

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
 Data File : VW022131.D
 Acq On : 24 Feb 2022 11:20
 Operator : SY/VA
 Sample : N1631-08
 Misc : 3.65g/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: VW022131.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	83	rVB	50092	86135	18.38%	2.158%
2	2.501	93	98	105	rBV2	6559	12449	2.66%	0.312%
3	2.885	154	161	173	rVB	36444	76391	16.30%	1.914%
4	3.373	238	241	242	rBV2	772	786	0.17%	0.020%
5	3.599	277	278	281	rVV2	415	341	0.07%	0.009%
6	3.708	293	296	299	rBV3	881	1347	0.29%	0.034%
7	3.916	327	330	334	rBV	431	589	0.13%	0.015%
8	4.013	334	346	357	rBV	59470	166510	35.53%	4.172%
9	4.135	358	366	379	rVB2	17083	52034	11.10%	1.304%
10	4.330	395	398	400	rBV2	411	365	0.08%	0.009%
11	4.617	442	445	447	rVB	425	353	0.08%	0.009%
12	4.641	447	449	450	rBV	383	352	0.08%	0.009%
13	4.909	484	493	505	rBV4	7690	25974	5.54%	0.651%
14	5.129	526	529	532	rBV2	279	383	0.08%	0.010%
15	5.220	542	544	549	rVB2	314	424	0.09%	0.011%
16	5.263	549	551	553	rBV	235	245	0.05%	0.006%
17	5.495	586	589	590	rBV2	429	362	0.08%	0.009%
18	5.525	592	594	598	rVB4	373	536	0.11%	0.013%
19	5.580	600	603	605	rVV2	436	453	0.10%	0.011%
20	5.623	607	610	612	rBV	425	586	0.13%	0.015%
21	5.714	621	625	626	rBV	232	297	0.06%	0.007%
22	5.775	631	635	636	rBV2	957	1060	0.23%	0.027%
23	6.098	679	688	689	rBV4	1779	2592	0.55%	0.065%
24	6.458	744	747	749	rBV	260	323	0.07%	0.008%
25	6.592	767	769	775	rBV4	427	606	0.13%	0.015%
26	6.793	799	802	804	rBV2	312	337	0.07%	0.008%
27	6.817	804	806	809	rBV	283	284	0.06%	0.007%
28	6.891	815	818	823	rBV4	1029	1850	0.39%	0.046%
29	7.086	841	850	857	rBV	9752	27460	5.86%	0.688%
30	7.378	896	898	902	rVB2	681	441	0.09%	0.011%
31	7.470	909	913	916	rBV3	242	357	0.08%	0.009%
32	7.506	916	919	922	rBV2	273	394	0.08%	0.010%
33	7.647	932	942	953	rBV	82413	203314	43.38%	5.094%
34	7.762	958	961	962	rVB	568	503	0.11%	0.013%
35	7.933	987	989	990	rBV2	310	325	0.07%	0.008%
36	8.274	1035	1045	1063	rBV2	150212	451892	96.42%	11.321%

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Integrator: RTE

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Filtering: 5

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

37	8.463	1074	1076	1078	rBV2	846	706	0.15%	0.018%
38	8.707	1111	1116	1123	rVB4	2273	4784	1.02%	0.120%
39	8.841	1130	1138	1148	rVB	202412	402874	85.96%	10.093%
40	9.043	1167	1171	1174	rBV5	975	1589	0.34%	0.040%
41	9.274	1199	1209	1221	rBV	101459	209931	44.79%	5.259%
42	9.408	1225	1231	1238	rBV2	4286	8843	1.89%	0.222%
43	9.567	1255	1257	1259	rBV	378	343	0.07%	0.009%
44	9.780	1288	1292	1294	rBV2	272	378	0.08%	0.009%
45	9.921	1313	1315	1318	rBV2	252	327	0.07%	0.008%
46	9.945	1318	1319	1322	rVB2	362	256	0.05%	0.006%
47	10.036	1327	1334	1344	rVB	53630	98221	20.96%	2.461%
48	10.183	1356	1358	1359	rBV	550	331	0.07%	0.008%
49	10.323	1373	1381	1387	rBV	229212	405487	86.52%	10.159%
50	10.384	1388	1391	1398	rVB	9445	16058	3.43%	0.402%
51	10.494	1405	1409	1415	rVB5	2089	4083	0.87%	0.102%
52	10.579	1416	1423	1430	rBV	32794	57732	12.32%	1.446%
53	10.701	1439	1443	1451	rVB2	2179	4271	0.91%	0.107%
54	10.853	1466	1468	1473	rVB4	664	813	0.17%	0.020%
55	10.926	1473	1480	1493	rBV	39694	73021	15.58%	1.829%
56	11.067	1496	1503	1511	rBV2	19575	35525	7.58%	0.890%
57	11.231	1528	1530	1532	rVB2	487	360	0.08%	0.009%
58	11.402	1556	1558	1562	rVB3	686	936	0.20%	0.023%
59	11.445	1562	1565	1567	rBV2	240	308	0.07%	0.008%
60	11.530	1577	1579	1582	rVB2	606	634	0.14%	0.016%
61	11.554	1582	1583	1585	rBV	324	313	0.07%	0.008%
62	11.628	1588	1595	1607	rVV	274546	468672	100.00%	11.742%
63	11.731	1607	1612	1619	rVB5	1233	2867	0.61%	0.072%
64	11.792	1619	1622	1624	rBV3	331	496	0.11%	0.012%
65	11.841	1624	1630	1639	rBV3	12618	31921	6.81%	0.800%
66	11.945	1642	1647	1651	rVB7	1207	2418	0.52%	0.061%
67	12.164	1679	1683	1690	rBV6	1317	2771	0.59%	0.069%
68	12.231	1690	1694	1698	rBV3	1473	2425	0.52%	0.061%
69	12.341	1706	1712	1718	rBV3	11270	18745	4.00%	0.470%
70	12.518	1739	1741	1742	rBV2	366	269	0.06%	0.007%
71	12.597	1746	1754	1761	rBV5	5323	11123	2.37%	0.279%
72	12.688	1763	1769	1777	rBV	77384	128290	27.37%	3.214%
73	12.932	1800	1809	1813	rBV6	4632	9342	1.99%	0.234%
74	13.127	1840	1841	1843	rBV2	513	408	0.09%	0.010%
75	13.255	1856	1862	1863	rBV2	3217	5324	1.14%	0.133%
76	13.347	1876	1877	1878	rBV	588	269	0.06%	0.007%

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Integration Parameters: LSCINT.P

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 Title : SFAM01.0

77	13.396	1879	1885	1896	rVV2	14068	23732	5.06%	0.595%
78	13.493	1896	1901	1905	rVV	17773	27717	5.91%	0.694%
79	13.554	1905	1911	1923	rVB	261047	429561	91.65%	10.762%
80	13.706	1933	1936	1939	rVB4	485	578	0.12%	0.014%
81	13.853	1952	1960	1967	rBV	180668	304825	65.04%	7.637%
82	14.011	1983	1986	1991	rBV6	1907	2848	0.61%	0.071%
83	14.066	1991	1995	2003	rVB2	5317	8986	1.92%	0.225%
84	14.121	2003	2004	2005	rBV	483	260	0.06%	0.007%
85	14.219	2017	2020	2025	rBV5	1386	2081	0.44%	0.052%
86	14.322	2030	2037	2047	rBV	22667	36108	7.70%	0.905%
87	14.414	2050	2052	2056	rBV3	957	629	0.13%	0.016%
88	14.615	2081	2085	2091	rVV5	3155	4843	1.03%	0.121%
89	14.786	2109	2113	2115	rBV5	839	1308	0.28%	0.033%
90	14.999	2145	2148	2149	rBV2	395	340	0.07%	0.009%
91	15.054	2155	2157	2158	rBV2	697	491	0.10%	0.012%
92	15.176	2173	2177	2183	rBV4	4746	7310	1.56%	0.183%
93	15.298	2195	2197	2199	rBV3	459	505	0.11%	0.013%
94	15.438	2215	2220	2224	rVB3	2008	3354	0.72%	0.084%
95	15.487	2224	2228	2235	rVB2	1363	2184	0.47%	0.055%
96	15.670	2255	2258	2260	rBV3	321	452	0.10%	0.011%
97	16.023	2315	2316	2319	rBV2	357	313	0.07%	0.008%
98	16.169	2339	2340	2343	rBV	410	327	0.07%	0.008%
99	16.645	2416	2418	2421	rBV2	289	335	0.07%	0.008%
100	16.718	2428	2430	2431	rBV2	376	359	0.08%	0.009%

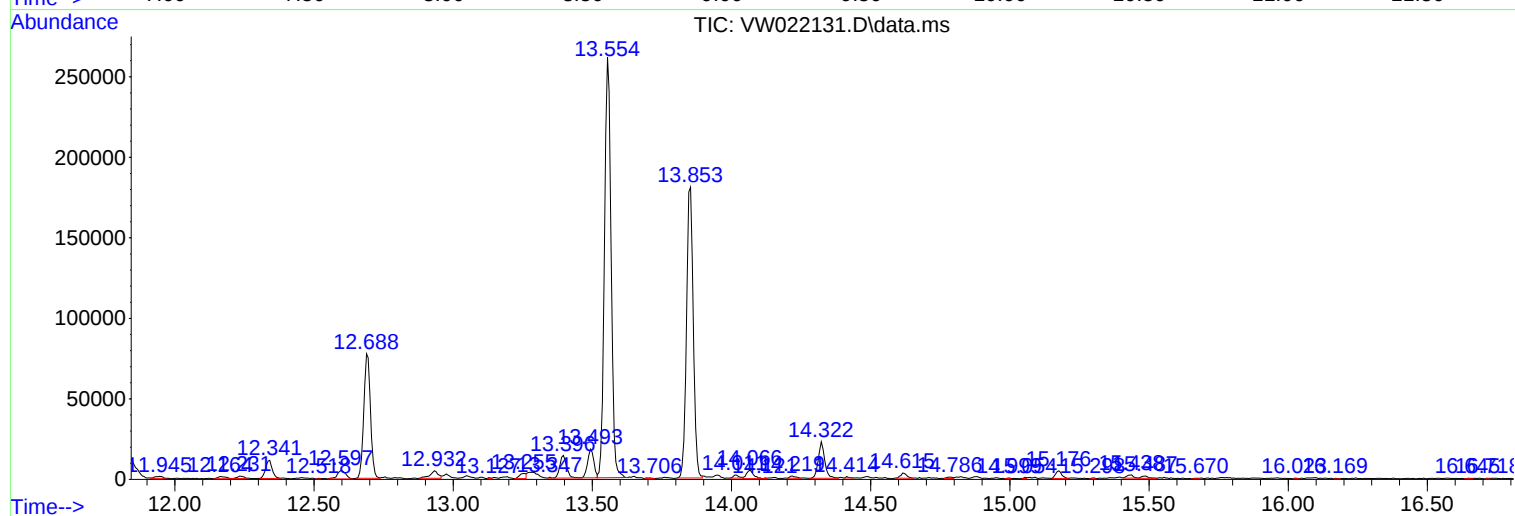
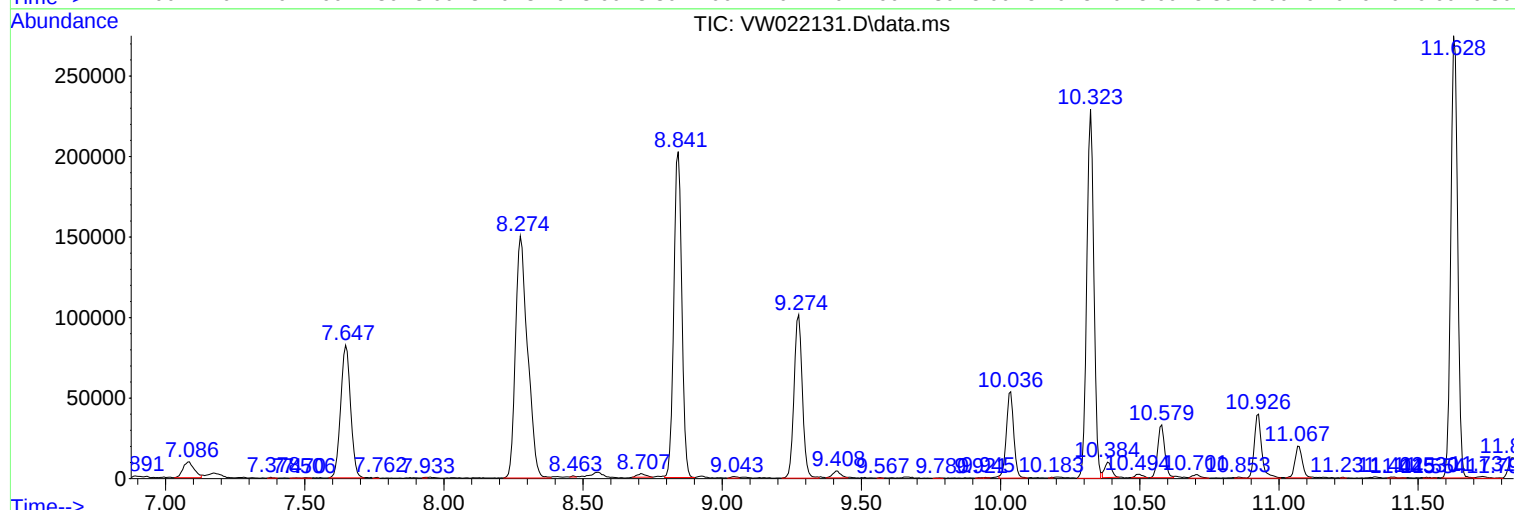
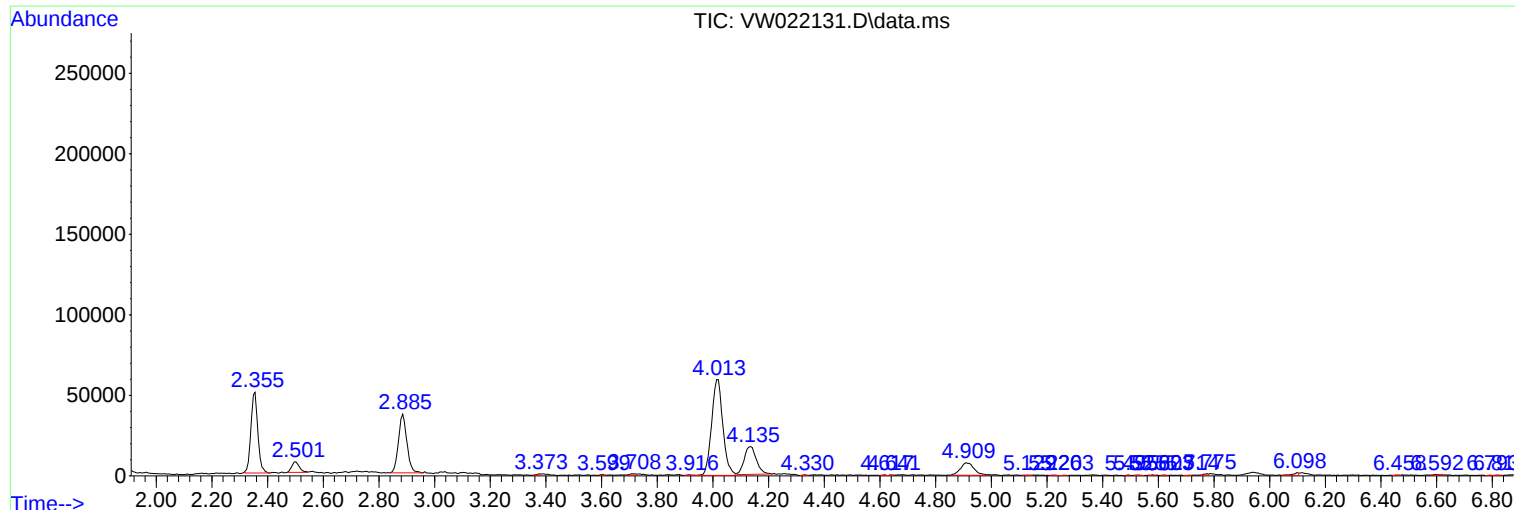
Sum of corrected areas: 3991560

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Instrument :
MSVOA_W
ClientSampleId :
DBRG7

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



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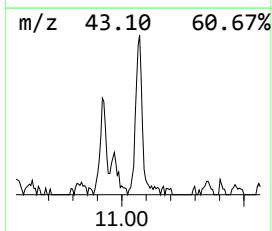
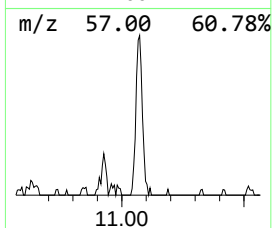
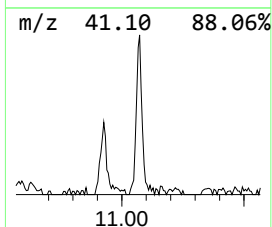
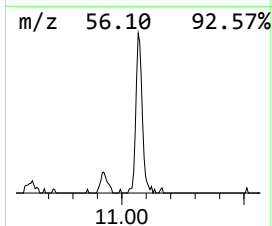
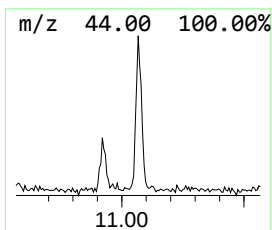
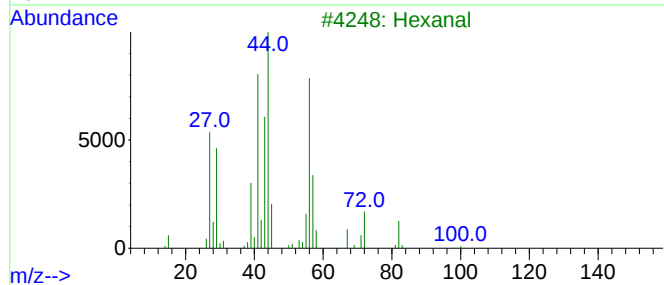
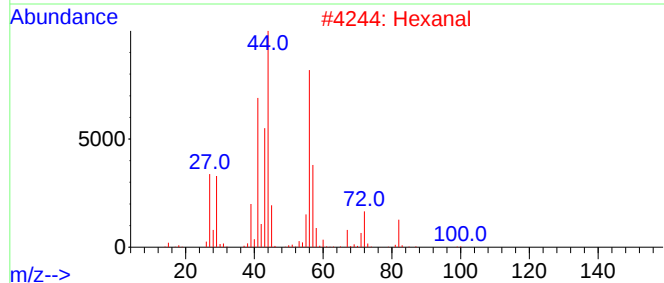
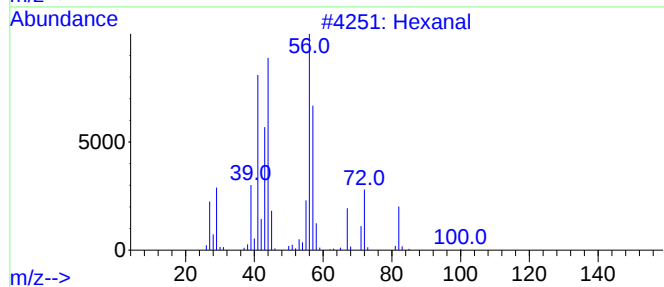
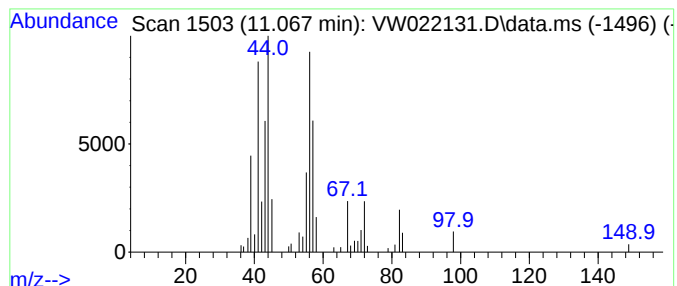
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	1.89 ug/L	35525	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	53
4	Hexanal			100	C6H12O	000066-25-1	53
5	Hexanal			100	C6H12O	000066-25-1	50



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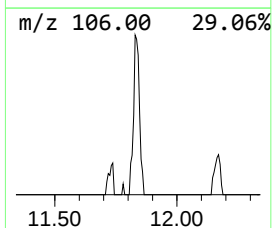
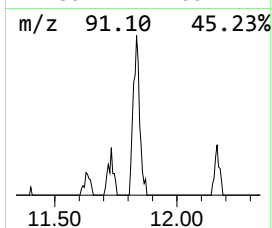
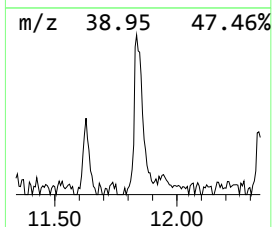
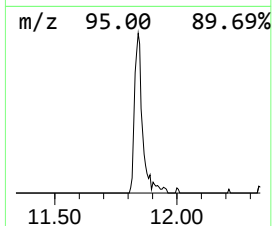
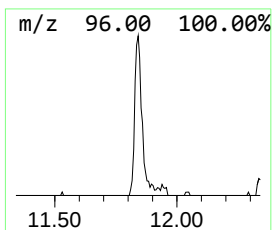
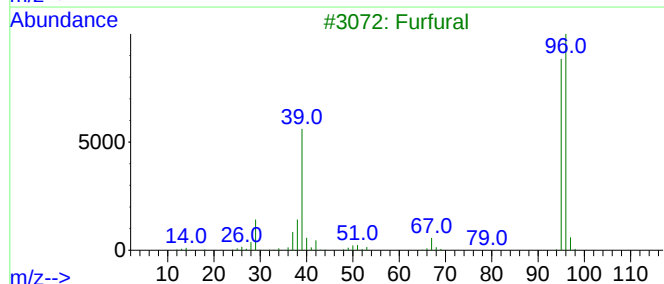
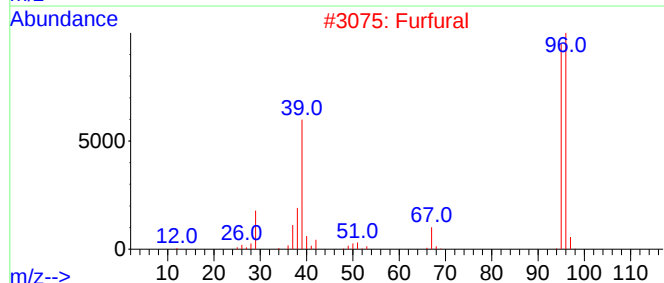
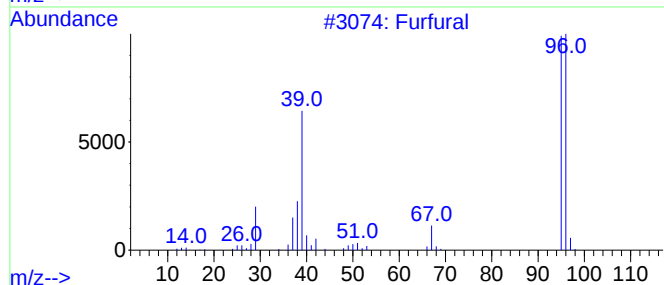
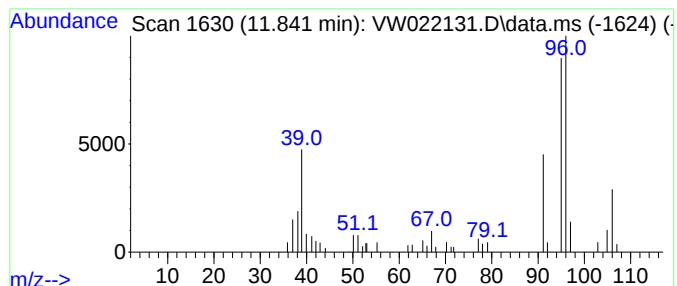
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Furfural Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	1.70 ug/L	31921	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furfural	96	C5H4O2	000098-01-1	74
2			Furfural	96	C5H4O2	000098-01-1	72
3			Furfural	96	C5H4O2	000098-01-1	64
4			3-Furaldehyde	96	C5H4O2	000498-60-2	64
5			Furfural	96	C5H4O2	000098-01-1	64



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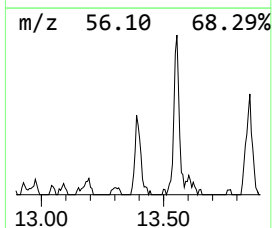
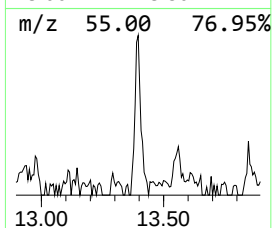
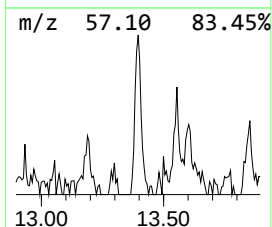
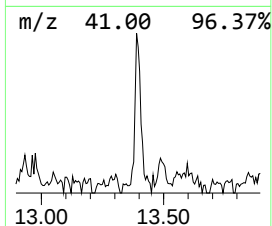
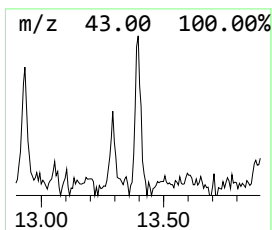
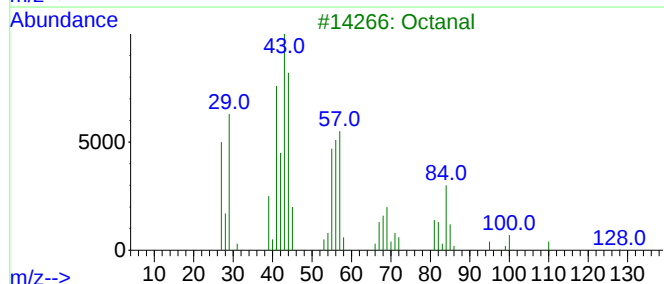
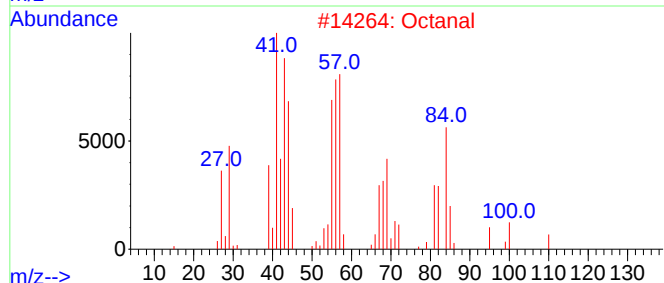
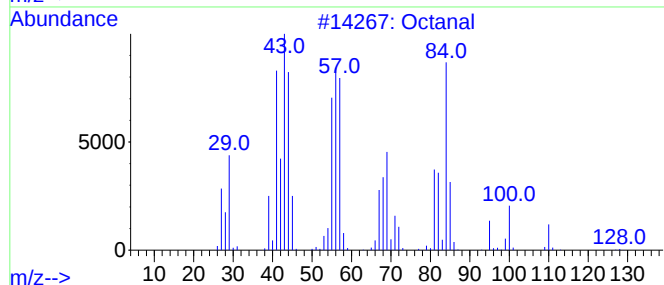
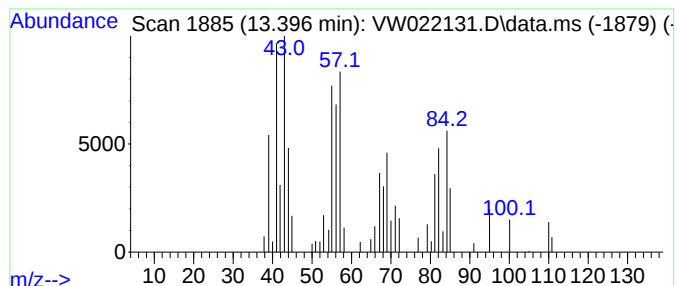
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Octanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.38 ug/L	23732	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	53
2	Octanal			128	C8H16O	000124-13-0	53
3	Octanal			128	C8H16O	000124-13-0	53
4	Octanal			128	C8H16O	000124-13-0	50
5	Octanal			128	C8H16O	000124-13-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022131.D
Acq On : 24 Feb 2022 11:20
Operator : SY/VA
Sample : N1631-08
Misc : 3.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRG7

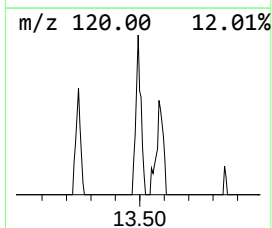
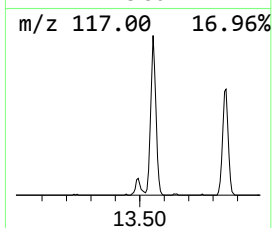
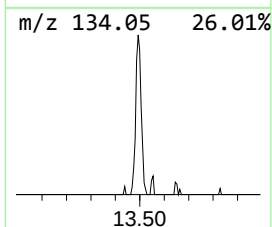
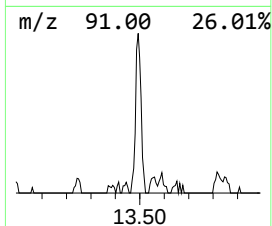
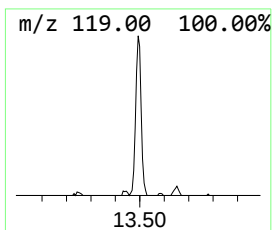
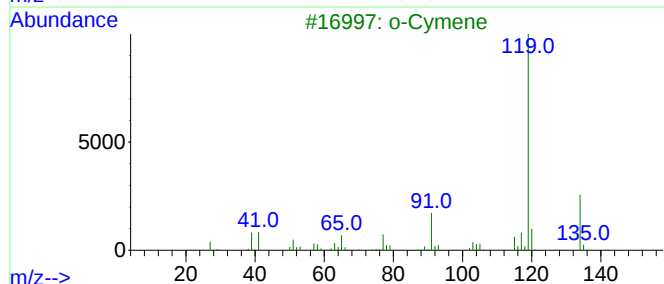
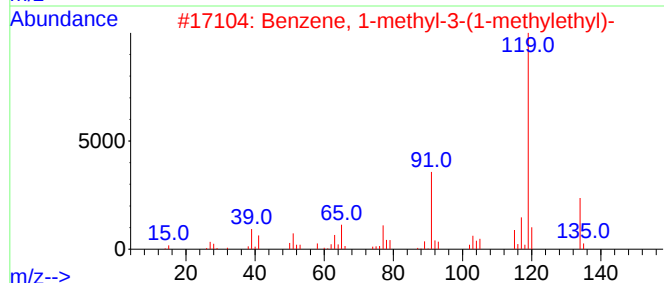
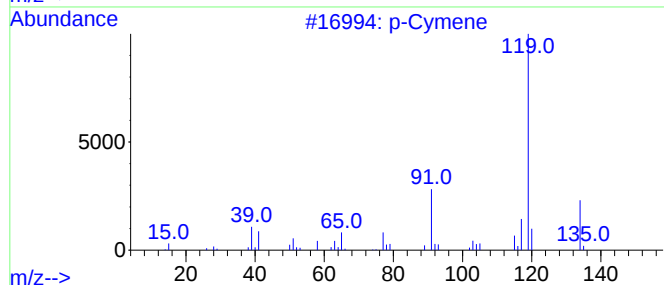
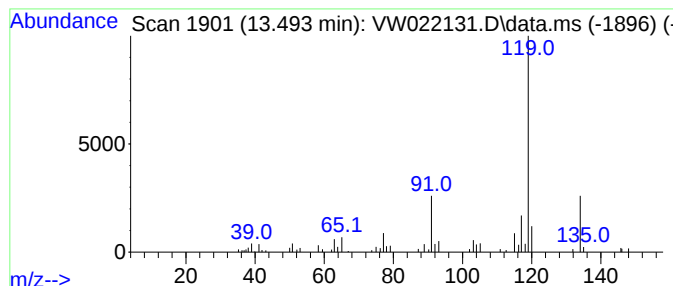
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Quant Title : SFAM01.0

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

Peak Number 6 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	1.61 ug/L	27717	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			o-Cymene	134	C10H14	000527-84-4	91
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5			p-Cymene	134	C10H14	000099-87-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022131.D
Acq On : 24 Feb 2022 11:20
Operator : SY/VA
Sample : N1631-08
Misc : 3.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRG7

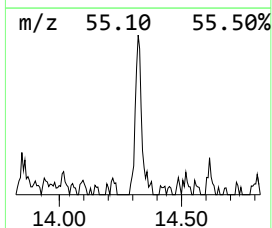
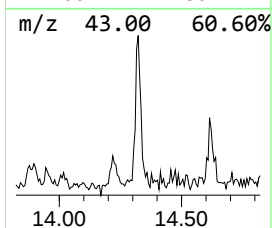
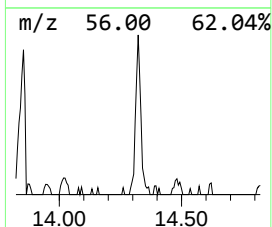
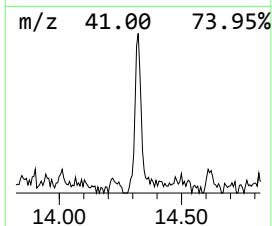
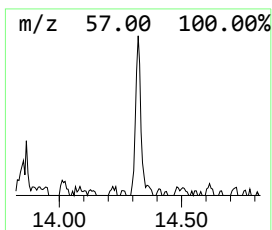
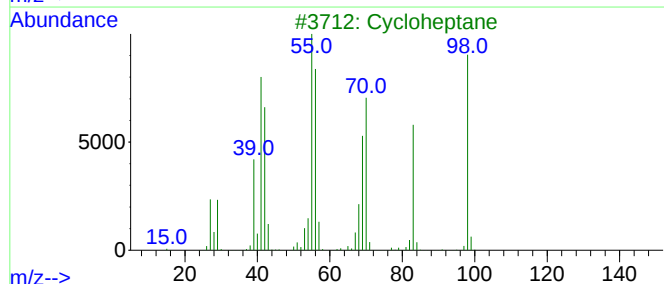
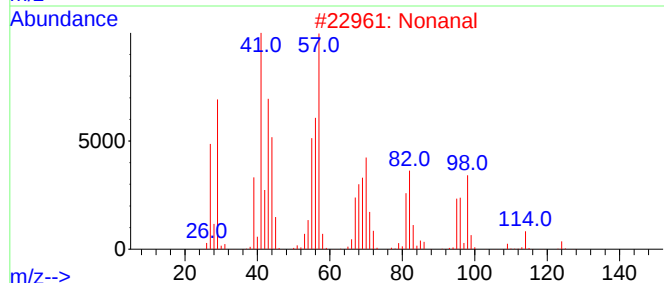
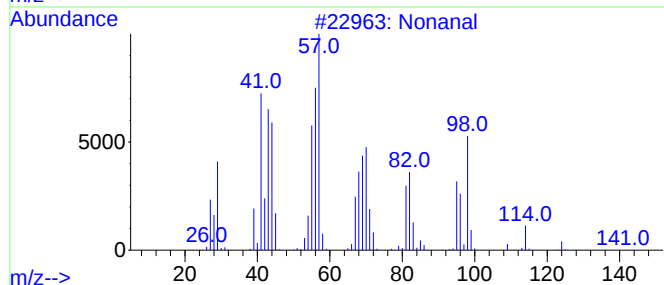
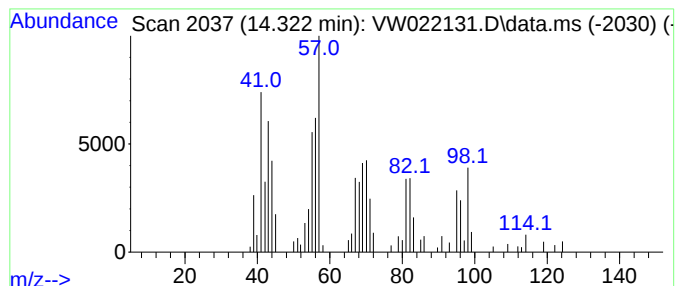
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Quant Title : SFAM01.0

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

Peak Number 7 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	2.10 ug/L	36108	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	87
2			Nonanal	142	C9H18O	000124-19-6	64
3			Cycloheptane	98	C7H14	000291-64-5	35
4			Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	25
5			(Z)-3-Heptene	98	C7H14	007642-10-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022131.D
Acq On : 24 Feb 2022 11:20
Operator : SY/VA
Sample : N1631-08
Misc : 3.65g/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	1.9	ug/L	35525	2	11.628	468672	25.0
Furfural	11.841	1.7	ug/L	31921	2	11.628	468672	25.0
Octanal	13.396	1.4	ug/L	23732	3	13.554	429561	25.0
p-Cymene	13.493	1.6	ug/L	27717	3	13.554	429561	25.0
Nonanal	14.322	2.1	ug/L	36108	3	13.554	429561	25.0