

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
 Data File : VW022136.D
 Acq On : 24 Feb 2022 15:32
 Operator : SY/VA
 Sample : N1631-23
 Misc : 3.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRM3

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: VW022136.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	68	73	81	rVB	34690	58452	13.25%	1.595%
2	2.508	94	99	106	rVB	5718	11415	2.59%	0.312%
3	2.885	155	161	171	rVB	24906	52026	11.80%	1.420%
4	3.696	292	294	295	rBV	469	306	0.07%	0.008%
5	3.879	323	324	326	rVB2	483	317	0.07%	0.009%
6	4.013	337	346	358	rBV	46305	128261	29.08%	3.501%
7	4.141	361	367	382	rVB	16273	50998	11.56%	1.392%
8	4.440	413	416	419	rBV3	354	534	0.12%	0.015%
9	4.471	419	421	422	rBV	333	283	0.06%	0.008%
10	4.513	425	428	429	rBV2	409	344	0.08%	0.009%
11	4.678	450	455	461	rBV4	704	1419	0.32%	0.039%
12	4.897	485	491	492	rBV4	2683	3551	0.81%	0.097%
13	5.074	518	520	523	rVB	397	436	0.10%	0.012%
14	5.105	523	525	526	rBV	397	261	0.06%	0.007%
15	5.135	528	530	533	rVV	277	277	0.06%	0.008%
16	5.306	556	558	561	rVB3	564	547	0.12%	0.015%
17	5.379	566	570	572	rBV	293	451	0.10%	0.012%
18	5.647	612	614	616	rVB2	508	365	0.08%	0.010%
19	5.690	616	621	625	rBV2	397	579	0.13%	0.016%
20	5.781	630	636	640	rBV5	1048	2414	0.55%	0.066%
21	5.934	653	661	662	rBV2	1231	2137	0.48%	0.058%
22	6.507	752	755	758	rBV2	459	535	0.12%	0.015%
23	6.592	767	769	770	rBV2	452	428	0.10%	0.012%
24	6.842	806	810	813	rBV3	259	407	0.09%	0.011%
25	6.903	813	820	832	rBV7	1318	5113	1.16%	0.140%
26	7.001	832	836	839	rBV2	566	847	0.19%	0.023%
27	7.086	842	850	860	rBV2	9922	28716	6.51%	0.784%
28	7.299	884	885	888	rVB2	480	377	0.09%	0.010%
29	7.330	888	890	893	rBV2	251	308	0.07%	0.008%
30	7.360	893	895	901	rVB2	520	729	0.17%	0.020%
31	7.409	901	903	909	rBV2	367	605	0.14%	0.017%
32	7.458	910	911	915	rVB	322	261	0.06%	0.007%
33	7.519	918	921	922	rBV2	299	278	0.06%	0.008%
34	7.537	922	924	926	rBV3	391	315	0.07%	0.009%
35	7.647	933	942	956	rVB	72671	182193	41.31%	4.973%
36	7.738	956	957	961	rVB2	499	353	0.08%	0.010%

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

37	7.775	961	963	964	rBV	350	314	0.07%	0.009%
38	7.860	975	977	980	rBV	428	490	0.11%	0.013%
39	7.933	988	989	991	rBV	372	275	0.06%	0.008%
40	8.007	998	1001	1002	rBV	323	264	0.06%	0.007%
41	8.025	1002	1004	1008	rVB4	431	498	0.11%	0.014%
42	8.061	1008	1010	1014	rVB	288	331	0.08%	0.009%
43	8.153	1024	1025	1027	rBV	352	343	0.08%	0.009%
44	8.275	1035	1045	1061	rBV2	131357	400109	90.72%	10.920%
45	8.549	1085	1090	1103	rVB7	3463	9467	2.15%	0.258%
46	8.769	1124	1126	1127	rBV2	729	547	0.12%	0.015%
47	8.842	1130	1138	1147	rVV	192957	378495	85.82%	10.331%
48	8.927	1149	1152	1159	rVB5	819	1718	0.39%	0.047%
49	9.067	1169	1175	1183	rBV9	1222	3134	0.71%	0.086%
50	9.153	1187	1189	1193	rVB2	294	286	0.06%	0.008%
51	9.275	1201	1209	1218	rBV	90535	188857	42.82%	5.155%
52	9.415	1225	1232	1238	rVB3	3643	7913	1.79%	0.216%
53	9.646	1266	1270	1271	rBV	1125	1171	0.27%	0.032%
54	9.744	1283	1286	1288	rBV	441	464	0.11%	0.013%
55	9.811	1295	1297	1300	rBV3	288	379	0.09%	0.010%
56	9.866	1302	1306	1307	rBV	443	361	0.08%	0.010%
57	10.037	1327	1334	1344	rVB	44200	82673	18.74%	2.256%
58	10.323	1373	1381	1388	rVV	197293	345345	78.30%	9.426%
59	10.384	1388	1391	1397	rVB	7717	12742	2.89%	0.348%
60	10.500	1405	1410	1415	rBV3	2536	4591	1.04%	0.125%
61	10.579	1416	1423	1430	rBV	29753	52008	11.79%	1.419%
62	10.701	1439	1443	1449	rVB2	2103	2944	0.67%	0.080%
63	10.774	1452	1455	1459	rBV4	383	584	0.13%	0.016%
64	10.927	1473	1480	1486	rBV	42266	76021	17.24%	2.075%
65	11.073	1498	1504	1513	rVB2	18744	34459	7.81%	0.941%
66	11.164	1518	1519	1521	rBV	308	290	0.07%	0.008%
67	11.280	1536	1538	1541	rBV3	555	713	0.16%	0.019%
68	11.628	1587	1595	1607	rVB	259655	441047	100.00%	12.038%
69	11.841	1623	1630	1642	rVV4	14024	35547	8.06%	0.970%
70	12.030	1657	1661	1662	rBV2	997	932	0.21%	0.025%
71	12.158	1679	1682	1683	rBV	1315	1298	0.29%	0.035%
72	12.237	1691	1695	1699	rVB5	1739	2988	0.68%	0.082%
73	12.335	1706	1711	1719	rBV2	11311	19322	4.38%	0.527%
74	12.506	1737	1739	1740	rBV	308	290	0.07%	0.008%
75	12.603	1748	1755	1762	rVB	13675	22788	5.17%	0.622%
76	12.689	1762	1769	1779	rBV	77287	132205	29.98%	3.608%

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 Title : SFAM01.0

77	12.798	1785	1787	1790	rVB3	857	718	0.16%	0.020%
78	12.865	1794	1798	1800	rBV3	1047	1283	0.29%	0.035%
79	12.932	1806	1809	1813	rBV3	4252	5626	1.28%	0.154%
80	13.048	1824	1828	1832	rBV4	1744	2655	0.60%	0.072%
81	13.195	1848	1852	1854	rBV4	932	1619	0.37%	0.044%
82	13.249	1857	1861	1863	rBV3	3837	6135	1.39%	0.167%
83	13.396	1879	1885	1892	rBV2	14427	25313	5.74%	0.691%
84	13.493	1893	1901	1905	rVV	13713	24921	5.65%	0.680%
85	13.554	1905	1911	1924	rVB	252102	423922	96.12%	11.570%
86	13.853	1953	1960	1967	rBV	164704	282210	63.99%	7.703%
87	13.951	1972	1976	1982	rVB6	2035	3057	0.69%	0.083%
88	14.066	1991	1995	2003	rVB2	6250	12167	2.76%	0.332%
89	14.182	2012	2014	2015	rBV2	509	412	0.09%	0.011%
90	14.219	2018	2020	2025	rVB4	2250	3196	0.72%	0.087%
91	14.322	2032	2037	2045	rVB	26355	40893	9.27%	1.116%
92	14.621	2081	2086	2092	rBV2	4452	7177	1.63%	0.196%
93	14.780	2109	2112	2113	rBV3	1316	1397	0.32%	0.038%
94	15.054	2154	2157	2158	rBV3	786	831	0.19%	0.023%
95	15.176	2172	2177	2184	rVB4	6698	11240	2.55%	0.307%
96	15.389	2207	2212	2215	rBV5	1369	2959	0.67%	0.081%
97	15.572	2240	2242	2246	rVB3	499	612	0.14%	0.017%
98	15.633	2250	2252	2254	rBV3	467	462	0.10%	0.013%
99	16.090	2323	2327	2332	rVB3	2741	3728	0.85%	0.102%
100	16.779	2438	2440	2441	rBV2	370	271	0.06%	0.007%

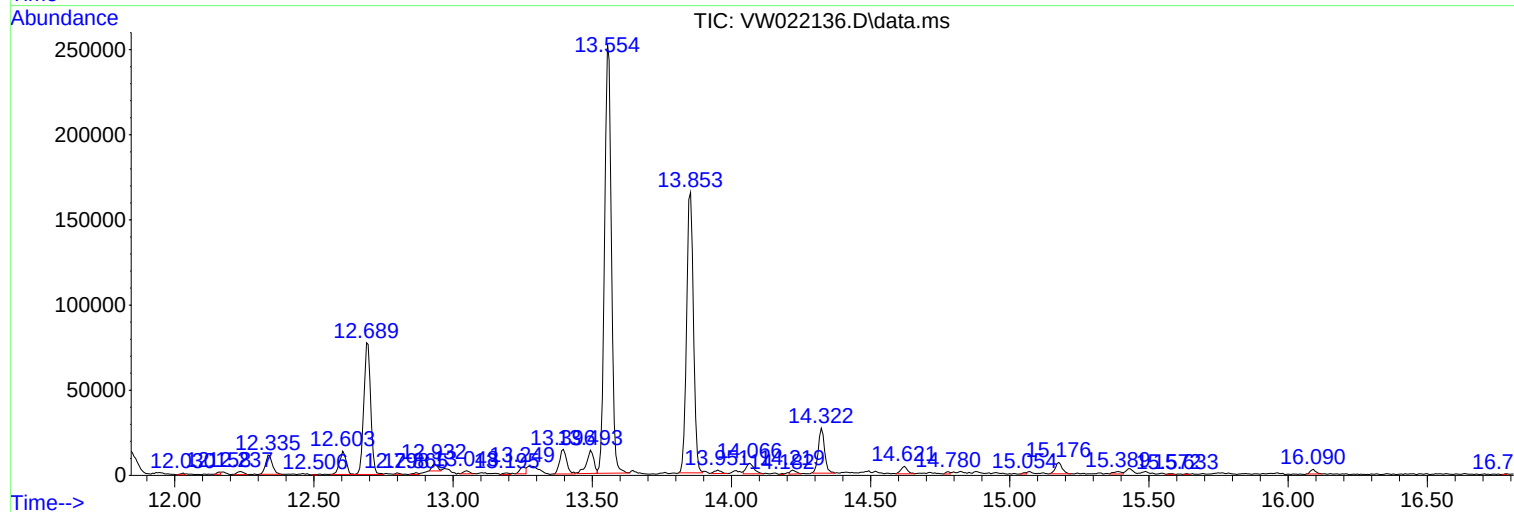
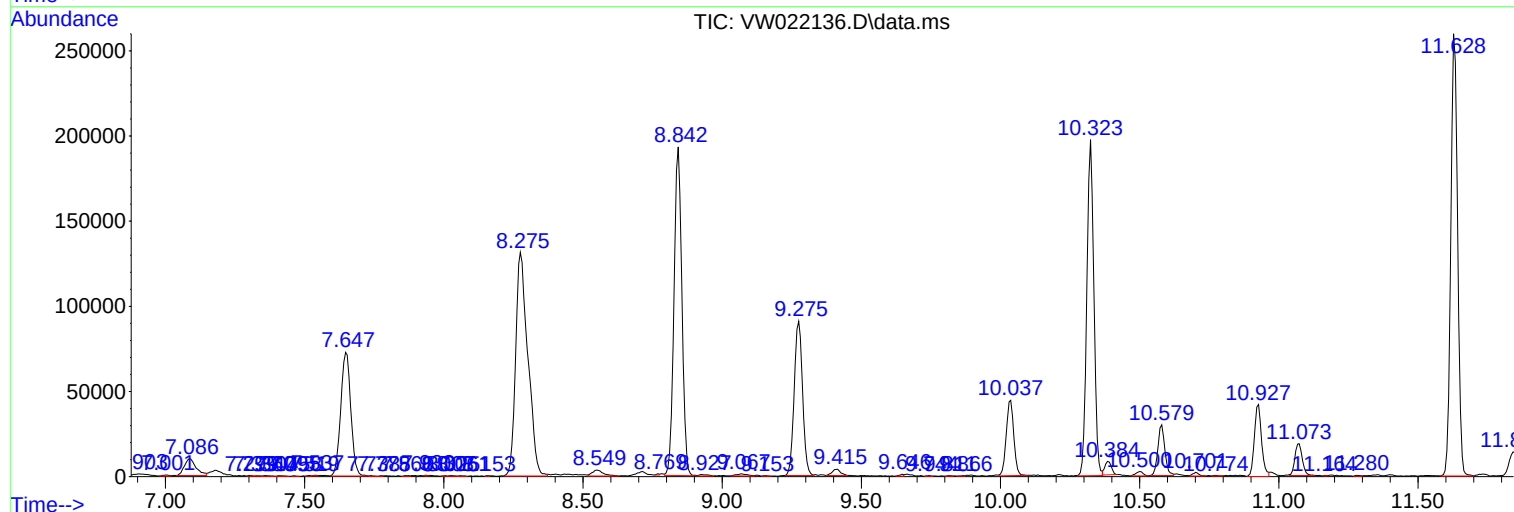
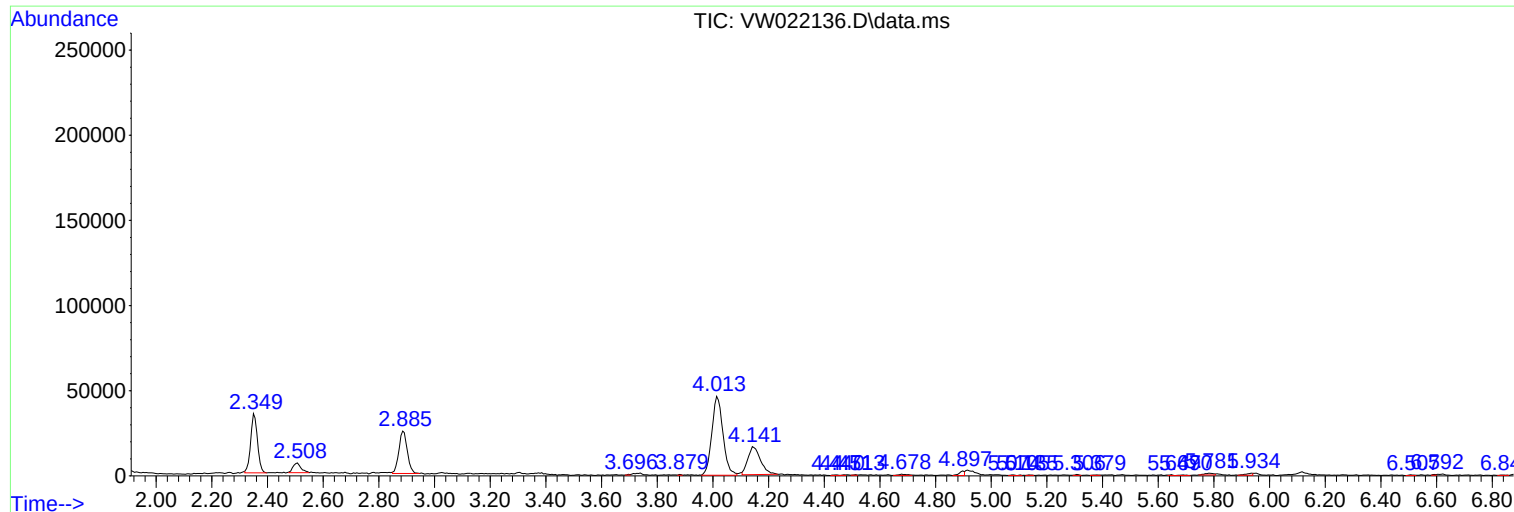
Sum of corrected areas: 3663845

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Instrument :
MSVOA_W
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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



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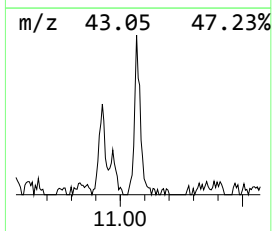
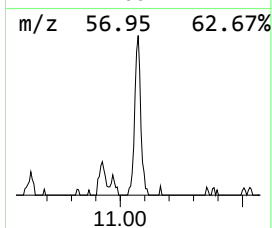
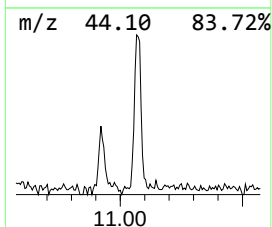
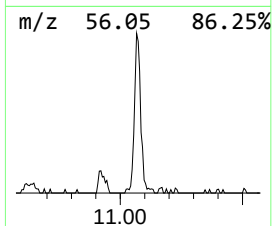
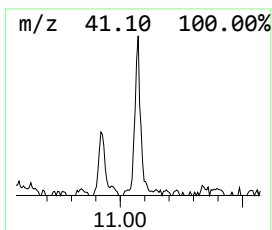
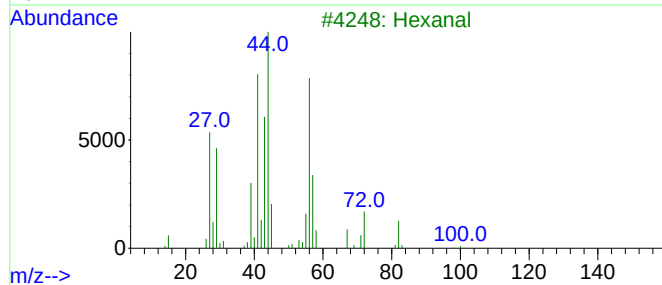
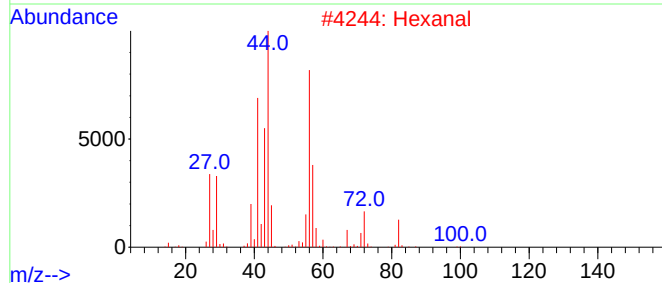
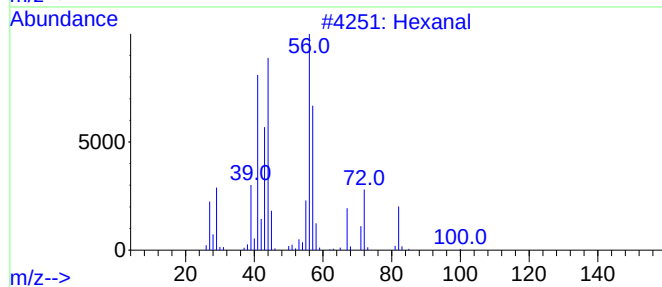
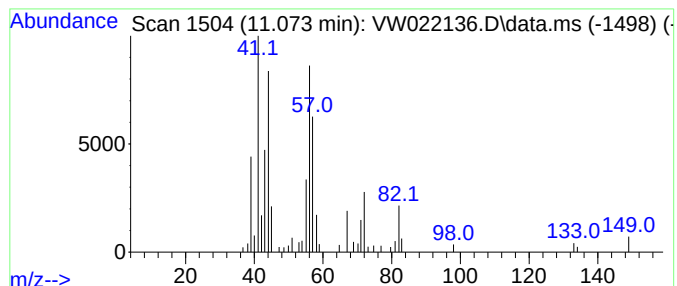
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	1.95 ug/L	34459	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	64
2	Hexanal			100	C6H12O	000066-25-1	59
3	Hexanal			100	C6H12O	000066-25-1	59
4	Hexanal			100	C6H12O	000066-25-1	45
5	Hexanal			100	C6H12O	000066-25-1	40



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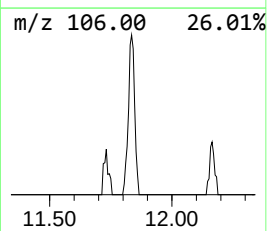
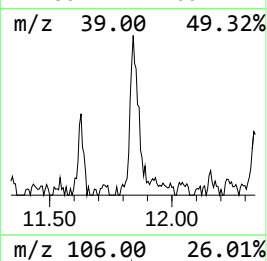
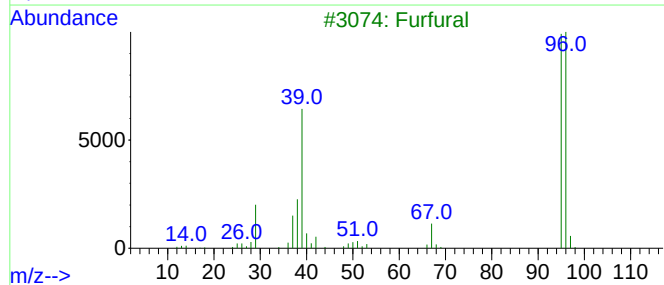
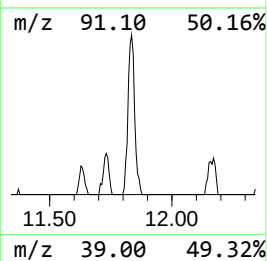
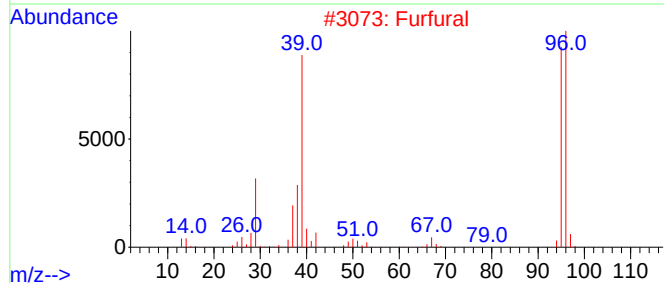
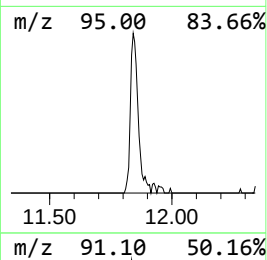
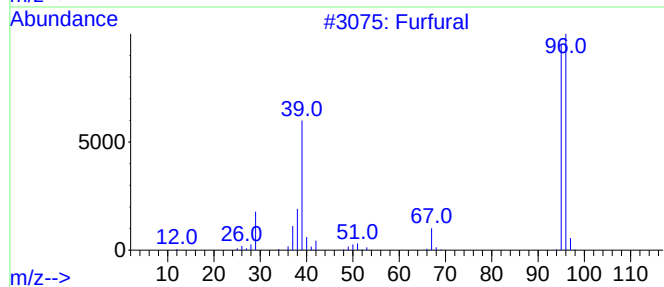
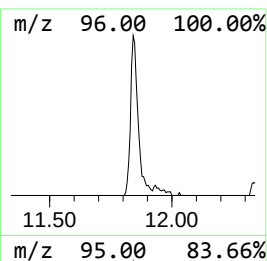
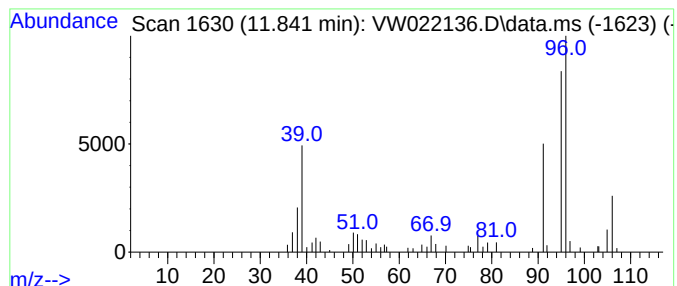
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Furfural Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	2.01 ug/L	35547	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	90
2	Furfural			96	C5H4O2	000098-01-1	86
3	Furfural			96	C5H4O2	000098-01-1	58
4	Furfural			96	C5H4O2	000098-01-1	58
5	3(2H)-Pyridazinone			96	C4H4N2O	000504-30-3	52



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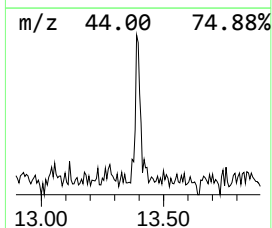
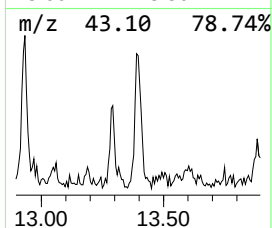
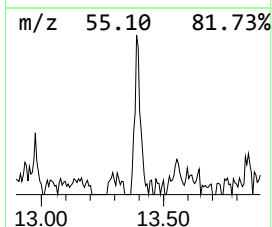
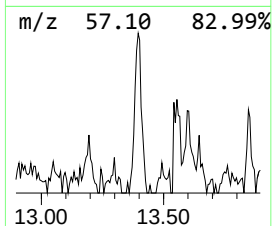
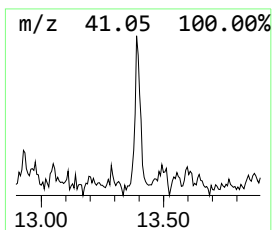
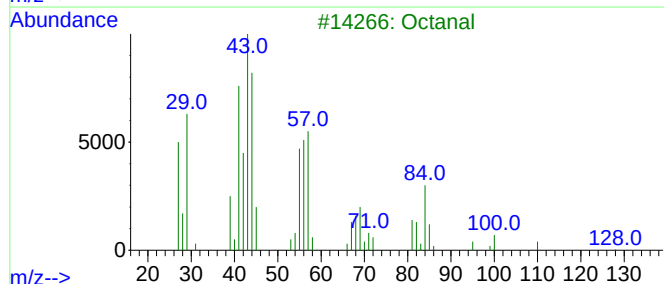
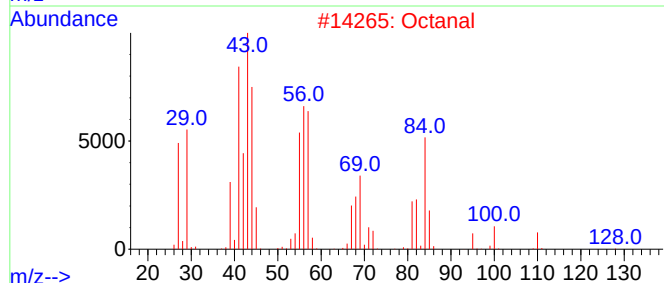
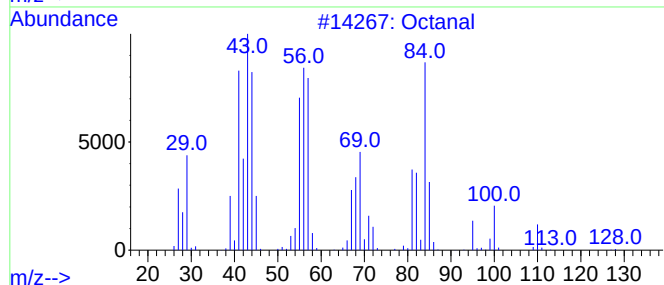
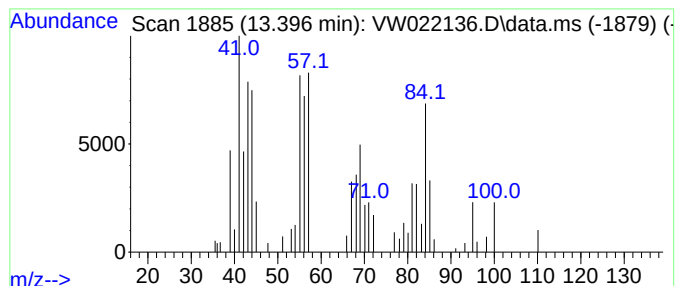
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.49 ug/L	25313	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	90
2	Octanal			128	C8H16O	000124-13-0	78
3	Octanal			128	C8H16O	000124-13-0	78
4	Octanal			128	C8H16O	000124-13-0	72
5	Octanal			128	C8H16O	000124-13-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022136.D
Acq On : 24 Feb 2022 15:32
Operator : SY/VA
Sample : N1631-23
Misc : 3.47g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRM3

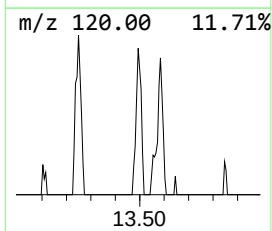
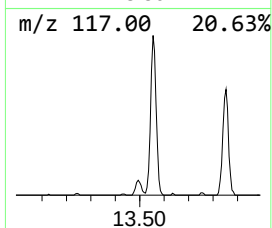
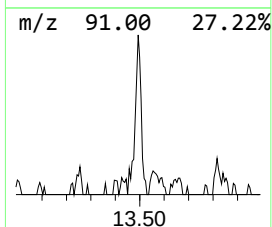
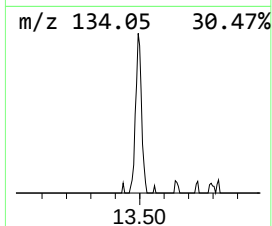
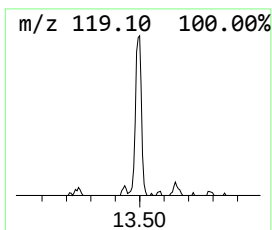
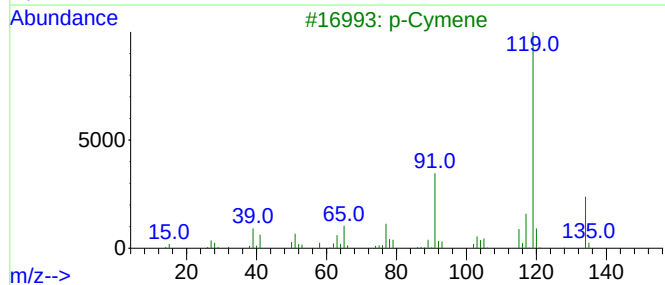
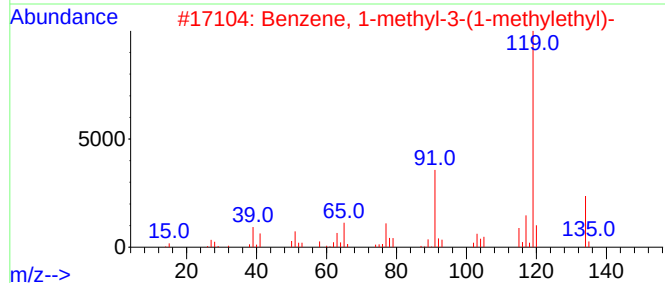
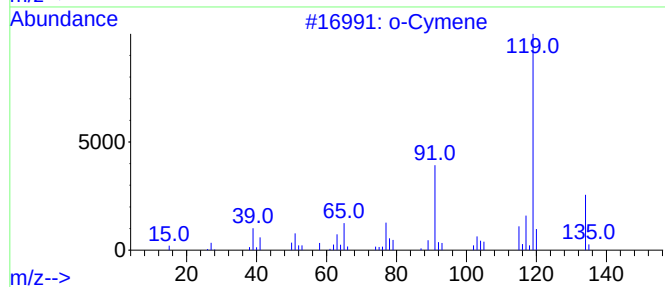
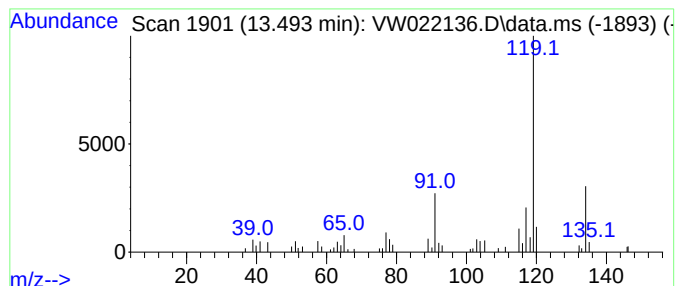
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Quant Title : SFAM01.0

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

Peak Number 6 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	1.47 ug/L	24921	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
3			p-Cymene	134	C10H14	000099-87-6	90
4			p-Cymene	134	C10H14	000099-87-6	90
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022136.D
Acq On : 24 Feb 2022 15:32
Operator : SY/VA
Sample : N1631-23
Misc : 3.47g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRM3

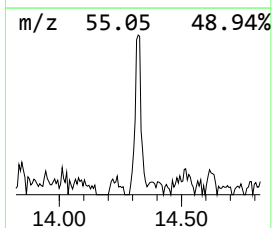
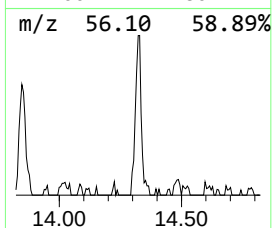
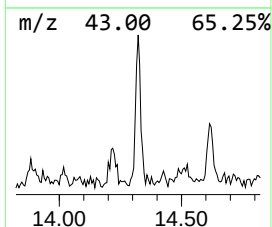
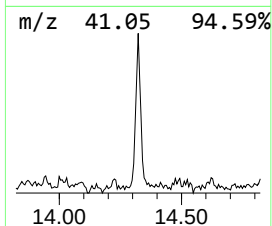
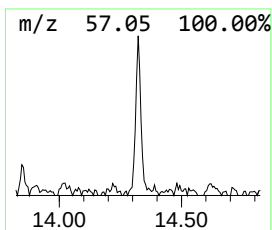
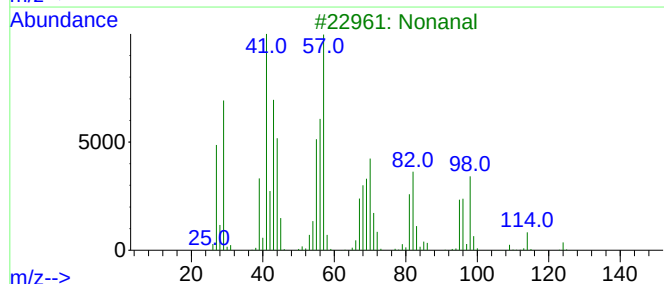
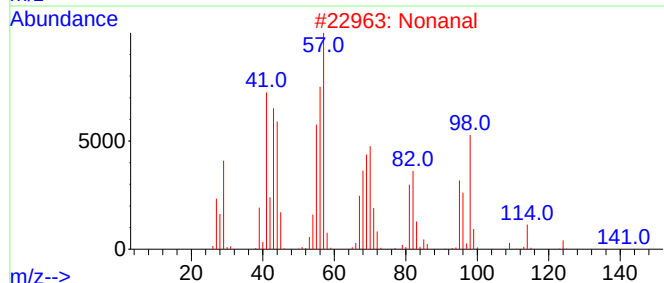
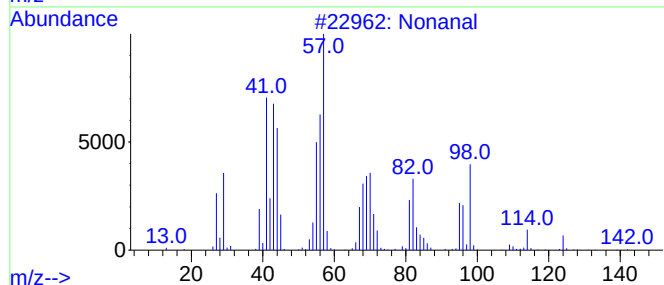
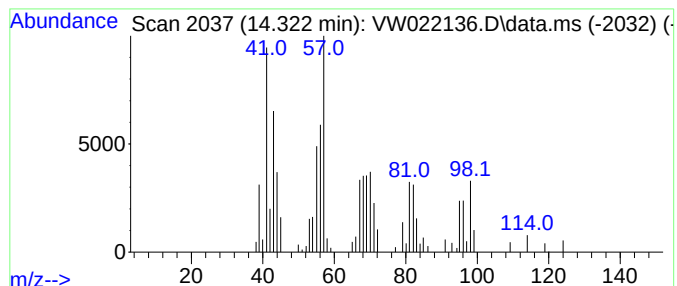
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Quant Title : SFAM01.0

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.
14.323	2.41 ug/L	40893	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	72
2			Nonanal	142	C9H18O	000124-19-6	72
3			Nonanal	142	C9H18O	000124-19-6	68
4			2-Nonen-1-ol	142	C9H18O	022104-79-6	35
5			(Z)-3-Heptene	98	C7H14	007642-10-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022136.D
Acq On : 24 Feb 2022 15:32
Operator : SY/VA
Sample : N1631-23
Misc : 3.47g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRM3

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	11.073	2.0	ug/L	34459	2	11.628	441047	25.0
Furfural	11.841	2.0	ug/L	35547	2	11.628	441047	25.0
Octanal	13.396	1.5	ug/L	25313	3	13.560	423922	25.0
o-Cymene	13.493	1.5	ug/L	24921	3	13.560	423922	25.0
Nonanal	14.323	2.4	ug/L	40893	3	13.560	423922	25.0