

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022522\
 Data File : VW022149.D
 Acq On : 25 Feb 2022 11:12
 Operator : SY/VA
 Sample : N1631-23
 Misc : 2.87g/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: VW022149.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	82	rVB	53132	89933	18.12%	2.139%
2	2.501	93	98	107	rVB	6878	13642	2.75%	0.324%
3	2.885	154	161	170	rBV2	34993	74531	15.01%	1.773%
4	3.324	231	233	238	rBV	313	451	0.09%	0.011%
5	3.452	252	254	258	rVB2	358	414	0.08%	0.010%
6	3.525	260	266	269	rVV	235	405	0.08%	0.010%
7	3.580	272	275	278	rBV4	352	419	0.08%	0.010%
8	3.727	292	299	302	rBV4	945	2134	0.43%	0.051%
9	3.806	310	312	316	rVB2	646	678	0.14%	0.016%
10	3.891	323	326	328	rBV2	485	641	0.13%	0.015%
11	4.013	334	346	356	rBV	64016	179664	36.19%	4.273%
12	4.129	358	365	377	rVB	19380	52724	10.62%	1.254%
13	4.367	401	404	407	rBV3	500	576	0.12%	0.014%
14	4.696	456	458	462	rVV4	388	508	0.10%	0.012%
15	4.909	486	493	505	rVV6	3119	10686	2.15%	0.254%
16	4.995	505	507	510	rVV2	718	858	0.17%	0.020%
17	5.019	510	511	514	rVV3	583	603	0.12%	0.014%
18	5.117	524	527	530	rBV3	376	582	0.12%	0.014%
19	5.684	618	620	623	rVB	435	382	0.08%	0.009%
20	5.763	627	633	634	rBV3	658	1051	0.21%	0.025%
21	5.866	647	650	652	rVB2	385	399	0.08%	0.009%
22	5.940	652	662	665	rBV7	1358	3690	0.74%	0.088%
23	6.116	681	691	700	rBV6	2007	6275	1.26%	0.149%
24	6.452	744	746	750	rVB2	265	419	0.08%	0.010%
25	6.598	766	770	772	rBV3	723	902	0.18%	0.021%
26	6.897	812	819	820	rBV3	1510	2324	0.47%	0.055%
27	6.976	829	832	833	rBV2	488	472	0.10%	0.011%
28	7.086	841	850	857	rBV	9730	27654	5.57%	0.658%
29	7.537	922	924	929	rVB3	465	592	0.12%	0.014%
30	7.647	932	942	952	rBV	90965	223273	44.98%	5.310%
31	7.762	959	961	964	rBV	559	493	0.10%	0.012%
32	7.842	969	974	977	rVB2	361	659	0.13%	0.016%
33	7.872	977	979	982	rBV2	317	382	0.08%	0.009%
34	8.073	1009	1012	1014	rBV2	401	358	0.07%	0.009%
35	8.275	1035	1045	1062	rBV2	170530	496428	100.00%	11.806%
36	8.543	1087	1089	1090	rBV2	1519	1139	0.23%	0.027%

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37	8.713	1108	1117	1122	rBV8	2902	7460	1.50%	0.177%
38	8.842	1130	1138	1147	rVB	216610	414015	83.40%	9.846%
39	9.049	1168	1172	1174	rBV3	882	1190	0.24%	0.028%
40	9.195	1193	1196	1198	rVB	469	503	0.10%	0.012%
41	9.274	1200	1209	1217	rBV	111146	226931	45.71%	5.397%
42	9.409	1226	1231	1237	rBV2	3941	7110	1.43%	0.169%
43	9.652	1267	1271	1273	rBV4	647	958	0.19%	0.023%
44	9.793	1292	1294	1298	rVB	347	427	0.09%	0.010%
45	10.036	1323	1334	1344	rVB	56671	105785	21.31%	2.516%
46	10.152	1351	1353	1357	rVB2	456	482	0.10%	0.011%
47	10.213	1357	1363	1368	rBV3	839	1678	0.34%	0.040%
48	10.323	1370	1381	1388	rBV	254730	445500	89.74%	10.595%
49	10.384	1388	1391	1401	rVB	8682	16119	3.25%	0.383%
50	10.500	1405	1410	1415	rVB7	2409	5081	1.02%	0.121%
51	10.579	1416	1423	1429	rBV	34802	60617	12.21%	1.442%
52	10.701	1440	1443	1447	rVB2	1475	2190	0.44%	0.052%
53	10.927	1473	1480	1493	rBV	38826	69660	14.03%	1.657%
54	11.073	1498	1504	1513	rBV2	16918	30077	6.06%	0.715%
55	11.305	1539	1542	1543	rBV	419	360	0.07%	0.009%
56	11.341	1545	1548	1553	rBV4	945	1661	0.33%	0.040%
57	11.402	1555	1558	1563	rVB4	596	906	0.18%	0.022%
58	11.481	1566	1571	1573	rVB3	471	592	0.12%	0.014%
59	11.524	1573	1578	1580	rBV4	514	888	0.18%	0.021%
60	11.628	1588	1595	1605	rBV	272464	474066	95.50%	11.275%
61	11.731	1609	1612	1616	rVB2	1171	1552	0.31%	0.037%
62	11.780	1619	1620	1623	rBV3	513	485	0.10%	0.012%
63	11.835	1623	1629	1639	rBV4	15813	37857	7.63%	0.900%
64	11.939	1643	1646	1652	rVB4	1255	2537	0.51%	0.060%
65	12.097	1669	1672	1677	rBB3	548	610	0.12%	0.015%
66	12.164	1678	1683	1690	rVB8	1635	3209	0.65%	0.076%
67	12.237	1690	1695	1699	rBV2	2001	3011	0.61%	0.072%
68	12.335	1703	1711	1718	rBV2	11028	20232	4.08%	0.481%
69	12.597	1747	1754	1762	rBV3	6694	13046	2.63%	0.310%
70	12.688	1762	1769	1777	rBV	77127	131514	26.49%	3.128%
71	12.865	1794	1798	1802	rBV4	1091	2156	0.43%	0.051%
72	12.902	1802	1804	1805	rBV2	1055	1026	0.21%	0.024%
73	13.048	1824	1828	1832	rBV5	1513	2421	0.49%	0.058%
74	13.170	1847	1848	1849	rBV	569	408	0.08%	0.010%
75	13.249	1856	1861	1862	rBV3	3515	4678	0.94%	0.111%
76	13.396	1879	1885	1890	rBV3	12784	21693	4.37%	0.516%

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 Title : SFAM01.0

77	13.493	1895	1901	1905	rBV	17602	27217	5.48%	0.647%
78	13.554	1905	1911	1923	rVB	277166	450699	90.79%	10.719%
79	13.853	1953	1960	1969	rBV	205543	340143	68.52%	8.090%
80	13.950	1973	1976	1982	rVB5	2581	3942	0.79%	0.094%
81	14.017	1982	1987	1989	rBV6	2195	3391	0.68%	0.081%
82	14.066	1991	1995	2000	rVB2	6428	10598	2.13%	0.252%
83	14.200	2012	2017	2018	rBV4	854	1271	0.26%	0.030%
84	14.219	2018	2020	2023	rVB2	1262	1441	0.29%	0.034%
85	14.322	2032	2037	2043	rVB2	17706	26371	5.31%	0.627%
86	14.621	2081	2086	2094	rBV6	2483	4936	0.99%	0.117%
87	14.773	2109	2111	2113	rBV3	766	872	0.18%	0.021%
88	15.072	2158	2160	2161	rBV2	671	383	0.08%	0.009%
89	15.176	2172	2177	2184	rVB4	3424	5778	1.16%	0.137%
90	15.353	2204	2206	2207	rBV2	609	589	0.12%	0.014%
91	15.432	2215	2219	2222	rVB3	3018	4453	0.90%	0.106%
92	15.560	2236	2240	2243	rVB4	793	1088	0.22%	0.026%
93	15.743	2265	2270	2271	rBV2	505	730	0.15%	0.017%
94	15.950	2300	2304	2305	rVV3	451	551	0.11%	0.013%
95	16.078	2323	2325	2326	rBV2	513	448	0.09%	0.011%
96	16.139	2334	2335	2340	rVV2	432	468	0.09%	0.011%
97	16.188	2340	2343	2347	rVB2	432	633	0.13%	0.015%
98	16.432	2381	2383	2385	rVV	697	392	0.08%	0.009%
99	16.493	2388	2393	2395	rVB3	554	803	0.16%	0.019%
100	16.743	2432	2434	2436	rBV2	456	503	0.10%	0.012%

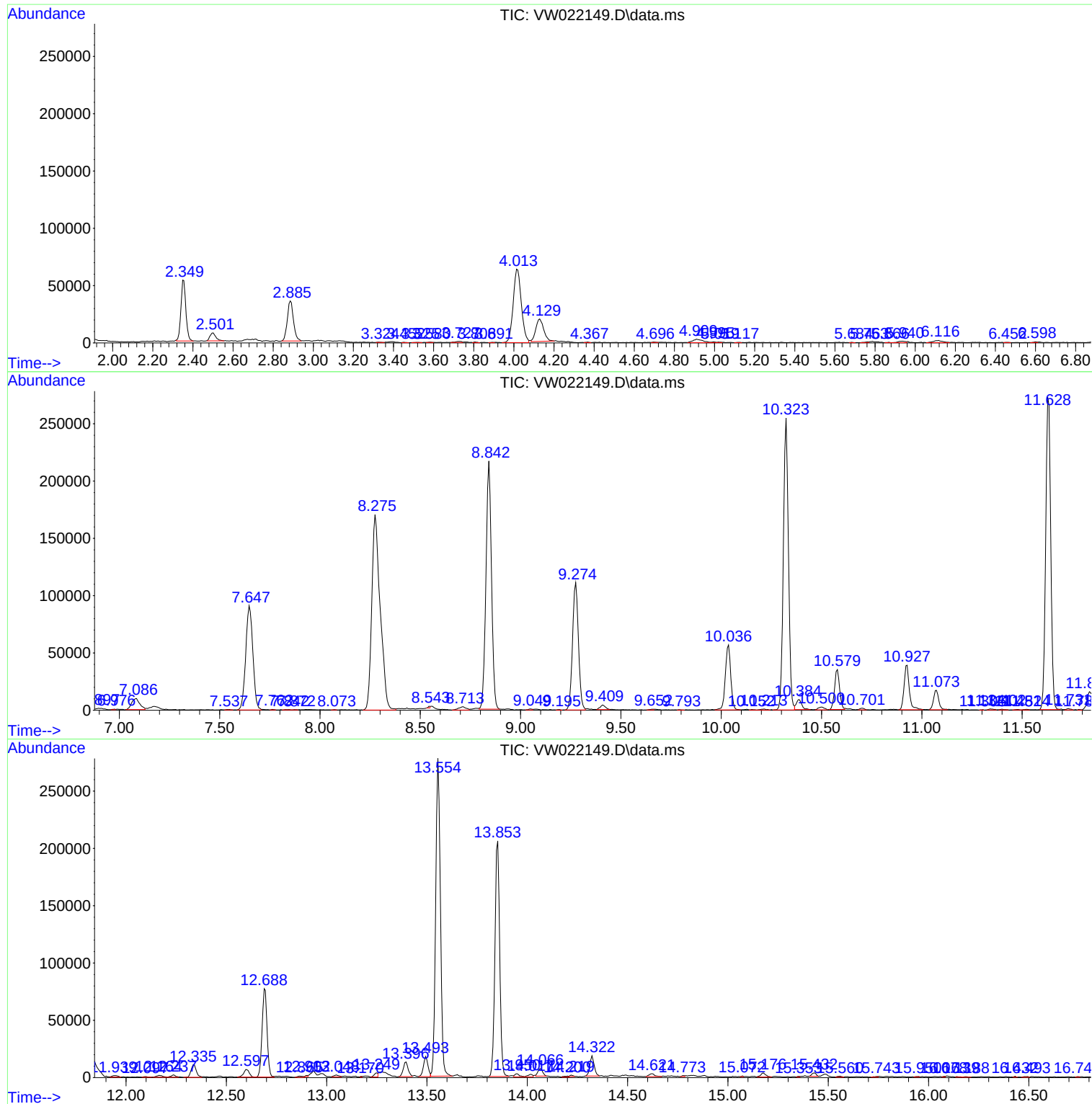
Sum of corrected areas: 4204732

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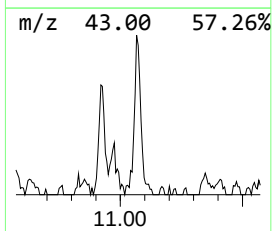
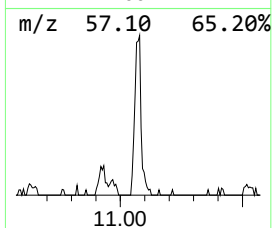
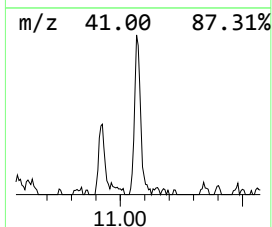
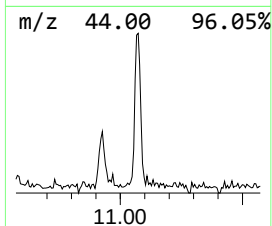
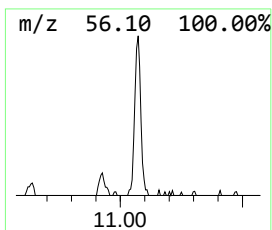
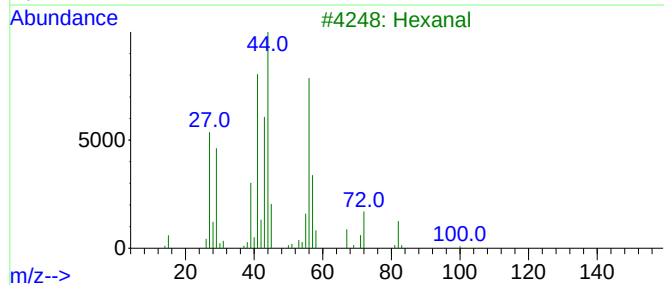
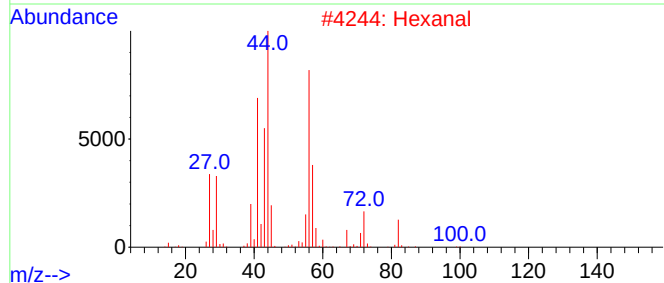
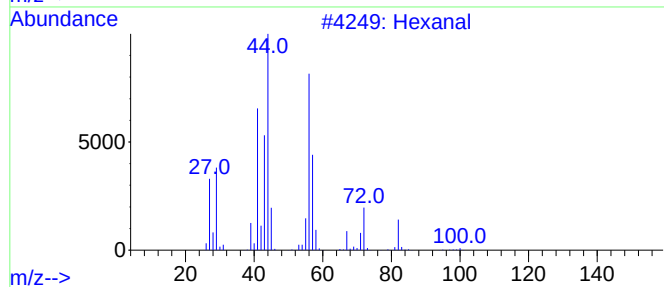
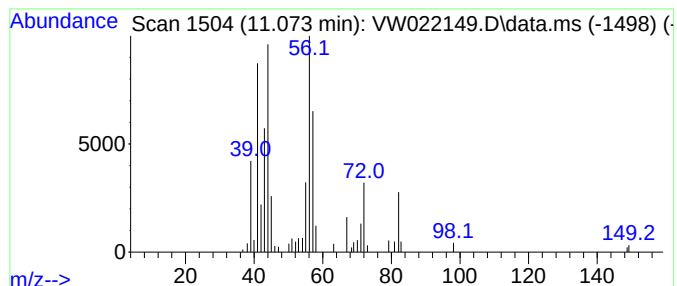
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	1.59 ug/L	30077	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	64
2	Hexanal			100	C6H12O	000066-25-1	64
3	Hexanal			100	C6H12O	000066-25-1	53
4	Hexanal			100	C6H12O	000066-25-1	53
5	Hexanal			100	C6H12O	000066-25-1	53



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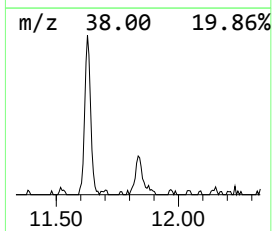
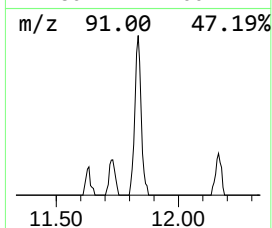
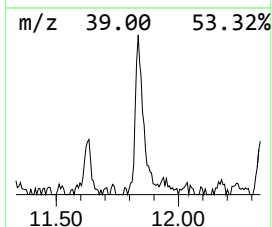
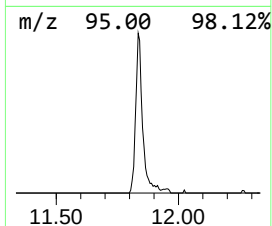
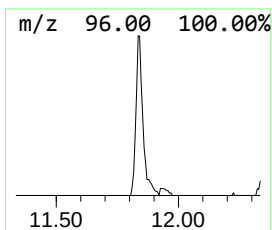
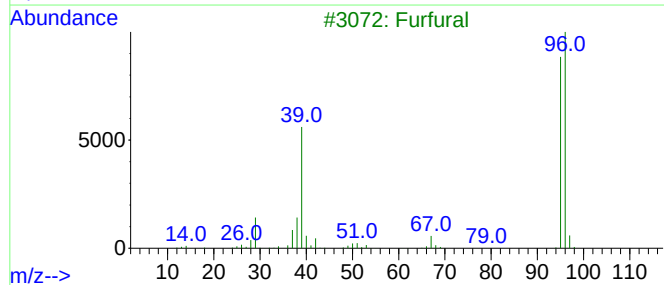
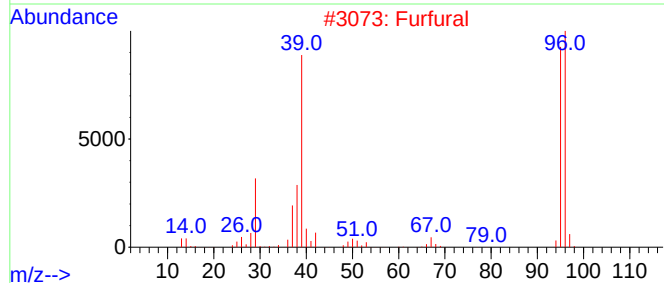
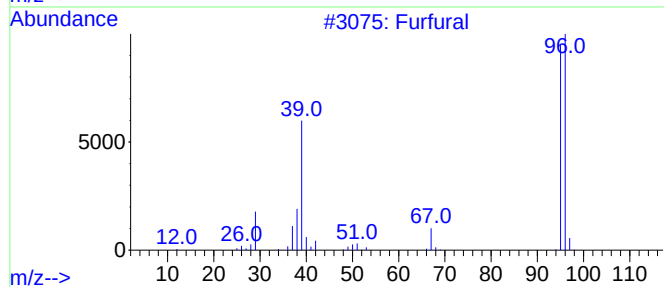
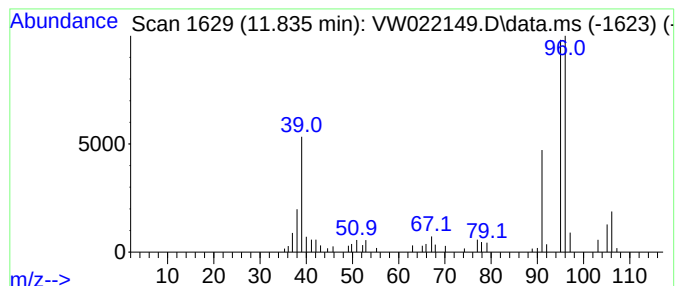
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Furfural Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.835	2.00 ug/L	37857	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furfural	96	C5H4O2	000098-01-1	90
2			Furfural	96	C5H4O2	000098-01-1	90
3			Furfural	96	C5H4O2	000098-01-1	87
4			Furfural	96	C5H4O2	000098-01-1	78
5			1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	72



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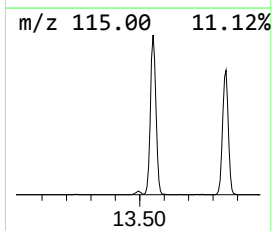
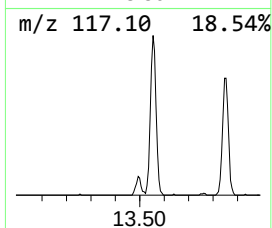
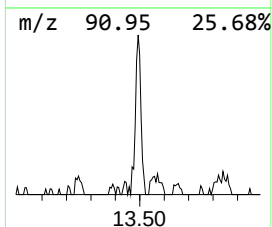
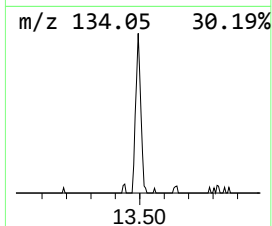
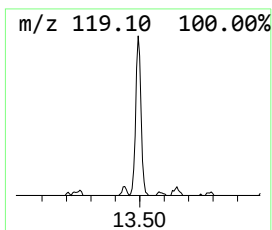
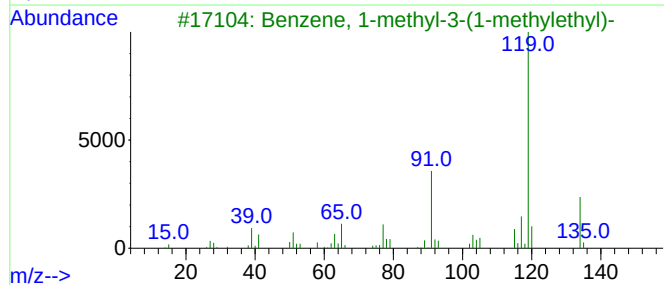
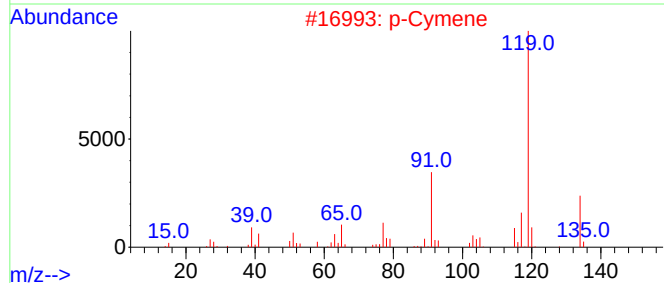
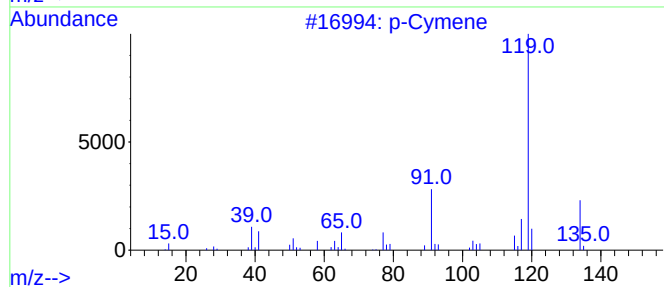
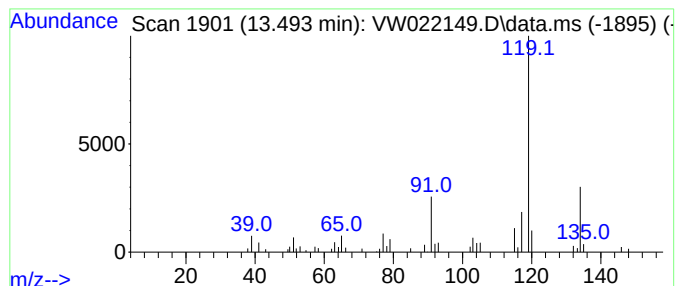
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	1.51 ug/L	27217	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			p-Cymene	134	C10H14	000099-87-6	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRM3

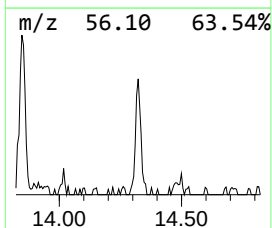
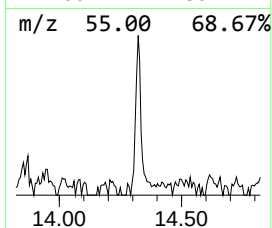
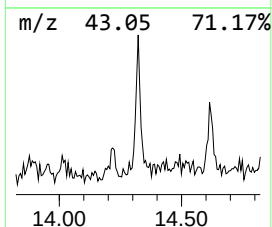
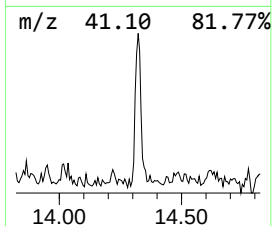
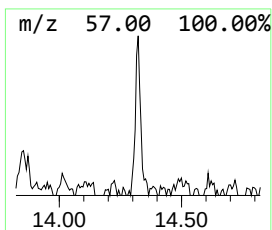
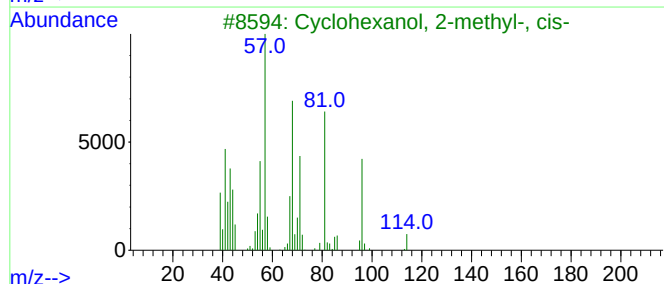
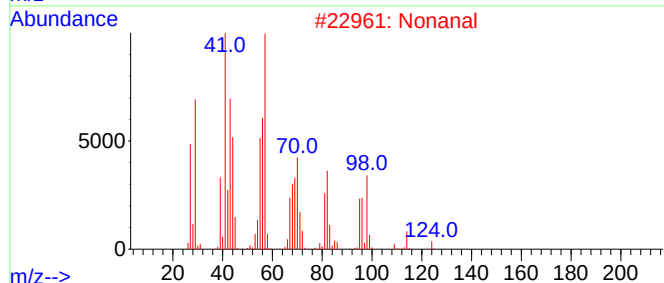
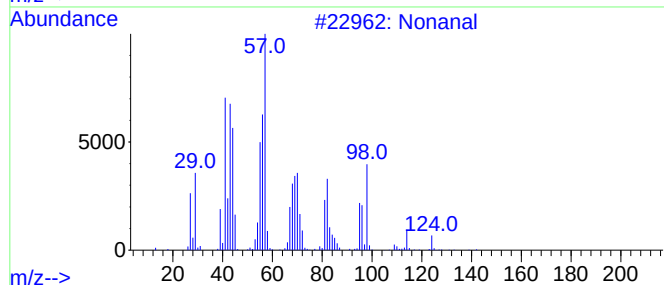
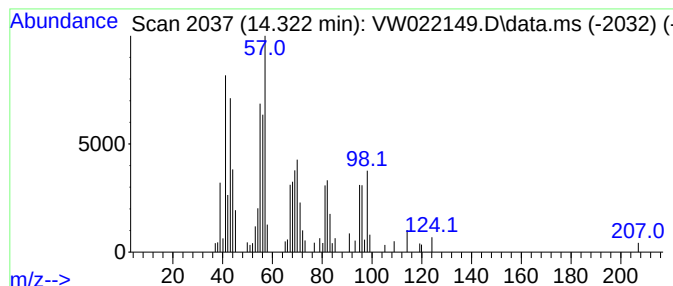
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Quant Title : SFAM01.0

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

Peak Number 5 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	1.46 ug/L	26371	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	78
2			Nonanal	142	C9H18O	000124-19-6	58
3			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	42
4			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	42
5			Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022522\
Data File : VW022149.D
Acq On : 25 Feb 2022 11:12
Operator : SY/VA
Sample : N1631-23
Misc : 2.87g/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\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	11.073	1.6	ug/L	30077	2	11.634	474066	25.0
Furfural	11.835	2.0	ug/L	37857	2	11.634	474066	25.0
p-Cymene	13.493	1.5	ug/L	27217	3	13.554	450699	25.0
Nonanal	14.322	1.5	ug/L	26371	3	13.554	450699	25.0