

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030084.D
 Acq On : 28 Aug 2024 18:21
 Operator : SY/MD
 Sample : P3675-14RE
 Misc : 3.52g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXX5RE

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: VW030084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.155	39	44	45	rBV3	902	1334	0.15%	0.019%
2	2.174	45	47	51	rVV4	1437	1740	0.19%	0.025%
3	2.216	52	54	59	rVB5	597	836	0.09%	0.012%
4	2.363	70	78	94	rBV	38713	115893	12.79%	1.689%
5	2.497	95	100	109	rBV	13759	33347	3.68%	0.486%
6	2.893	158	165	182	rVB	29681	89186	9.84%	1.300%
7	3.302	227	232	237	rBV4	1832	3587	0.40%	0.052%
8	3.387	238	246	258	rVV	28068	65790	7.26%	0.959%
9	3.728	299	302	308	rVB6	891	1844	0.20%	0.027%
10	3.850	313	322	327	rBV2	757	2062	0.23%	0.030%
11	4.015	336	349	359	rBV2	71371	251643	27.77%	3.668%
12	4.119	359	366	382	rVV	89698	257355	28.40%	3.751%
13	4.277	385	392	402	rVB2	6383	21943	2.42%	0.320%
14	4.387	408	410	425	rVB2	4409	10419	1.15%	0.152%
15	4.673	447	457	471	rVV	19848	59954	6.62%	0.874%
16	4.917	487	497	519	rVB4	5698	24076	2.66%	0.351%
17	5.789	630	640	651	rBV4	2942	9550	1.05%	0.139%
18	5.941	656	665	676	rVB4	9117	27060	2.99%	0.394%
19	6.124	683	695	706	rVB5	1312	4754	0.52%	0.069%
20	6.612	769	775	776	rBV2	397	564	0.06%	0.008%
21	6.892	812	821	832	rBV3	18645	54926	6.06%	0.801%
22	6.978	832	835	837	rBV3	682	888	0.10%	0.013%
23	7.075	843	851	862	rBV2	23457	79111	8.73%	1.153%
24	7.173	863	867	881	rVB2	9389	24338	2.69%	0.355%
25	7.539	921	927	931	rBV5	550	1276	0.14%	0.019%
26	7.648	934	945	960	rBV	121451	297938	32.88%	4.343%
27	7.770	961	965	973	rVB5	846	1575	0.17%	0.023%
28	8.276	1037	1048	1064	rBV2	239643	710632	78.42%	10.359%
29	8.392	1064	1067	1074	rVB5	1026	1798	0.20%	0.026%
30	8.514	1079	1087	1088	rBV3	3411	6216	0.69%	0.091%
31	8.551	1088	1093	1099	rVB2	6406	12047	1.33%	0.176%
32	8.703	1109	1118	1128	rBV	32654	73567	8.12%	1.072%
33	8.837	1132	1140	1152	rVV	248977	508315	56.09%	7.410%
34	9.038	1167	1173	1174	rBV2	1025	1384	0.15%	0.020%
35	9.270	1203	1211	1222	rVV	168399	340271	37.55%	4.960%
36	9.404	1226	1233	1248	rVV	122122	228510	25.22%	3.331%

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Integrator: RTE

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Filtering: 5

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Stop Thrs : 0

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

37	9.551	1251	1257	1264	rVB3	4557	8675	0.96%	0.126%
38	9.947	1318	1322	1323	rBV	495	560	0.06%	0.008%
39	10.032	1325	1336	1346	rVV	76228	142632	15.74%	2.079%
40	10.148	1346	1355	1361	rVV8	1386	3572	0.39%	0.052%
41	10.319	1370	1383	1390	rBV	284885	535060	59.04%	7.799%
42	10.386	1390	1394	1401	rVB	10697	18794	2.07%	0.274%
43	10.502	1408	1413	1418	rVB2	3054	5541	0.61%	0.081%
44	10.575	1418	1425	1432	rBV	48056	85482	9.43%	1.246%
45	10.697	1440	1445	1448	rBV2	3498	5708	0.63%	0.083%
46	10.733	1448	1451	1462	rVB2	7569	13907	1.53%	0.203%
47	10.819	1462	1465	1467	rBV2	456	460	0.05%	0.007%
48	10.922	1475	1482	1496	rBV	91115	163059	17.99%	2.377%
49	11.069	1499	1506	1523	rVV	560312	906206	100.00%	13.210%
50	11.203	1523	1528	1538	rVB2	4295	9446	1.04%	0.138%
51	11.459	1566	1570	1577	rBV4	1178	2475	0.27%	0.036%
52	11.568	1580	1588	1591	rBV3	2305	4275	0.47%	0.062%
53	11.629	1591	1598	1606	rVV	239859	394674	43.55%	5.753%
54	11.733	1610	1615	1622	rVB4	2336	4967	0.55%	0.072%
55	11.831	1622	1631	1644	rBV	37710	79255	8.75%	1.155%
56	11.940	1644	1649	1655	rVV3	7721	13681	1.51%	0.199%
57	12.013	1655	1661	1671	rVB	20559	33642	3.71%	0.490%
58	12.233	1691	1697	1706	rVV2	7196	12154	1.34%	0.177%
59	12.337	1707	1714	1721	rBV	53794	87017	9.60%	1.268%
60	12.507	1737	1742	1750	rVB	15770	24904	2.75%	0.363%
61	12.599	1752	1757	1762	rBV2	5088	8041	0.89%	0.117%
62	12.690	1765	1772	1779	rBV	91043	145347	16.04%	2.119%
63	12.812	1788	1792	1796	rVB5	1003	1895	0.21%	0.028%
64	12.928	1800	1811	1820	rBV3	16511	36177	3.99%	0.527%
65	13.044	1825	1830	1832	rBV3	3068	4757	0.52%	0.069%
66	13.093	1832	1838	1843	rVV3	16156	30608	3.38%	0.446%
67	13.147	1843	1847	1852	rVV	17132	29036	3.20%	0.423%
68	13.208	1852	1857	1862	rVV	27098	43753	4.83%	0.638%
69	13.269	1863	1867	1879	rVB3	12414	29481	3.25%	0.430%
70	13.391	1881	1887	1894	rBV2	51314	79527	8.78%	1.159%
71	13.550	1907	1913	1924	rBV	106346	179441	19.80%	2.616%
72	13.641	1925	1928	1934	rVB4	2469	3856	0.43%	0.056%
73	13.708	1935	1939	1941	rBV3	813	1045	0.12%	0.015%
74	13.849	1955	1962	1975	rBV	96006	165785	18.29%	2.417%
75	14.013	1982	1989	1992	rBV4	5361	9270	1.02%	0.135%
76	14.068	1992	1998	2007	rVV2	36616	67330	7.43%	0.981%

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 Title : SFAM01.0

77	14.147	2008	2011	2015	rVV4	3094	4566	0.50%	0.067%
78	14.220	2018	2023	2031	rVB6	2074	4050	0.45%	0.059%
79	14.318	2033	2039	2046	rBV2	26656	43538	4.80%	0.635%
80	14.483	2062	2066	2068	rBV3	998	1507	0.17%	0.022%
81	14.519	2069	2072	2075	rVV4	1059	1291	0.14%	0.019%
82	14.556	2075	2078	2082	rVB4	595	760	0.08%	0.011%
83	14.617	2082	2088	2093	rBV4	3630	6046	0.67%	0.088%
84	14.665	2094	2096	2099	rVV2	855	895	0.10%	0.013%
85	14.714	2102	2104	2111	rVB5	1125	1571	0.17%	0.023%
86	14.800	2113	2118	2122	rBV7	525	822	0.09%	0.012%
87	14.854	2122	2127	2130	rBV4	1327	2907	0.32%	0.042%
88	14.946	2136	2142	2150	rBV2	10488	18613	2.05%	0.271%
89	15.074	2158	2163	2166	rBV4	1183	2552	0.28%	0.037%
90	15.171	2174	2179	2185	rVB4	2324	4094	0.45%	0.060%
91	15.239	2187	2190	2195	rVB3	1199	1805	0.20%	0.026%
92	15.385	2208	2214	2219	rBV5	1422	2658	0.29%	0.039%
93	15.476	2225	2229	2233	rVV	1988	3516	0.39%	0.051%
94	15.513	2233	2235	2238	rVB4	995	1116	0.12%	0.016%
95	15.751	2269	2274	2275	rBV4	503	603	0.07%	0.009%
96	15.842	2282	2289	2298	rBV3	13447	26443	2.92%	0.385%
97	15.958	2301	2308	2314	rVV4	5240	11491	1.27%	0.168%
98	16.007	2314	2316	2318	rVV2	535	614	0.07%	0.009%
99	16.086	2326	2329	2332	rVB3	614	925	0.10%	0.013%
100	16.141	2332	2338	2340	rVB3	452	639	0.07%	0.009%

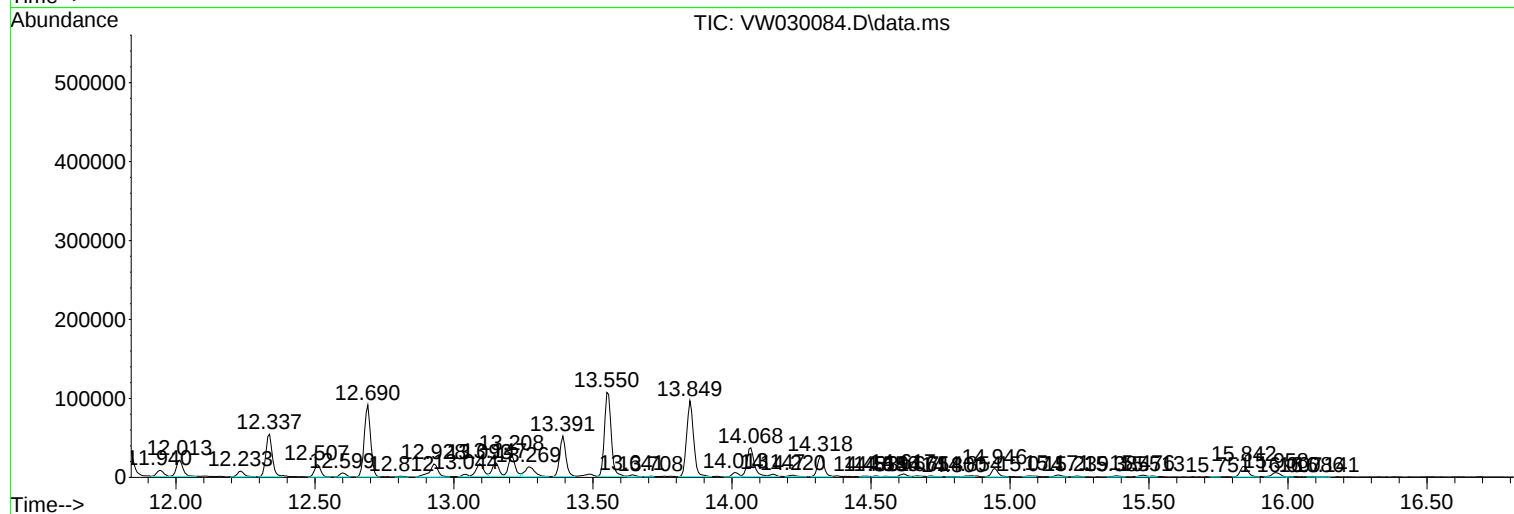
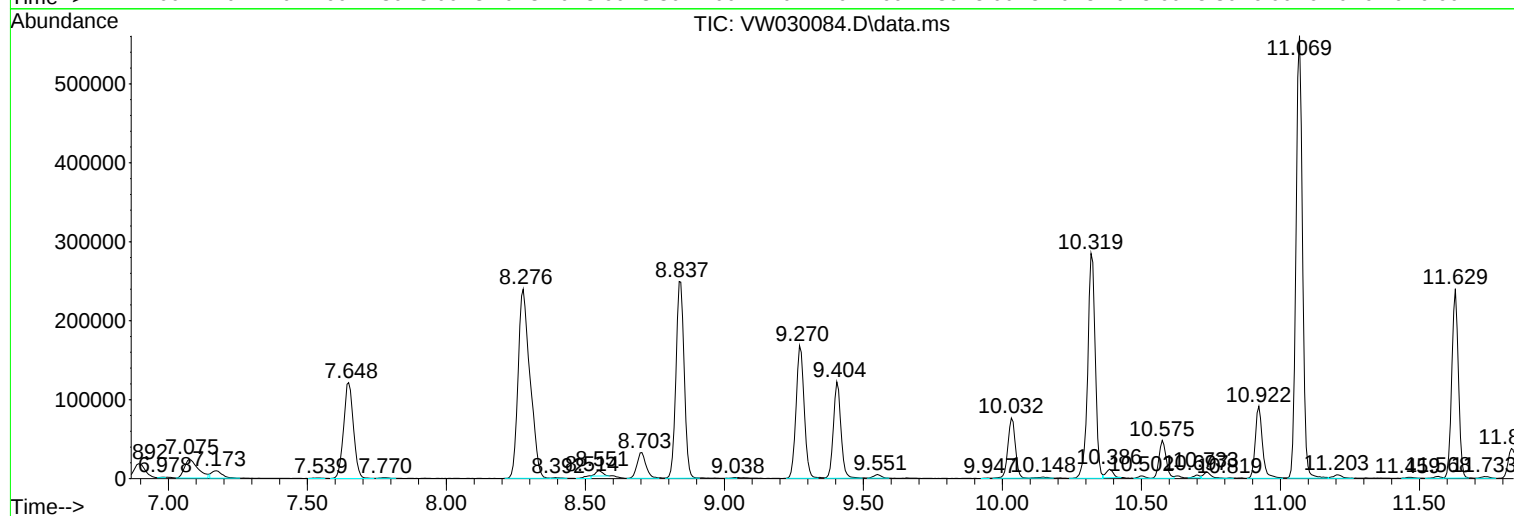
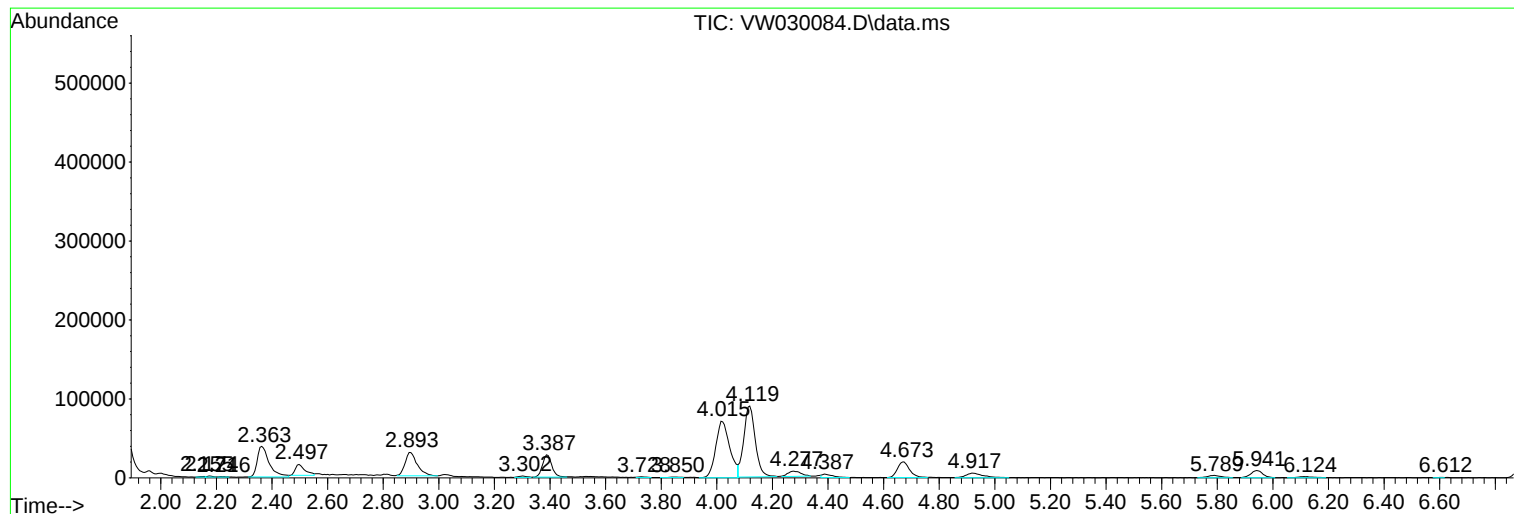
Sum of corrected areas: 6860246

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
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DCXX5RE

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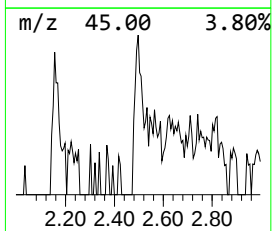
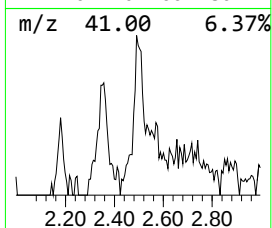
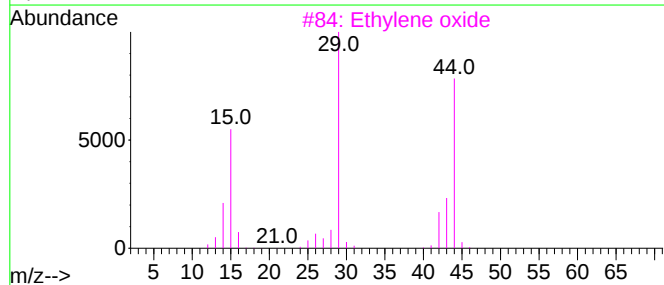
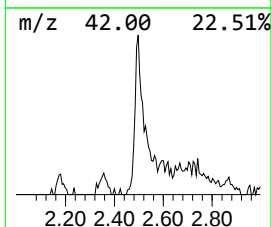
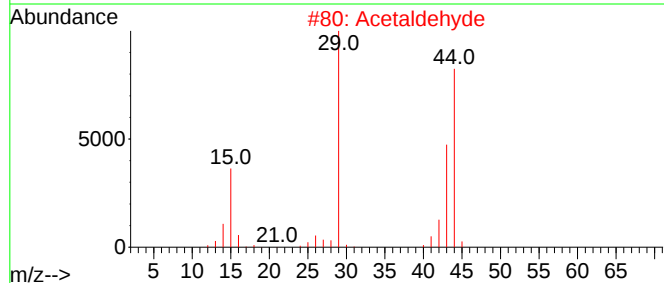
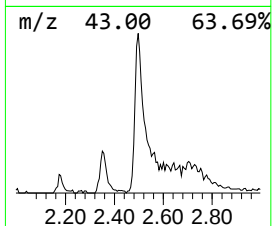
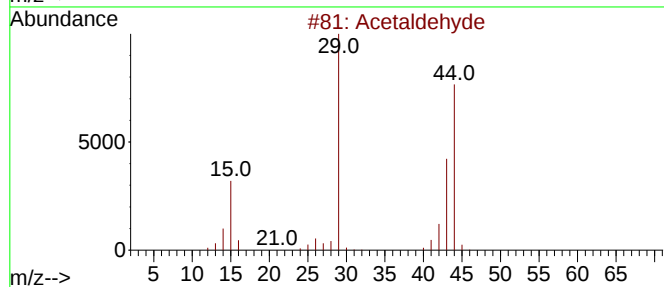
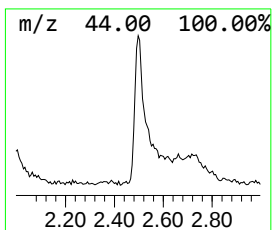
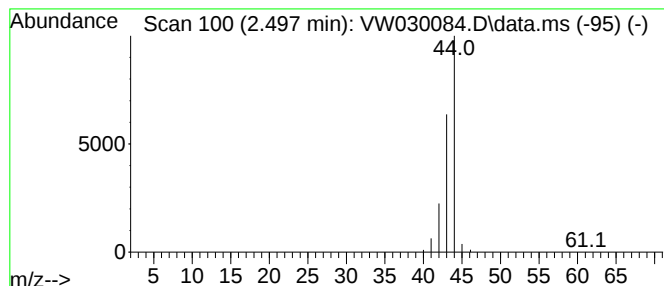
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.497	1.64 ug/L	33347	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	9
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Alanine	89	C3H7NO2	000056-41-7	9
5			Ethylene oxide	44	C2H4O	000075-21-8	7



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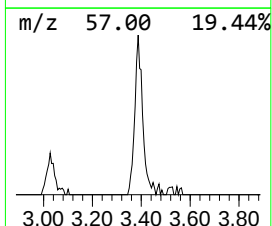
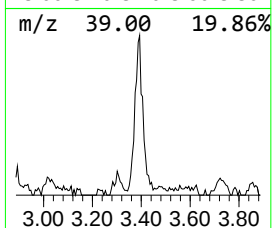
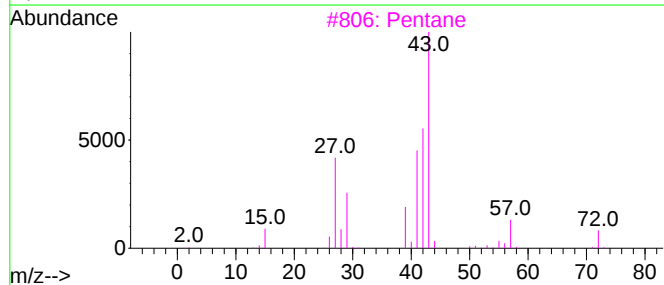
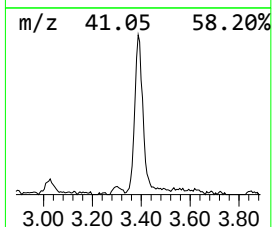
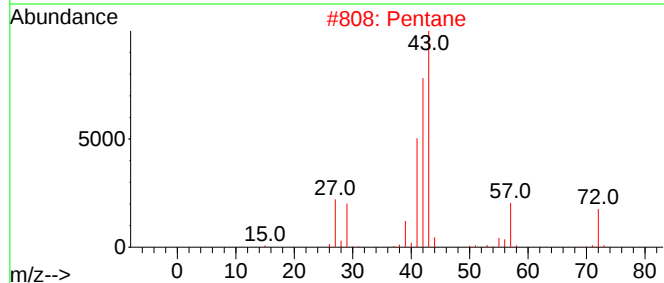
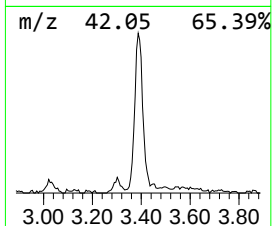
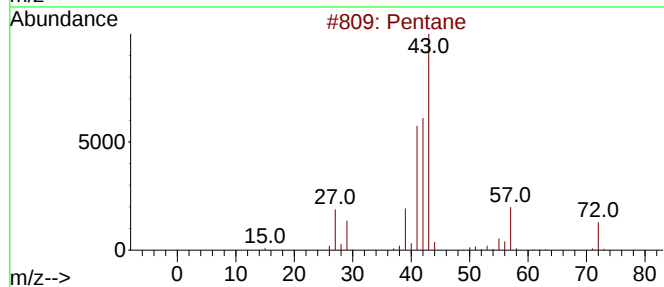
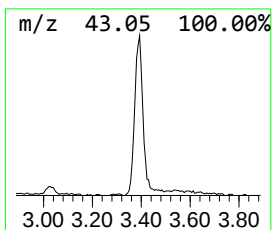
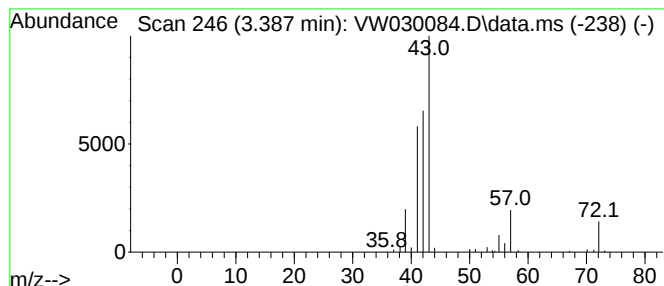
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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.
3.387	3.24 ug/L	65790	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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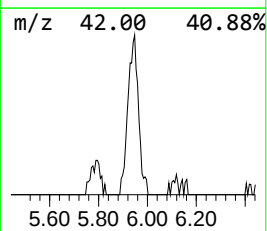
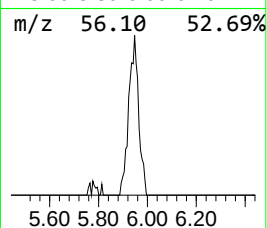
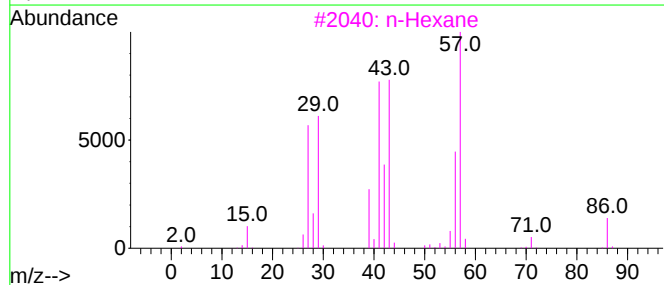
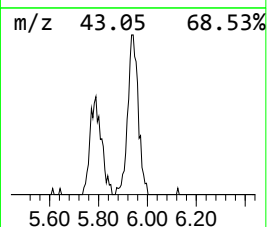
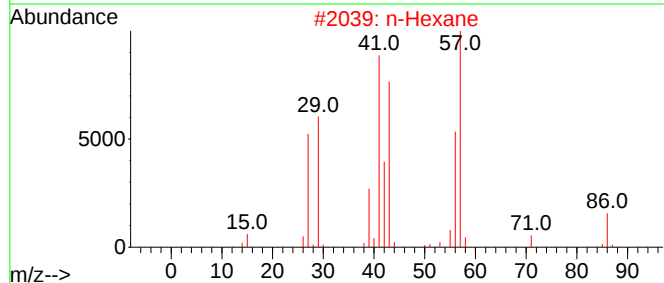
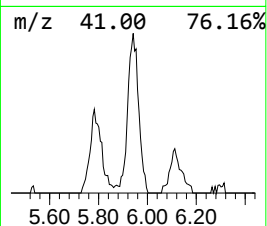
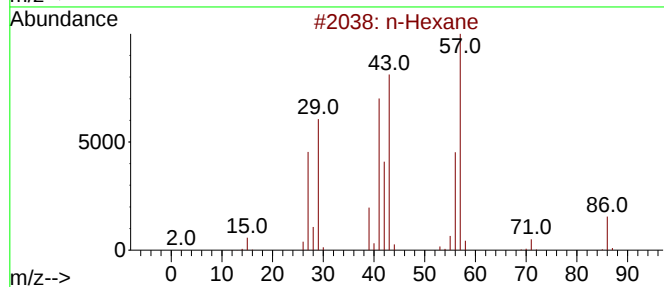
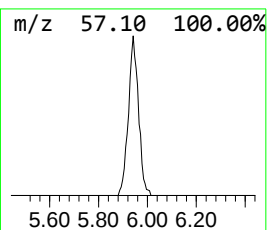
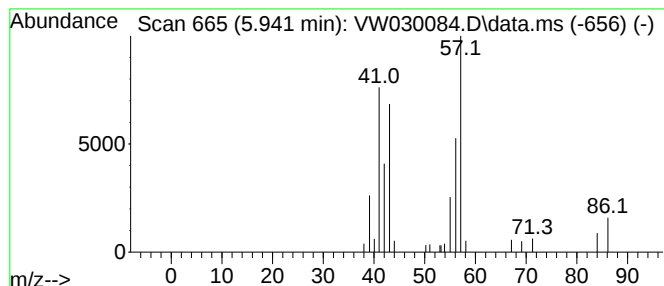
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.33 ug/L	27060	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	86
2	n-Hexane			86	C6H14	000110-54-3	86
3	n-Hexane			86	C6H14	000110-54-3	86
4	n-Hexane			86	C6H14	000110-54-3	49
5	Butane, 1-chloro-2-methyl-			106	C5H11Cl	000616-13-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

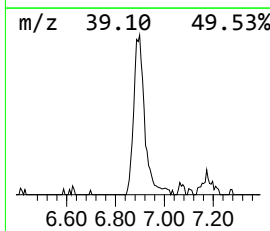
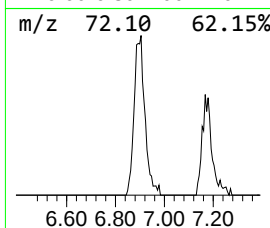
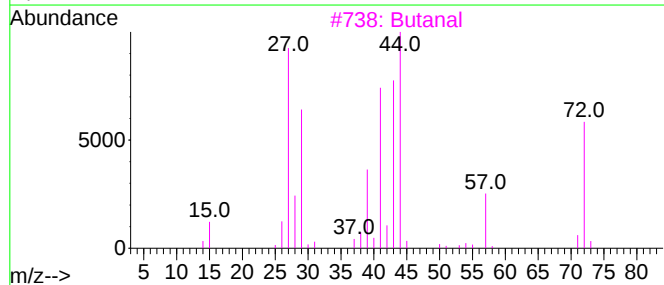
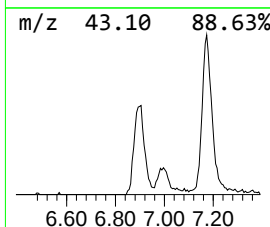
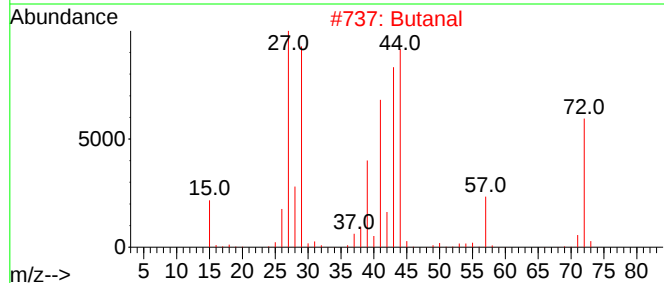
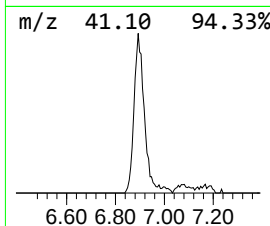
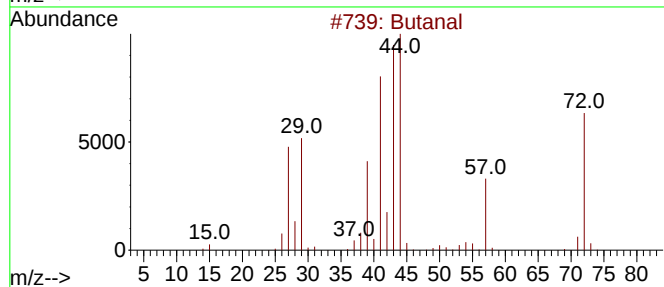
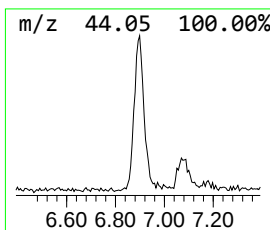
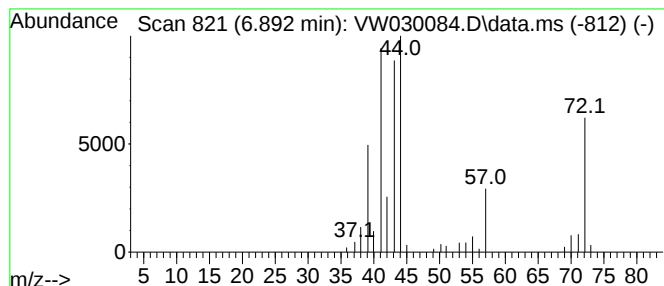
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Quant Title : SFAM01.0

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

Peak Number 4 Butanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.892	2.70 ug/L	54926	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	87
3	Butanal			72	C4H8O	000123-72-8	68
4	Butanal			72	C4H8O	000123-72-8	58
5	Butanal			72	C4H8O	000123-72-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

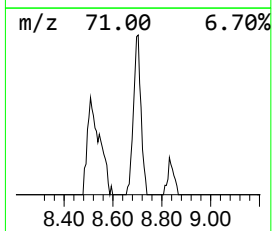
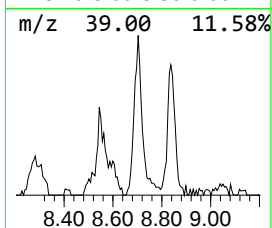
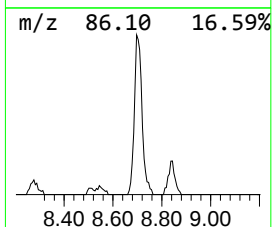
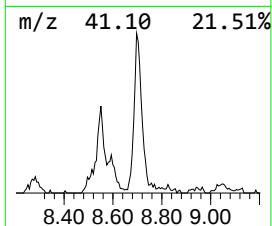
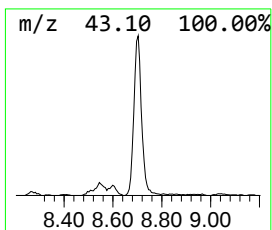
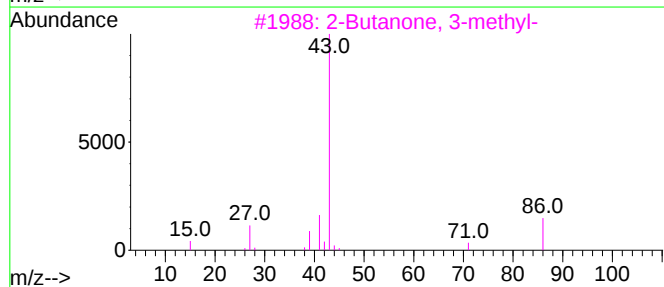
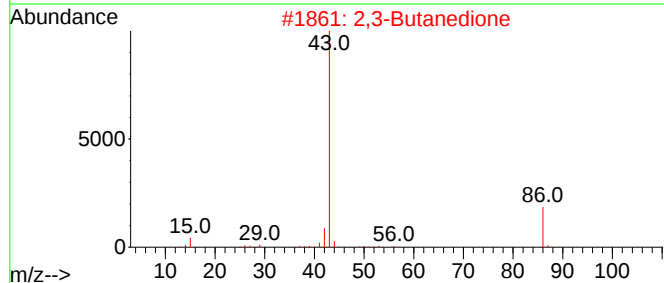
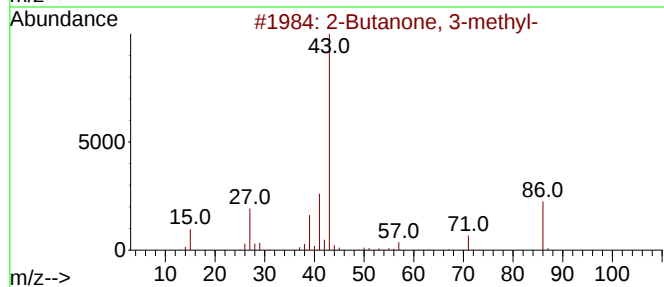
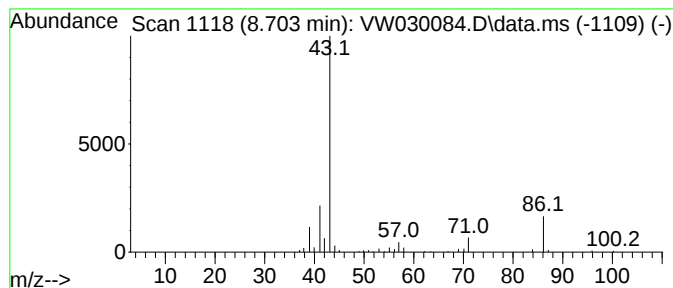
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Quant Title : SFAM01.0

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

Peak Number 5 2-Butanone, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	3.62 ug/L	73567	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	2,3-Butanedione			86	C4H6O2	000431-03-8	58
3	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
4	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
5	2-Pentanone			86	C5H10O	000107-87-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

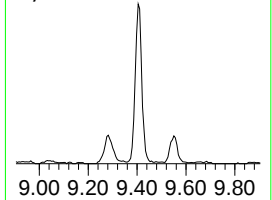
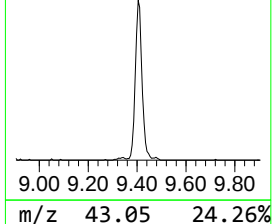
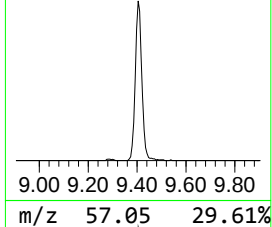
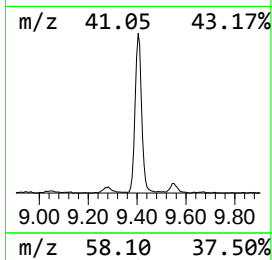
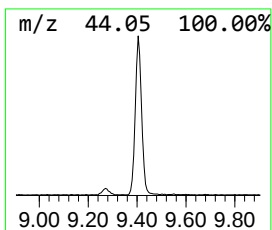
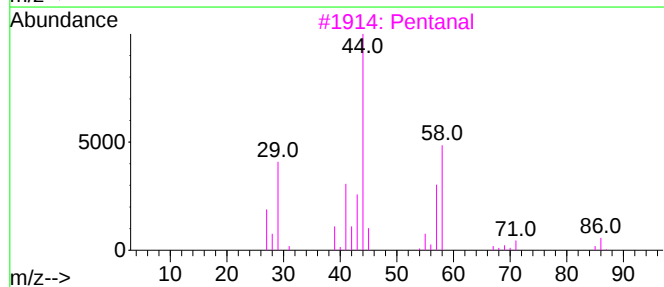
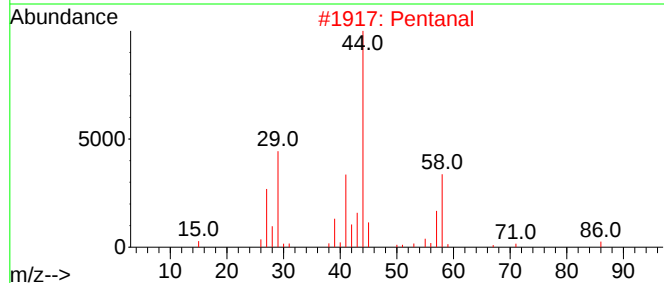
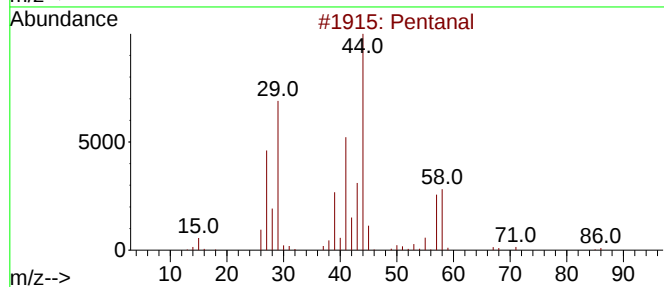
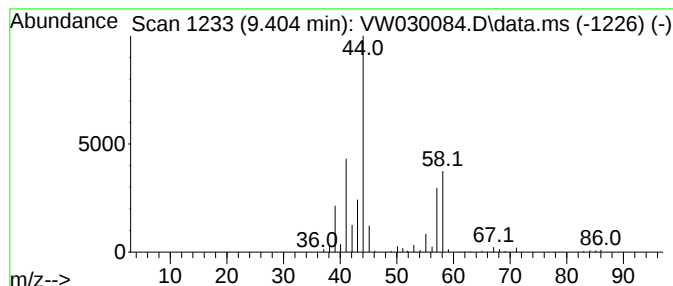
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Quant Title : SFAM01.0

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	11.24 ug/L	228510	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	Pentanal			86	C5H10O	000110-62-3	64
4	Pentanal			86	C5H10O	000110-62-3	52
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

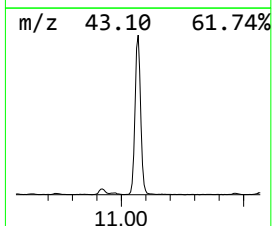
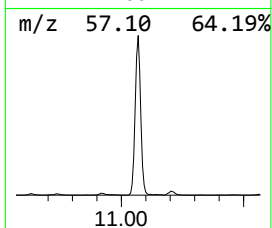
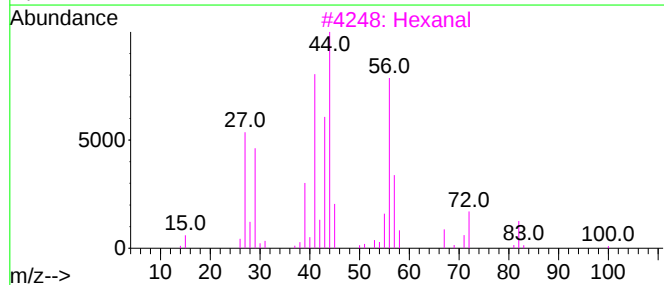
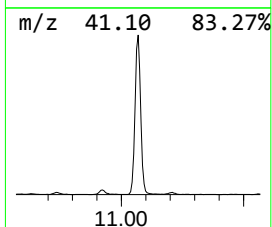
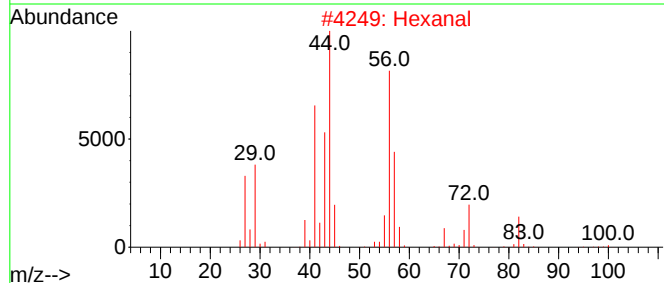
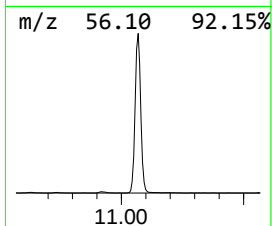
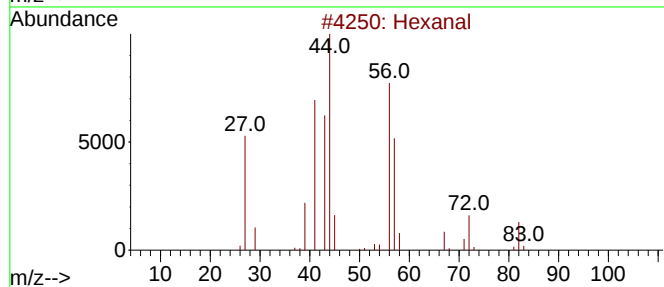
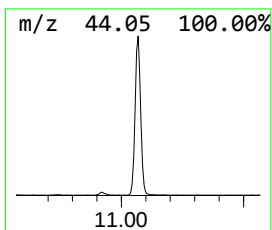
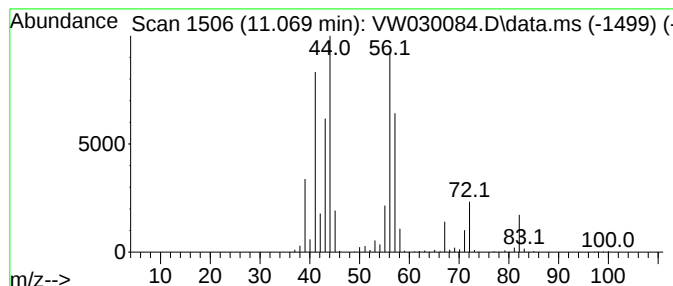
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Quant Title : SFAM01.0

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.
11.069	57.40 ug/L	906206	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	90
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	90
4	Hexanal			100	C6H12O	000066-25-1	90
5	Hexanal			100	C6H12O	000066-25-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

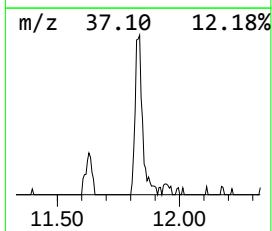
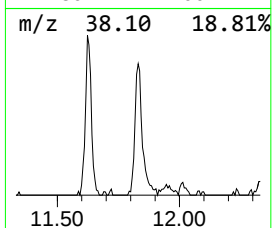
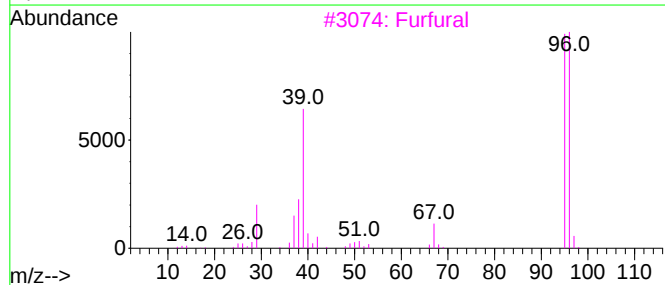
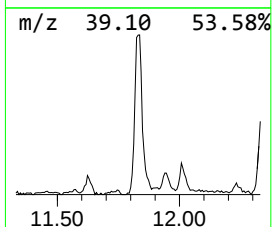
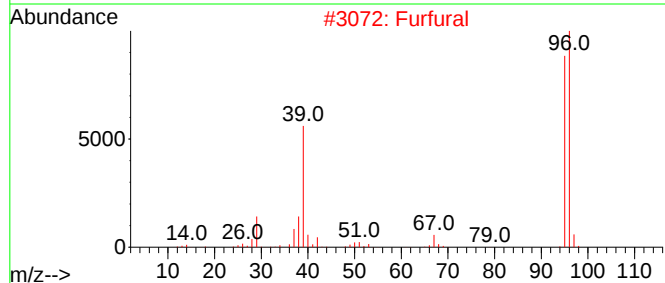
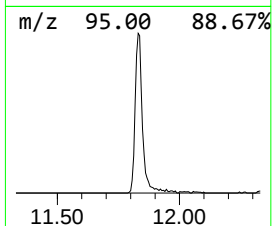
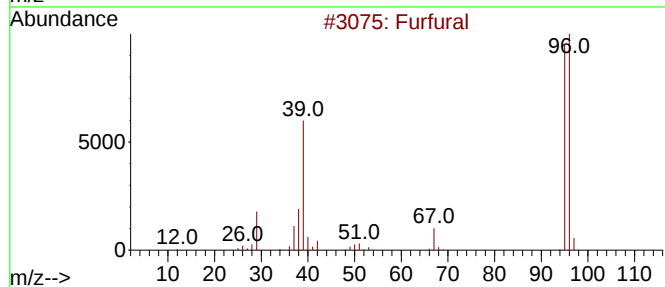
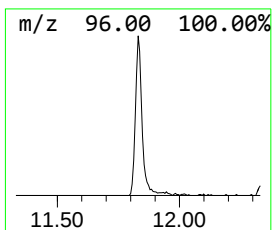
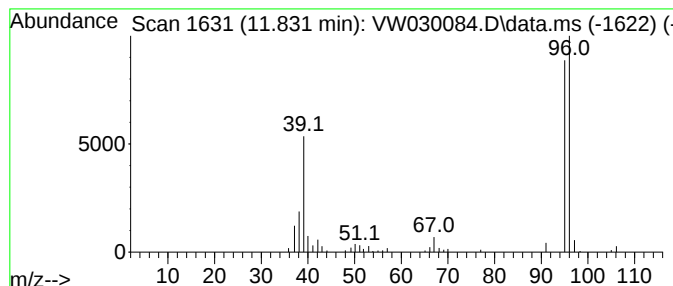
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Quant Title : SFAM01.0

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

Peak Number 9 Furfural Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.831	5.02 ug/L	79255	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	95
2	Furfural			96	C5H4O2	000098-01-1	95
3	Furfural			96	C5H4O2	000098-01-1	95
4	Furfural			96	C5H4O2	000098-01-1	91
5	2H-Pyran-2-one			96	C5H4O2	000504-31-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

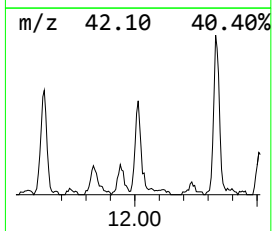
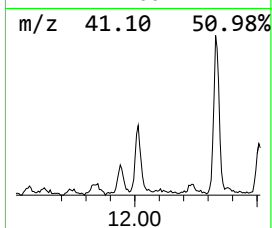
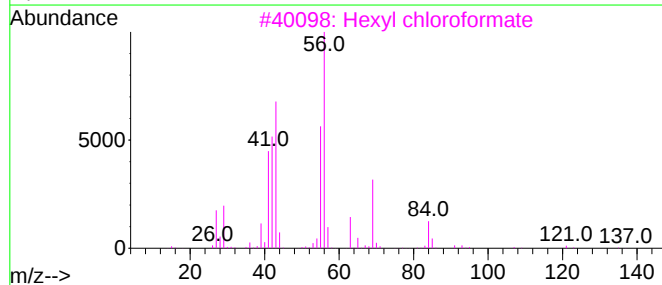
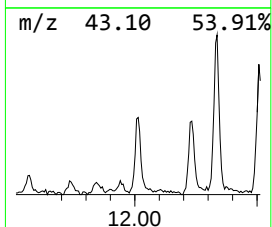
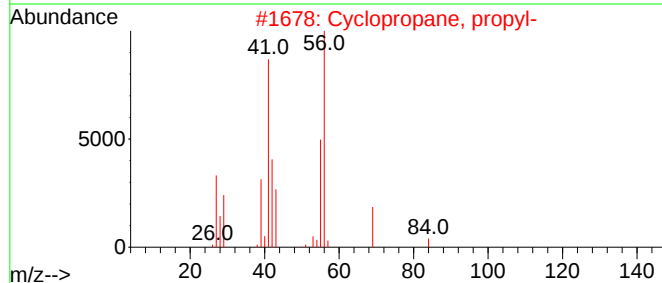
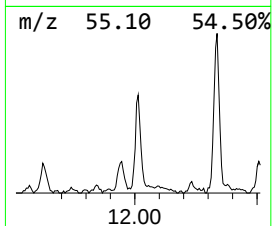
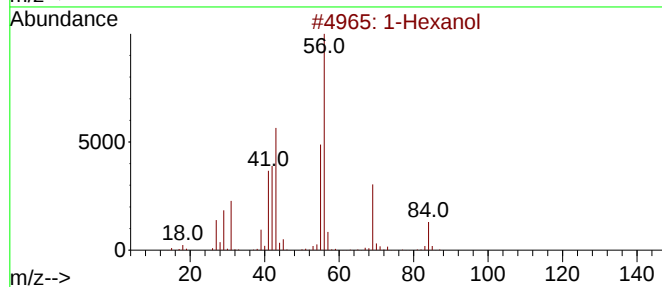
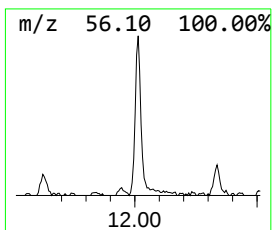
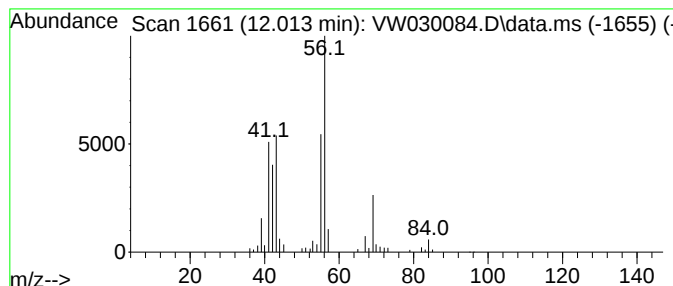
Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

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 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.014	2.13 ug/L	33642	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexanol		102	C6H14O	000111-27-3	83
2	Cyclopropane, propyl-		84	C6H12	002415-72-7	80
3	Hexyl chloroformate		164	C7H13ClO2	006092-54-2	78
4	1-Hexanol		102	C6H14O	000111-27-3	78
5	1-Hexanol		102	C6H14O	000111-27-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

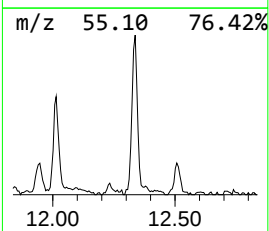
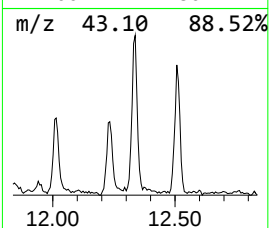
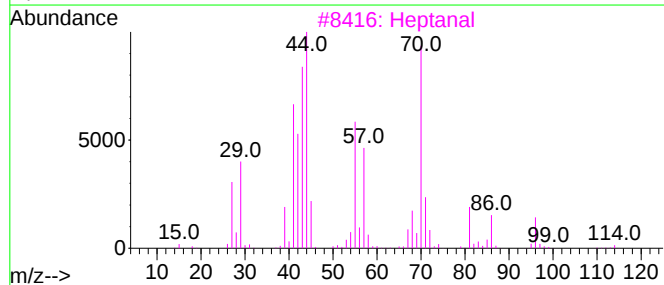
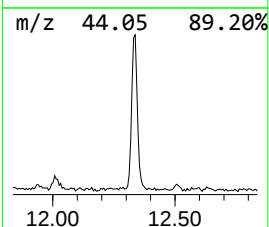
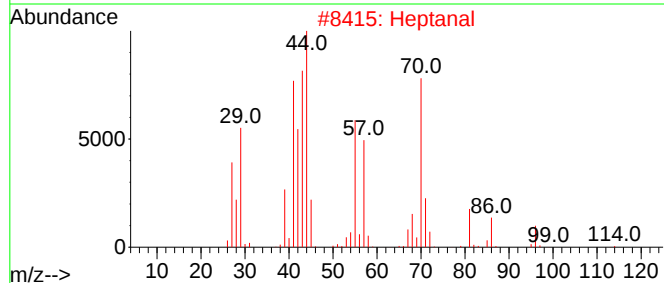
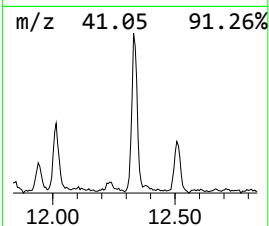
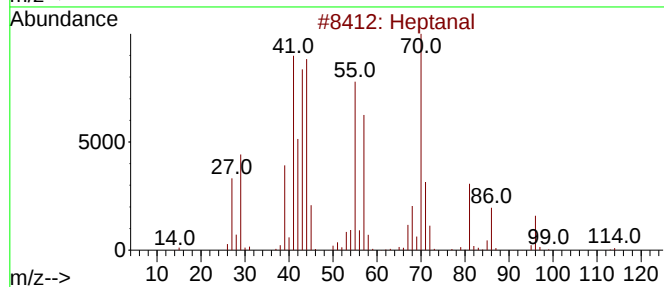
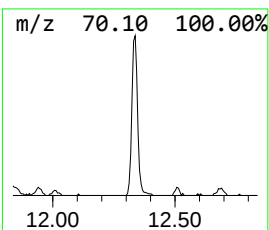
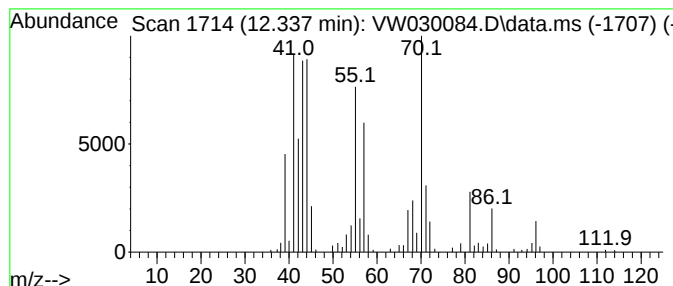
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Quant Title : SFAM01.0

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

Peak Number 11 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	5.51 ug/L	87017	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	96
2	Heptanal			114	C7H14O	000111-71-7	87
3	Heptanal			114	C7H14O	000111-71-7	78
4	Heptanal			114	C7H14O	000111-71-7	78
5	Heptanal			114	C7H14O	000111-71-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

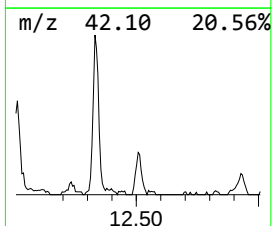
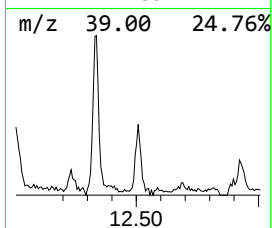
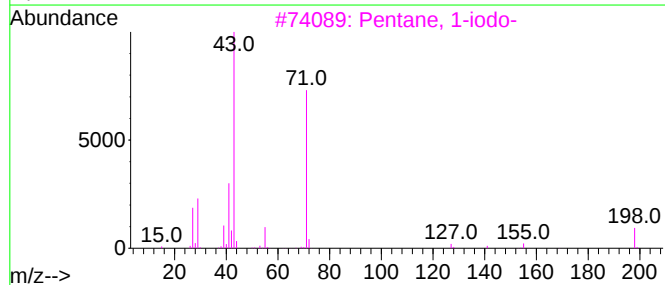
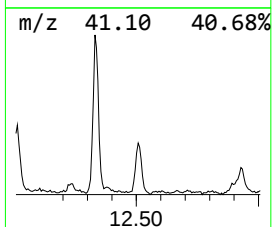
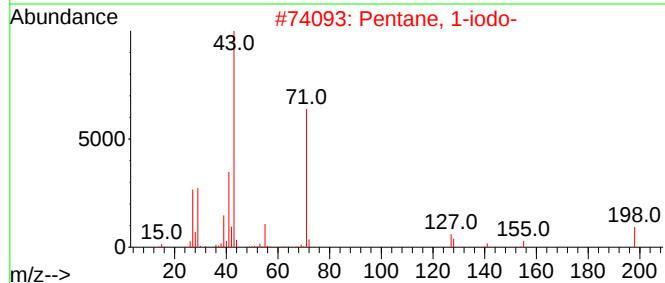
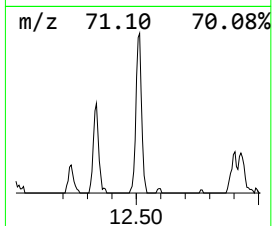
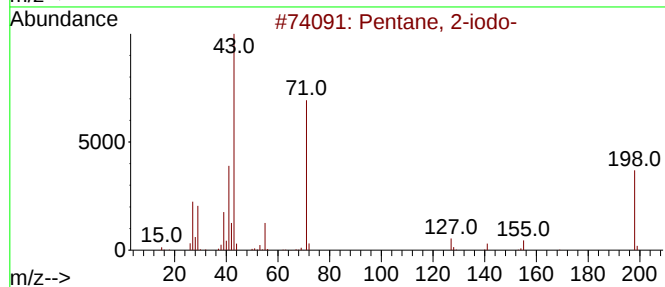
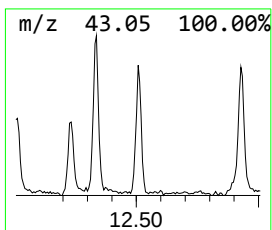
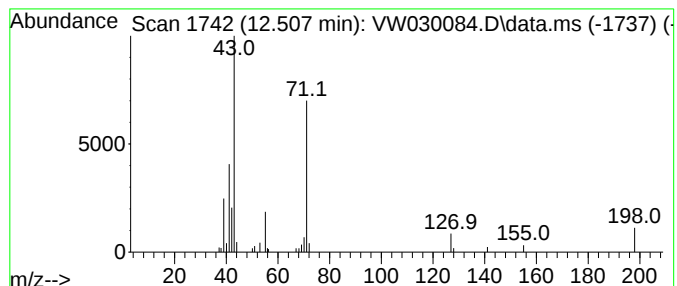
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Quant Title : SFAM01.0

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

Peak Number 12 Pentane, 2-iodo- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.507	1.58 ug/L	24904	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-iodo-	198	C5H11I	000637-97-8	83
2			Pentane, 1-iodo-	198	C5H11I	000628-17-1	80
3			Pentane, 1-iodo-	198	C5H11I	000628-17-1	64
4			Pentane, 1-iodo-	198	C5H11I	000628-17-1	59
5			Butane, 1-iodo-3-methyl-	198	C5H11I	000541-28-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

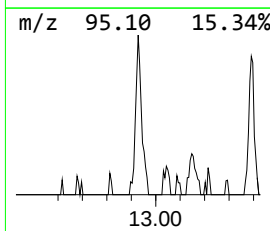
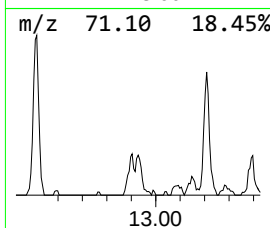
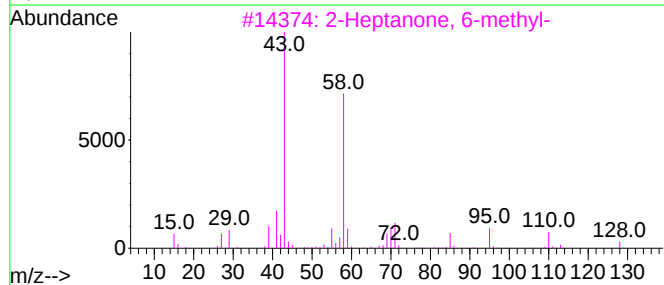
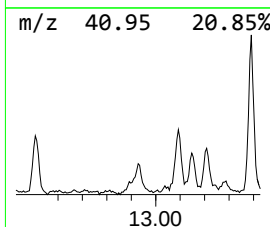
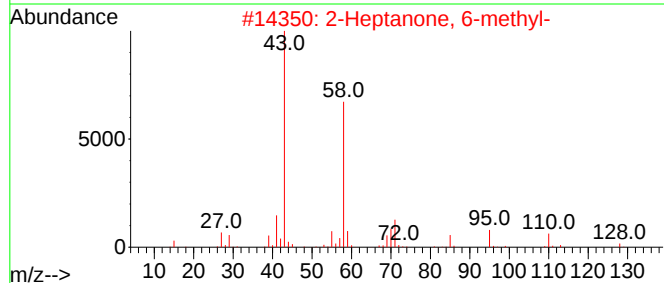
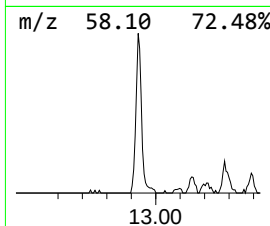
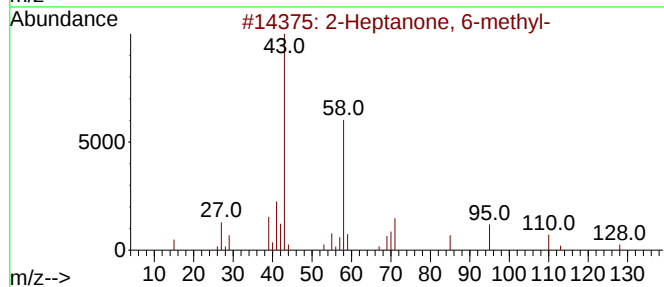
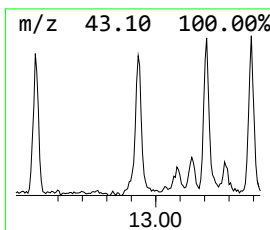
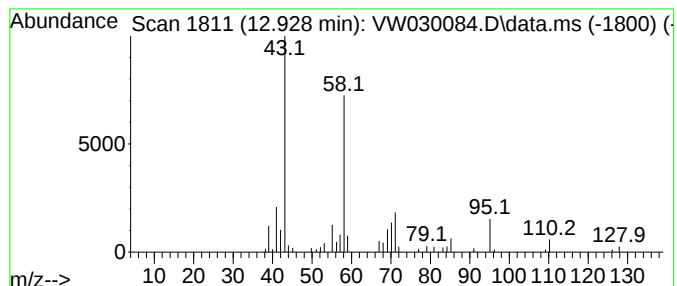
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Quant Title : SFAM01.0

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

Peak Number 13 2-Heptanone, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	5.04 ug/L	36177	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	91
3		2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
4		2-Octanone	128	C8H16O	000111-13-7	42
5		2-Octanone	128	C8H16O	000111-13-7	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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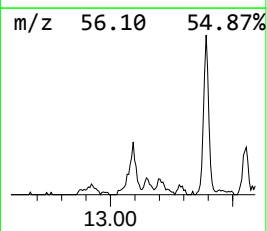
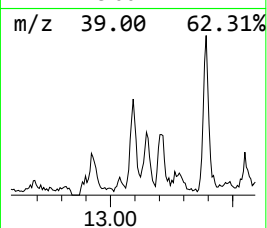
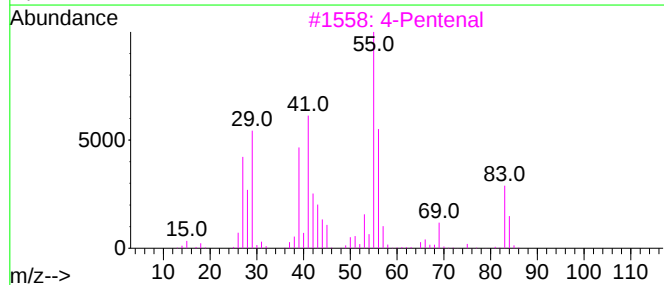
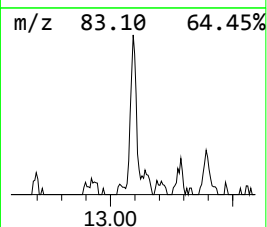
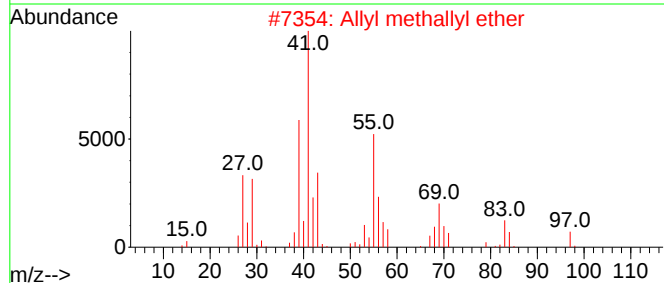
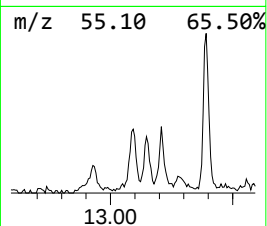
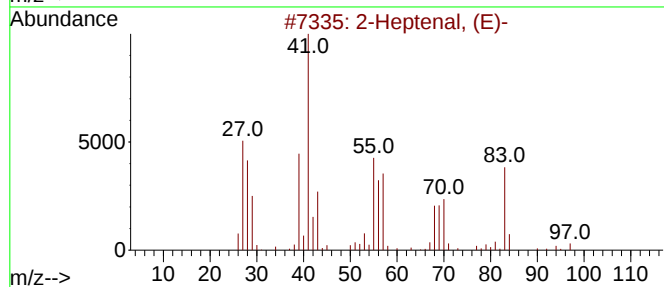
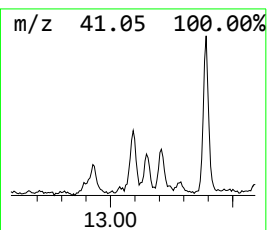
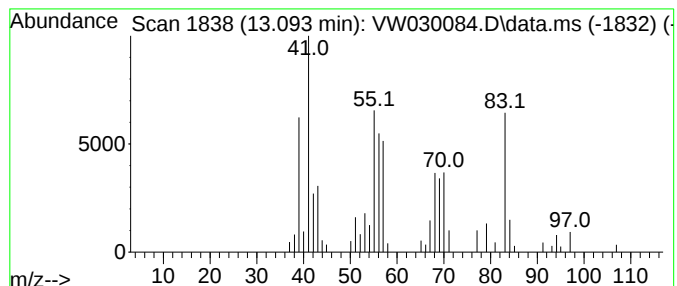
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Quant Title : SFAM01.0

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

Peak Number 14 2-Heptenal, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.093	4.26 ug/L	30608	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Heptenal, (E)-	112	C7H12O	018829-55-5	53
2		Allyl methallyl ether	112	C7H12O	014289-96-4	47
3		4-Pentenal	84	C5H8O	002100-17-6	47
4		1-Nonanol	144	C9H20O	000143-08-8	43
5		1-Nonanol	144	C9H20O	000143-08-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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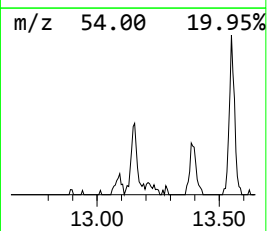
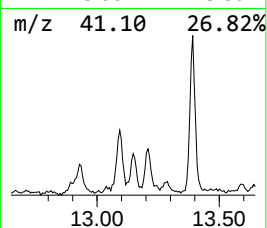
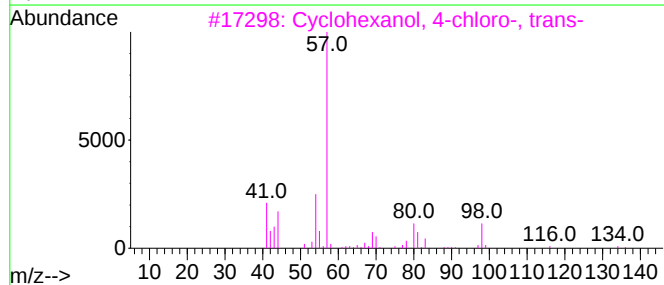
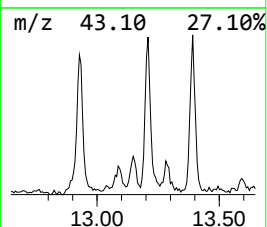
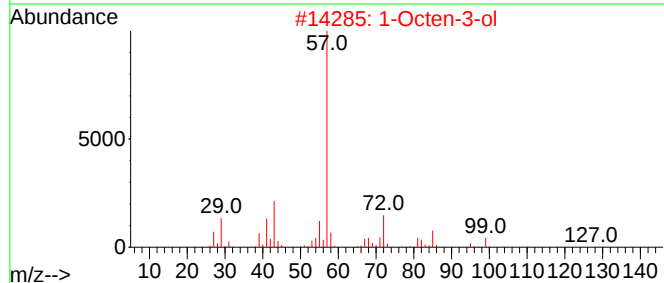
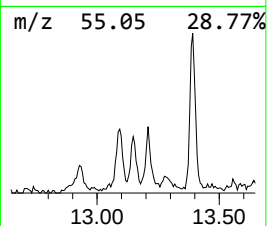
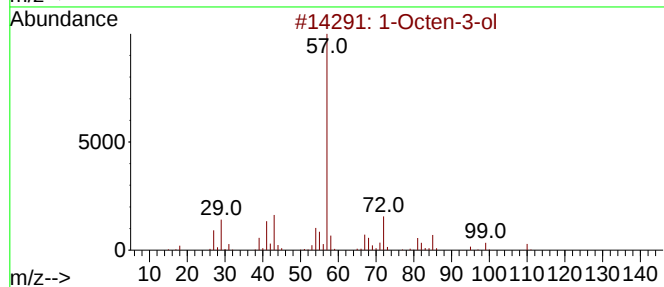
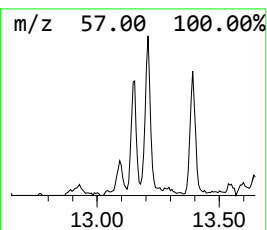
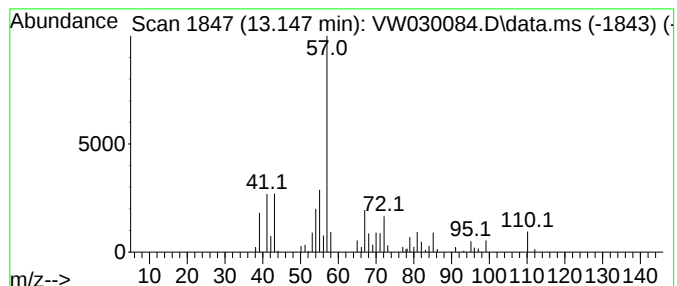
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.147	4.05 ug/L	29036	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	47
2			1-Octen-3-ol	128	C8H16O	003391-86-4	43
3			Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	37
4			1-Octen-3-ol	128	C8H16O	003391-86-4	35
5			6-Oxa-bicyclo[3.1.0]hexan-3-ol	100	C5H8O2	025494-14-8	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

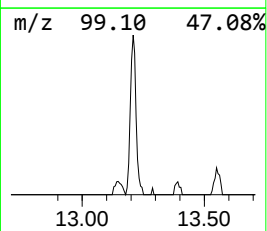
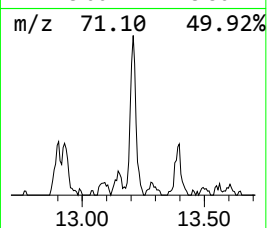
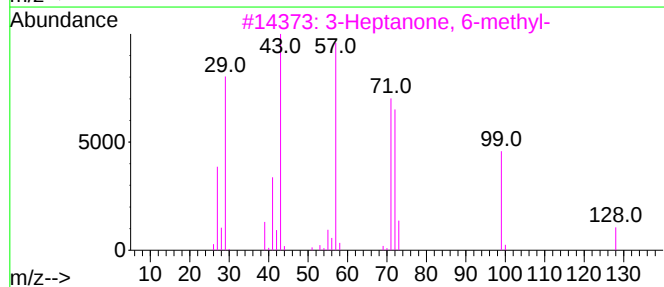
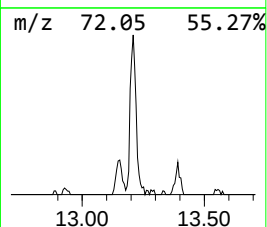
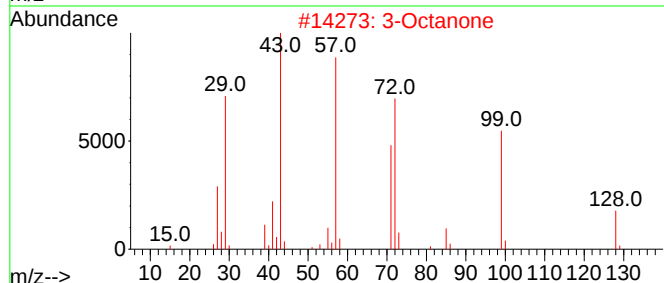
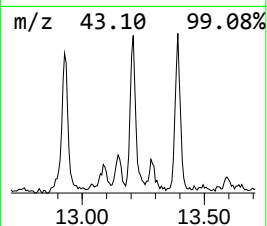
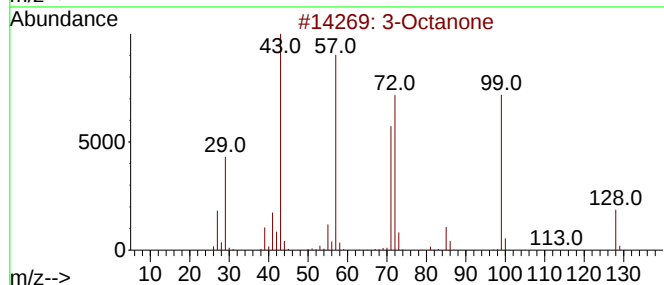
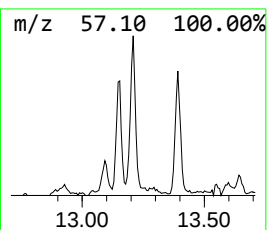
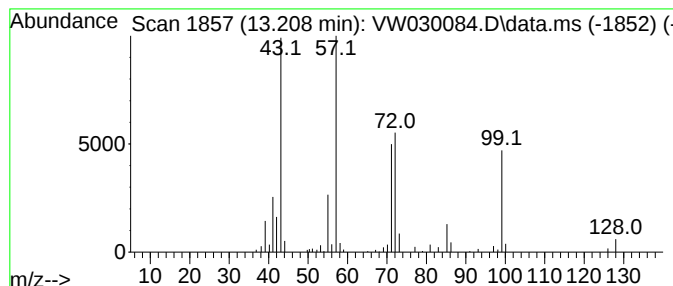
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Quant Title : SFAM01.0

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

Peak Number 16 3-Octanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	6.10 ug/L	43753	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	83
2			3-Octanone	128	C8H16O	000106-68-3	83
3			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	53
4			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	50
5			n-Caproic acid vinyl ester	142	C8H14O2	003050-69-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

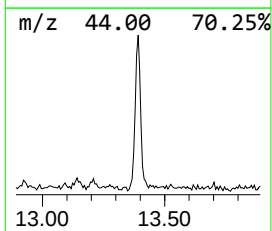
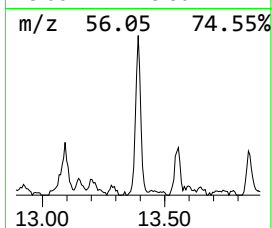
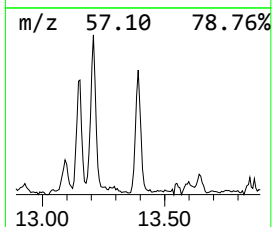
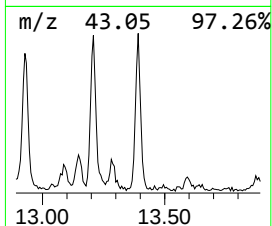
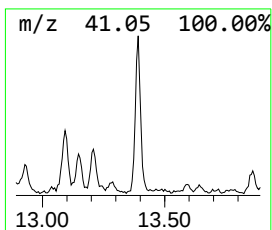
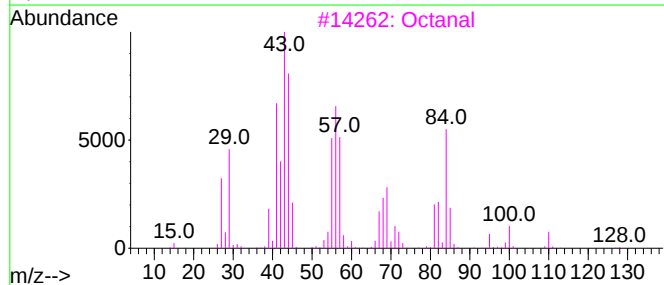
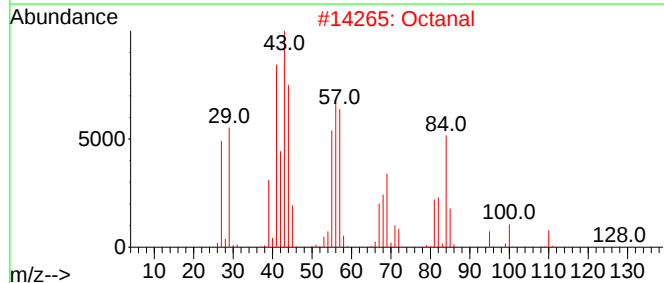
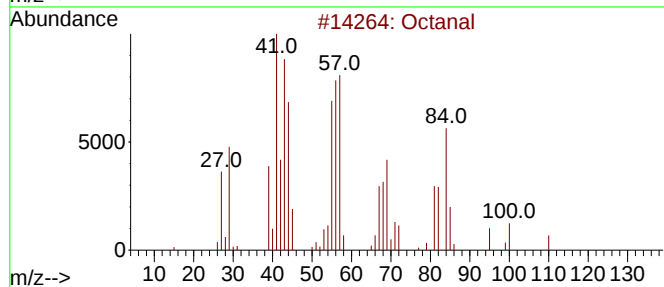
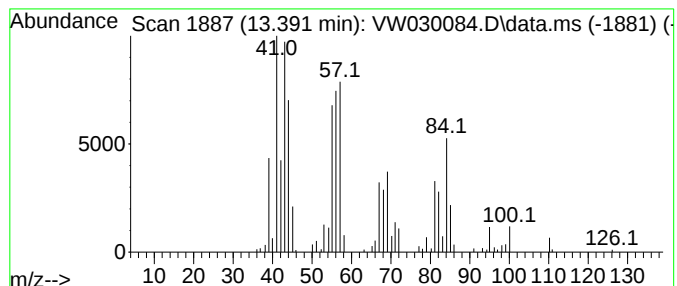
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Quant Title : SFAM01.0

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

Peak Number 18 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	11.08 ug/L	79527	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	90
4	Octanal			128	C8H16O	000124-13-0	78
5	Tetrahydro-2H-pyran-4-amine			101	C5H11NO	038041-19-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

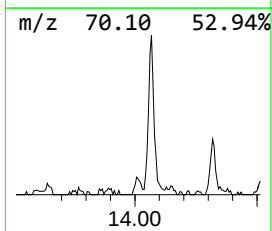
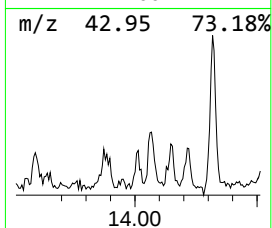
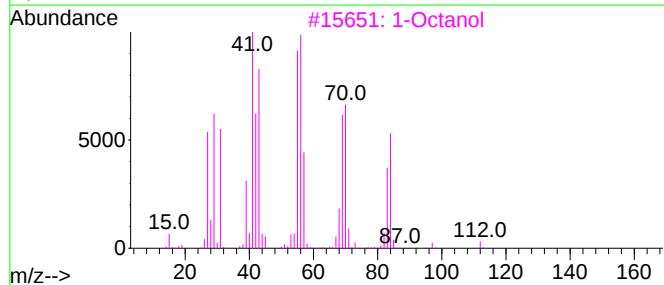
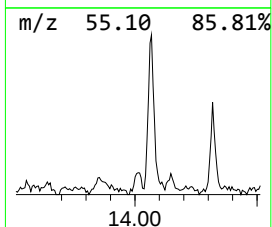
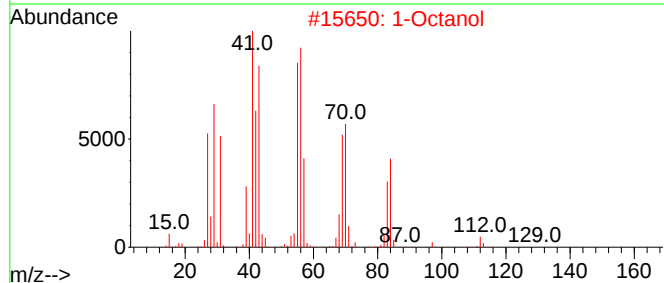
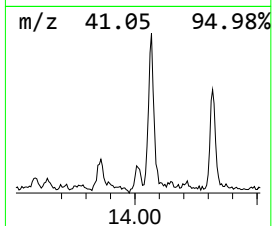
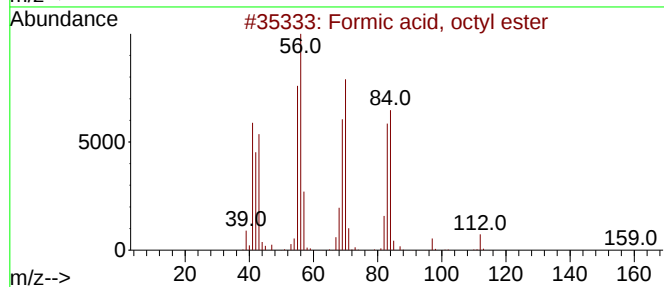
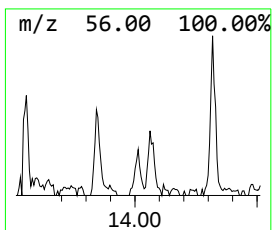
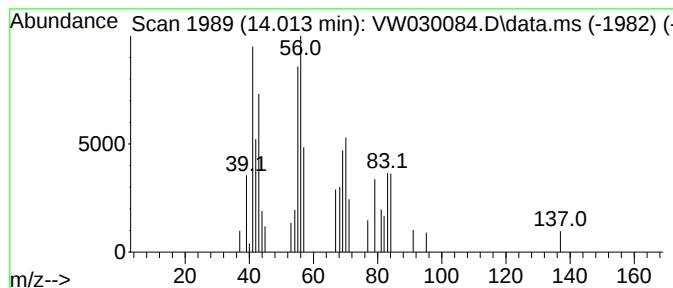
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Quant Title : SFAM01.0

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

Peak Number 19 Formic acid, octyl ester Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	1.29 ug/L	9270	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formic acid, octyl ester	158	C9H18O2	000112-32-3	64
2			1-Octanol	130	C8H18O	000111-87-5	58
3			1-Octanol	130	C8H18O	000111-87-5	53
4			Nonyl chloroformate	206	C10H19ClO2	057045-82-6	50
5			Cycloheptane	98	C7H14	000291-64-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

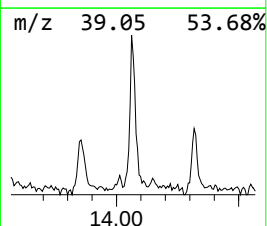
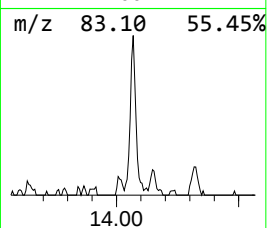
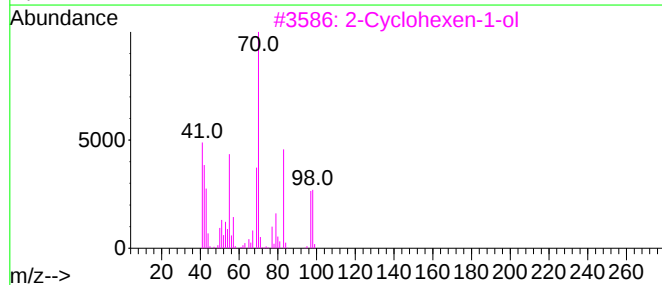
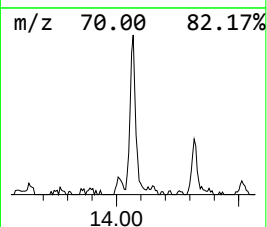
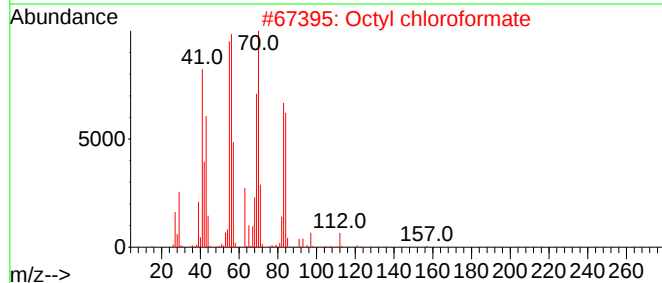
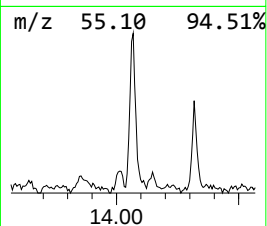
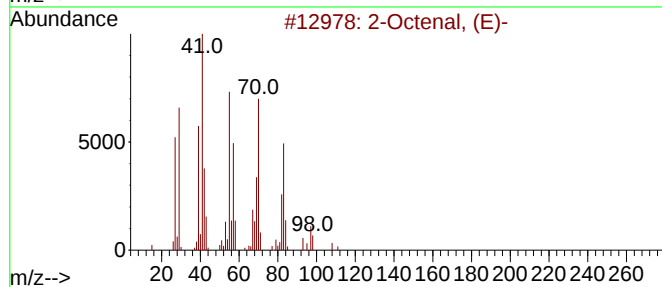
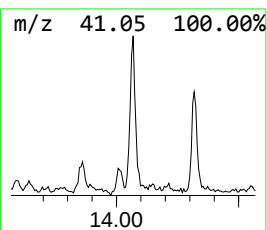
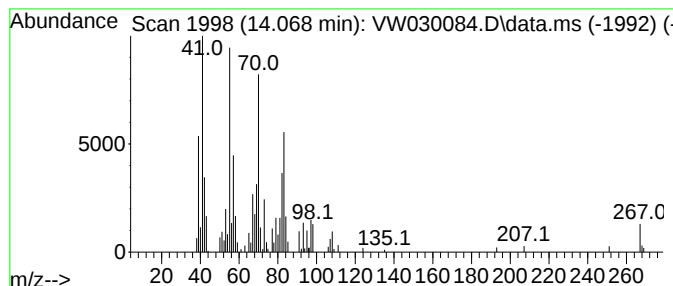
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Quant Title : SFAM01.0

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

Peak Number 20 2-Octenal, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	9.38 ug/L	67330	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octenal, (E)-	126	C8H14O	002548-87-0	64
2		Octyl chloroformate	192	C9H17ClO2	007452-59-7	47
3		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	46
4		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
5		1-Butanol, 3-methyl-, formate	116	C6H12O2	000110-45-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

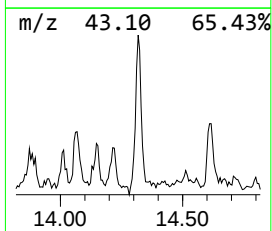
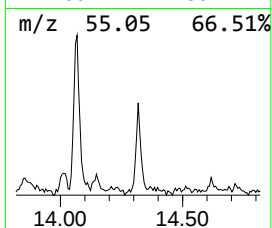
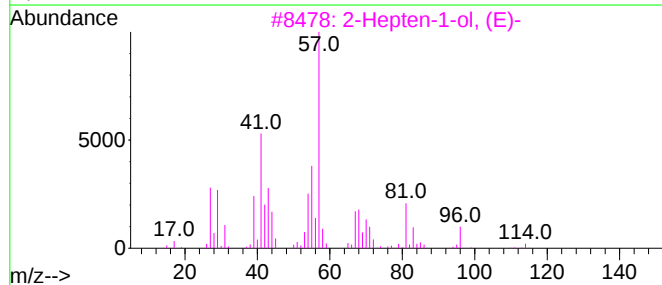
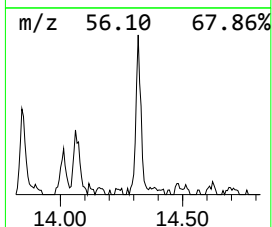
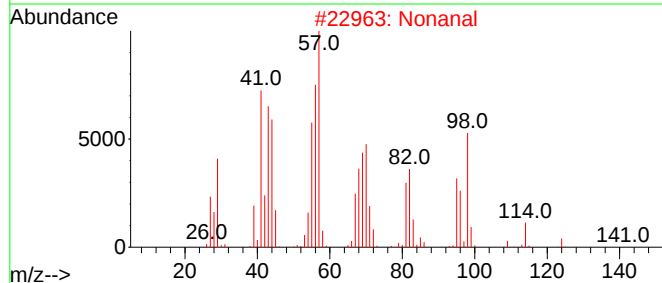
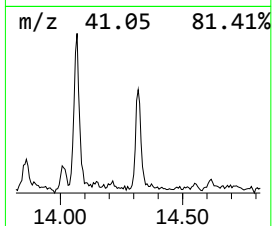
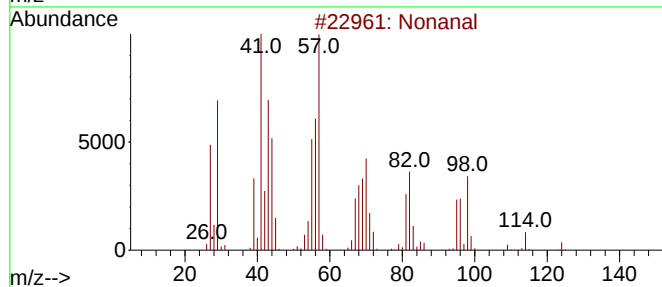
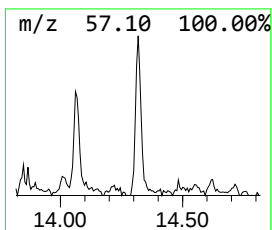
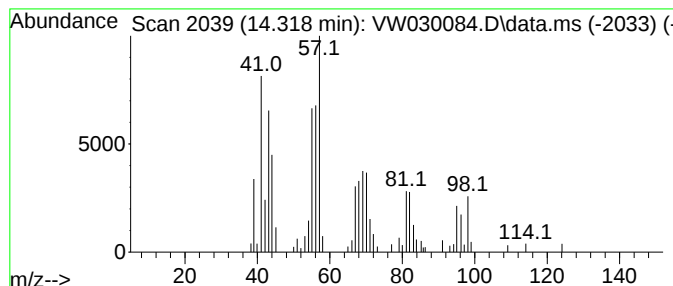
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Quant Title : SFAM01.0

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

Peak Number 21 Nonanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	6.07 ug/L	43538	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	86
2	Nonanal			142	C9H18O	000124-19-6	83
3	2-Hepten-1-ol, (E)-			114	C7H14O	033467-76-4	38
4	Butane, 1-isocyanato-			99	C5H9NO	000111-36-4	30
5	(Z)-Hex-2-ene, 5-methyl-			98	C7H14	013151-17-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

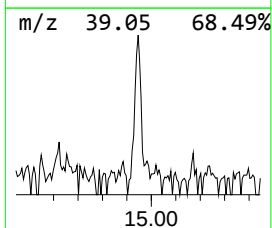
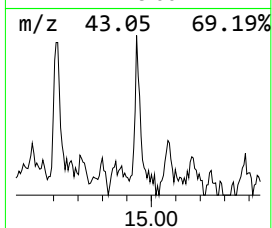
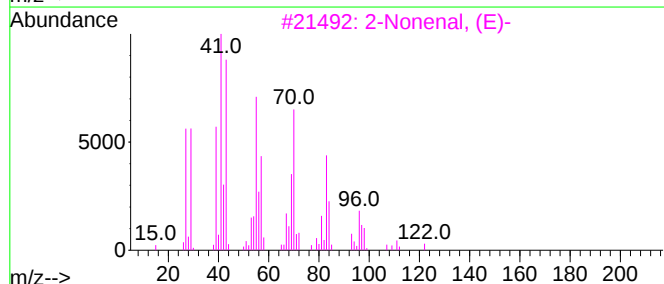
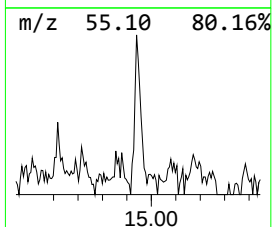
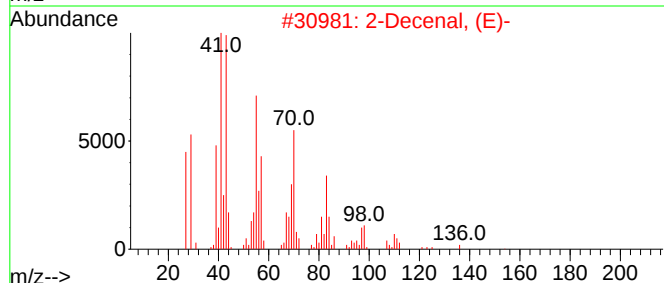
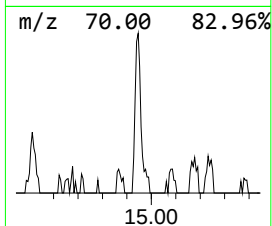
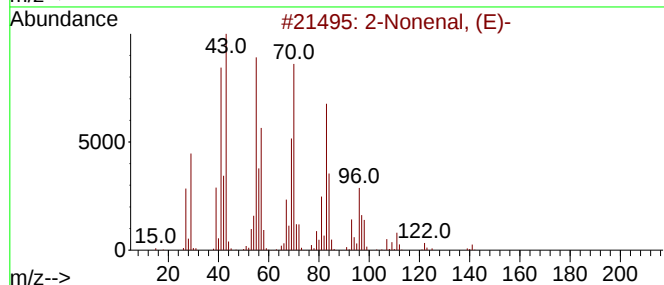
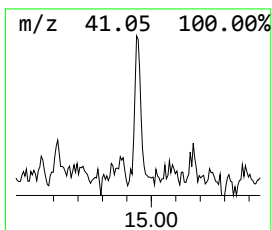
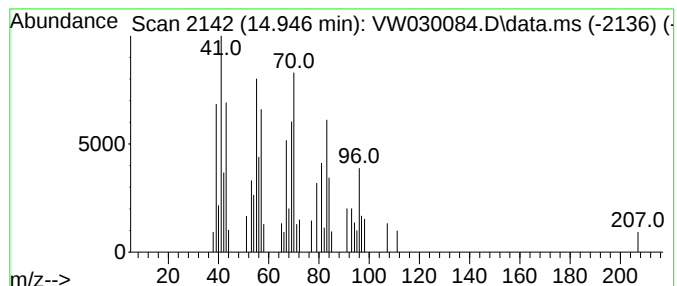
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Quant Title : SFAM01.0

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

Peak Number 22 2-Nonenal, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	2.59 ug/L	18613	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-Decenal, (E)-		154	C10H18O	003913-81-3	50	
3	2-Nonenal, (E)-		140	C9H16O	018829-56-6	47	
4	2-Decenal, (Z)-		154	C10H18O	002497-25-8	43	
5	2-Undecene, (Z)-		154	C11H22	000821-96-5	35	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

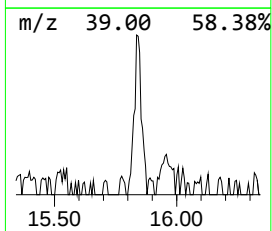
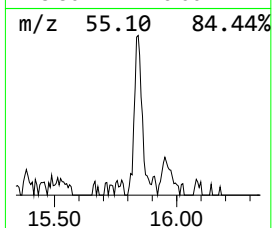
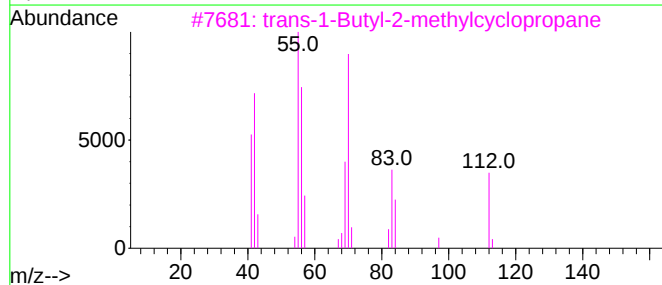
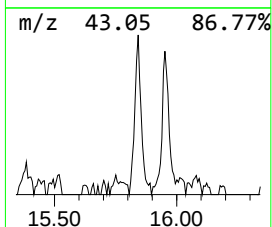
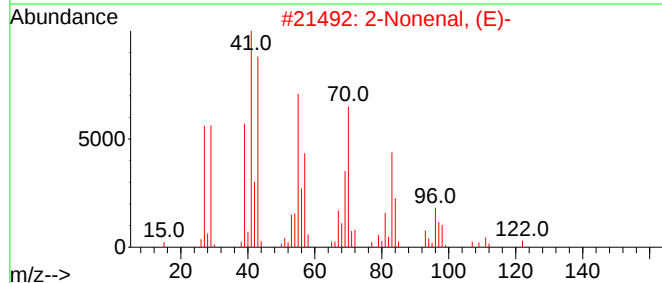
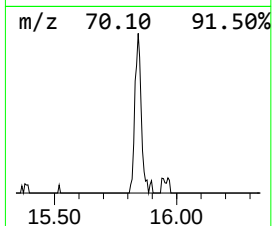
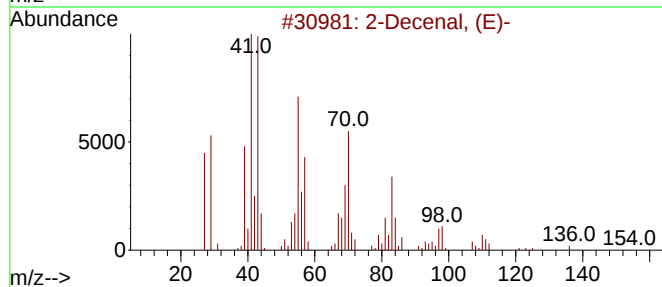
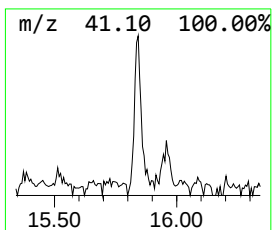
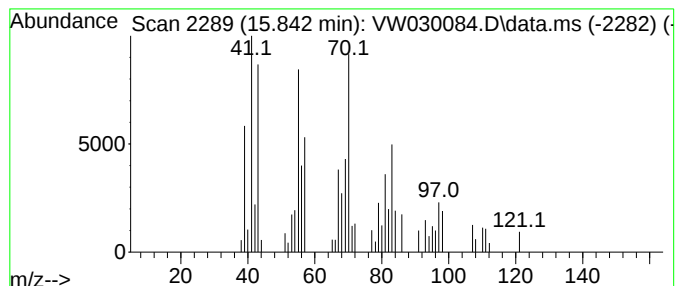
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Quant Title : SFAM01.0

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

Peak Number 23 2-Decenal, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	3.68 ug/L	26443	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decenal, (E)-	154	C10H18O	003913-81-3	59
2			2-Nonenal, (E)-	140	C9H16O	018829-56-6	52
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	43
5			2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

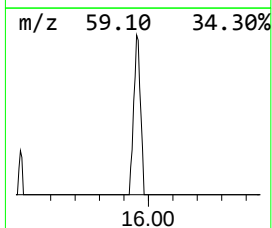
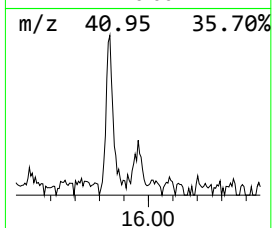
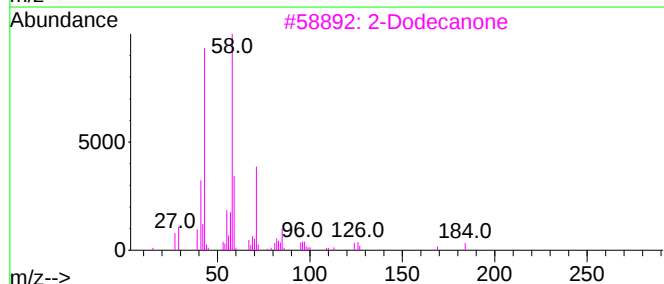
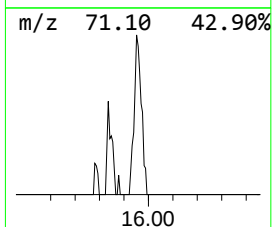
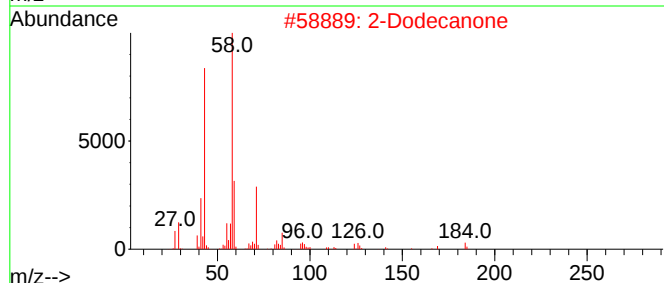
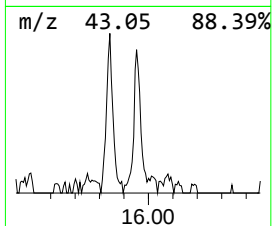
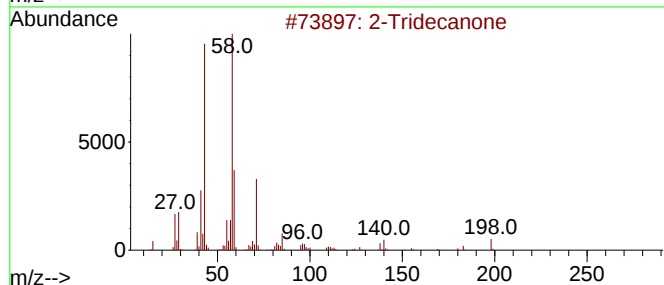
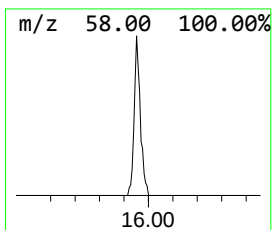
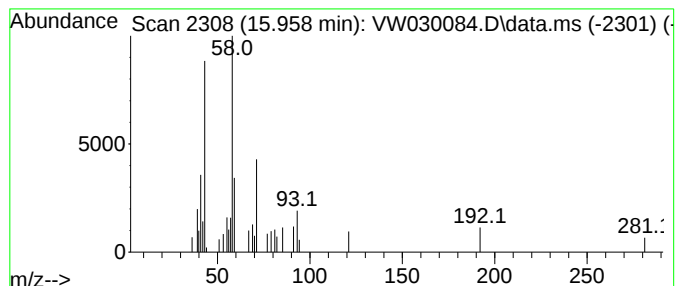
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Quant Title : SFAM01.0

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

Peak Number 24 2-Tridecanone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.958	1.60 ug/L	11491	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tridecanone			198	C13H26O	000593-08-8	53
2	2-Dodecanone			184	C12H24O	006175-49-1	53
3	2-Dodecanone			184	C12H24O	006175-49-1	53
4	2-Decanone			156	C10H20O	000693-54-9	53
5	2-Undecanone			170	C11H22O	000112-12-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030084.D
Acq On : 28 Aug 2024 18:21
Operator : SY/MD
Sample : P3675-14RE
Misc : 3.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX5RE

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
Acetaldehyde	2.497	1.6	ug/L	33347	1	8.843	508315	25.0
(DEL) Alkane: S...	3.387	3.2	ug/L	65790	1	8.843	508315	25.0
(DEL) Alkane: S...	5.941	1.3	ug/L	27060	1	8.843	508315	25.0
Butanal	6.892	2.7	ug/L	54926	1	8.843	508315	25.0
2-Butanone, 3-m...	8.703	3.6	ug/L	73567	1	8.843	508315	25.0
Pentanal	9.404	11.2	ug/L	228510	1	8.843	508315	25.0
Hexanal	11.069	57.4	ug/L	906206	2	11.629	394674	25.0
Furfural	11.831	5.0	ug/L	79255	2	11.629	394674	25.0
1-Hexanol	12.014	2.1	ug/L	33642	2	11.629	394674	25.0
Heptanal	12.337	5.5	ug/L	87017	2	11.629	394674	25.0
Pentane, 2-iodo-	12.507	1.6	ug/L	24904	2	11.629	394674	25.0
2-Heptanone, 6-...	12.928	5.0	ug/L	36177	3	13.556	179441	25.0
2-Heptenal, (E)-	13.093	4.3	ug/L	30608	3	13.556	179441	25.0
unknown-01	13.147	4.0	ug/L	29036	3	13.556	179441	25.0
3-Octanone	13.208	6.1	ug/L	43753	3	13.556	179441	25.0
Octanal	13.391	11.1	ug/L	79527	3	13.556	179441	25.0
Formic acid, oc...	14.013	1.3	ug/L	9270	3	13.556	179441	25.0
2-Octenal, (E)-	14.068	9.4	ug/L	67330	3	13.556	179441	25.0
Nonanal	14.318	6.1	ug/L	43538	3	13.556	179441	25.0
2-Nonenal, (E)-	14.946	2.6	ug/L	18613	3	13.556	179441	25.0
2-Decenal, (E)-	15.842	3.7	ug/L	26443	3	13.556	179441	25.0
2-Tridecanone	15.958	1.6	ug/L	11491	3	13.556	179441	25.0