3	13.556	240328	25.0
Fenchol	14.684	1.8	ug/L	16895	3	13.556	240328	25.0
2-Decenal, (Z)-	15.842	1.3	ug/L	12891	3	13.556	240328	25.0