

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021105.D
 Acq On : 04 Dec 2021 08:27
 Operator : SY/VA
 Sample : M4883-19
 Misc : 4.12g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9H5

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\SFAMWLM120321SMA.M
 Title : SFAM01.0

Signal : TIC: VW021105.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	69	74	81	rVB	36376	59011	9.58%	1.637%
2	2.885	156	161	171	rVB	23131	45953	7.46%	1.275%
3	4.019	337	347	360	rBV2	44370	123757	20.10%	3.434%
4	4.568	436	437	441	rBB	99	112	0.02%	0.003%
5	4.653	448	451	452	rBV	84	97	0.02%	0.003%
6	4.842	480	482	484	rBB	83	81	0.01%	0.002%
7	4.922	484	495	505	rBV3	5482	16763	2.72%	0.465%
8	5.117	523	527	528	rBV	227	247	0.04%	0.007%
9	5.196	538	540	542	rBV	141	138	0.02%	0.004%
10	5.354	562	566	568	rBB	155	178	0.03%	0.005%
11	5.379	568	570	572	rBV	126	127	0.02%	0.004%
12	5.470	584	585	586	rBV	143	76	0.01%	0.002%
13	5.501	589	590	593	rVB	159	97	0.02%	0.003%
14	5.604	604	607	609	rBB	78	99	0.02%	0.003%
15	5.671	616	618	621	rBB	125	113	0.02%	0.003%
16	5.738	627	629	631	rBV	97	106	0.02%	0.003%
17	5.903	653	656	657	rBB	117	95	0.02%	0.003%
18	5.940	657	662	670	rBV3	642	1557	0.25%	0.043%
19	6.165	697	699	701	rBB	79	78	0.01%	0.002%
20	6.232	709	710	713	rBV	70	85	0.01%	0.002%
21	6.305	721	722	724	rBB	131	95	0.02%	0.003%
22	6.403	735	738	740	rBB	103	113	0.02%	0.003%
23	6.464	746	748	751	rVB	127	112	0.02%	0.003%
24	6.525	755	758	759	rBV	133	134	0.02%	0.004%
25	6.726	788	791	792	rBV	83	104	0.02%	0.003%
26	6.793	801	802	804	rBV	100	89	0.01%	0.002%
27	6.854	810	812	814	rBV	153	133	0.02%	0.004%
28	7.080	841	849	855	rBV	8994	25354	4.12%	0.703%
29	7.458	909	911	913	rBV	124	110	0.02%	0.003%
30	7.549	921	926	927	rBB	102	141	0.02%	0.004%
31	7.580	928	931	932	rBV	71	91	0.01%	0.003%
32	7.653	932	943	954	rVB	62228	152848	24.82%	4.241%
33	7.964	991	994	996	rBB	70	89	0.01%	0.002%
34	7.988	996	998	1001	rBV	66	103	0.02%	0.003%
35	8.171	1026	1028	1030	rBB	100	78	0.01%	0.002%
36	8.275	1033	1045	1050	rBV	121444	329646	53.53%	9.146%

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 Title : SFAM01.0

37	8.781	1126	1128	1130	rBV	71	92	0.01%	0.003%
38	8.842	1130	1138	1147	rVV	85744	171363	27.83%	4.755%
39	8.939	1151	1154	1158	rBB	81	120	0.02%	0.003%
40	9.091	1172	1179	1187	rBB2	11541	22205	3.61%	0.616%
41	9.146	1187	1188	1190	rBB2	138	79	0.01%	0.002%
42	9.207	1197	1198	1201	rBV2	84	98	0.02%	0.003%
43	9.274	1201	1209	1218	rBV	80600	165878	26.94%	4.602%
44	9.561	1254	1256	1258	rBV	67	88	0.01%	0.002%
45	9.591	1260	1261	1266	rBB	111	142	0.02%	0.004%
46	9.628	1266	1267	1271	rBB	74	97	0.02%	0.003%
47	9.738	1283	1285	1287	rBB	79	77	0.01%	0.002%
48	9.768	1288	1290	1293	rBB	160	107	0.02%	0.003%
49	9.811	1294	1297	1299	rBB	86	108	0.02%	0.003%
50	9.896	1307	1311	1313	rBB	278	264	0.04%	0.007%
51	9.969	1320	1323	1324	rBV	72	87	0.01%	0.002%
52	10.036	1327	1334	1341	rVV	31255	55605	9.03%	1.543%
53	10.207	1359	1362	1367	rBB	316	481	0.08%	0.013%
54	10.323	1373	1381	1387	rBV	158210	272151	44.20%	7.551%
55	10.390	1387	1392	1399	rVB	35101	61204	9.94%	1.698%
56	10.494	1406	1409	1411	rBB	240	253	0.04%	0.007%
57	10.579	1417	1423	1430	rBV2	15360	25909	4.21%	0.719%
58	10.646	1430	1434	1438	rVV2	265	467	0.08%	0.013%
59	10.707	1438	1444	1451	rVB	9881	17053	2.77%	0.473%
60	10.859	1463	1469	1475	rBV	15118	25624	4.16%	0.711%
61	10.927	1475	1480	1492	rVB	32701	56073	9.11%	1.556%
62	11.067	1497	1503	1508	rBV	4895	7738	1.26%	0.215%
63	11.176	1516	1521	1525	rBB2	410	591	0.10%	0.016%
64	11.237	1529	1531	1532	rBB2	165	89	0.01%	0.002%
65	11.347	1546	1549	1550	rBV	120	104	0.02%	0.003%
66	11.396	1555	1557	1558	rBV	92	76	0.01%	0.002%
67	11.439	1558	1564	1571	rVB	8304	13424	2.18%	0.372%
68	11.634	1588	1596	1603	rBV	90634	152517	24.77%	4.232%
69	11.835	1621	1629	1635	rBV2	5235	9379	1.52%	0.260%
70	11.914	1640	1642	1645	rBB2	116	83	0.01%	0.002%
71	11.969	1649	1651	1654	rBB	72	87	0.01%	0.002%
72	12.097	1669	1672	1674	rBB	91	115	0.02%	0.003%
73	12.182	1678	1686	1692	rBB3	2962	6032	0.98%	0.167%
74	12.335	1710	1711	1714	rBB3	101	90	0.01%	0.002%
75	12.438	1727	1728	1731	rVB	145	107	0.02%	0.003%
76	12.609	1749	1756	1763	rVV2	27280	45855	7.45%	1.272%

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 Title : SFAM01.0

77	12.694	1763	1770	1776	rVB	45458	73780	11.98%	2.047%
78	12.755	1776	1780	1784	rBB2	224	328	0.05%	0.009%
79	12.804	1785	1788	1791	rBB2	121	178	0.03%	0.005%
80	12.890	1794	1802	1807	rBV2	3925	6684	1.09%	0.185%
81	13.072	1831	1832	1835	rBB	123	96	0.02%	0.003%
82	13.103	1835	1837	1839	rBB	125	112	0.02%	0.003%
83	13.188	1846	1851	1856	rBV2	519	661	0.11%	0.018%
84	13.249	1857	1861	1864	rBV3	2006	2695	0.44%	0.075%
85	13.298	1864	1869	1874	rVB3	5549	8970	1.46%	0.249%
86	13.353	1875	1878	1881	rBV2	345	521	0.08%	0.014%
87	13.414	1881	1888	1891	rVB4	789	1287	0.21%	0.036%
88	13.475	1892	1898	1904	rBV3	1573	2795	0.45%	0.078%
89	13.554	1905	1911	1922	rBV	52681	90042	14.62%	2.498%
90	13.853	1953	1960	1967	rBV	59470	97792	15.88%	2.713%
91	14.792	2109	2114	2121	rVB3	6553	12328	2.00%	0.342%
92	14.950	2135	2140	2149	rVB2	6759	11090	1.80%	0.308%
93	15.164	2171	2175	2182	rBV3	938	2054	0.33%	0.057%
94	15.279	2188	2194	2198	rBV	13316	23901	3.88%	0.663%
95	15.365	2202	2208	2215	rVB	191638	343957	55.86%	9.543%
96	15.651	2250	2255	2261	rBV3	1936	3158	0.51%	0.088%
97	15.950	2299	2304	2311	rBV5	2210	5781	0.94%	0.160%
98	16.377	2364	2374	2376	rBV4	7679	18040	2.93%	0.501%
99	16.438	2378	2384	2397	rVB	204625	412244	66.95%	11.438%
100	16.639	2409	2417	2429	rVB	274373	615770	100.00%	17.085%

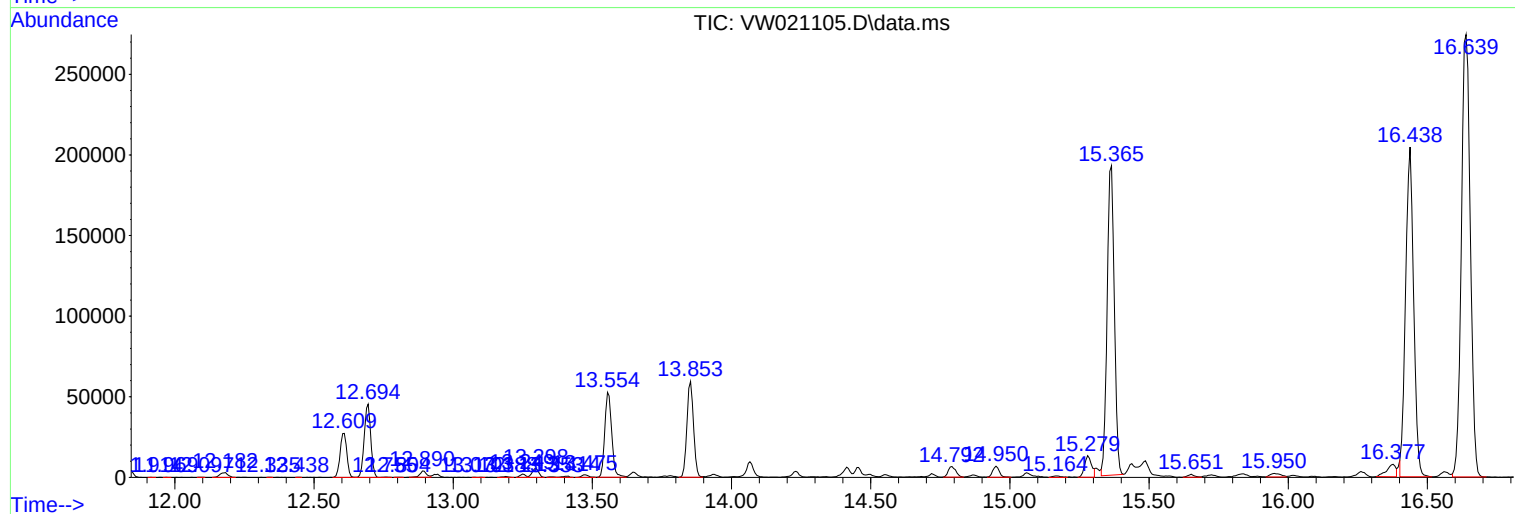
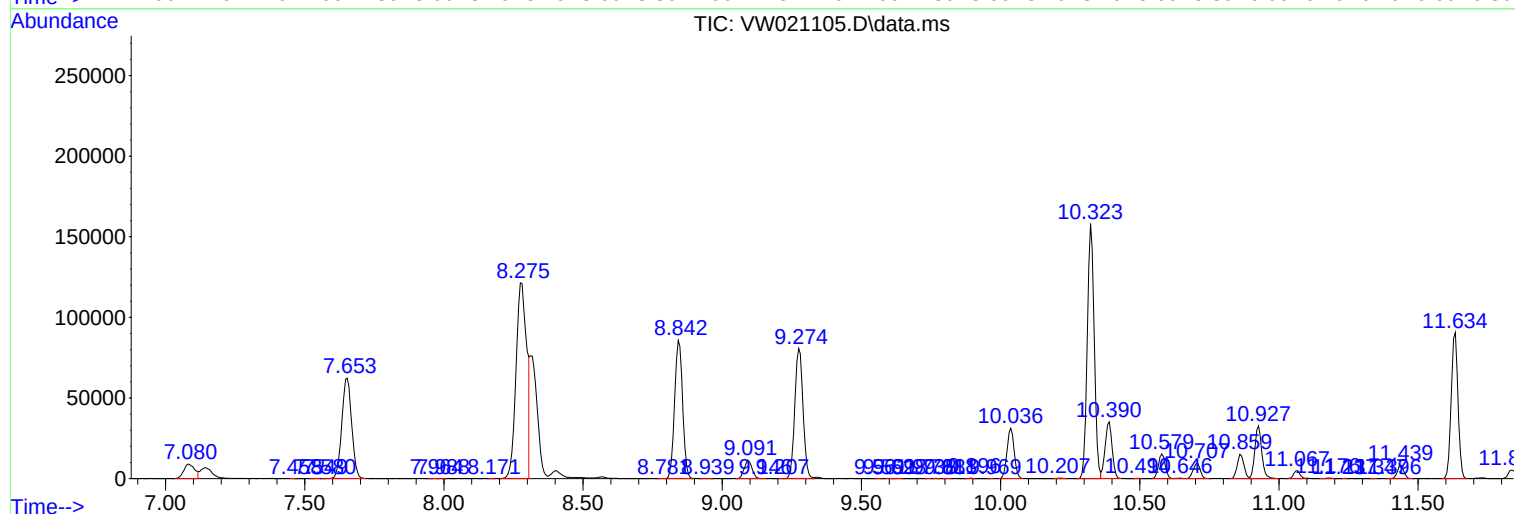
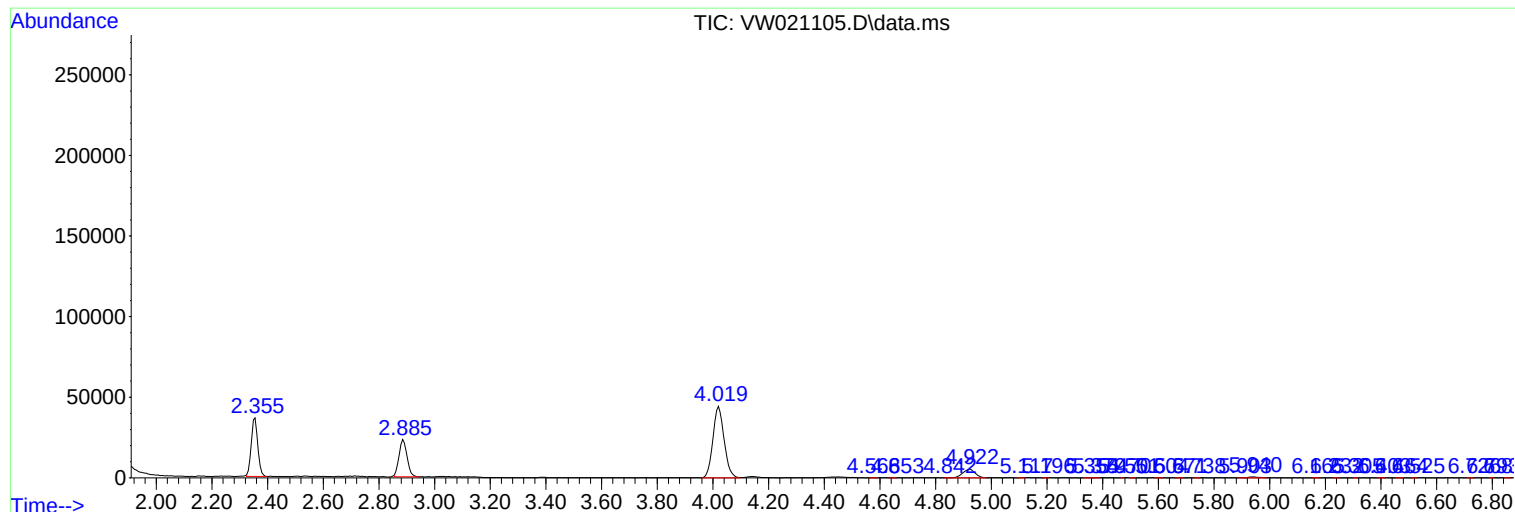
Sum of corrected areas: 3604186

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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



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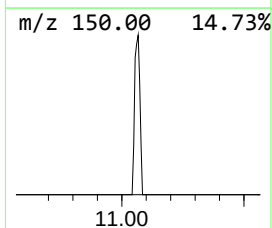
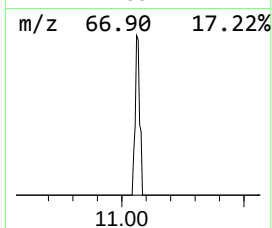
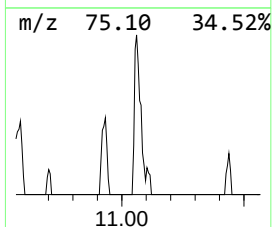
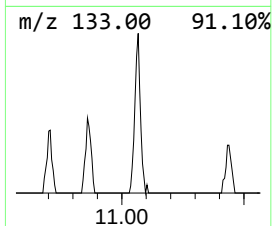
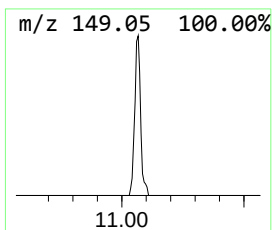
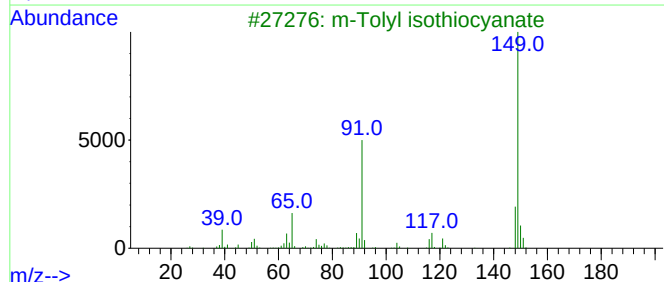
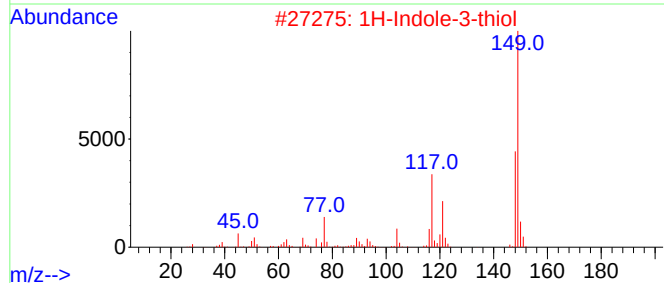
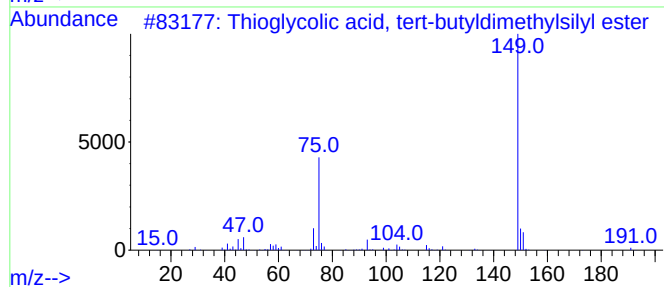
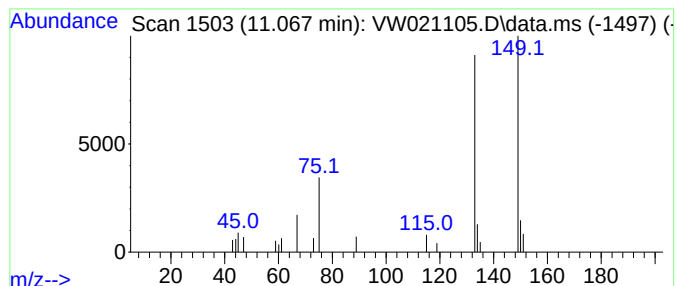
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	1.27 ug/L	7738	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	38
2			1H-Indole-3-thiol	149	C8H7NS	000480-94-4	35
3			m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	25
4			Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	25
5			4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	25



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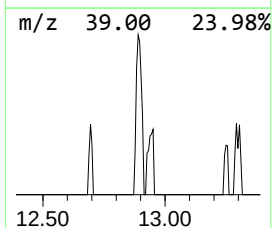
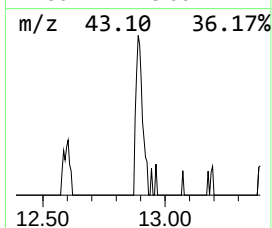
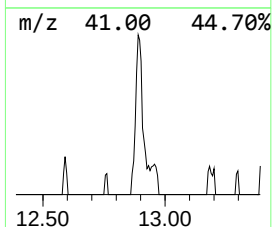
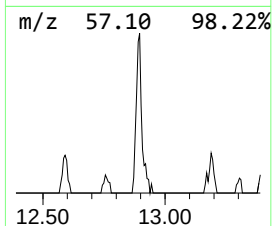
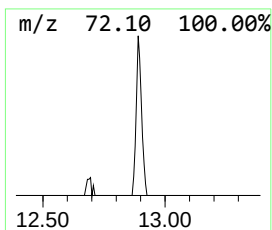
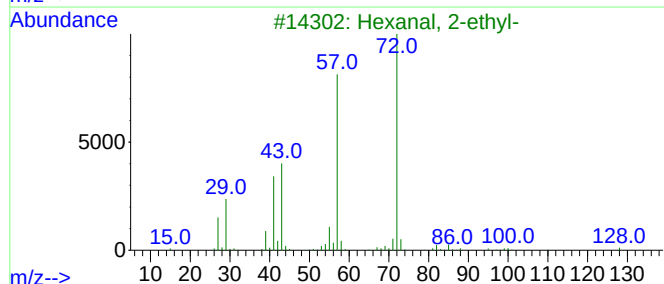
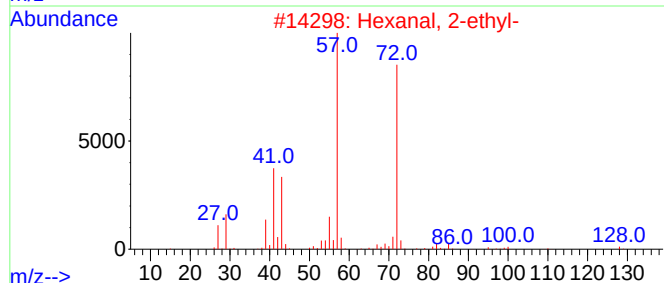
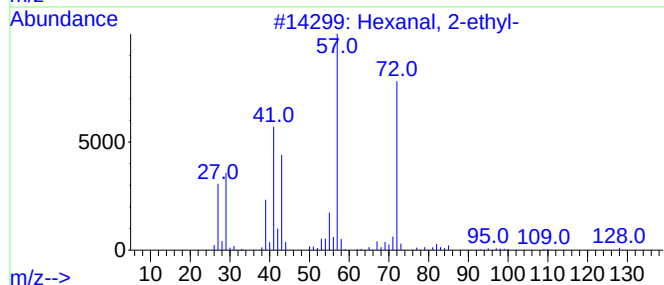
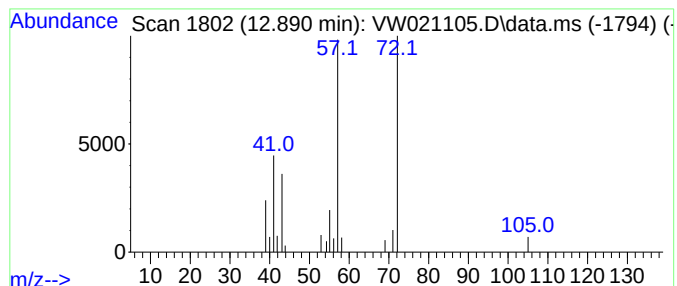
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Hexanal, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	1.86 ug/L	6684	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	78
2			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	78
3			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	72
4			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	56
5			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	56



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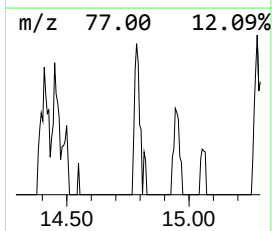
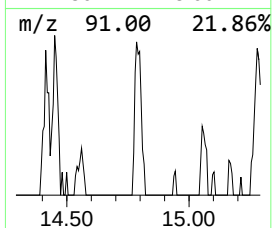
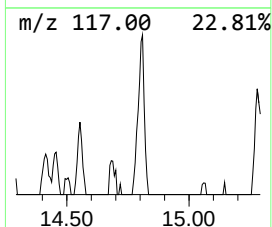
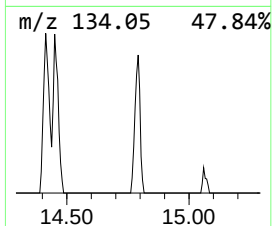
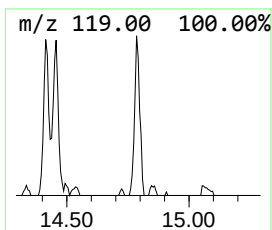
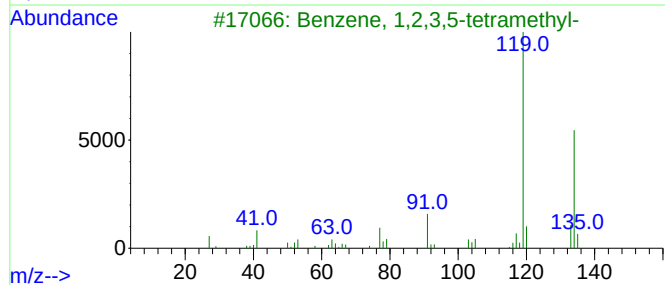
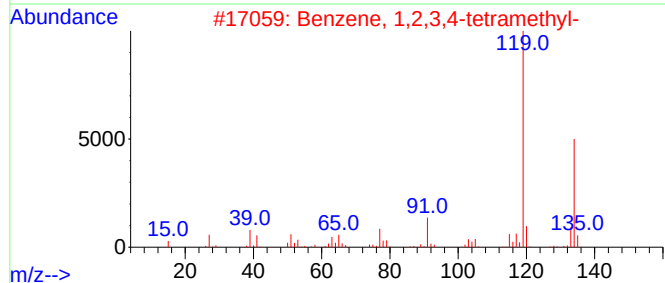
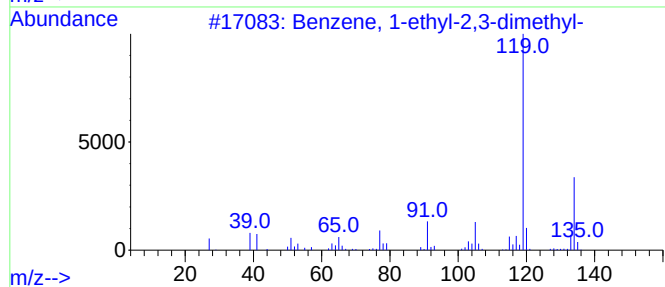
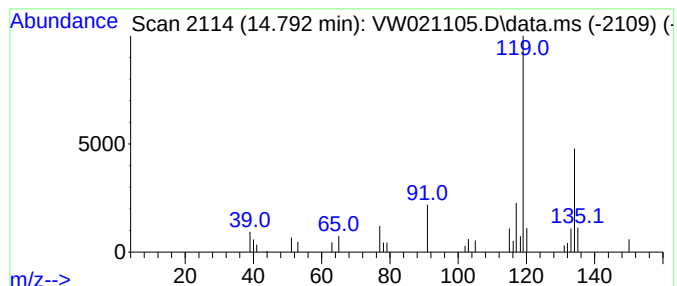
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	3.42 ug/L	12328	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021105.D
Acq On : 04 Dec 2021 08:27
Operator : SY/VA
Sample : M4883-19
Misc : 4.12g/10.0mL/MSVOA_W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9H5

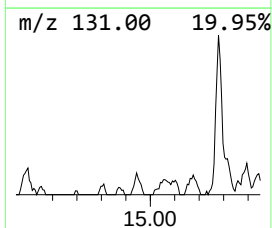
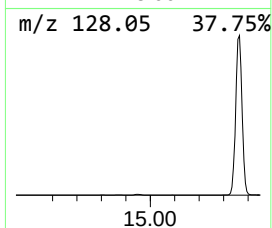
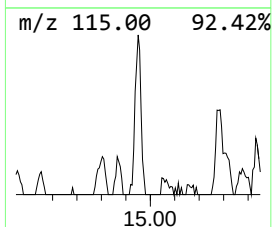
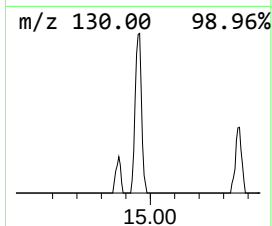
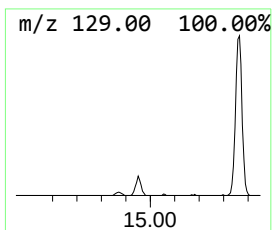
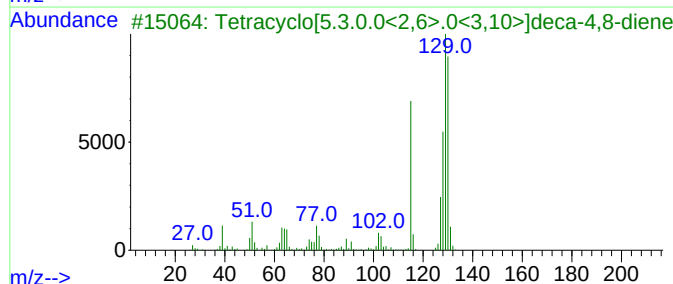
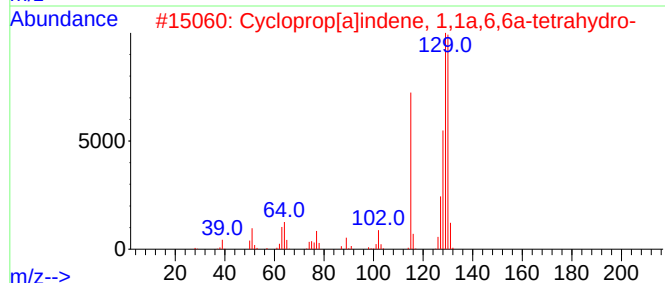
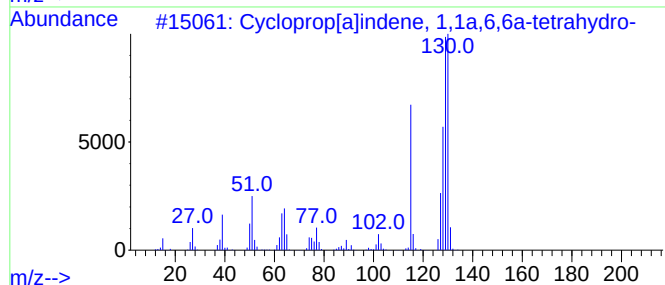
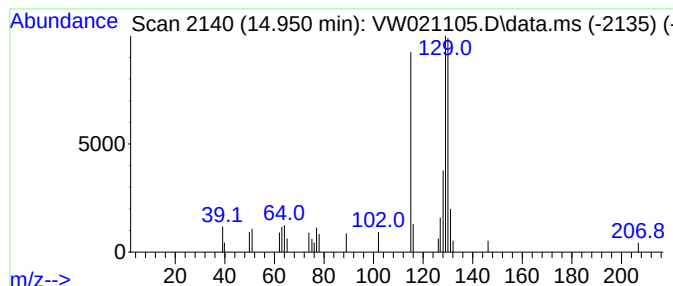
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Quant Title : SFAM01.0

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

Peak Number 9 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	3.08 ug/L	11090	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
2			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3			Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	81
4			2-Methylindene	130	C10H10	002177-47-1	81
5			Benzene, 1-butynyl-	130	C10H10	000622-76-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021105.D
Acq On : 04 Dec 2021 08:27
Operator : SY/VA
Sample : M4883-19
Misc : 4.12g/10.0mL/MSVOA_W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9H5

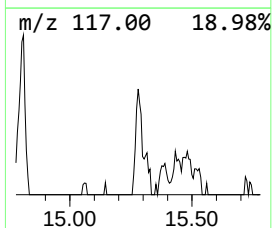
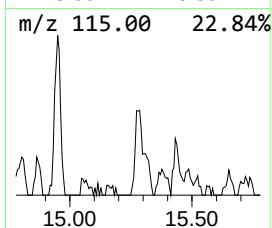
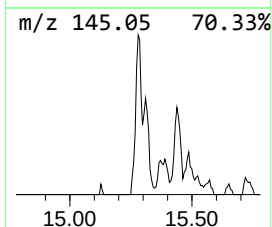
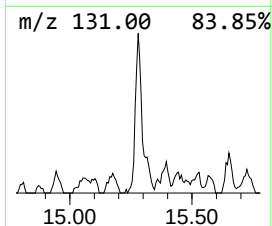
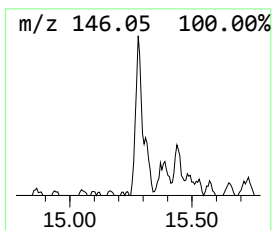
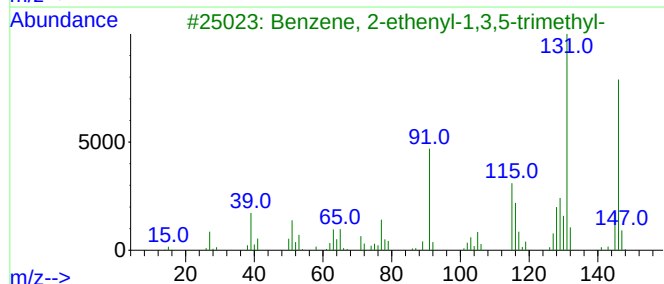
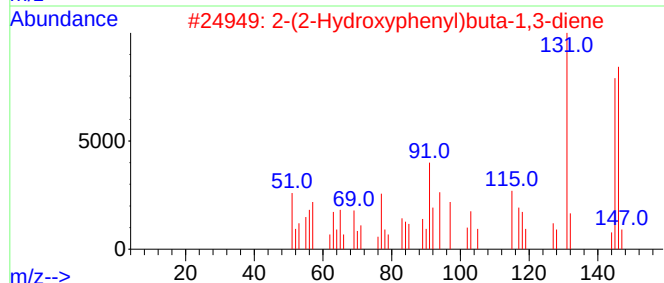
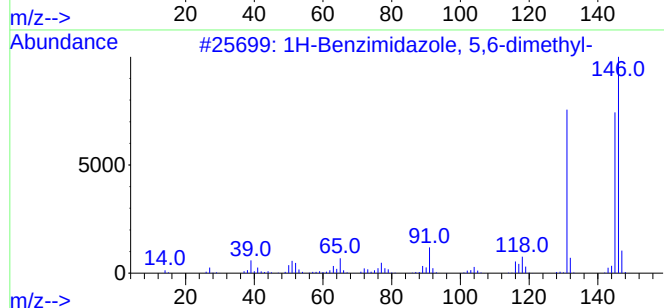
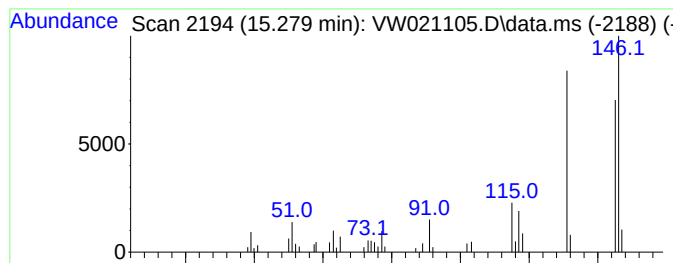
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Quant Title : SFAM01.0

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

Peak Number 10 1H-Benzimidazole, 5,6-dimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.279	6.64 ug/L	23901	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	90
2		2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
4		2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	72
5		Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021105.D
Acq On : 04 Dec 2021 08:27
Operator : SY/VA
Sample : M4883-19
Misc : 4.12g/10.0mL/MSVOA_W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9H5

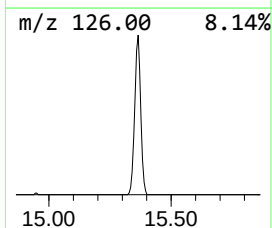
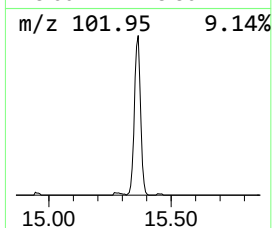
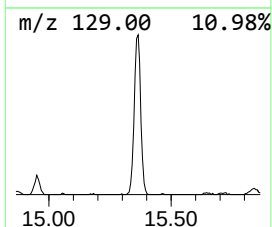
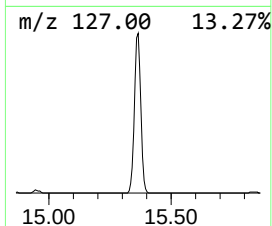
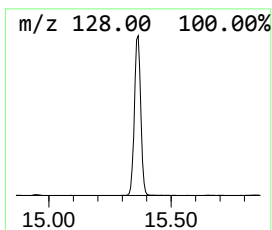
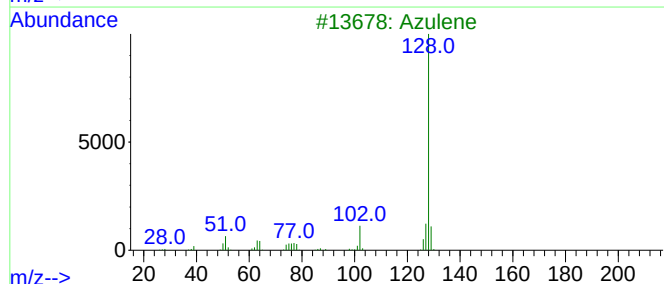
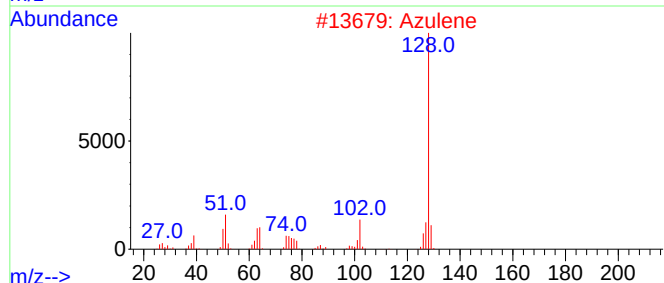
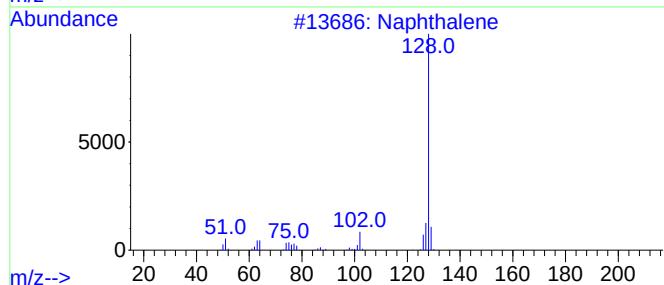
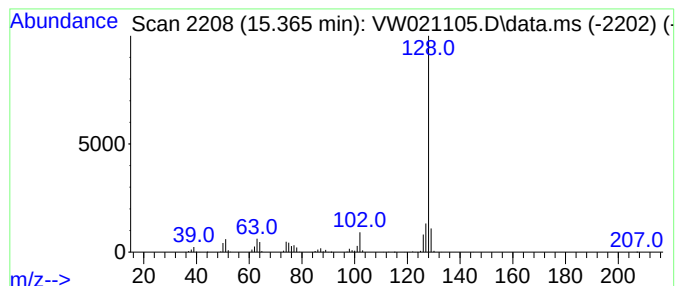
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Quant Title : SFAM01.0

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

Peak Number 11 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	95.50 ug/L	343957	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021105.D
Acq On : 04 Dec 2021 08:27
Operator : SY/VA
Sample : M4883-19
Misc : 4.12g/10.0mL/MSVOA_W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9H5

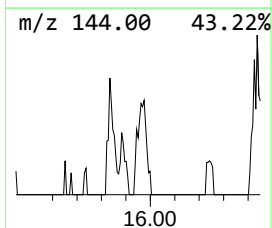
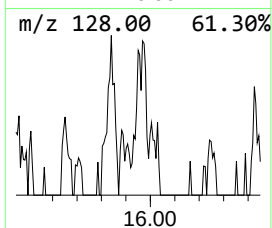
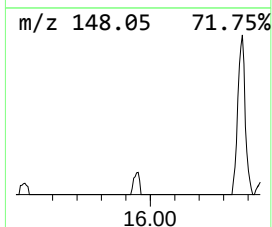
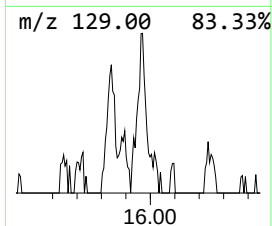
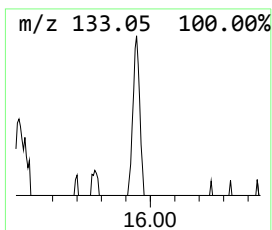
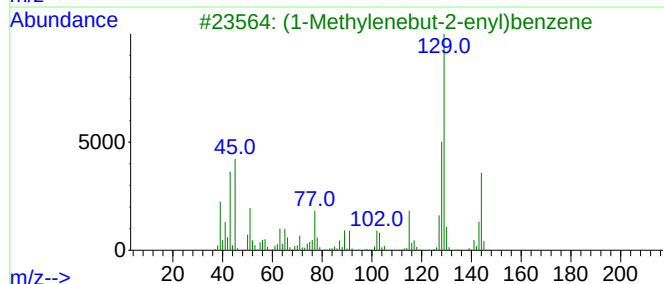
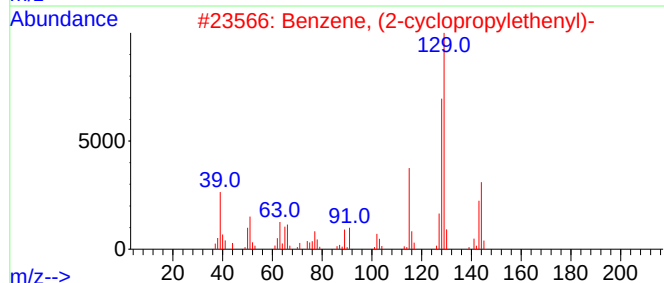
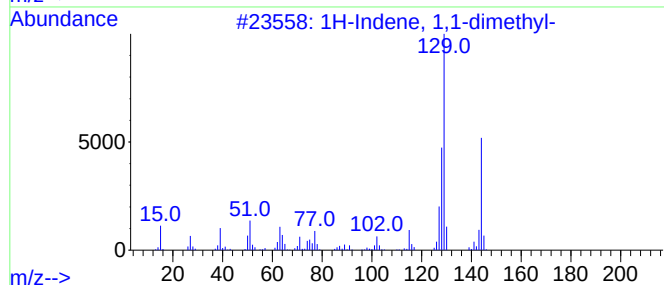
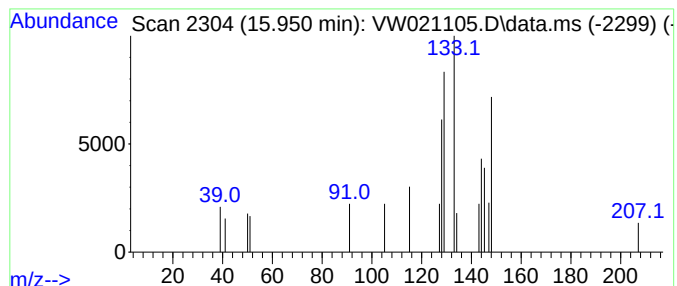
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.950	1.61 ug/L	5781	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	38
2			Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	38
3			(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	35
4			Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	35
5			trans-2,6-Dimethyl-.beta.-methyl...	191	C11H13NO2	147102-59-8	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021105.D
Acq On : 04 Dec 2021 08:27
Operator : SY/VA
Sample : M4883-19
Misc : 4.12g/10.0mL/MSVOA_W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9H5

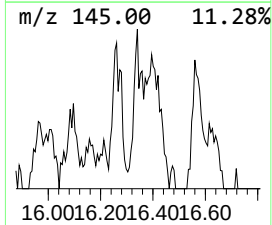
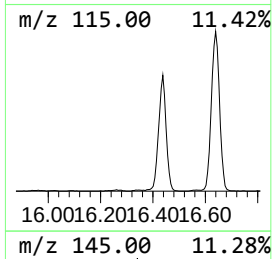
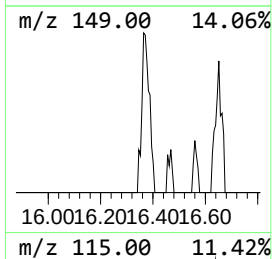
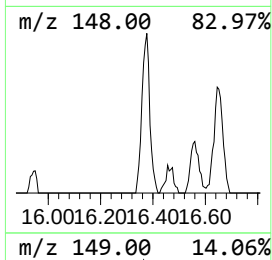
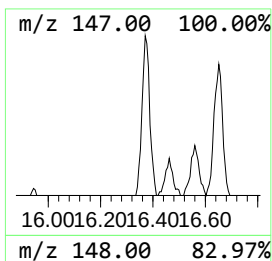
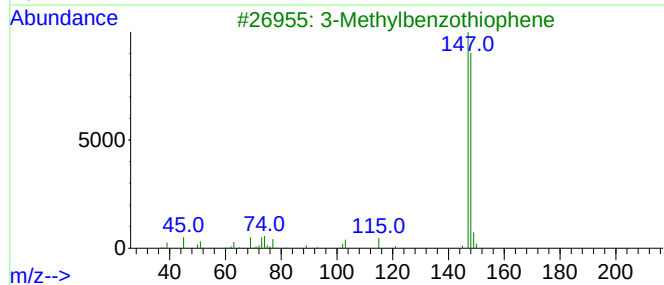
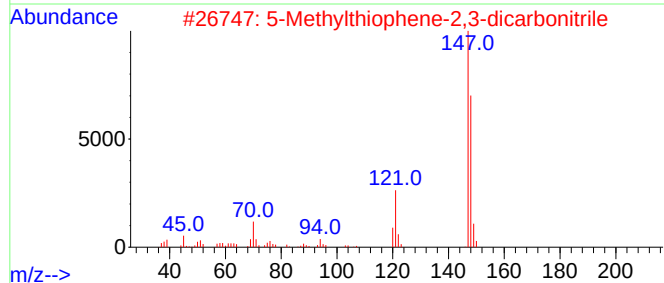
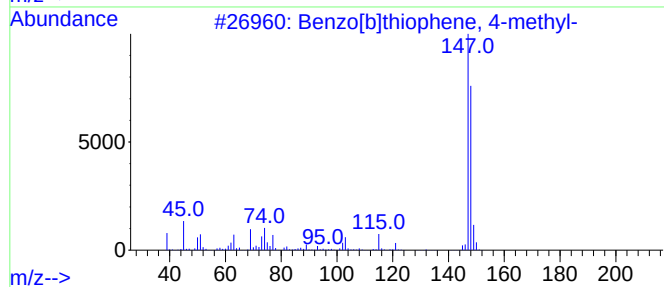
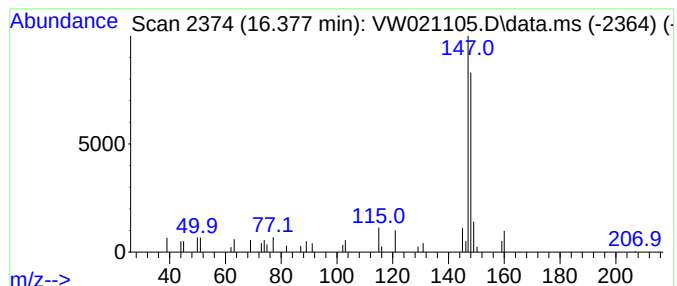
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Quant Title : SFAM01.0

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

Peak Number 13 Benzo[b]thiophene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.377	5.01 ug/L	18040	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	83
2			5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	72
3			3-Methylbenzothiophene	148	C9H8S	001455-18-1	68
4			Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	64
5			1,2,3,4-Tetrahydroisoquinolin-5-...	148	C9H12N2	115955-90-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021105.D
Acq On : 04 Dec 2021 08:27
Operator : SY/VA
Sample : M4883-19
Misc : 4.12g/10.0mL/MSVOA_W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9H5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.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
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Hexanal, 2-ethyl-	12.890	1.9	ug/L	6684	3	13.554	90042	25.0
Benzene, 1-ethy...	14.792	3.4	ug/L	12328	3	13.554	90042	25.0
Cycloprop[a]ind...	14.950	3.1	ug/L	11090	3	13.554	90042	25.0
1H-Benzimidazol...	15.279	6.6	ug/L	23901	3	13.554	90042	25.0
Azulene	15.365	95.5	ug/L	343957	3	13.554	90042	25.0
unknown-02	15.950	1.6	ug/L	5781	3	13.554	90042	25.0
Benzo[b]thiophe...	16.377	5.0	ug/L	18040	3	13.554	90042	25.0