

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022118.D
 Acq On : 23 Feb 2022 19:25
 Operator : SY/VA
 Sample : N1631-08
 Misc : 3.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG7

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\SFAMWLM022322SMA.M
 Title : SFAM01.0

Signal : TIC: VW022118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	69	73	81	rVB	13798	22121	14.01%	1.662%
2	2.879	156	160	168	rVB	10539	20527	13.00%	1.542%
3	3.190	210	211	213	rBV	509	264	0.17%	0.020%
4	4.013	336	346	356	rVV2	18033	48435	30.67%	3.638%
5	4.123	357	364	377	rVB2	8971	26175	16.57%	1.966%
6	4.312	394	395	396	rBV	425	256	0.16%	0.019%
7	4.361	402	403	406	rBV	350	355	0.22%	0.027%
8	4.507	426	427	431	rBV3	303	405	0.26%	0.030%
9	4.544	431	433	436	rVV3	341	364	0.23%	0.027%
10	4.592	439	441	444	rBV2	347	289	0.18%	0.022%
11	4.830	477	480	481	rVV2	225	261	0.17%	0.020%
12	4.909	481	493	503	rVV4	4047	13174	8.34%	0.990%
13	5.037	513	514	517	rVB3	512	267	0.17%	0.020%
14	5.159	532	534	536	rVB	446	309	0.20%	0.023%
15	5.190	536	539	542	rBV3	360	528	0.33%	0.040%
16	5.275	549	553	556	rBV2	354	359	0.23%	0.027%
17	5.324	559	561	564	rVB2	461	358	0.23%	0.027%
18	5.361	564	567	571	rBV3	441	693	0.44%	0.052%
19	5.422	573	577	578	rBV	440	342	0.22%	0.026%
20	5.501	587	590	593	rBV2	303	400	0.25%	0.030%
21	5.629	609	611	615	rBV2	409	406	0.26%	0.030%
22	5.915	655	658	660	rBV2	411	493	0.31%	0.037%
23	6.062	679	682	683	rBV	559	438	0.28%	0.033%
24	6.202	702	705	708	rBV2	360	455	0.29%	0.034%
25	6.293	719	720	722	rBV2	336	325	0.21%	0.024%
26	6.366	728	732	734	rBV2	382	529	0.33%	0.040%
27	6.440	742	744	746	rVB2	460	298	0.19%	0.022%
28	6.494	750	753	754	rBV	255	268	0.17%	0.020%
29	6.671	778	782	784	rVB2	230	294	0.19%	0.022%
30	6.872	811	815	816	rBV2	420	436	0.28%	0.033%
31	6.891	816	818	821	rBV2	409	629	0.40%	0.047%
32	7.080	842	849	857	rBV2	5543	15418	9.76%	1.158%
33	7.263	878	879	881	rBV	373	235	0.15%	0.018%
34	7.311	885	887	889	rBV3	306	297	0.19%	0.022%
35	7.427	905	906	910	rVB	333	322	0.20%	0.024%
36	7.494	913	917	919	rBV2	245	378	0.24%	0.028%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Title : SFAM01.0

37	7.543	924	925	929	rVV3	249	296	0.19%	0.022%
38	7.647	933	942	952	rBV	28059	71928	45.54%	5.403%
39	7.860	976	977	979	rBV2	358	273	0.17%	0.021%
40	7.952	987	992	994	rBV3	573	645	0.41%	0.048%
41	7.976	994	996	1001	rVB2	457	473	0.30%	0.036%
42	8.189	1026	1031	1032	rBV2	368	488	0.31%	0.037%
43	8.275	1035	1045	1060	rBV3	48994	157931	100.00%	11.863%
44	8.543	1087	1089	1092	rBV4	1035	1056	0.67%	0.079%
45	8.677	1109	1111	1112	rVV	323	295	0.19%	0.022%
46	8.714	1113	1117	1123	rVB4	1127	2137	1.35%	0.161%
47	8.842	1130	1138	1146	rVB	58730	114629	72.58%	8.610%
48	8.976	1158	1160	1163	rBV	384	457	0.29%	0.034%
49	9.018	1165	1167	1168	rBV2	372	236	0.15%	0.018%
50	9.268	1200	1208	1217	rBV	35542	75674	47.92%	5.684%
51	9.518	1245	1249	1251	rBV2	239	334	0.21%	0.025%
52	9.585	1258	1260	1261	rBV	325	255	0.16%	0.019%
53	9.677	1268	1275	1277	rBV3	614	1173	0.74%	0.088%
54	9.817	1293	1298	1300	rBV3	435	608	0.38%	0.046%
55	9.988	1324	1326	1327	rBV	417	317	0.20%	0.024%
56	10.030	1327	1333	1341	rVB2	16487	31432	19.90%	2.361%
57	10.207	1359	1362	1363	rBV	619	616	0.39%	0.046%
58	10.323	1374	1381	1387	rBV	69015	120133	76.07%	9.024%
59	10.506	1406	1411	1414	rVV3	1321	1795	1.14%	0.135%
60	10.579	1417	1423	1432	rVV2	11455	20353	12.89%	1.529%
61	10.701	1437	1443	1450	rVB	5976	10420	6.60%	0.783%
62	10.921	1473	1479	1494	rBV	19955	37745	23.90%	2.835%
63	11.067	1496	1503	1516	rVV3	8647	16080	10.18%	1.208%
64	11.341	1546	1548	1553	rBV3	636	726	0.46%	0.055%
65	11.518	1575	1577	1579	rVB	454	354	0.22%	0.027%
66	11.628	1588	1595	1603	rVV	79950	136624	86.51%	10.263%
67	11.841	1623	1630	1639	rBV6	4365	11669	7.39%	0.877%
68	11.933	1642	1645	1646	rBV2	429	385	0.24%	0.029%
69	12.024	1658	1660	1664	rBV3	340	433	0.27%	0.033%
70	12.146	1678	1680	1681	rBV3	593	515	0.33%	0.039%
71	12.219	1690	1692	1693	rBV	527	405	0.26%	0.030%
72	12.335	1704	1711	1717	rBV3	4602	7879	4.99%	0.592%
73	12.603	1747	1755	1761	rBV2	11156	18869	11.95%	1.417%
74	12.688	1762	1769	1776	rVV	37476	61136	38.71%	4.592%
75	12.853	1795	1796	1802	rVB3	336	353	0.22%	0.027%
76	12.926	1802	1808	1809	rBV3	1450	2390	1.51%	0.180%

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Integration Parameters: LSCINT.P

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 Title : SFAM01.0

77	13.103	1834	1837	1841	rVB4	596	688	0.44%	0.052%
78	13.152	1841	1845	1846	rBV3	484	507	0.32%	0.038%
79	13.182	1849	1850	1852	rBV	380	240	0.15%	0.018%
80	13.268	1857	1864	1865	rBV4	1474	2670	1.69%	0.201%
81	13.396	1880	1885	1890	rBV3	4630	8192	5.19%	0.615%
82	13.493	1895	1901	1905	rVV2	4154	6736	4.27%	0.506%
83	13.554	1905	1911	1919	rVV	75814	125184	79.26%	9.403%
84	13.694	1931	1934	1937	rVB2	430	487	0.31%	0.037%
85	13.853	1953	1960	1966	rBV	61018	102408	64.84%	7.692%
86	14.011	1982	1986	1989	rBV5	431	764	0.48%	0.057%
87	14.066	1989	1995	1999	rVV2	2310	3772	2.39%	0.283%
88	14.097	1999	2000	2003	rVB2	487	287	0.18%	0.022%
89	14.280	2028	2030	2032	rBV2	344	325	0.21%	0.024%
90	14.322	2032	2037	2042	rVV4	5461	7961	5.04%	0.598%
91	14.615	2083	2085	2091	rVB3	982	1372	0.87%	0.103%
92	14.834	2119	2121	2122	rBV	464	274	0.17%	0.021%
93	14.877	2126	2128	2130	rVB2	509	380	0.24%	0.029%
94	15.048	2155	2156	2159	rBV2	430	387	0.25%	0.029%
95	15.334	2202	2203	2206	rBV	291	317	0.20%	0.024%
96	15.609	2245	2248	2249	rBV2	353	424	0.27%	0.032%
97	16.005	2310	2313	2314	rBV2	326	331	0.21%	0.025%
98	16.304	2360	2362	2364	rBV3	411	419	0.27%	0.031%
99	16.438	2382	2384	2386	rBV2	321	273	0.17%	0.021%
100	16.761	2435	2437	2438	rBV	326	270	0.17%	0.020%

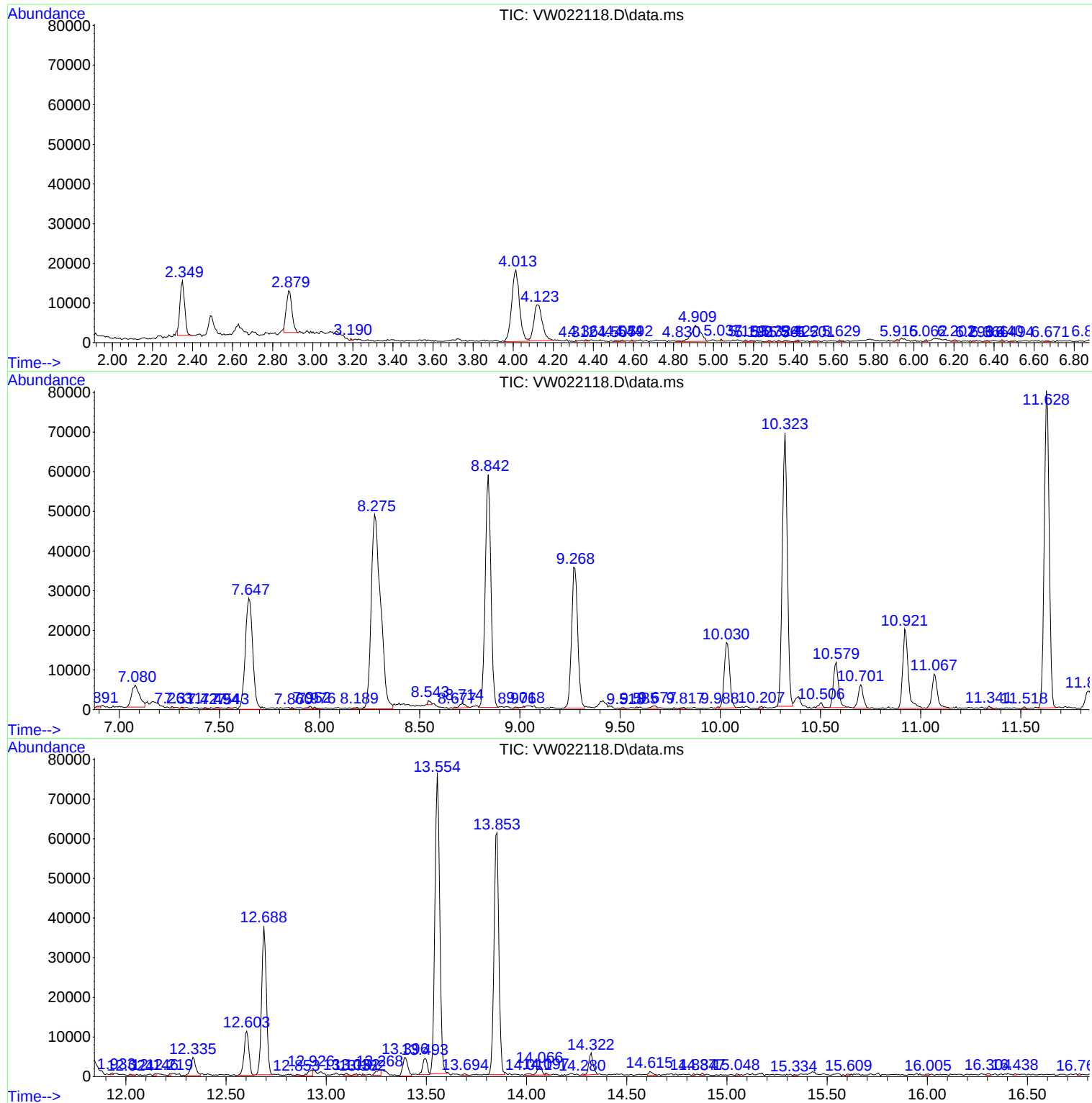
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
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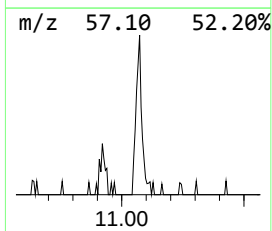
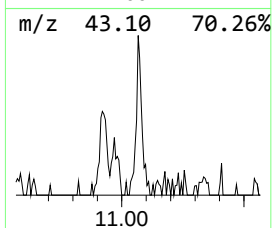
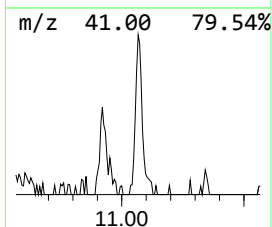
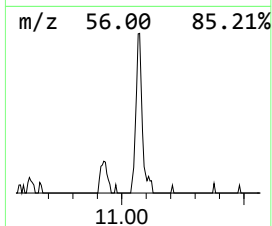
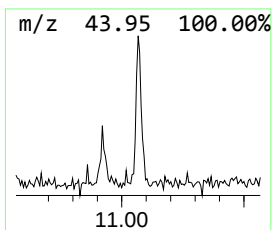
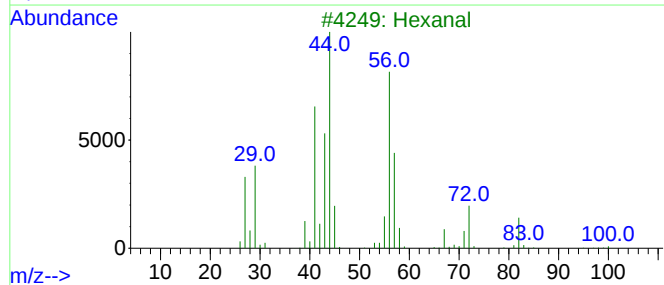
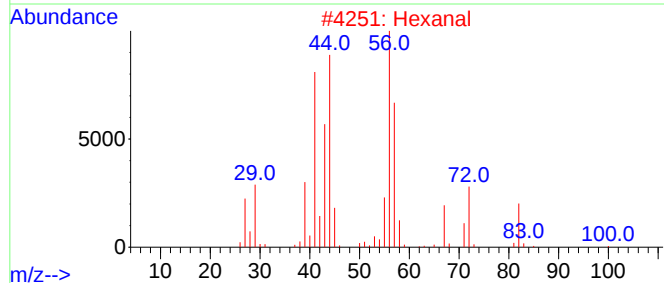
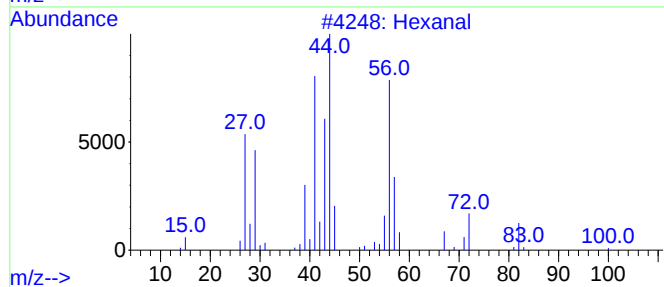
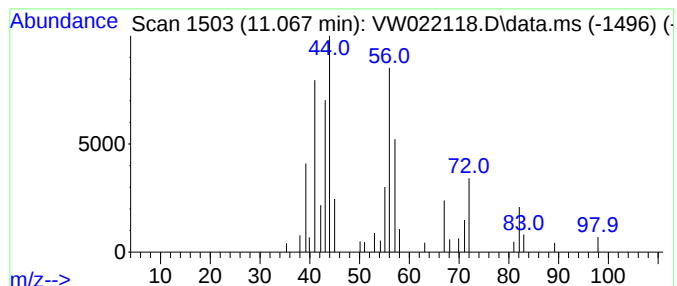
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	2.94 ug/L	16080	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	59
2	Hexanal			100	C6H12O	000066-25-1	59
3	Hexanal			100	C6H12O	000066-25-1	59
4	Cyclobutanol, 2-ethyl-			100	C6H12O	035301-43-0	47
5	Butanal			72	C4H8O	000123-72-8	43



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Instrument :
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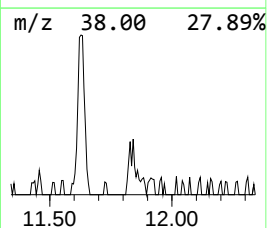
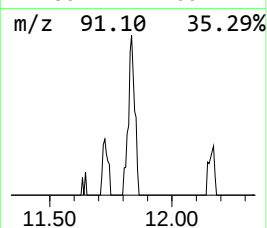
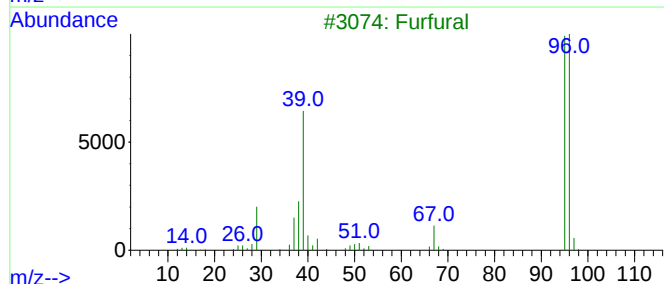
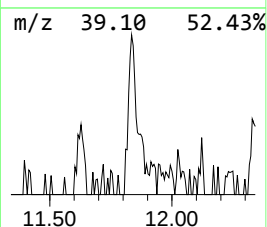
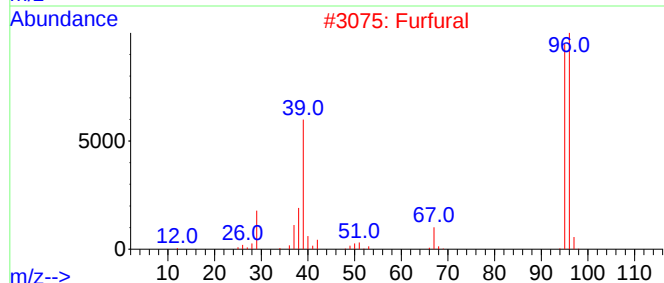
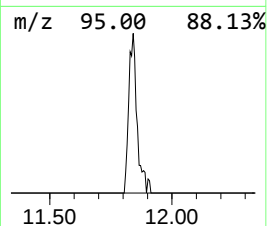
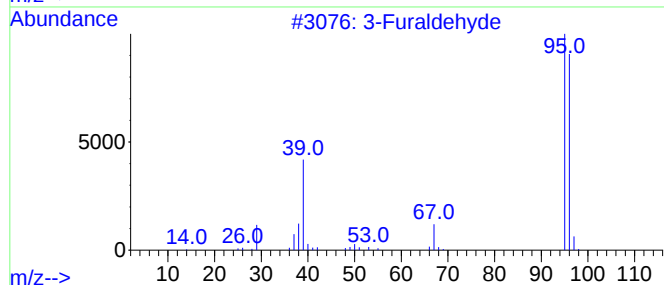
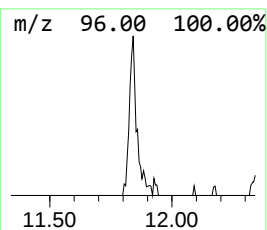
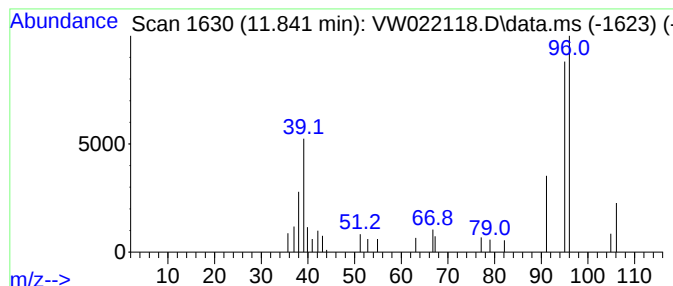
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 3-Furaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	2.14 ug/L	11669	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Furaldehyde	96	C5H4O2	000498-60-2	58
2			Furfural	96	C5H4O2	000098-01-1	58
3			Furfural	96	C5H4O2	000098-01-1	58
4			Furfural	96	C5H4O2	000098-01-1	53
5			2(1H)-Pyridinone	95	C5H5NO	000142-08-5	52



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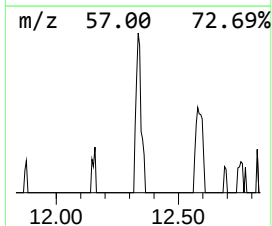
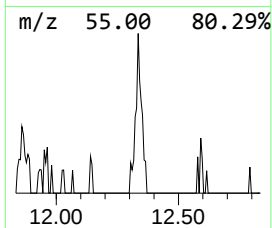
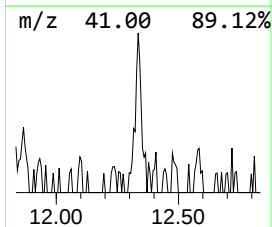
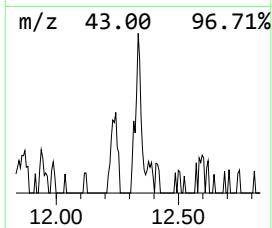
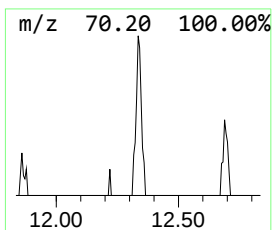
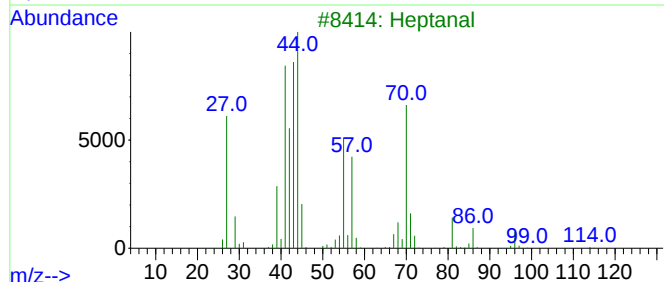
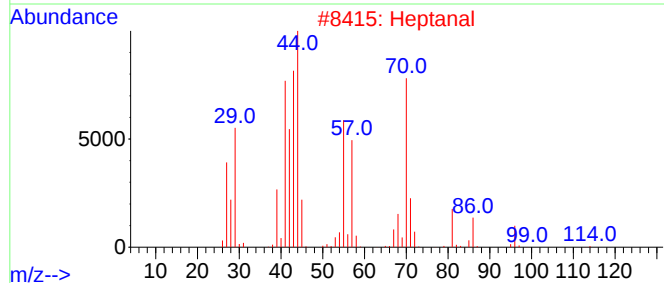
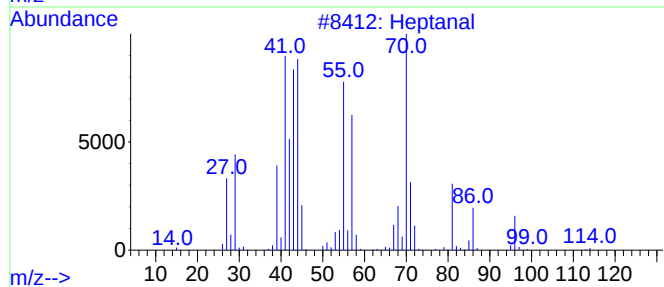
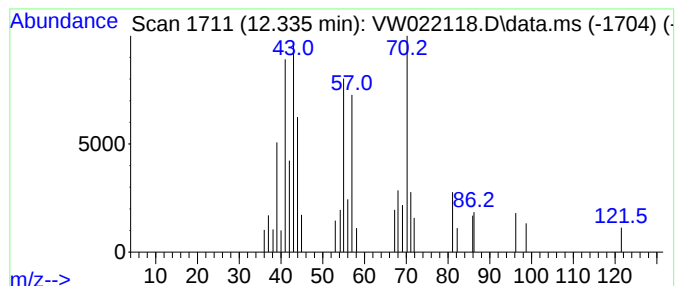
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	1.44 ug/L	7879	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	59
2			Heptanal	114	C7H14O	000111-71-7	59
3			Heptanal	114	C7H14O	000111-71-7	53
4			Heptanal	114	C7H14O	000111-71-7	45
5			Octyl chloroformate	192	C9H17ClO2	007452-59-7	38



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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
DBRG7

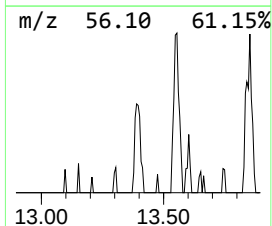
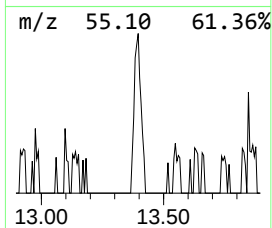
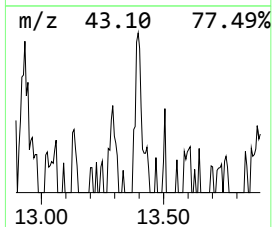
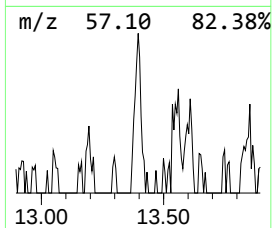
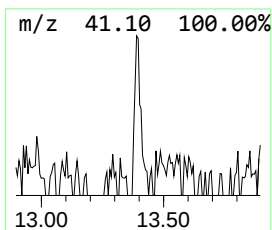
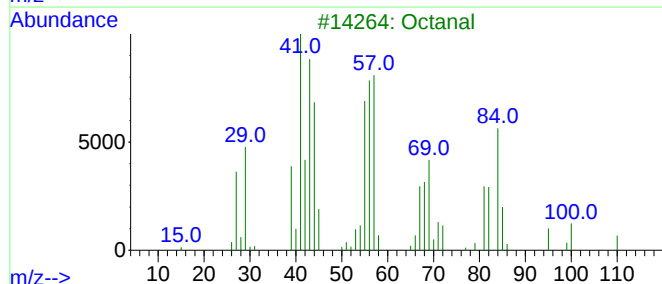
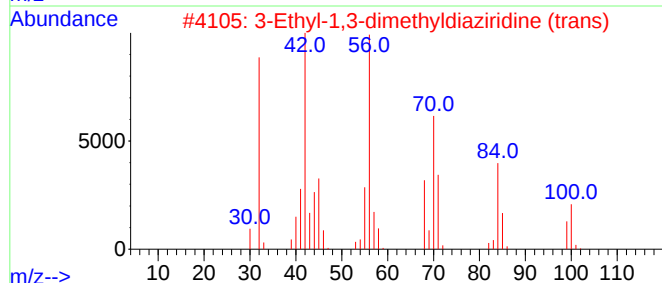
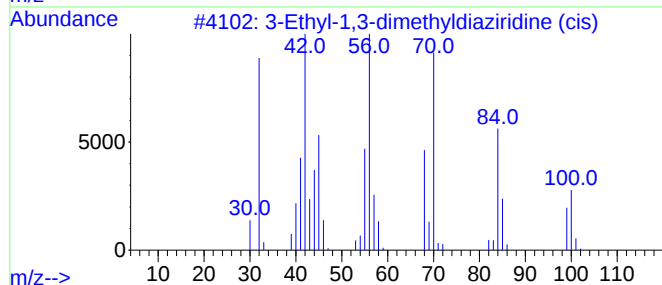
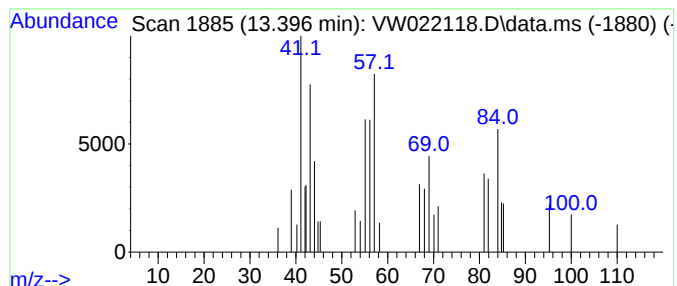
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.64 ug/L	8192	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-1,3-dimethyldiaziridine ...	100	C5H12N2	054753-24-1	43
2			3-Ethyl-1,3-dimethyldiaziridine ...	100	C5H12N2	1000283-16-1	43
3			Octanal	128	C8H16O	000124-13-0	40
4			Pyrrolidine, 1-methyl-	85	C5H11N	000120-94-5	38
5			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
Data File : VW022118.D
Acq On : 23 Feb 2022 19:25
Operator : SY/VA
Sample : N1631-08
Misc : 3.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRG7

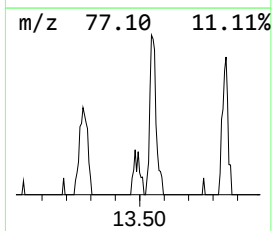
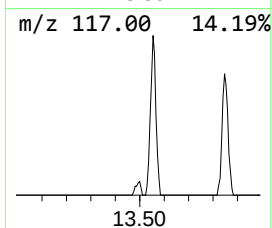
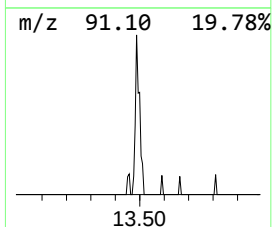
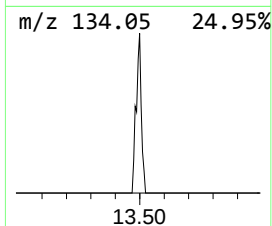
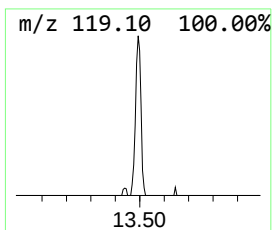
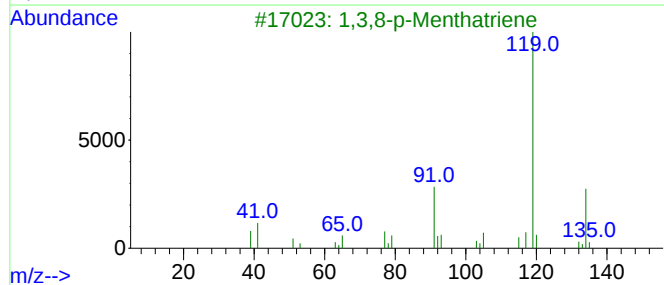
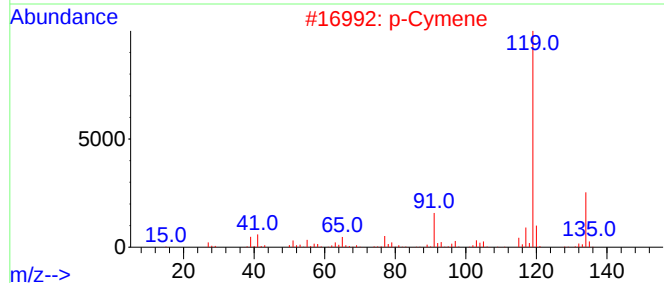
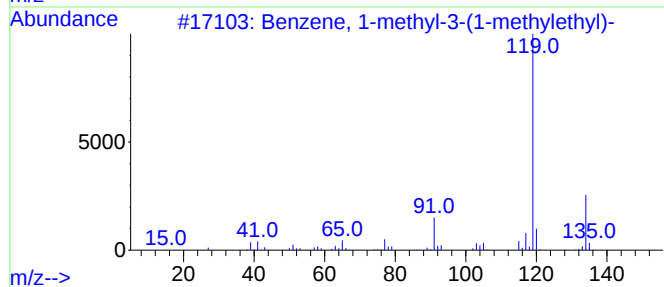
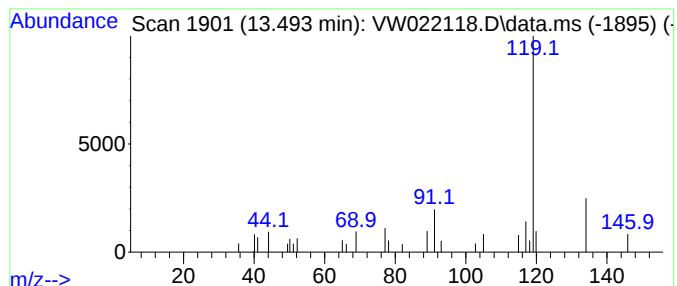
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	1.35 ug/L	6736	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
2			p-Cymene	134	C10H14	000099-87-6	72
3			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	72
4			p-Cymene	134	C10H14	000099-87-6	72
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
Data File : VW022118.D
Acq On : 23 Feb 2022 19:25
Operator : SY/VA
Sample : N1631-08
Misc : 3.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRG7

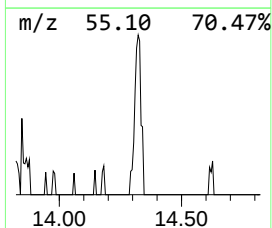
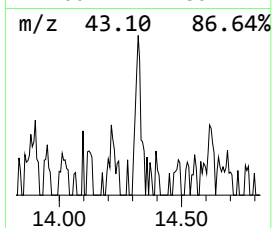
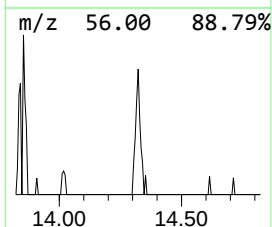
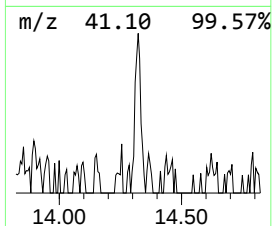
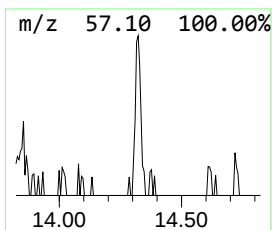
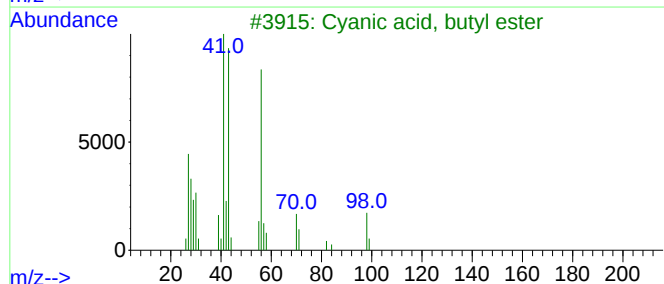
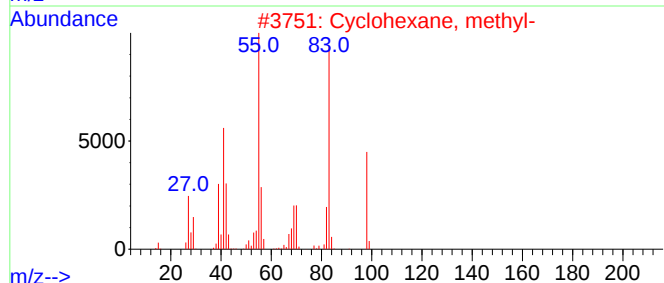
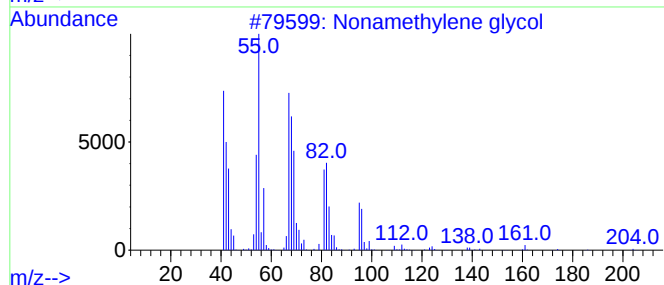
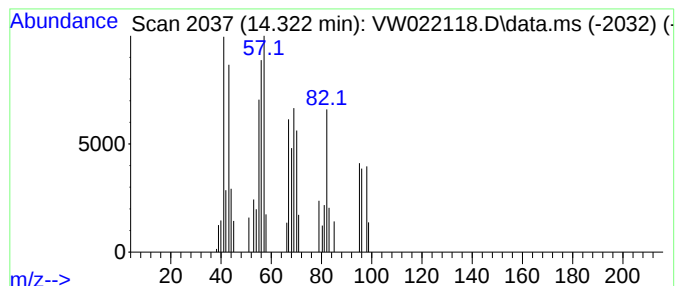
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	1.59 ug/L	7961	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonamethylene glycol	204	C11H24O3	1000129-54-8	43
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	43
3			Cyanic acid, butyl ester	99	C5H9NO	001768-24-7	27
4			Cyclopentene-1-methanol	98	C6H10O	001120-80-5	25
5			1-Nonanol	144	C9H20O	000143-08-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
Data File : VW022118.D
Acq On : 23 Feb 2022 19:25
Operator : SY/VA
Sample : N1631-08
Misc : 3.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRG7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.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
Hexanal	11.067	2.9	ug/L	16080	2	11.628	136624	25.0
3-Furaldehyde	11.841	2.1	ug/L	11669	2	11.628	136624	25.0
Heptanal	12.335	1.4	ug/L	7879	2	11.628	136624	25.0
unknown-01	13.396	1.6	ug/L	8192	3	13.554	125184	25.0
Benzene, 1-meth...	13.493	1.4	ug/L	6736	3	13.554	125184	25.0
unknown-02	14.322	1.6	ug/L	7961	3	13.554	125184	25.0