

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030037.D
 Acq On : 27 Aug 2024 12:21
 Operator : SY/MD
 Sample : P3675-14
 Misc : 3.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXX5

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: VW030037.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	9	12	16	rVB	9391	11985	0.96%	0.114%
2	2.174	42	47	50	rBV5	1122	2244	0.18%	0.021%
3	2.363	71	78	95	rVV	68053	177409	14.17%	1.689%
4	2.503	95	101	120	rBV	18834	57582	4.60%	0.548%
5	2.899	158	166	182	rVV	44864	136418	10.90%	1.299%
6	3.027	184	187	198	rVB6	3483	8535	0.68%	0.081%
7	3.302	227	232	233	rBV3	2205	2911	0.23%	0.028%
8	3.393	239	247	258	rBV2	33451	78520	6.27%	0.747%
9	3.734	301	303	312	rVB4	1112	2412	0.19%	0.023%
10	3.856	316	323	328	rBV3	1838	4564	0.36%	0.043%
11	4.021	339	350	360	rBV	120497	391188	31.24%	3.724%
12	4.131	360	368	383	rVV	146047	428890	34.26%	4.083%
13	4.277	387	392	401	rVB2	6215	18779	1.50%	0.179%
14	4.387	407	410	411	rBV2	1470	1765	0.14%	0.017%
15	4.673	448	457	474	rVV	18355	57686	4.61%	0.549%
16	4.917	486	497	521	rVV2	24650	96608	7.72%	0.920%
17	5.789	631	640	654	rVV2	4408	14668	1.17%	0.140%
18	5.947	656	666	678	rVB3	5494	17281	1.38%	0.165%
19	6.112	685	693	702	rVV4	1745	5845	0.47%	0.056%
20	6.600	772	773	779	rVB4	567	852	0.07%	0.008%
21	6.898	811	822	834	rBV2	31305	91794	7.33%	0.874%
22	7.081	844	852	862	rBV2	29193	93365	7.46%	0.889%
23	7.179	864	868	879	rVB	10584	27417	2.19%	0.261%
24	7.545	922	928	933	rBV5	511	814	0.07%	0.008%
25	7.648	935	945	957	rVV	176294	427572	34.15%	4.070%
26	7.782	960	967	971	rBV7	1055	2240	0.18%	0.021%
27	8.276	1037	1048	1064	rBV2	358204	1042090	83.23%	9.920%
28	8.404	1064	1069	1074	rVB5	1477	3210	0.26%	0.031%
29	8.551	1080	1093	1109	rBV4	16076	52948	4.23%	0.504%
30	8.703	1109	1118	1129	rBV	59300	132075	10.55%	1.257%
31	8.843	1132	1141	1152	rVB	397563	786149	62.79%	7.484%
32	9.050	1168	1175	1179	rBV5	1572	3861	0.31%	0.037%
33	9.276	1202	1212	1220	rBV	232335	488125	38.99%	4.647%
34	9.404	1226	1233	1247	rBV	186987	348091	27.80%	3.314%
35	9.550	1251	1257	1267	rVB	3529	7980	0.64%	0.076%
36	9.758	1286	1291	1296	rVB6	758	1703	0.14%	0.016%

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 Title : SFAM01.0

37	10.032	1324	1336	1346	rVV2	121320	224391	17.92%	2.136%
38	10.130	1349	1352	1357	rBV5	728	1227	0.10%	0.012%
39	10.209	1362	1365	1367	rBV	643	823	0.07%	0.008%
40	10.319	1372	1383	1390	rBV	455900	880704	70.34%	8.384%
41	10.386	1390	1394	1406	rVB	17785	34139	2.73%	0.325%
42	10.501	1408	1413	1419	rBV3	3554	6029	0.48%	0.057%
43	10.575	1419	1425	1432	rBV	76115	130098	10.39%	1.238%
44	10.703	1439	1446	1448	rBV	7148	12230	0.98%	0.116%
45	10.739	1448	1452	1461	rVB	9121	17643	1.41%	0.168%
46	10.843	1467	1469	1475	rVB5	912	1591	0.13%	0.015%
47	10.922	1475	1482	1497	rBV	119971	210464	16.81%	2.004%
48	11.068	1497	1506	1520	rBV	774441	1252026	100.00%	11.919%
49	11.209	1525	1529	1541	rVB4	3565	7156	0.57%	0.068%
50	11.465	1566	1571	1579	rVB5	1707	3740	0.30%	0.036%
51	11.562	1581	1587	1591	rBV4	3389	6587	0.53%	0.063%
52	11.629	1591	1598	1609	rVV	421002	702069	56.07%	6.683%
53	11.739	1611	1616	1622	rVB4	1986	3791	0.30%	0.036%
54	11.837	1625	1632	1645	rBV	38629	82629	6.60%	0.787%
55	11.940	1645	1649	1656	rVB2	7799	13586	1.09%	0.129%
56	12.013	1656	1661	1670	rBV	22587	38935	3.11%	0.371%
57	12.160	1682	1685	1691	rVB4	1131	1500	0.12%	0.014%
58	12.233	1691	1697	1703	rBV	11004	18392	1.47%	0.175%
59	12.336	1708	1714	1721	rBV	58521	95627	7.64%	0.910%
60	12.507	1737	1742	1748	rVB	15024	24251	1.94%	0.231%
61	12.599	1753	1757	1764	rVB2	8926	15112	1.21%	0.144%
62	12.690	1765	1772	1780	rBV	127521	208572	16.66%	1.986%
63	12.806	1788	1791	1799	rVB6	1581	2943	0.24%	0.028%
64	12.928	1799	1811	1820	rBV	23144	48368	3.86%	0.460%
65	13.038	1825	1829	1832	rBV2	2905	4539	0.36%	0.043%
66	13.092	1832	1838	1843	rVV3	18029	35198	2.81%	0.335%
67	13.153	1843	1848	1852	rVV	41344	69630	5.56%	0.663%
68	13.208	1852	1857	1862	rVV	98044	154974	12.38%	1.475%
69	13.275	1863	1868	1881	rVB3	20729	50624	4.04%	0.482%
70	13.391	1881	1887	1895	rBV2	56986	91066	7.27%	0.867%
71	13.556	1907	1914	1925	rBV	245490	397382	31.74%	3.783%
72	13.641	1925	1928	1935	rVB5	4750	7982	0.64%	0.076%
73	13.708	1935	1939	1943	rBV5	1349	2283	0.18%	0.022%
74	13.751	1943	1946	1951	rBV5	1132	2056	0.16%	0.020%
75	13.848	1956	1962	1974	rBV	183679	319297	25.50%	3.040%
76	14.013	1984	1989	1992	rBV3	6033	9312	0.74%	0.089%

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 Title : SFAM01.0

77	14.068	1992	1998	2007	rVV3	48763	87543	6.99%	0.833%
78	14.147	2007	2011	2016	rVV2	6519	10926	0.87%	0.104%
79	14.214	2018	2022	2028	rVB5	3286	5426	0.43%	0.052%
80	14.318	2033	2039	2046	rBV	34840	55810	4.46%	0.531%
81	14.482	2061	2066	2069	rBV5	1160	1919	0.15%	0.018%
82	14.513	2069	2071	2074	rVV3	1289	1693	0.14%	0.016%
83	14.556	2076	2078	2082	rVV3	1120	1225	0.10%	0.012%
84	14.617	2082	2088	2093	rVV2	7405	13201	1.05%	0.126%
85	14.671	2093	2097	2103	rVV7	1735	4180	0.33%	0.040%
86	14.714	2103	2104	2110	rVB4	1143	1175	0.09%	0.011%
87	14.854	2122	2127	2129	rBV5	2068	3575	0.29%	0.034%
88	14.946	2137	2142	2151	rBV2	11971	20728	1.66%	0.197%
89	15.062	2156	2161	2169	rBV2	6026	11604	0.93%	0.110%
90	15.123	2169	2171	2173	rVV	916	948	0.08%	0.009%
91	15.171	2175	2179	2188	rVV7	3475	7876	0.63%	0.075%
92	15.238	2188	2190	2194	rVB5	1777	2155	0.17%	0.021%
93	15.379	2208	2213	2220	rBV7	1981	4369	0.35%	0.042%
94	15.476	2224	2229	2232	rBV2	2156	3622	0.29%	0.034%
95	15.519	2234	2236	2240	rVB4	1398	1526	0.12%	0.015%
96	15.714	2262	2268	2270	rBV5	413	817	0.07%	0.008%
97	15.842	2283	2289	2297	rBV2	15652	29930	2.39%	0.285%
98	15.958	2302	2308	2315	rBV2	8222	16594	1.33%	0.158%
99	16.080	2326	2328	2334	rVB4	1239	1838	0.15%	0.017%
100	16.500	2394	2397	2403	rVB7	701	1533	0.12%	0.015%

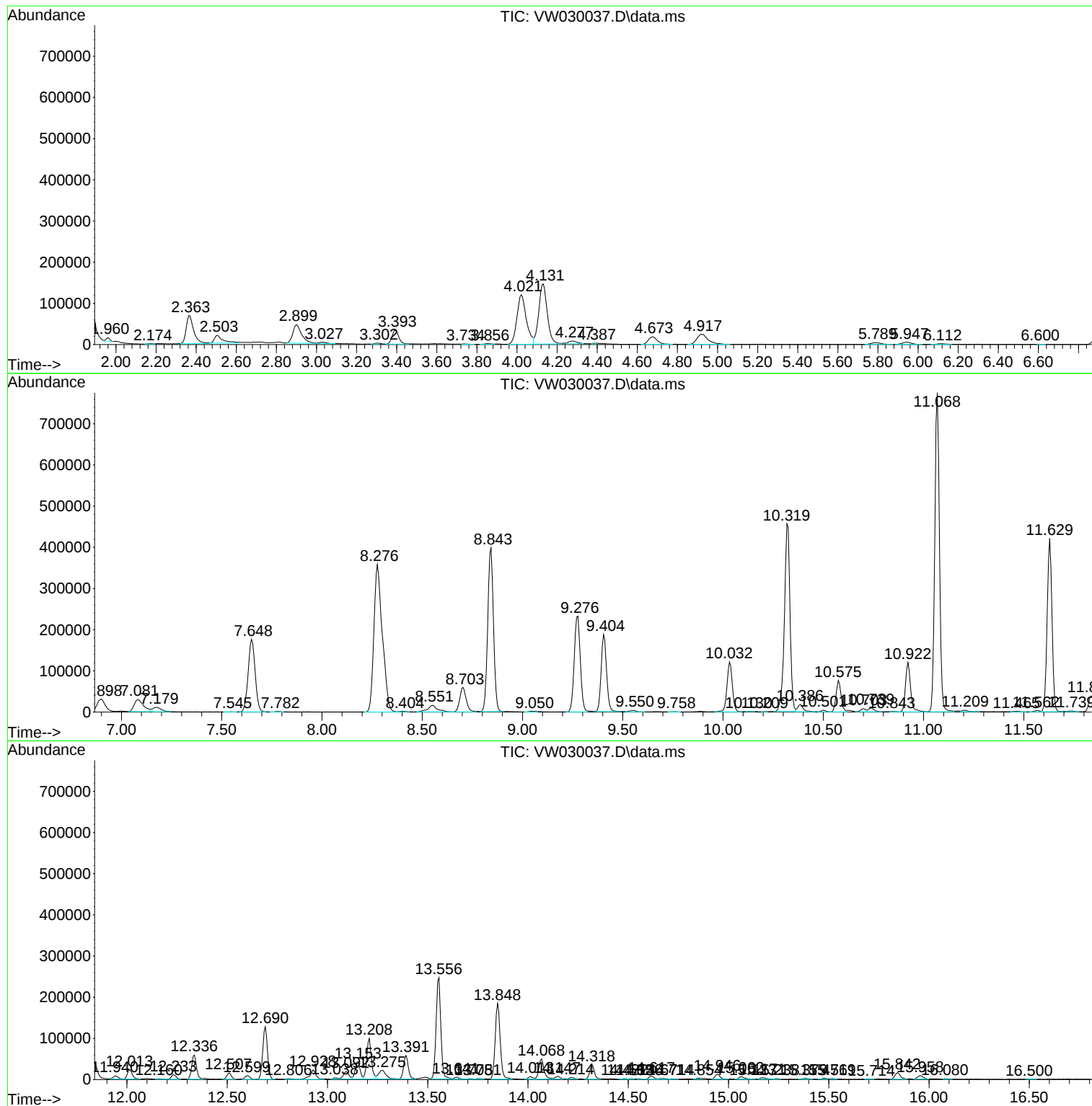
Sum of corrected areas: 10504755

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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



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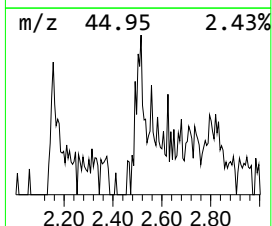
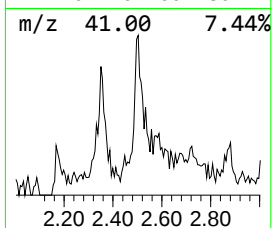
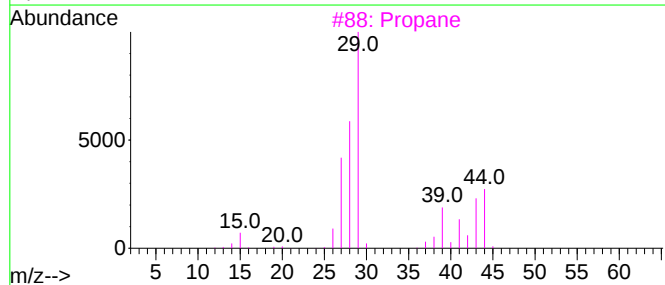
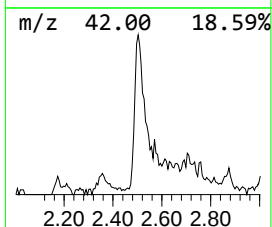
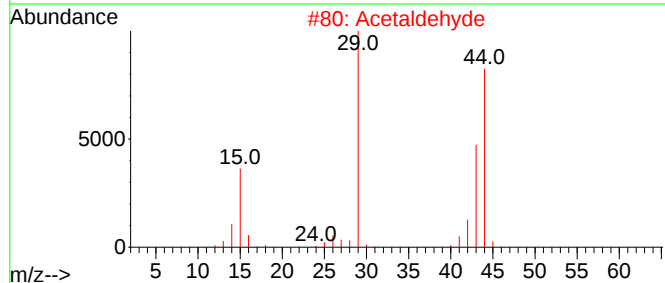
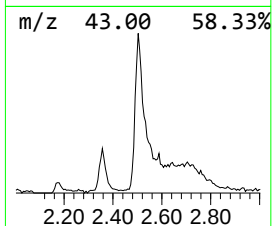
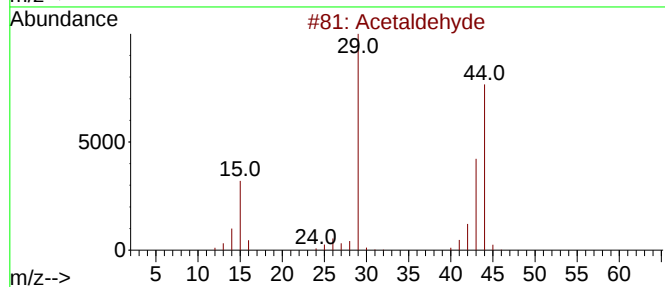
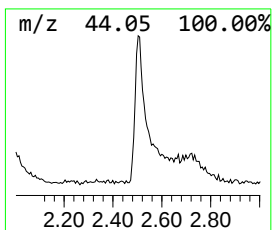
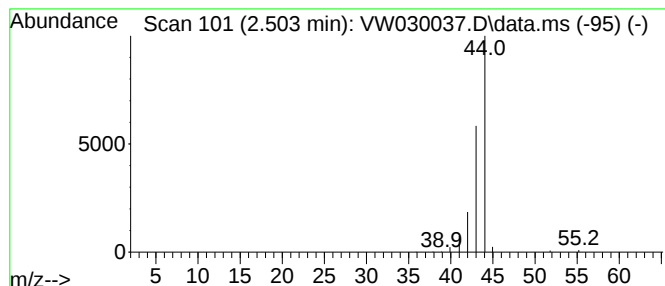
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.503	1.83 ug/L	57582	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	9
2			Acetaldehyde	44	C2H4O	000075-07-0	9
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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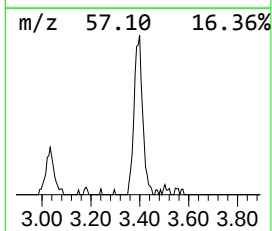
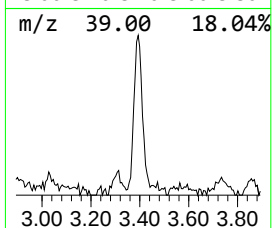
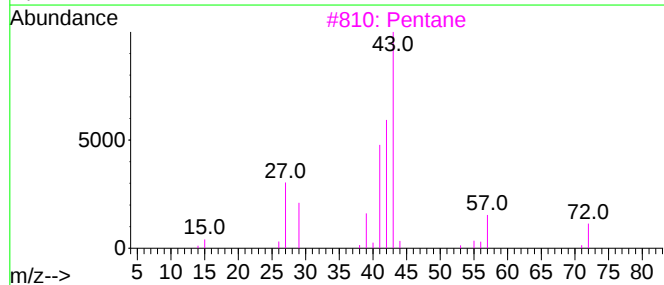
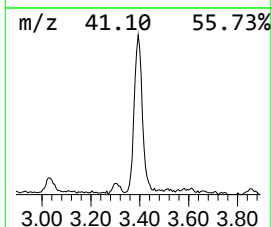
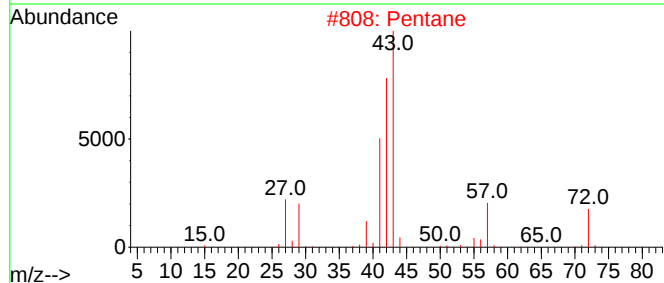
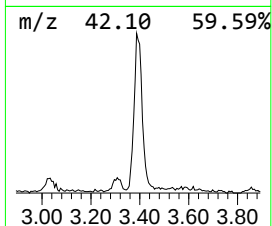
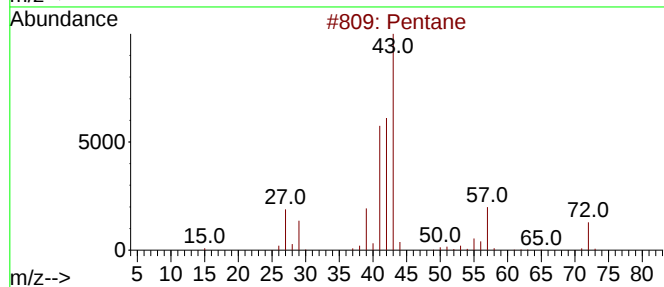
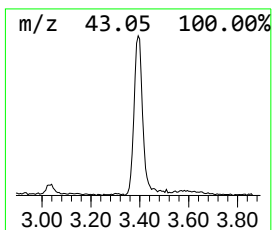
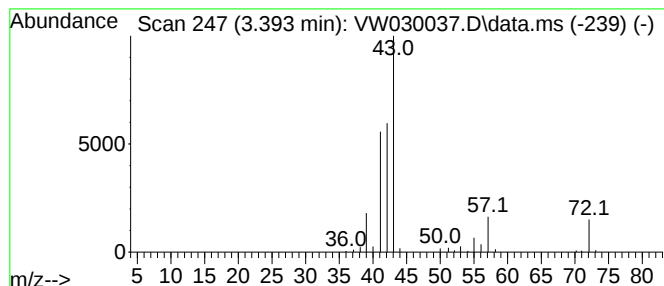
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	2.50 ug/L	78520	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	91
2	Pentane			72	C5H12	000109-66-0	90
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	86
5	Pentane			72	C5H12	000109-66-0	86



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ALS Vial : 10 Sample Multiplier: 1

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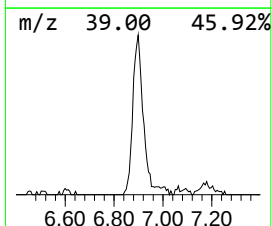
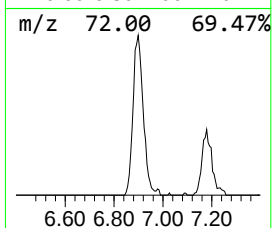
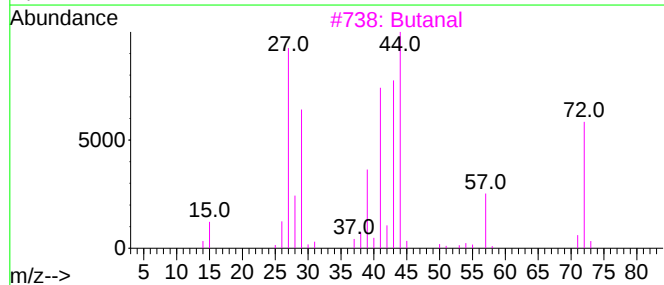
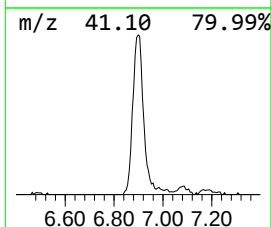
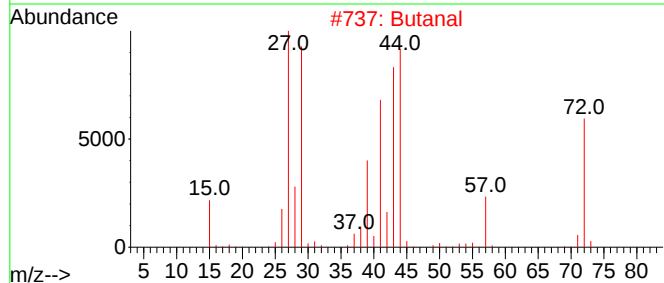
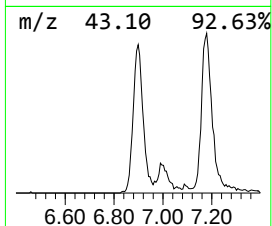
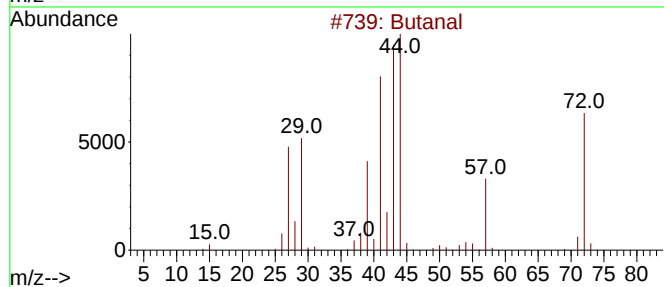
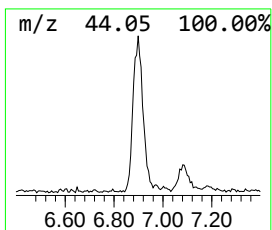
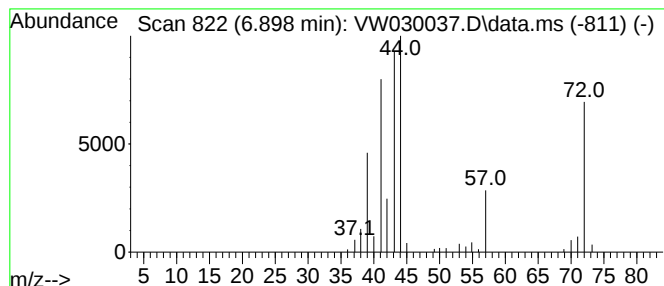
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Butanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	2.92 ug/L	91794	1,4-Difluorobenzene	8.843

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	68
4			Butanal	72	C4H8O	000123-72-8	64
5			Propanal, 2-methyl-	72	C4H8O	000078-84-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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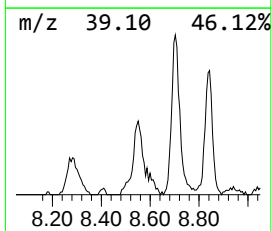
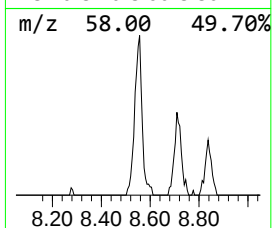
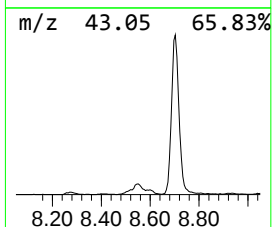
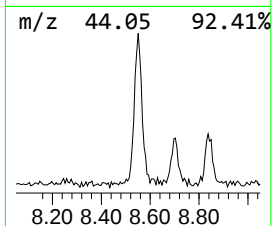
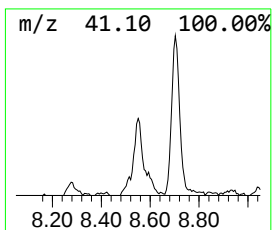
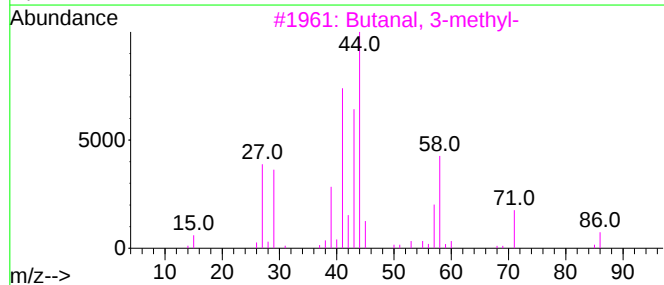
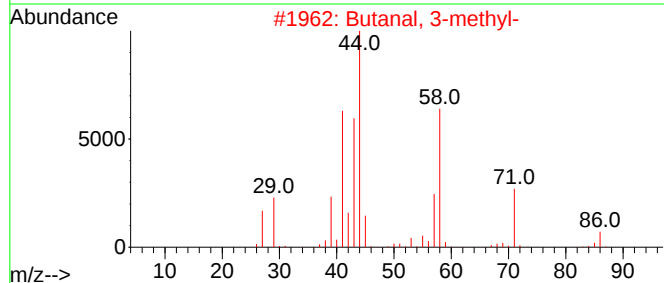
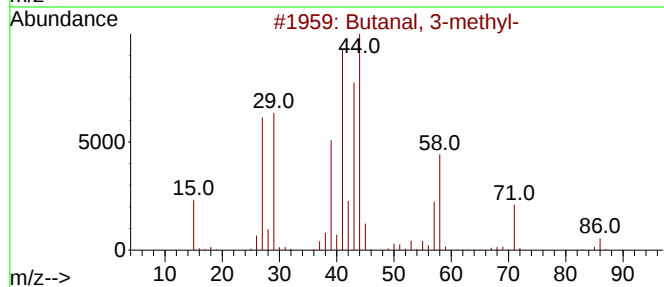
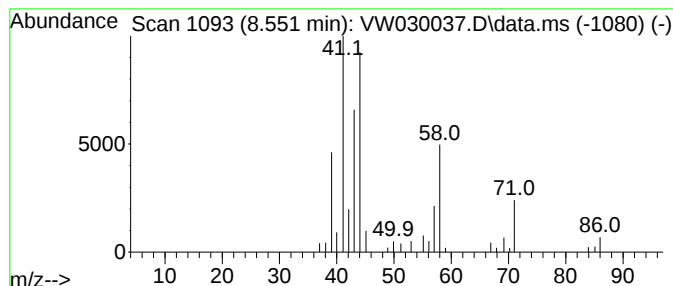
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Quant Title : SFAM01.0

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

Peak Number 4 Butanal, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	1.68 ug/L	52948	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	97
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	70
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	58
4			Pentanal	86	C5H10O	000110-62-3	49
5			Butanal, 3-methyl-	86	C5H10O	000590-86-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

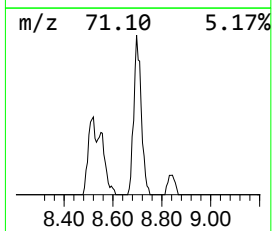
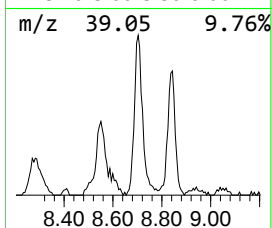
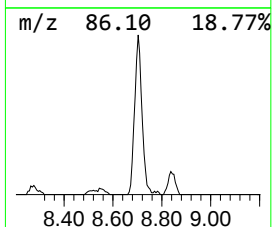
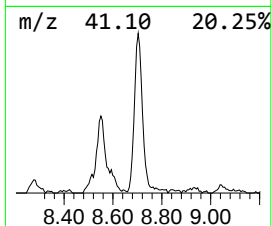
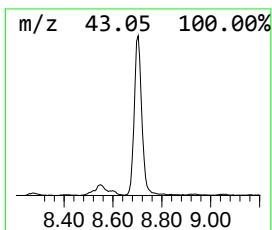
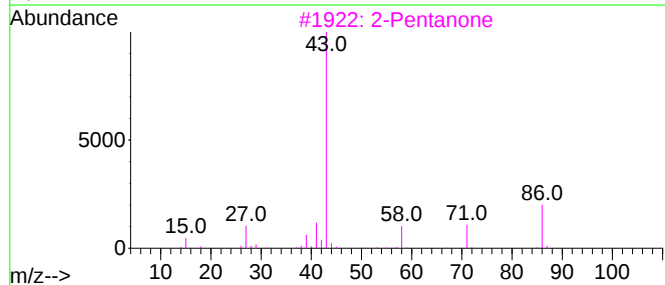
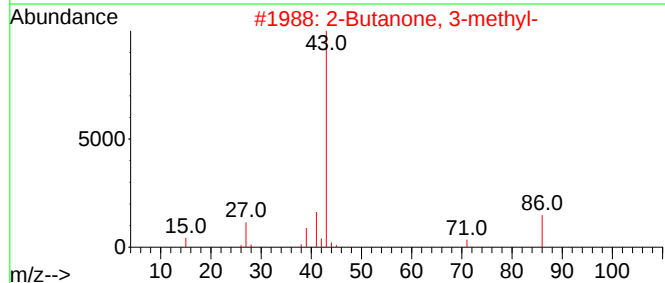
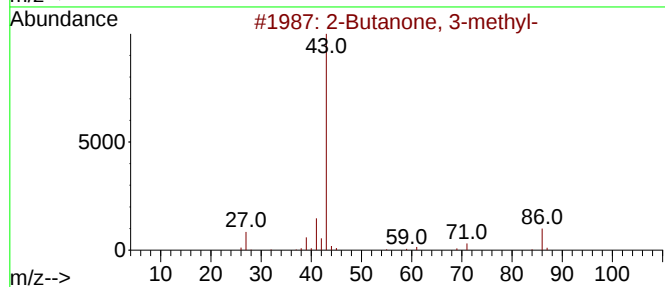
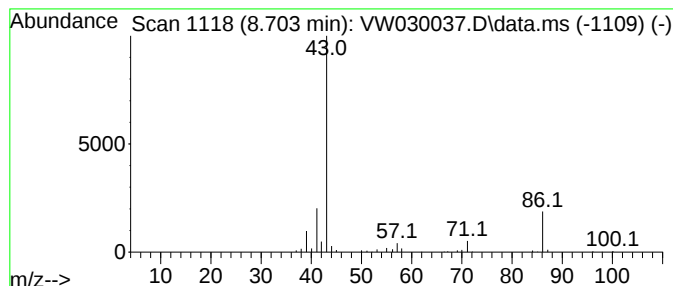
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Quant Title : SFAM01.0

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

Peak Number 5 2-Butanone, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	4.20 ug/L	132075	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-		86	C5H10O	000563-80-4	64	
2	2-Butanone, 3-methyl-		86	C5H10O	000563-80-4	53	
3	2-Pentanone		86	C5H10O	000107-87-9	50	
4	2-Pentanone		86	C5H10O	000107-87-9	50	
5	3,3-Dimethyl-2,4-pentane dione		128	C7H12O2	003142-58-3	42	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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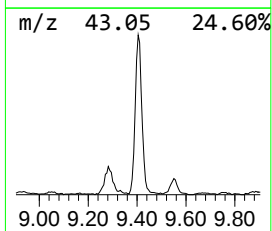
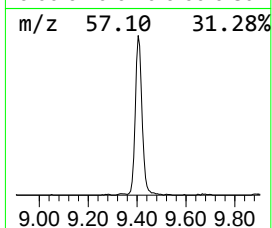
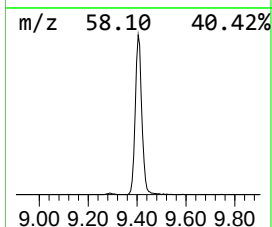
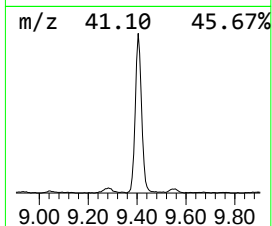
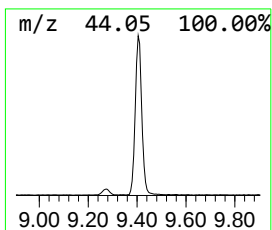
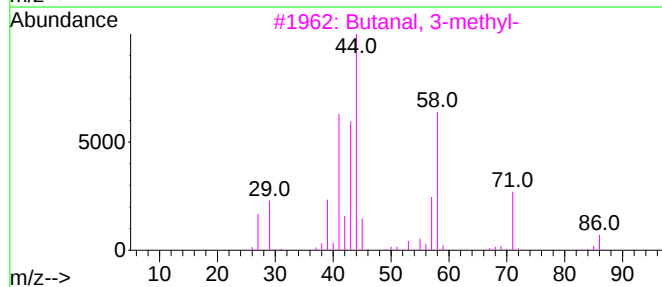
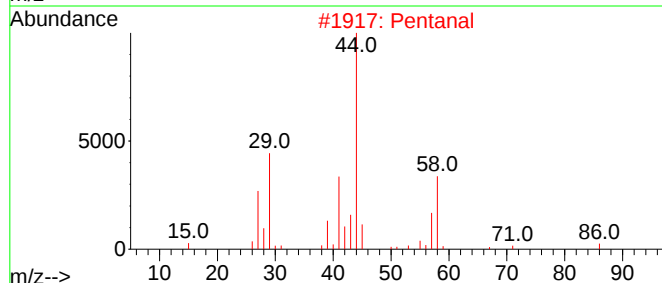
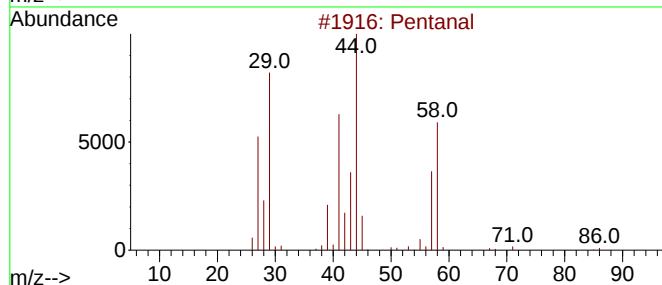
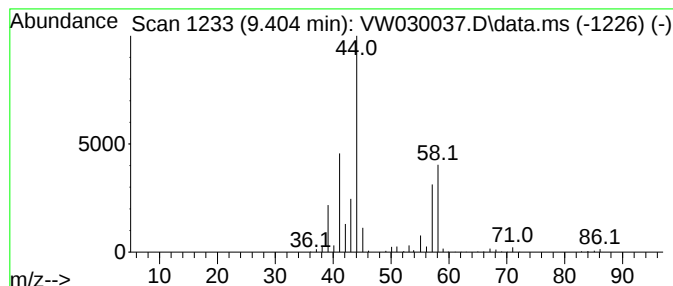
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Quant Title : SFAM01.0

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

Peak Number 6 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	11.07 ug/L	348091	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	90
2	Pentanal			86	C5H10O	000110-62-3	83
3	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
4	Pentanal			86	C5H10O	000110-62-3	74
5	Pentanal			86	C5H10O	000110-62-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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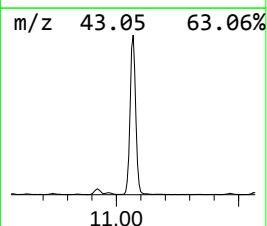
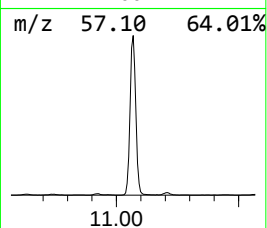
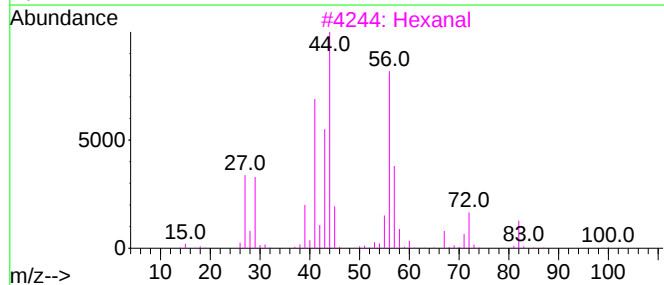
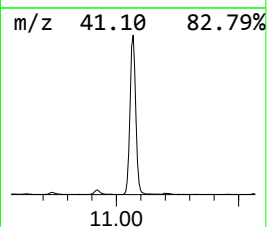
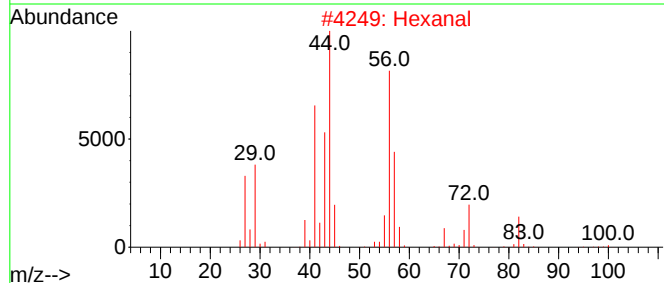
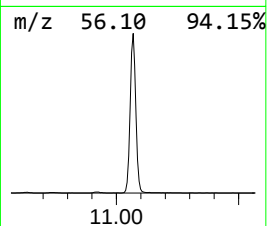
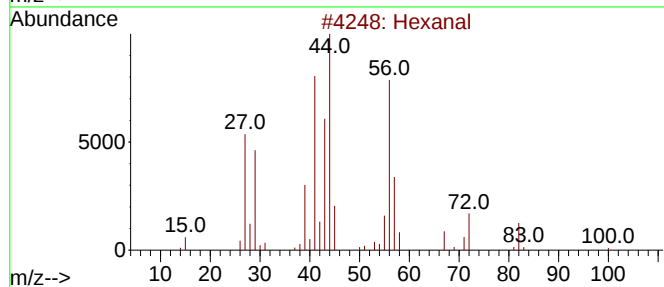
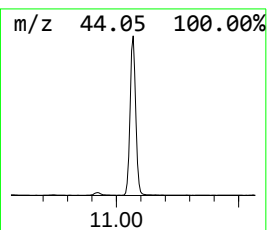
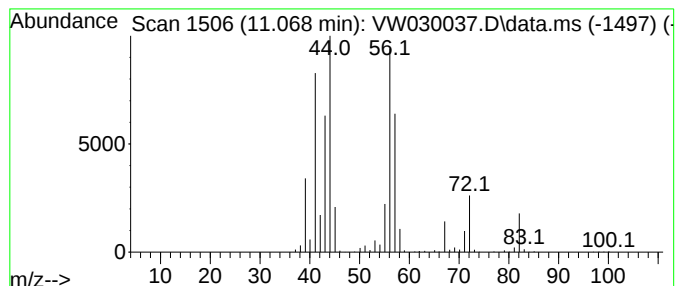
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Quant Title : SFAM01.0

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

Peak Number 8 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	44.58 ug/L	1252030	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	90
3	Hexanal			100	C6H12O	000066-25-1	90
4	Hexanal			100	C6H12O	000066-25-1	81
5	Hexanal			100	C6H12O	000066-25-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

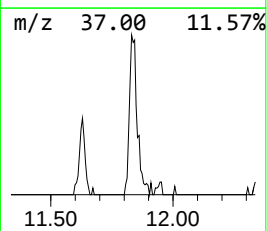
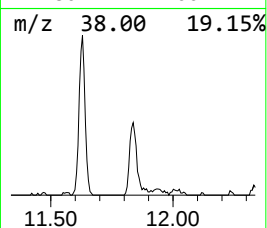
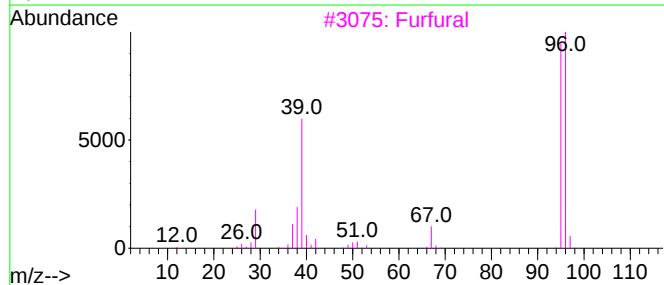
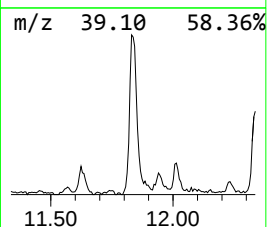
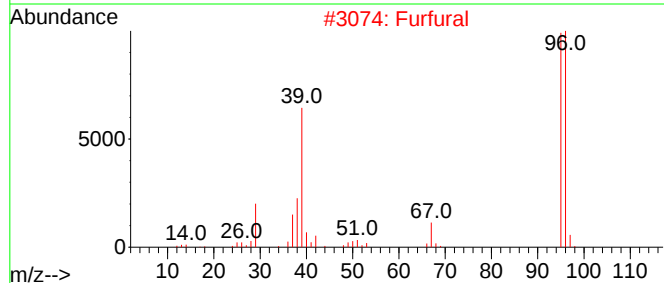
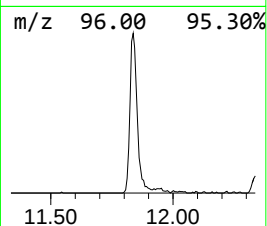
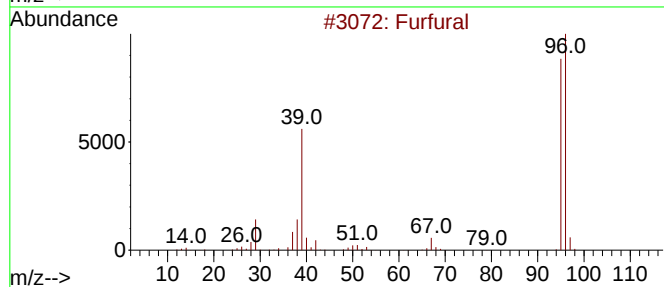
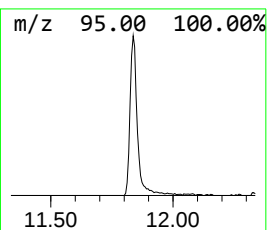
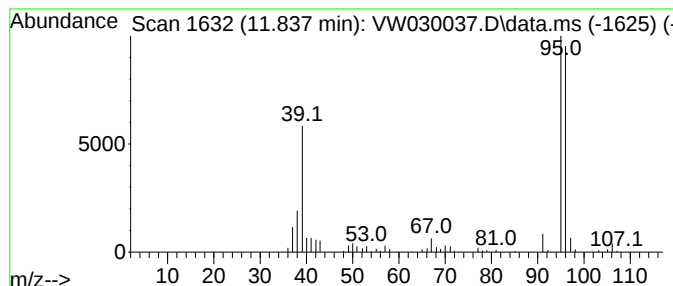
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Quant Title : SFAM01.0

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

Peak Number 9 Furfural Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	2.94 ug/L	82629	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furfural	96	C5H4O2	000098-01-1	94
2			Furfural	96	C5H4O2	000098-01-1	91
3			Furfural	96	C5H4O2	000098-01-1	91
4			1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	78
5			3-Furaldehyde	96	C5H4O2	000498-60-2	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

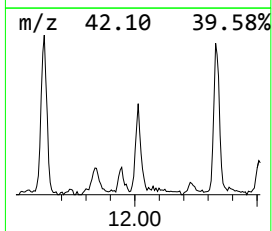
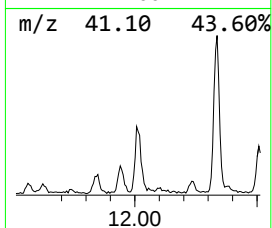
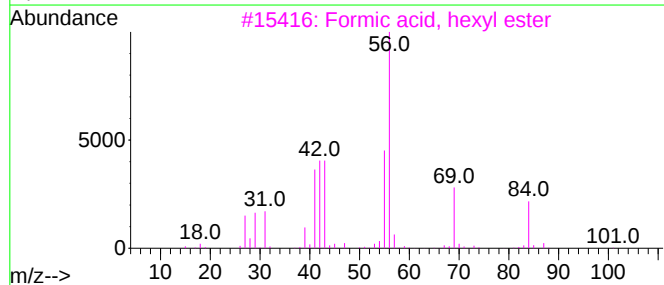
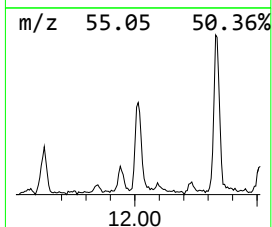
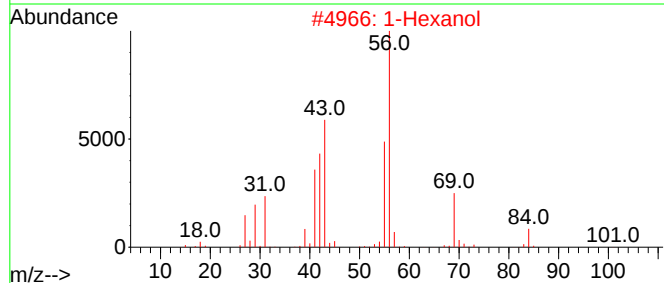
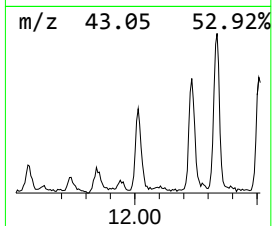
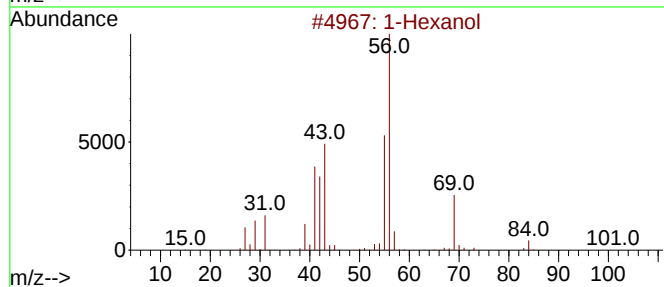
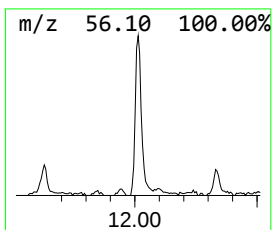
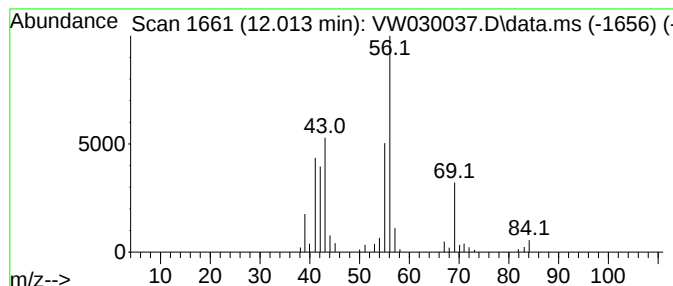
Instrument :
MSVOA_W
ClientSampleId :
DCXX5

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 10 1-Hexanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.013	1.39 ug/L	38935	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	78
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	72
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

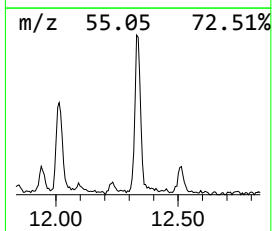
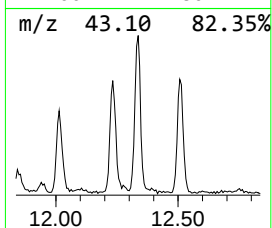
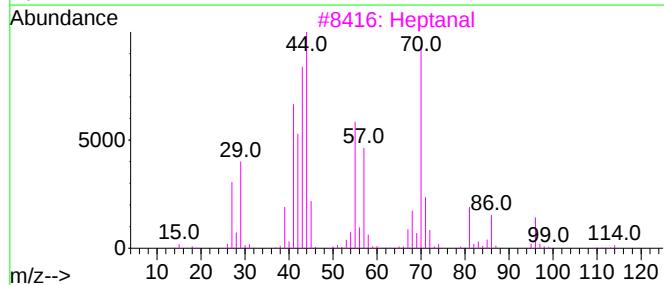
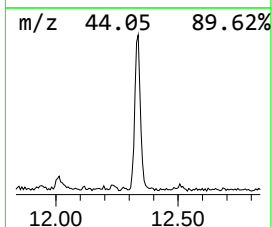
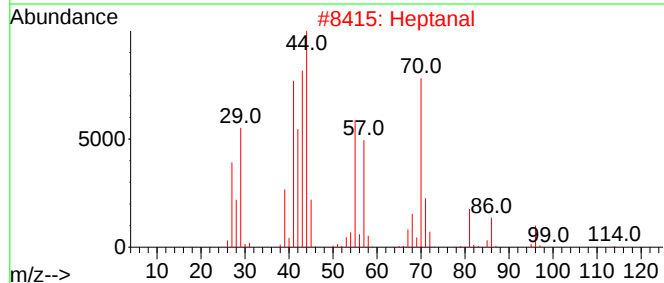
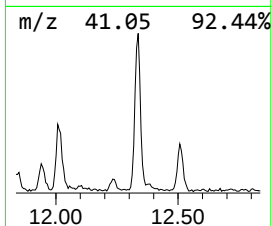
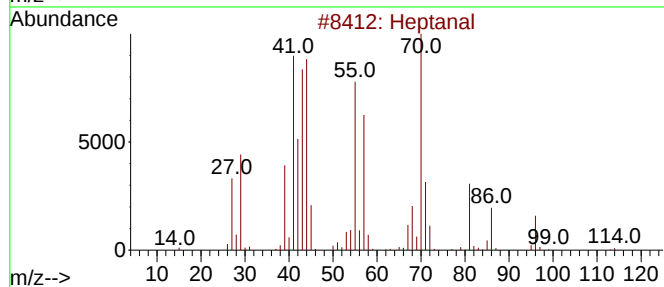
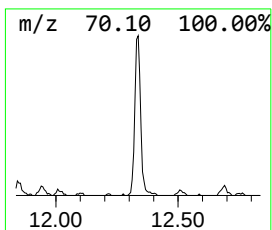
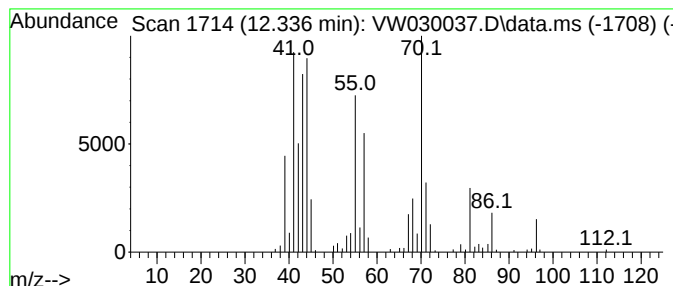
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 Heptanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.336	3.41 ug/L	95627	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	80
3	Heptanal		114	C7H14O	000111-71-7	80
4	Heptanal		114	C7H14O	000111-71-7	72
5	Heptanal		114	C7H14O	000111-71-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

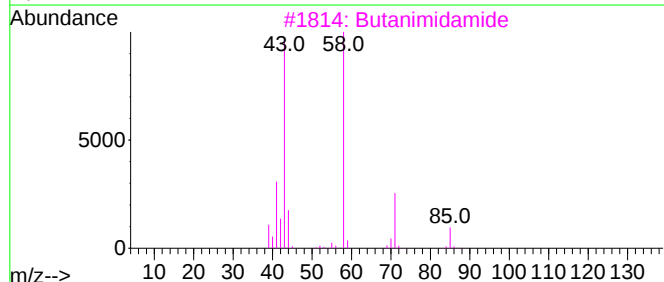
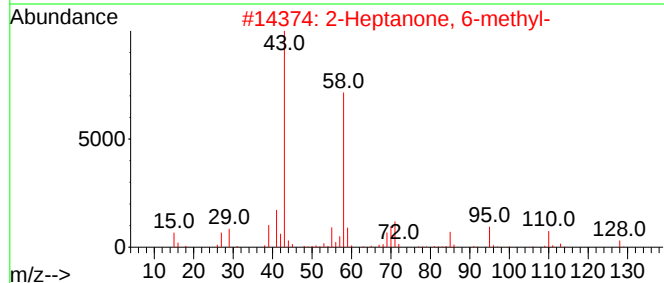
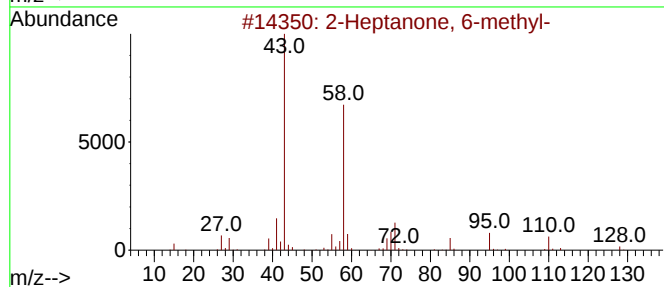
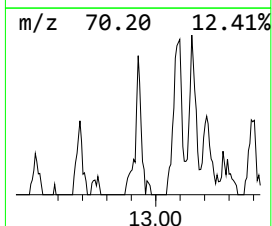
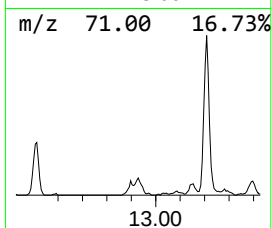
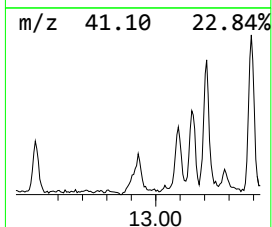
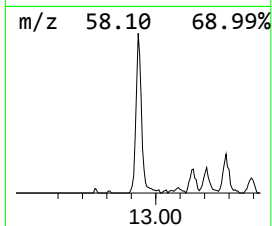
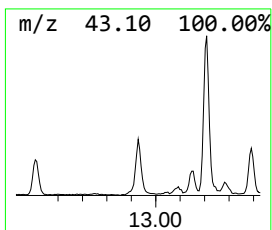
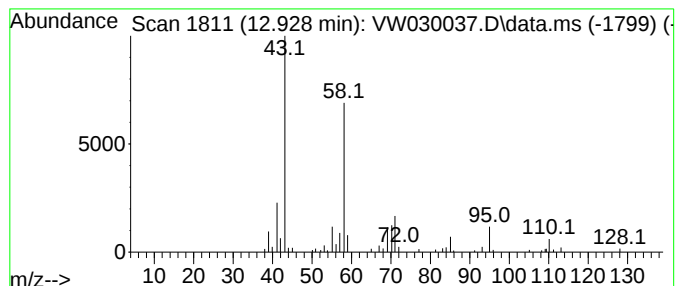
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Quant Title : SFAM01.0

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

Peak Number 12 2-Heptanone, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	3.04 ug/L	48368	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	91
2		2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
3		Butanimidamide	86	C4H10N2	000107-90-4	52
4		2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	52
5		2-Heptanone	114	C7H14O	000110-43-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

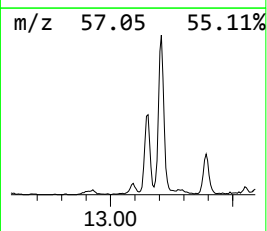
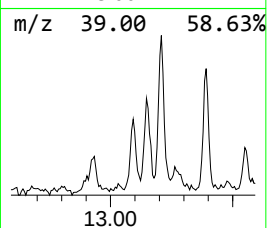
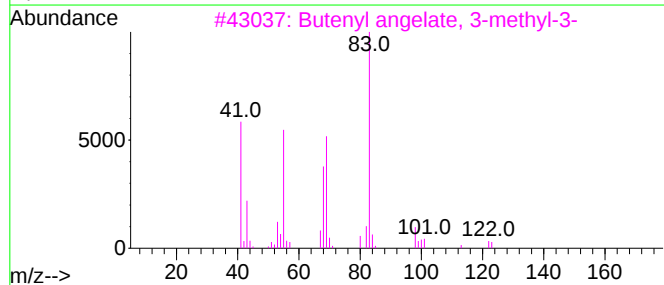
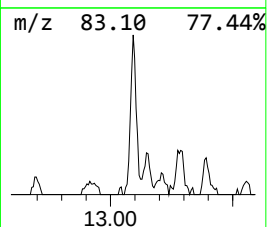
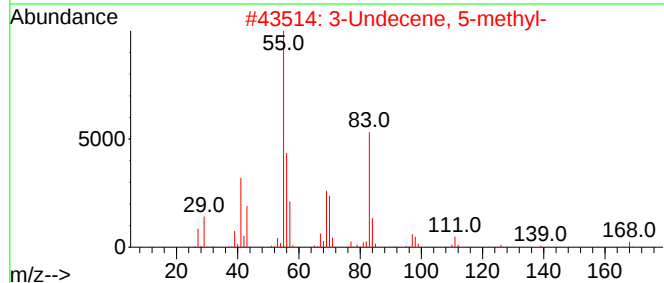
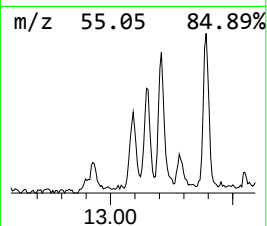
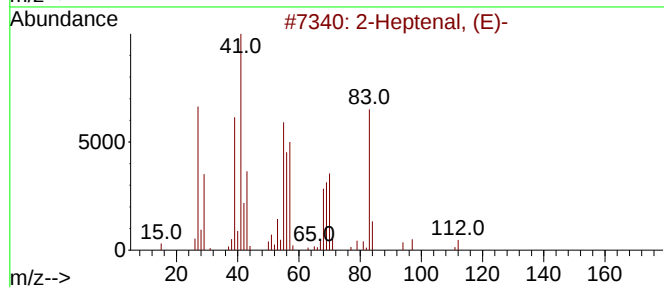
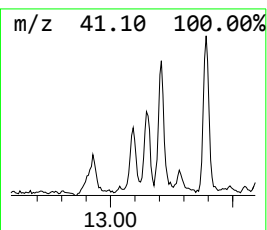
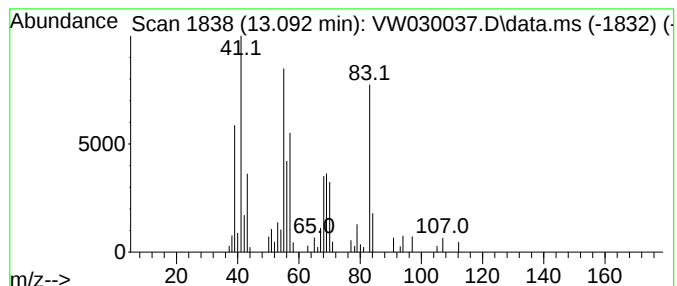
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Quant Title : SFAM01.0

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

Peak Number 13 2-Heptenal, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.21 ug/L	35198	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (E)-	112	C7H12O	018829-55-5	76
2			3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	53
3			Butenyl angelate, 3-methyl-3-	168	C10H16O2	1000383-68-4	47
4			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	46
5			1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

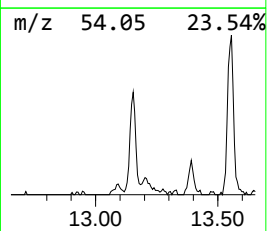
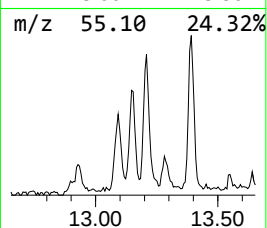
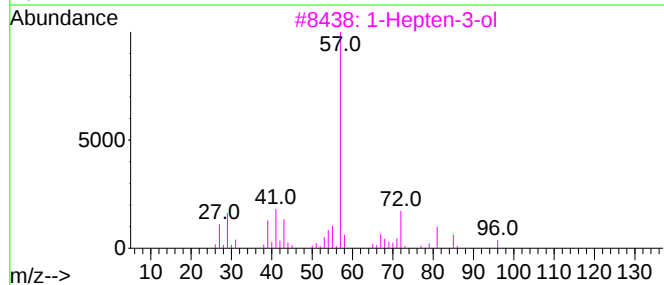
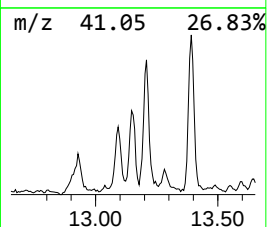
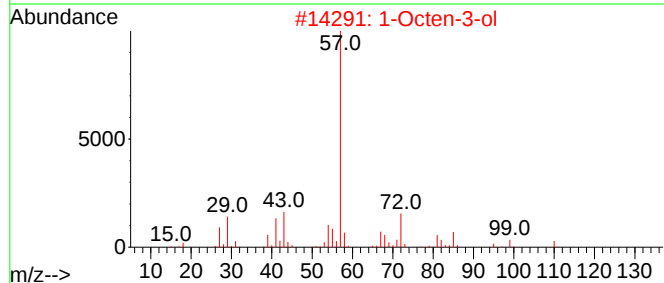
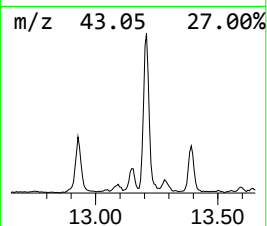
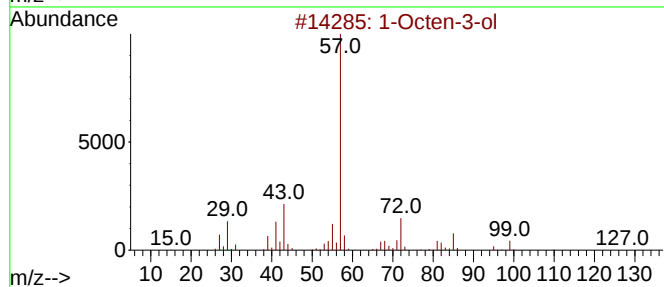
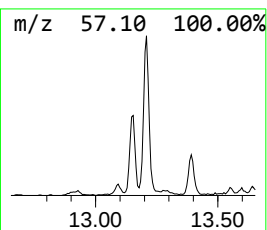
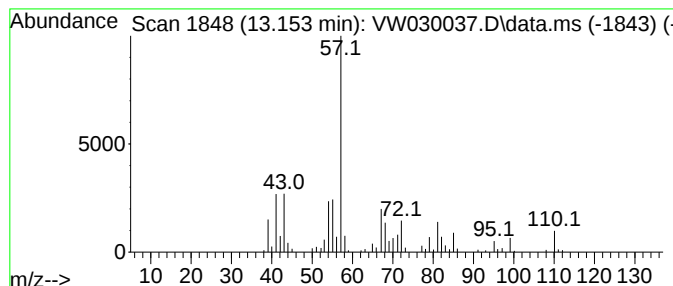
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.153	4.38 ug/L	69630	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	43
2		1-Octen-3-ol	128	C8H16O	003391-86-4	42
3		1-Hepten-3-ol	114	C7H14O	004938-52-7	38
4		1-Octen-3-ol	128	C8H16O	003391-86-4	38
5		2-Octen-1-ol, (Z)-	128	C8H16O	026001-58-1	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

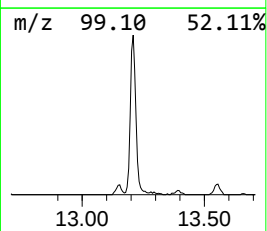
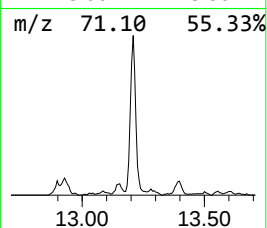
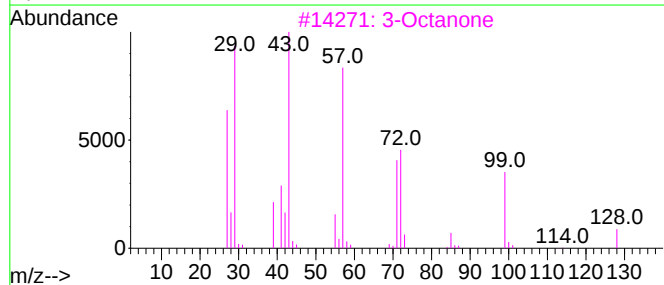
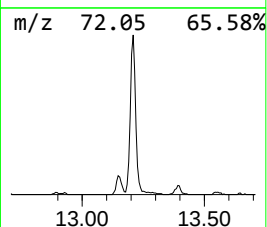
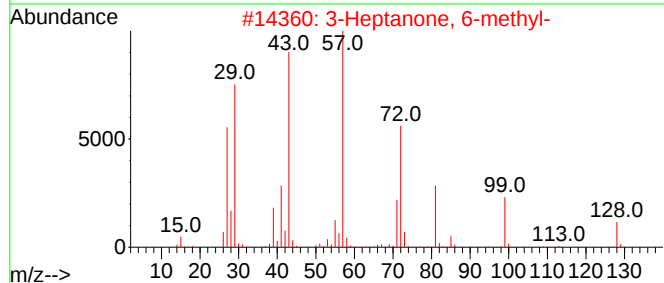
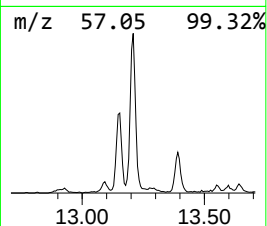
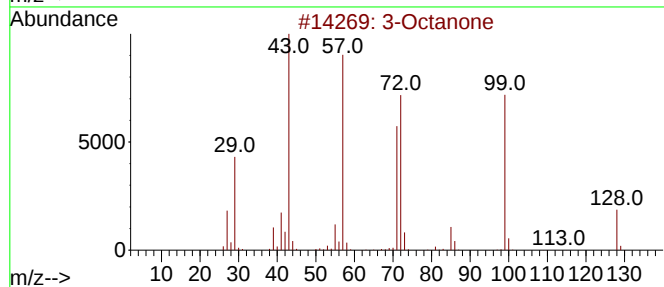
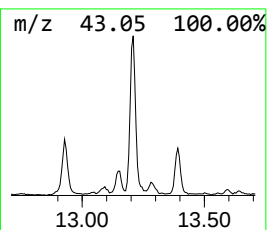
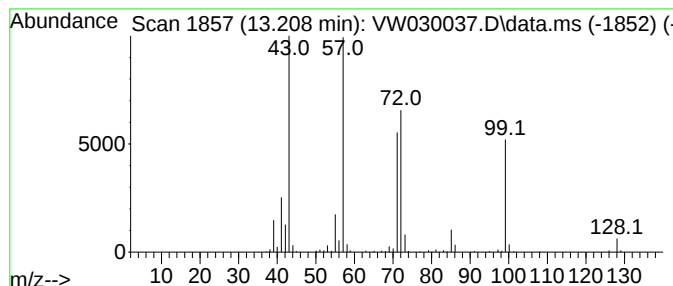
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Quant Title : SFAM01.0

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

Peak Number 15 3-Octanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	9.75 ug/L	154974	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	91
2			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	53
3			3-Octanone	128	C8H16O	000106-68-3	47
4			Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	43
5			3-Octanone	128	C8H16O	000106-68-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

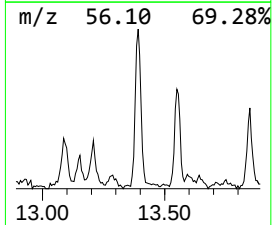
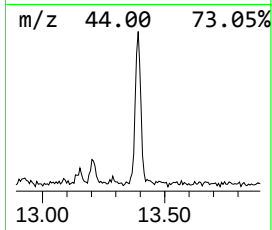
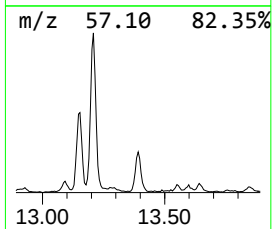
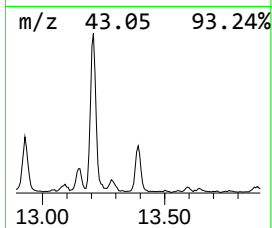
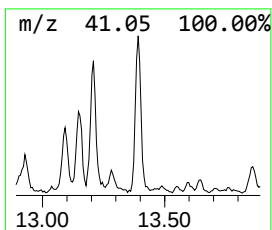
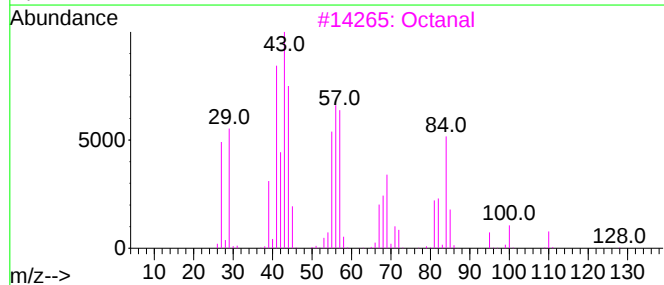
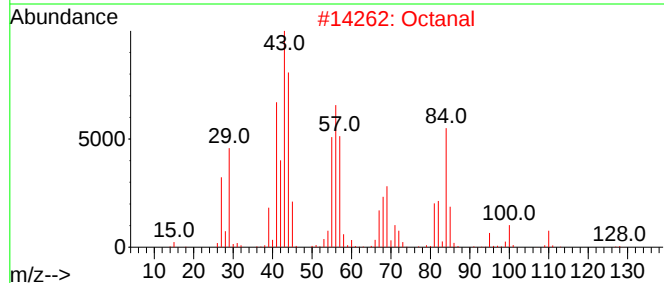
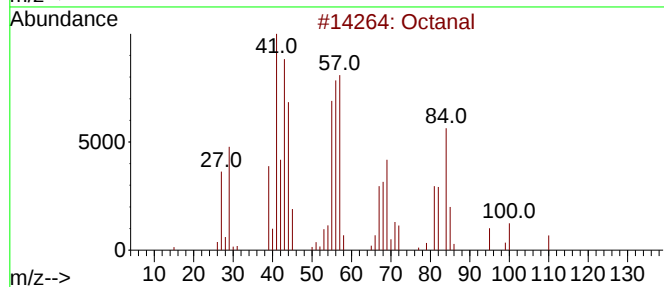
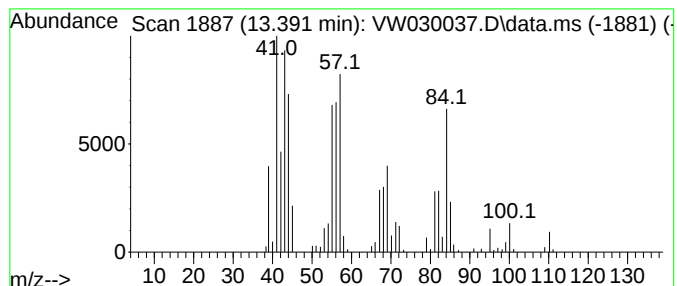
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Quant Title : SFAM01.0

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

Peak Number 17 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	5.73 ug/L	91066	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	91
3	Octanal			128	C8H16O	000124-13-0	91
4	Octanal			128	C8H16O	000124-13-0	90
5	Octanal			128	C8H16O	000124-13-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

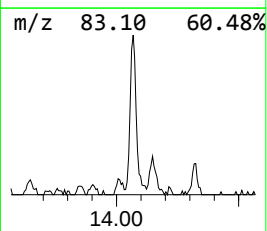
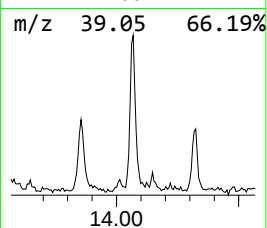
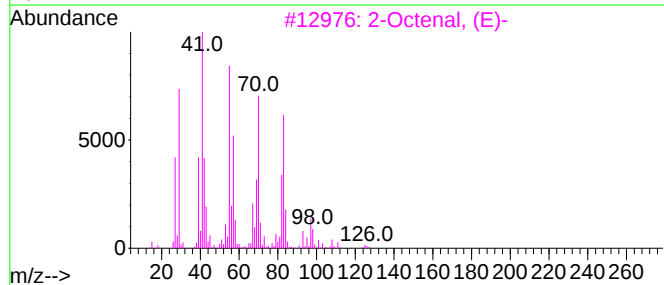
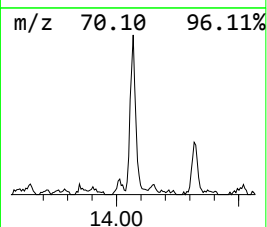
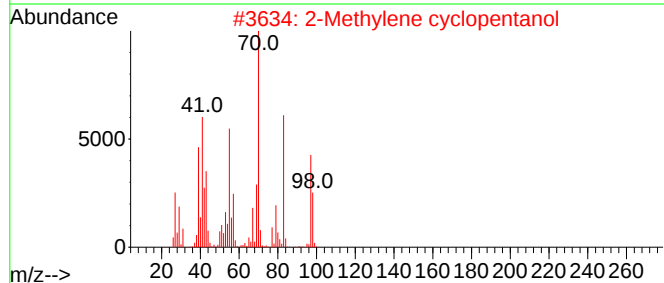
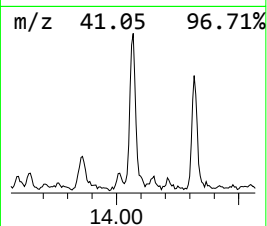
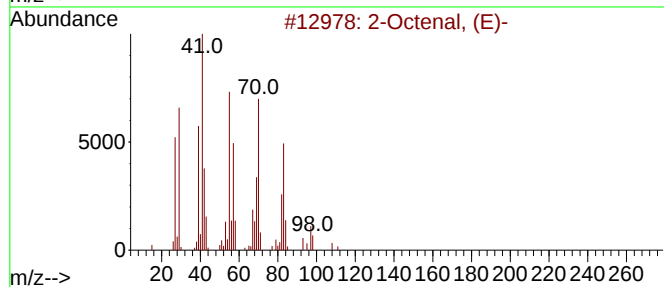
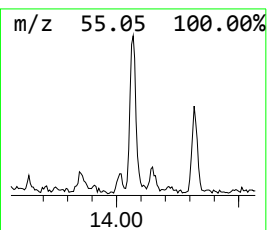
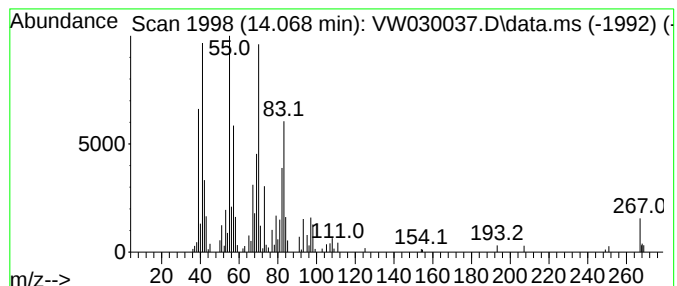
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Quant Title : SFAM01.0

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

Peak Number 18 2-Octenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	5.51 ug/L	87543	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octenal, (E)-	126	C8H14O	002548-87-0	80
2		2-Methylene cyclopentanol	98	C6H10O	020461-31-8	49
3		2-Octenal, (E)-	126	C8H14O	002548-87-0	47
4		5-Ethyl-1-nonene	154	C11H22	019780-74-6	45
5		2-Decenal, (Z)-	154	C10H18O	002497-25-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

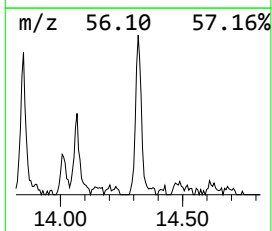
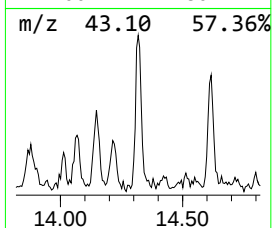
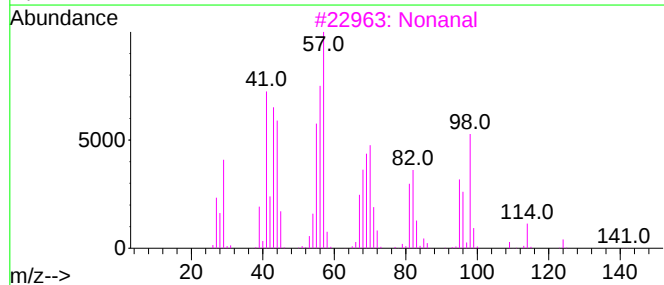
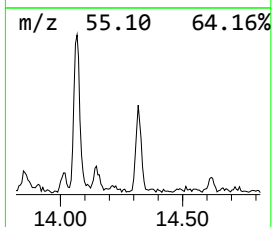
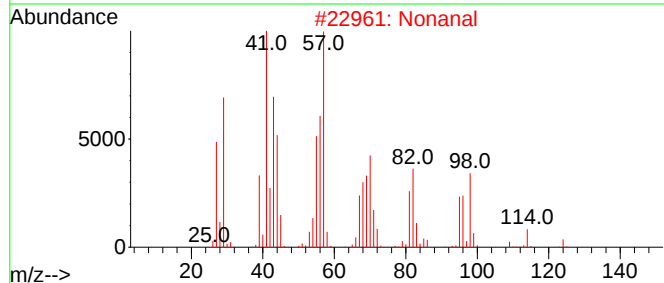
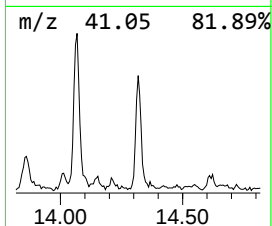
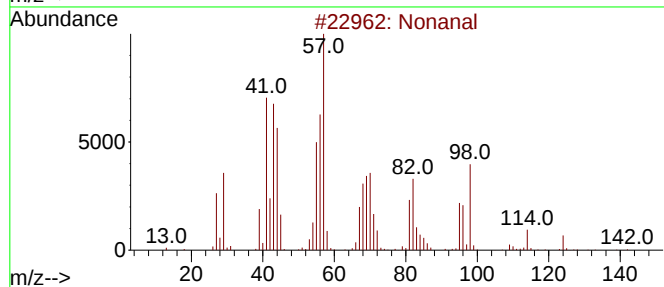
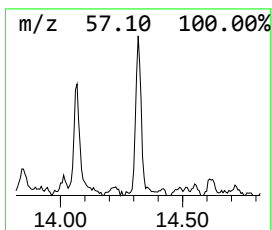
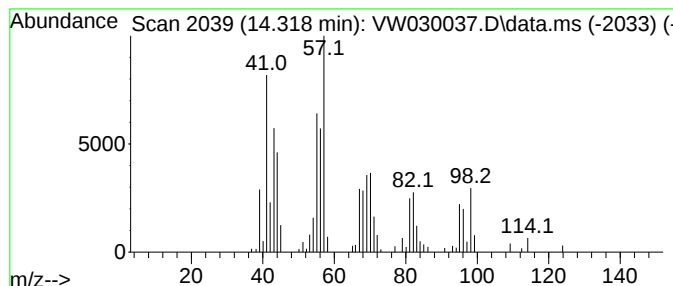
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Quant Title : SFAM01.0

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

Peak Number 19 Nonanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	3.51 ug/L	55810	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	59
5			2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

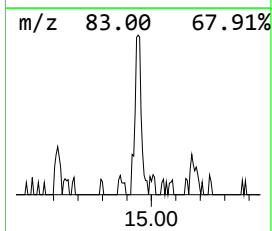
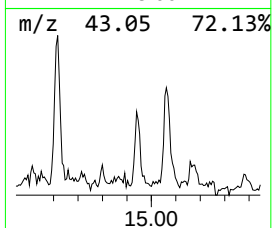
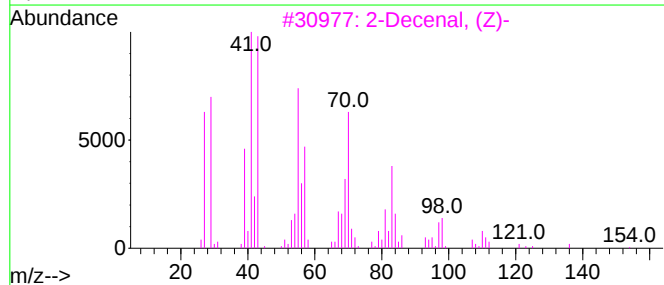
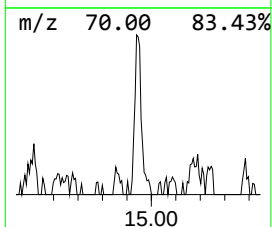
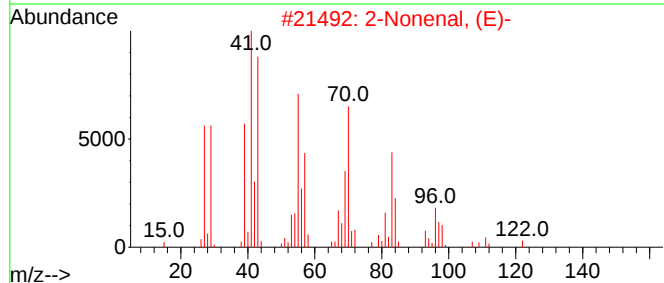
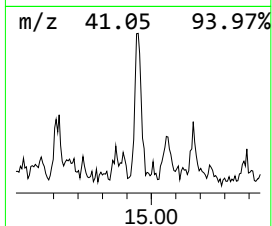
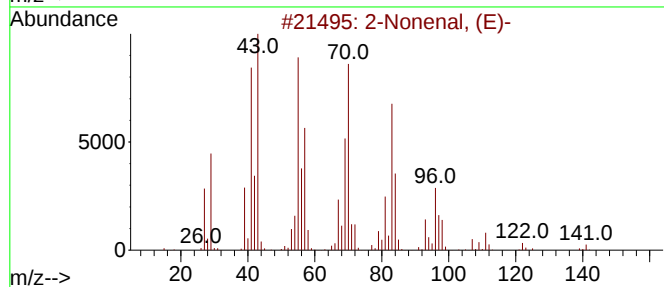
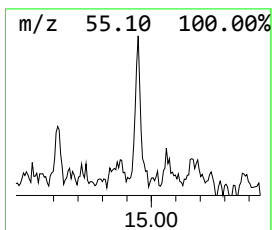
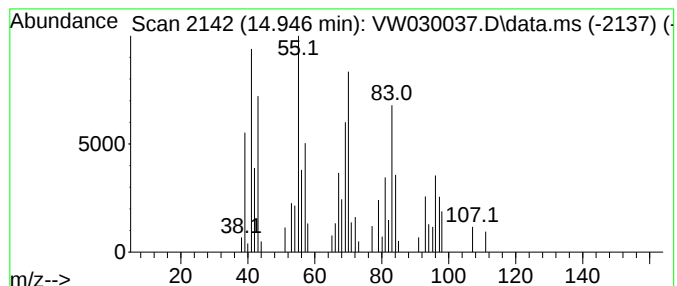
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Quant Title : SFAM01.0

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

Peak Number 20 2-Nonenal, (E)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	1.30 ug/L	20728	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-			140	C9H16O	018829-56-6	80
2	2-Nonenal, (E)-			140	C9H16O	018829-56-6	64
3	2-Decenal, (Z)-			154	C10H18O	002497-25-8	64
4	2-Decenal, (E)-			154	C10H18O	003913-81-3	59
5	2-Nonenal, (E)-			140	C9H16O	018829-56-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

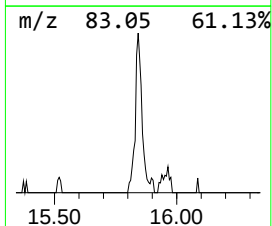
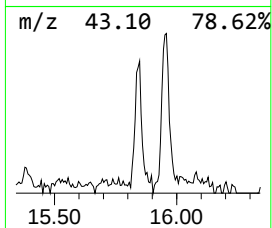
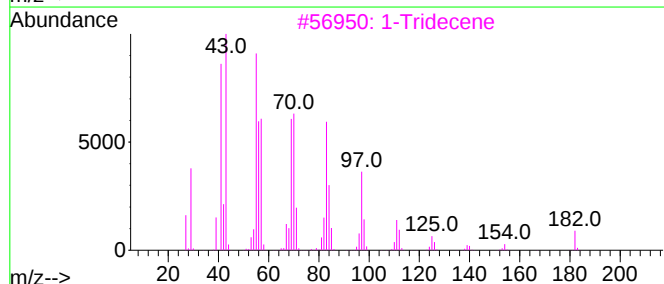
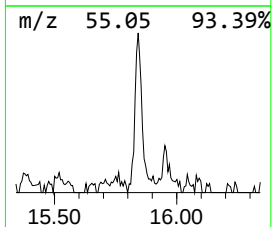
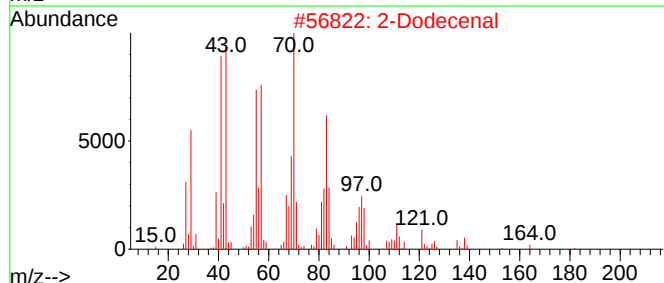
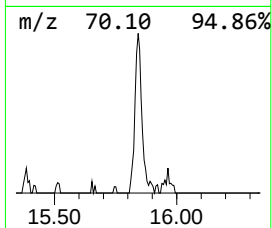
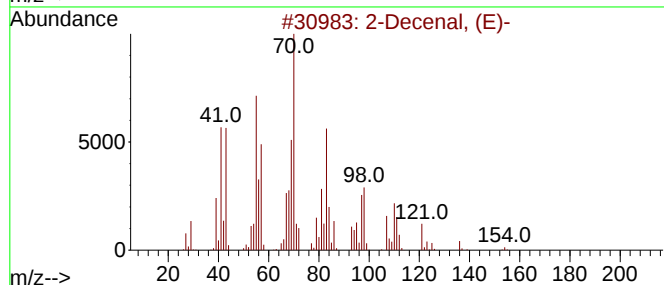
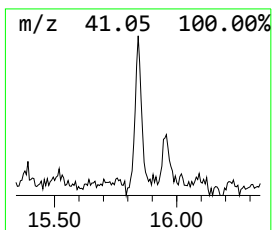
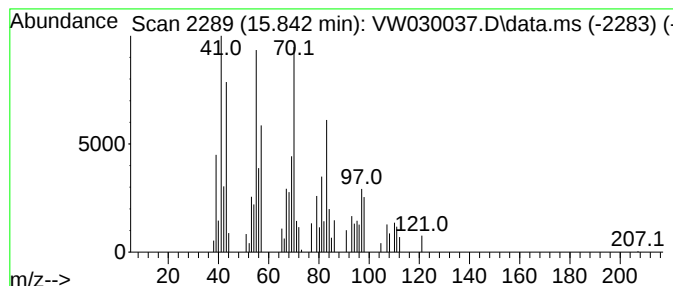
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Quant Title : SFAM01.0

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

Peak Number 21 2-Decenal, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	1.88 ug/L	29930	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Decenal, (E)-	154	C10H18O	003913-81-3	72
2		2-Dodecenal	182	C12H22O	004826-62-4	64
3		1-Tridecene	182	C13H26	002437-56-1	53
4		4-Undecene, 5-methyl-, (E)-	168	C12H24	041851-94-9	50
5		2-Methylene cyclopentanol	98	C6H10O	020461-31-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030037.D
Acq On : 27 Aug 2024 12:21
Operator : SY/MD
Sample : P3675-14
Misc : 3.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.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
unknown-01	2.503	1.8	ug/L	57582	1	8.843	786149	25.0
(DEL) Alkane: S...	3.393	2.5	ug/L	78520	1	8.843	786149	25.0
Butanal	6.898	2.9	ug/L	91794	1	8.843	786149	25.0
Butanal, 3-methyl-	8.551	1.7	ug/L	52948	1	8.843	786149	25.0
2-Butanone, 3-m...	8.703	4.2	ug/L	132075	1	8.843	786149	25.0
Pentanal	9.404	11.1	ug/L	348091	1	8.843	786149	25.0
Hexanal	11.068	44.6	ug/L	1252030	2	11.629	702069	25.0
Furfural	11.837	2.9	ug/L	82629	2	11.629	702069	25.0
1-Hexanol	12.013	1.4	ug/L	38935	2	11.629	702069	25.0
Heptanal	12.336	3.4	ug/L	95627	2	11.629	702069	25.0
2-Heptanone, 6-...	12.928	3.0	ug/L	48368	3	13.556	397382	25.0
2-Heptenal, (E)-	13.092	2.2	ug/L	35198	3	13.556	397382	25.0
unknown-02	13.153	4.4	ug/L	69630	3	13.556	397382	25.0
3-Octanone	13.208	9.8	ug/L	154974	3	13.556	397382	25.0
Octanal	13.391	5.7	ug/L	91066	3	13.556	397382	25.0
2-Octenal, (E)-	14.068	5.5	ug/L	87543	3	13.556	397382	25.0
Nonanal	14.318	3.5	ug/L	55810	3	13.556	397382	25.0
2-Nonenal, (E)-	14.946	1.3	ug/L	20728	3	13.556	397382	25.0
2-Decenal, (E)-	15.842	1.9	ug/L	29930	3	13.556	397382	25.0