

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
 Data File : VW022954.D
 Acq On : 10 May 2022 14:18
 Operator : SY/VA
 Sample : N2746-05
 Misc : 5.46g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSL1

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW022954.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.014	16	18	19	rBV2	1432	982	0.06%	0.010%
2	2.062	24	26	27	rVV2	1390	974	0.05%	0.010%
3	2.160	38	42	43	rBV3	2376	2433	0.14%	0.026%
4	2.178	43	45	48	rVB4	2656	2489	0.14%	0.026%
5	2.349	68	73	81	rBV	68626	111722	6.29%	1.188%
6	2.885	155	161	173	rBV	44227	91853	5.17%	0.977%
7	3.324	230	233	236	rBV5	888	1068	0.06%	0.011%
8	3.391	242	244	246	rBV2	1144	774	0.04%	0.008%
9	3.501	259	262	264	rBV3	721	812	0.05%	0.009%
10	3.587	272	276	280	rVB5	1281	1736	0.10%	0.018%
11	3.849	317	319	321	rBV3	626	762	0.04%	0.008%
12	3.928	329	332	335	rVB4	1038	1372	0.08%	0.015%
13	4.013	335	346	357	rBV2	73274	203154	11.43%	2.161%
14	4.196	374	376	378	rBV2	1381	1338	0.08%	0.014%
15	4.288	388	391	397	rVB6	1042	1402	0.08%	0.015%
16	4.397	406	409	411	rVB3	927	1174	0.07%	0.012%
17	4.507	425	427	428	rBV2	985	759	0.04%	0.008%
18	4.525	428	430	433	rVB4	610	801	0.05%	0.009%
19	4.763	467	469	472	rBV2	791	910	0.05%	0.010%
20	4.861	482	485	487	rBV3	1265	1277	0.07%	0.014%
21	4.909	487	493	501	rVV8	3520	10690	0.60%	0.114%
22	5.019	509	511	513	rVB2	1338	863	0.05%	0.009%
23	5.062	513	518	520	rBV4	1224	1915	0.11%	0.020%
24	5.092	520	523	526	rVB5	827	1115	0.06%	0.012%
25	5.123	526	528	534	rBV5	1170	2492	0.14%	0.027%
26	5.220	542	544	546	rBV2	1078	818	0.05%	0.009%
27	5.342	560	564	568	rBV5	1581	2265	0.13%	0.024%
28	5.422	574	577	579	rBV3	985	1074	0.06%	0.011%
29	5.592	601	605	607	rVB5	737	1051	0.06%	0.011%
30	5.641	611	613	616	rBV2	683	846	0.05%	0.009%
31	5.720	622	626	629	rVV4	838	1236	0.07%	0.013%
32	5.940	659	662	667	rVV5	1804	3121	0.18%	0.033%
33	6.037	676	678	680	rBV3	903	868	0.05%	0.009%
34	6.208	703	706	709	rVB4	1405	1219	0.07%	0.013%
35	6.312	720	723	728	rBV5	1134	1595	0.09%	0.017%
36	6.464	742	748	750	rBV5	910	1844	0.10%	0.020%

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 Title : SFAM01.0

37	6.488	750	752	755	rVV4	610	897	0.05%	0.010%
38	6.537	758	760	762	rBV3	1295	1163	0.07%	0.012%
39	6.714	785	789	790	rBV3	1003	1413	0.08%	0.015%
40	6.751	793	795	799	rVB4	871	885	0.05%	0.009%
41	7.074	839	848	857	rBV	21680	62992	3.54%	0.670%
42	7.214	868	871	874	rVB5	870	785	0.04%	0.008%
43	7.293	882	884	887	rVB3	1315	1321	0.07%	0.014%
44	7.336	887	891	893	rBV5	1162	1647	0.09%	0.018%
45	7.403	897	902	903	rVB4	1141	1617	0.09%	0.017%
46	7.421	903	905	907	rBV2	1174	1440	0.08%	0.015%
47	7.476	912	914	917	rBV3	769	932	0.05%	0.010%
48	7.592	931	933	934	rVV2	1289	895	0.05%	0.010%
49	7.653	934	943	954	rVV	116767	290195	16.33%	3.087%
50	7.750	958	959	962	rVB3	1341	1037	0.06%	0.011%
51	7.811	965	969	970	rBV4	879	1108	0.06%	0.012%
52	7.958	989	993	998	rBV7	1221	2057	0.12%	0.022%
53	8.074	1008	1012	1017	rBV6	795	1621	0.09%	0.017%
54	8.275	1035	1045	1061	rBV2	217311	661638	37.23%	7.038%
55	8.391	1061	1064	1065	rBV2	1389	1504	0.08%	0.016%
56	8.586	1093	1096	1097	rVB3	1102	997	0.06%	0.011%
57	8.842	1129	1138	1149	rBV	223487	444375	25.01%	4.727%
58	9.073	1172	1176	1177	rBV4	1111	1158	0.07%	0.012%
59	9.274	1198	1209	1218	rBV	155481	319261	17.97%	3.396%
60	9.396	1226	1229	1231	rVB4	1133	965	0.05%	0.010%
61	9.610	1260	1264	1266	rBV4	1093	1231	0.07%	0.013%
62	9.652	1270	1271	1273	rBV2	1202	936	0.05%	0.010%
63	9.811	1294	1297	1298	rBV2	838	1099	0.06%	0.012%
64	9.866	1301	1306	1307	rBV4	1033	1504	0.08%	0.016%
65	10.037	1325	1334	1344	rBV	76637	147051	8.28%	1.564%
66	10.116	1344	1347	1348	rBV3	1403	998	0.06%	0.011%
67	10.152	1351	1353	1356	rBV4	952	965	0.05%	0.010%
68	10.201	1359	1361	1364	rVB4	1072	1019	0.06%	0.011%
69	10.232	1364	1366	1369	rBV3	833	875	0.05%	0.009%
70	10.323	1374	1381	1388	rBV	316799	544369	30.63%	5.791%
71	10.579	1416	1423	1433	rBV	49601	90031	5.07%	0.958%
72	10.695	1436	1442	1443	rBV6	2269	3553	0.20%	0.038%
73	10.780	1450	1456	1457	rVB5	1662	2701	0.15%	0.029%
74	10.799	1457	1459	1463	rBV5	1252	1789	0.10%	0.019%
75	10.927	1473	1480	1488	rBV	79350	151535	8.53%	1.612%
76	11.628	1588	1595	1602	rBV	342449	575302	32.37%	6.120%

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 Title : SFAM01.0

77	11.731	1609	1612	1618	rVB	11354	16733	0.94%	0.178%
78	12.170	1678	1684	1687	rBV8	2700	5237	0.29%	0.056%
79	12.689	1763	1769	1777	rVB	144846	244265	13.75%	2.598%
80	13.310	1857	1871	1885	rBV4	90416	432517	24.34%	4.601%
81	13.554	1905	1911	1919	rVB	399516	643996	36.24%	6.850%
82	13.755	1938	1944	1951	rVB	206407	332497	18.71%	3.537%
83	13.853	1953	1960	1968	rBV	334188	583886	32.86%	6.211%
84	14.207	2014	2018	2023	rVB2	7666	10364	0.58%	0.110%
85	14.298	2026	2033	2043	rVB6	14980	51651	2.91%	0.549%
86	14.487	2060	2064	2068	rBV3	11723	23146	1.30%	0.246%
87	14.682	2091	2096	2101	rBV2	17041	27770	1.56%	0.295%
88	14.804	2112	2116	2122	rVB2	26122	43586	2.45%	0.464%
89	14.865	2124	2126	2129	rVV3	6223	6559	0.37%	0.070%
90	14.950	2130	2140	2153	rVB2	289711	879339	49.48%	9.354%
91	15.359	2200	2207	2216	rVB	998472	1777046	100.00%	18.903%
92	15.462	2220	2224	2238	rVB3	26675	81227	4.57%	0.864%
93	15.651	2245	2255	2261	rVB10	12478	44485	2.50%	0.473%
94	15.816	2276	2282	2283	rBV6	3602	6359	0.36%	0.068%
95	16.078	2321	2325	2326	rBV4	3232	4151	0.23%	0.044%
96	16.237	2349	2351	2352	rBV2	1184	778	0.04%	0.008%
97	16.255	2352	2354	2355	rBV2	1561	1116	0.06%	0.012%
98	16.328	2361	2366	2367	rBV5	3166	4373	0.25%	0.047%
99	16.438	2377	2384	2397	rVB	53196	134044	7.54%	1.426%
100	16.639	2409	2417	2427	rVB	117567	258015	14.52%	2.745%

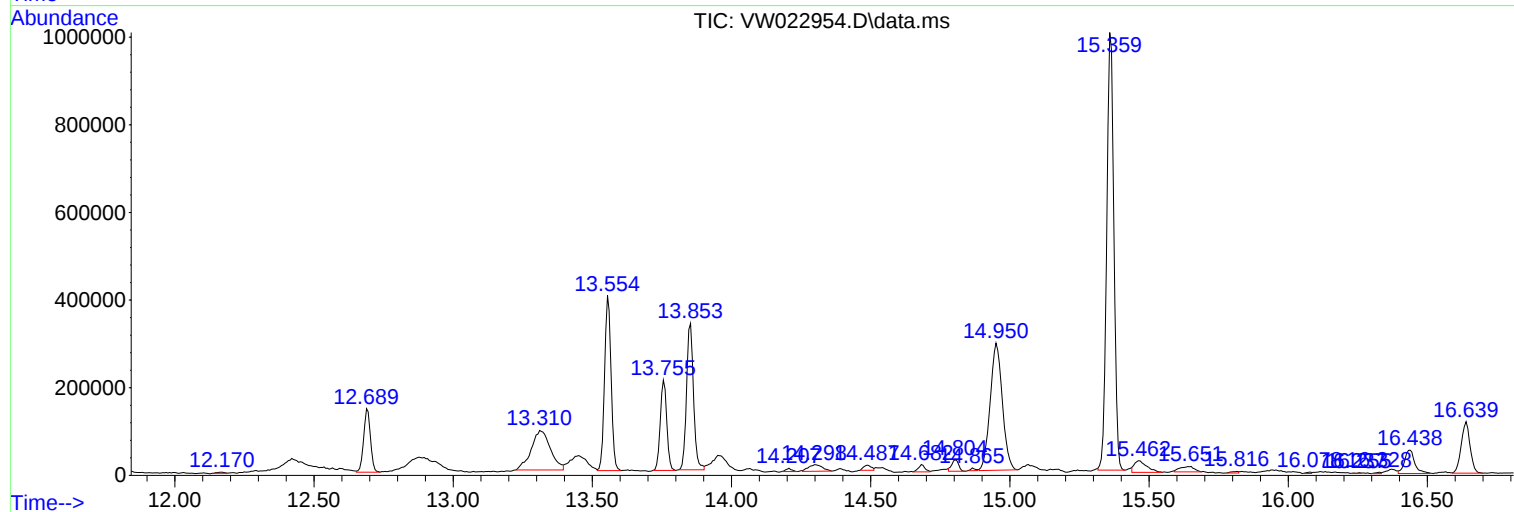
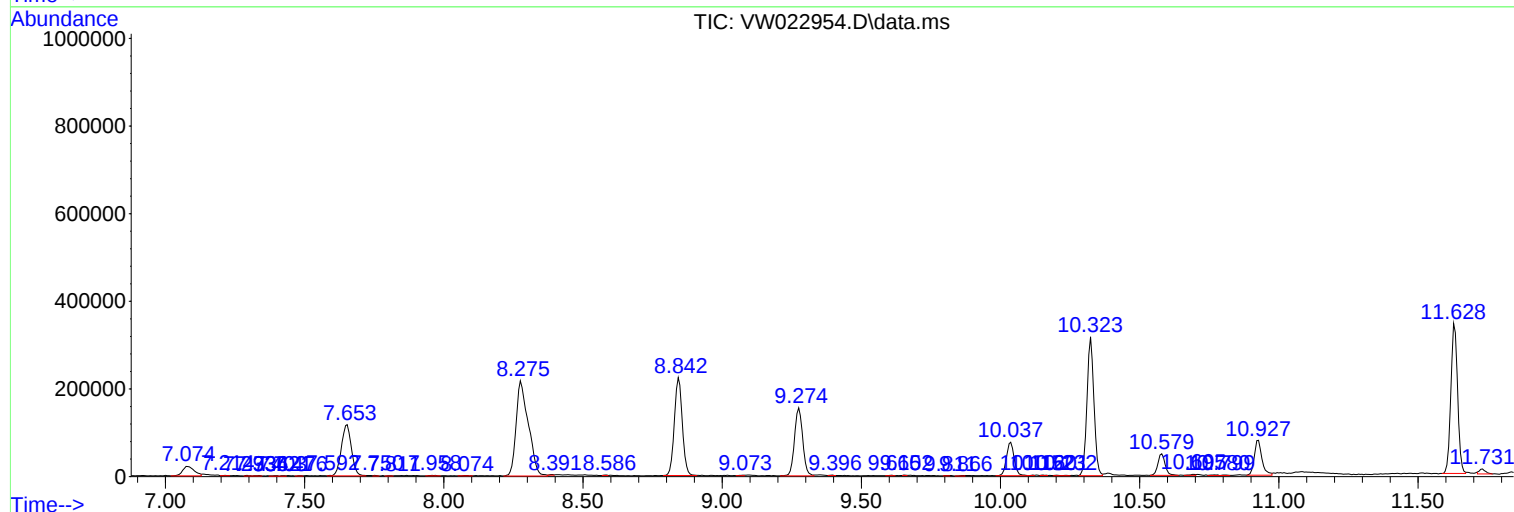
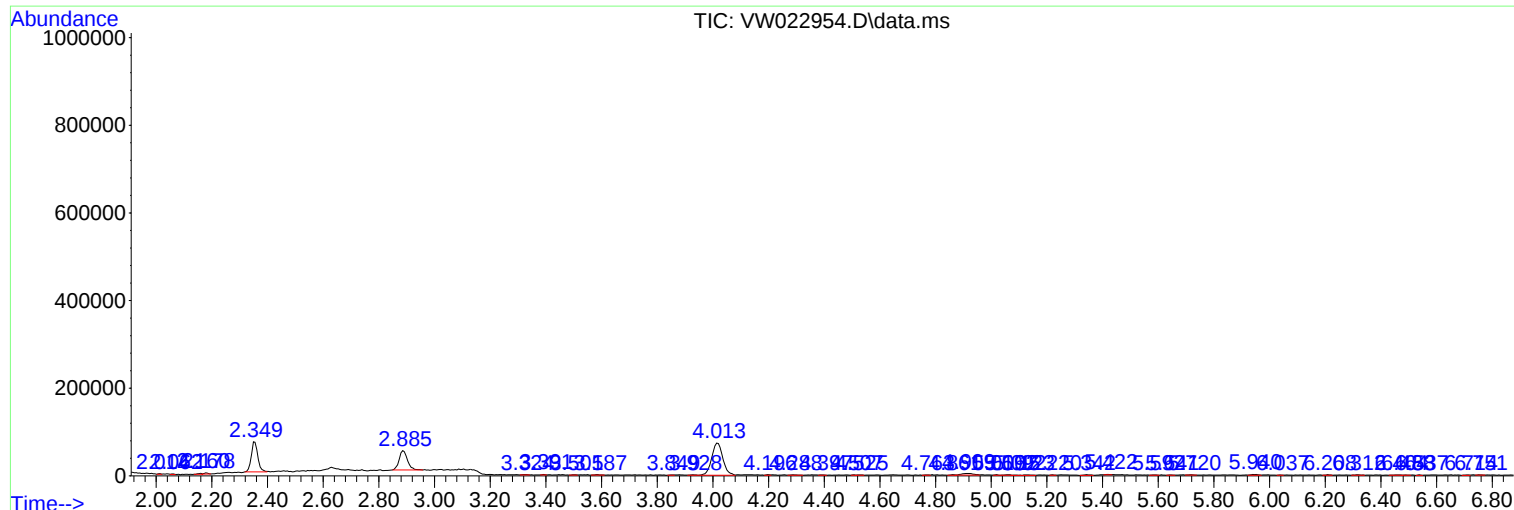
Sum of corrected areas: 9400805

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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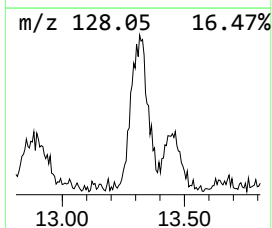
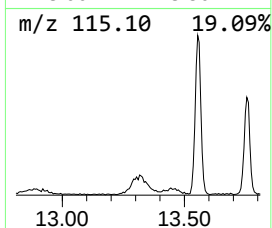
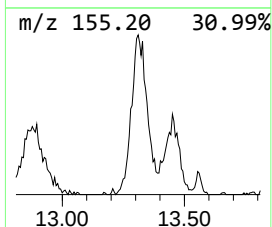
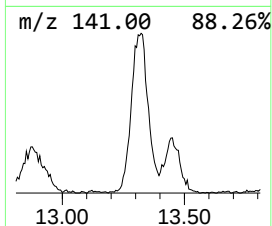
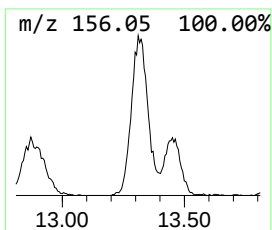
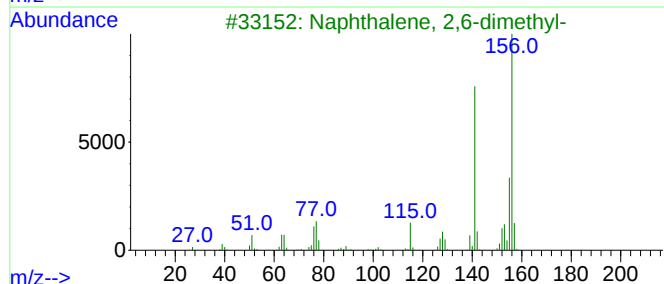
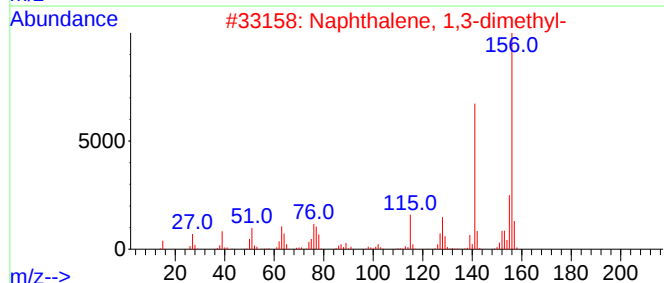
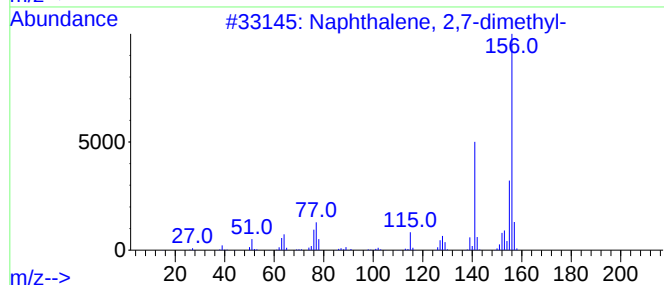
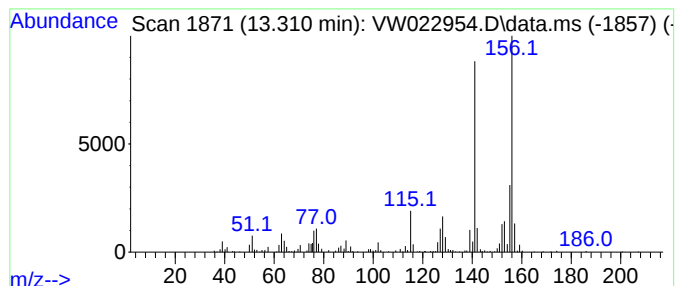
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	16.79 ug/L	432517	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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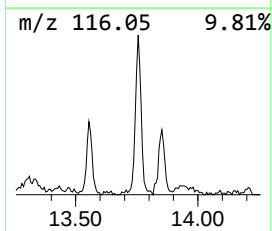
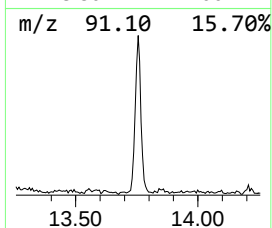
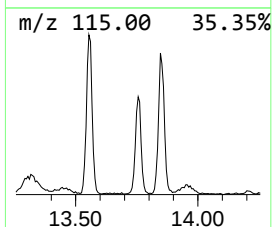
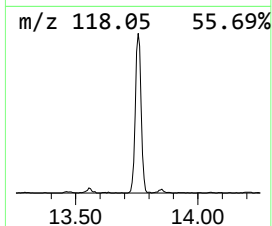
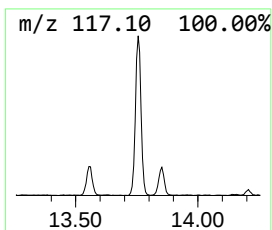
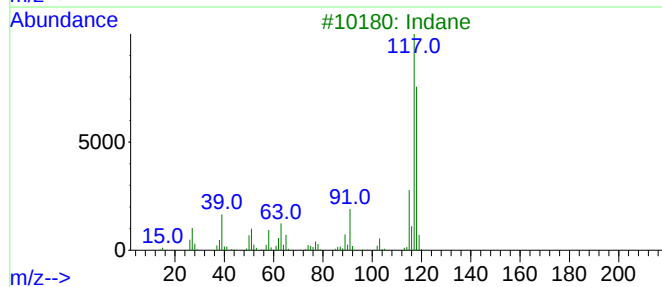
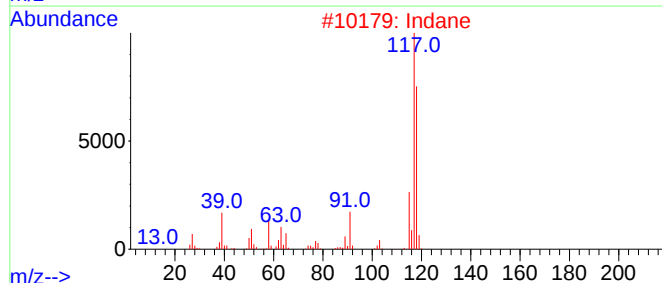
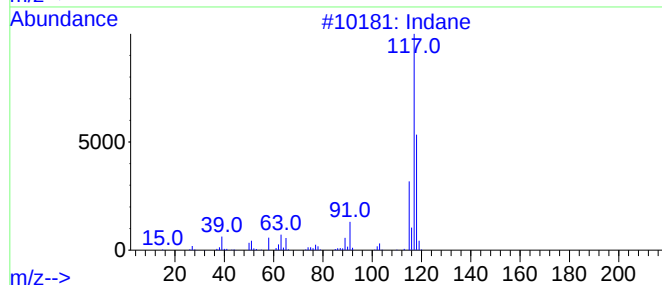
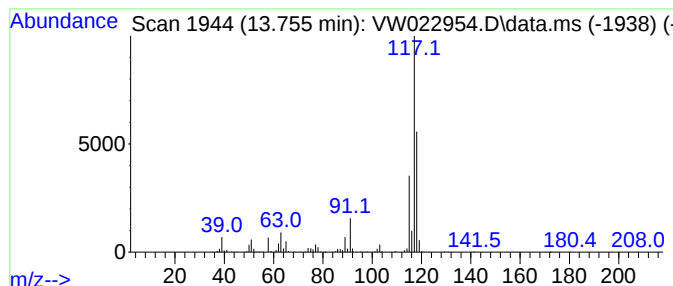
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	12.91 ug/L	332497	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	95
2	Indane			118	C9H10	000496-11-7	91
3	Indane			118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-4-methyl-			118	C9H10	000622-97-9	83
5	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	74



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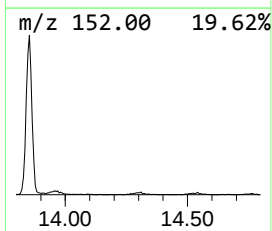
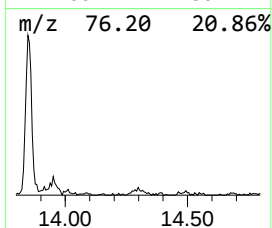
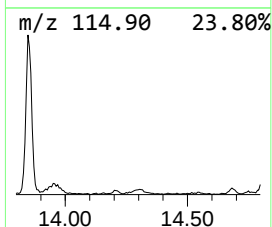
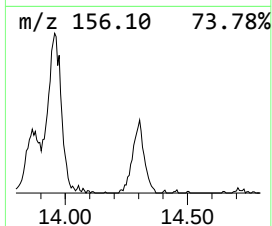
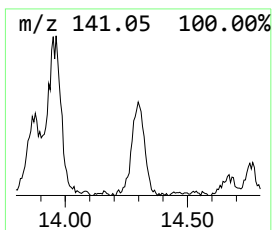
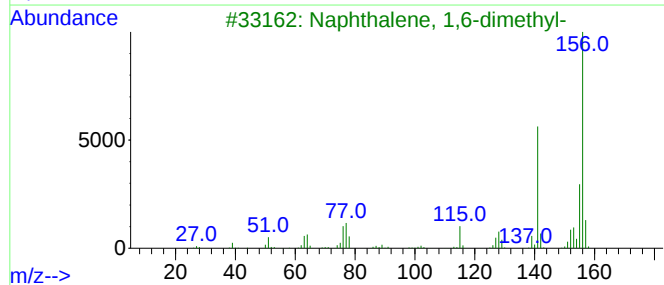
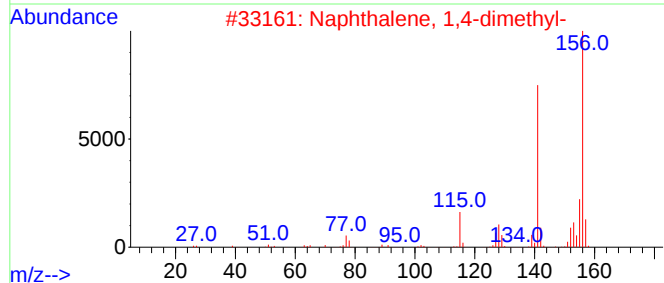
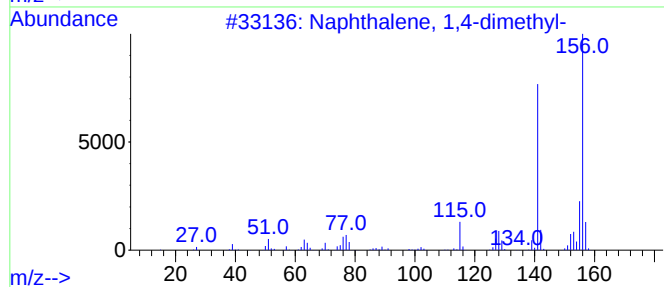
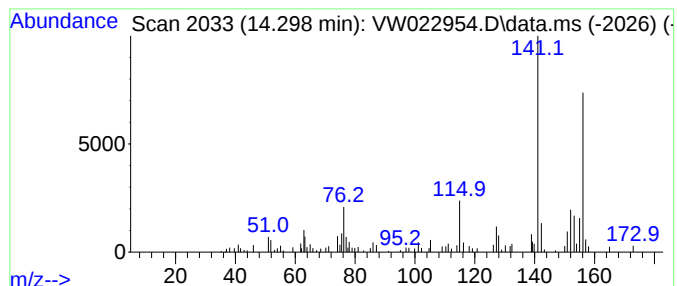
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	2.01 ug/L	51651	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	83
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	81
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	80
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022954.D
Acq On : 10 May 2022 14:18
Operator : SY/VA
Sample : N2746-05
Misc : 5.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSL1

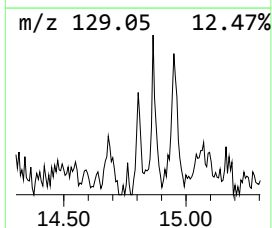
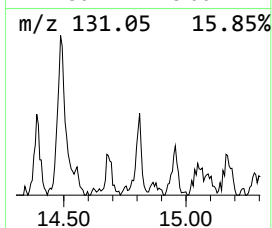
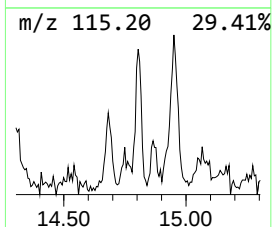
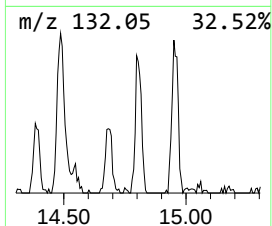
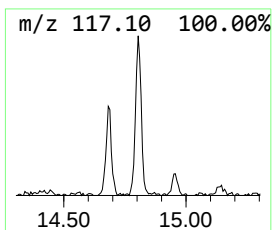
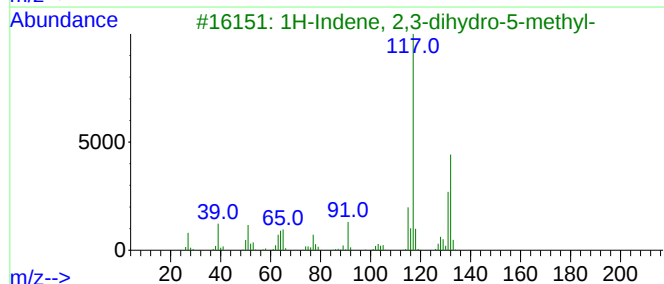
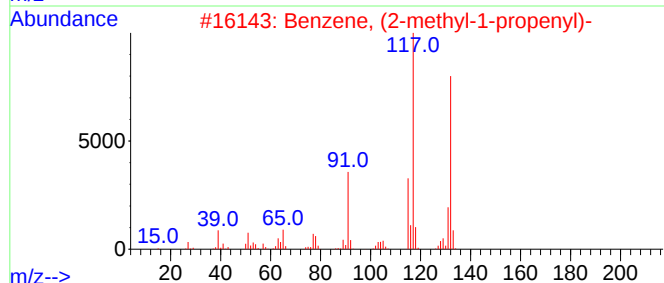
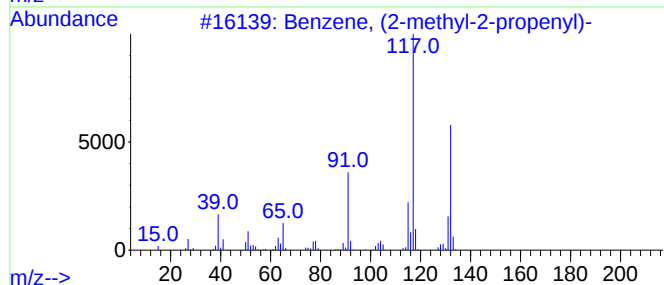
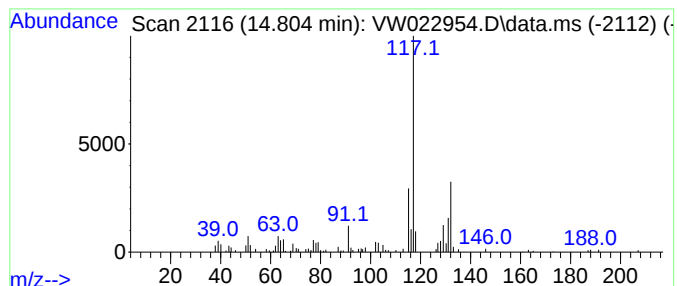
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, (2-methyl-2-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	1.69 ug/L	43586	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022954.D
Acq On : 10 May 2022 14:18
Operator : SY/VA
Sample : N2746-05
Misc : 5.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSL1

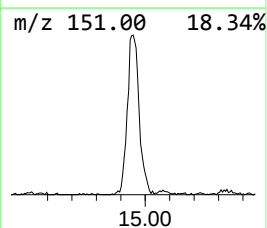
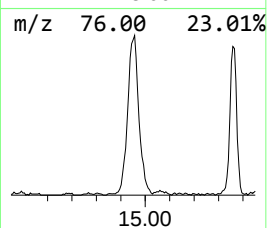
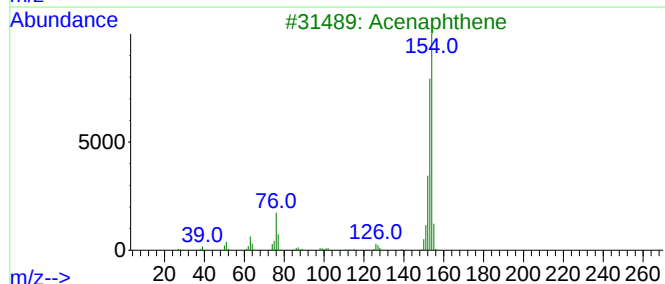
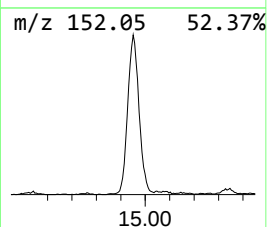
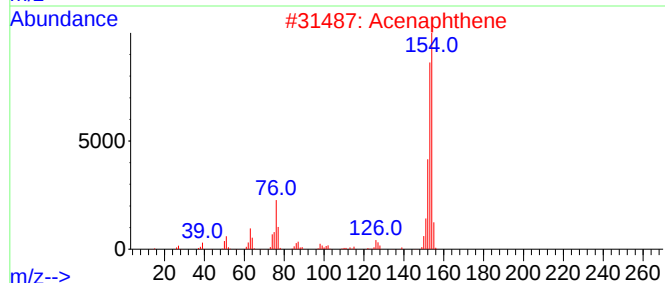
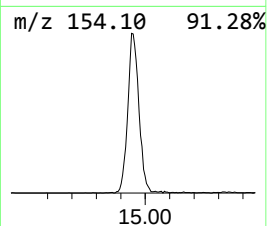
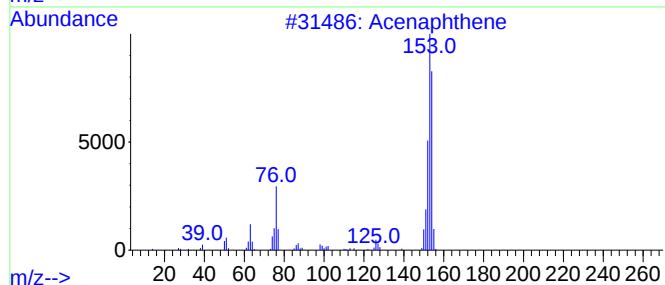
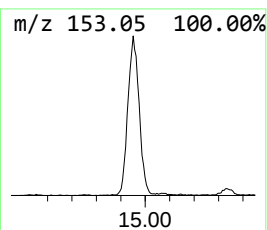
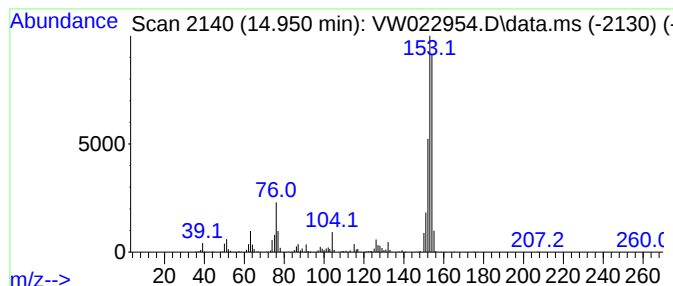
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Quant Title : SFAM01.0

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

Peak Number 6 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	34.14 ug/L	879339	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	95
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Acenaphthene	154	C12H10	000083-32-9	68
4			Acenaphthene	154	C12H10	000083-32-9	64
5			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022954.D
Acq On : 10 May 2022 14:18
Operator : SY/VA
Sample : N2746-05
Misc : 5.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSL1

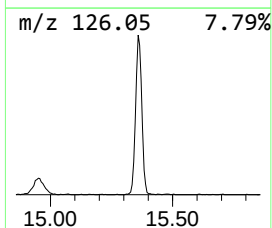
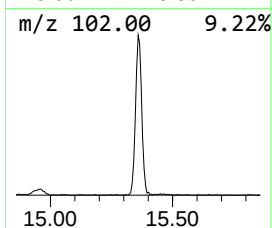
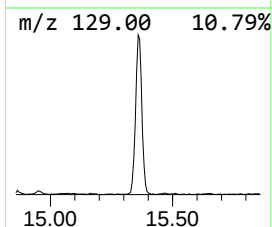
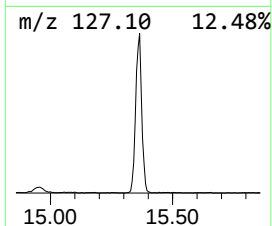
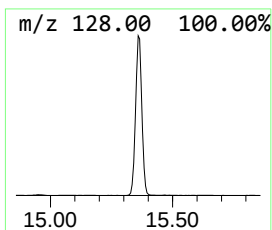
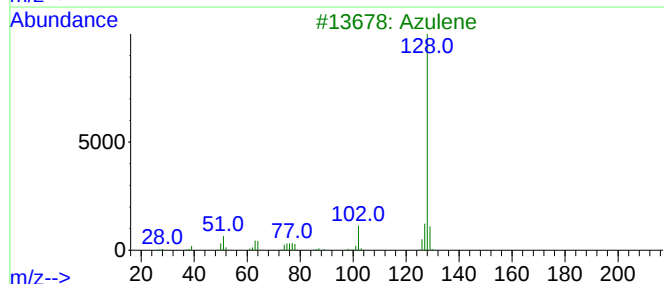
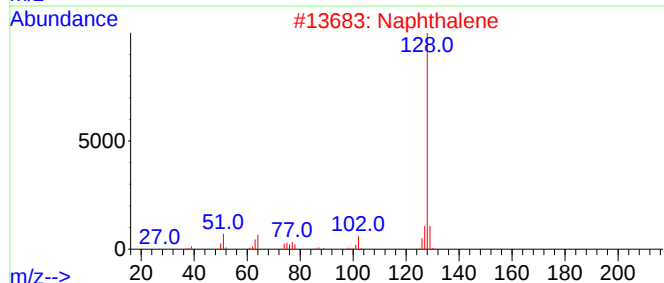
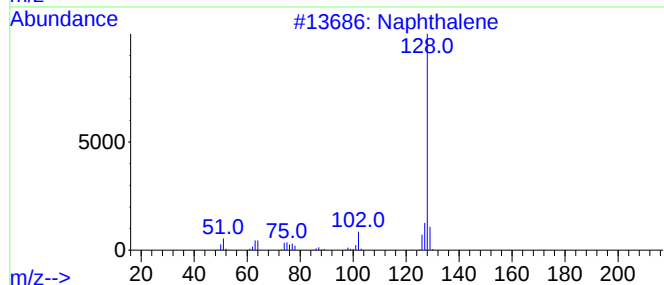
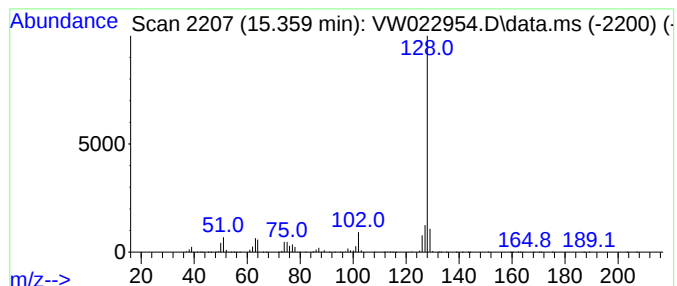
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Quant Title : SFAM01.0

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

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	68.99 ug/L	1777050	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022954.D
Acq On : 10 May 2022 14:18
Operator : SY/VA
Sample : N2746-05
Misc : 5.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSL1

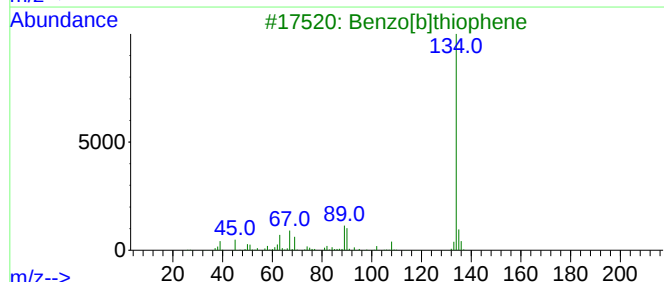
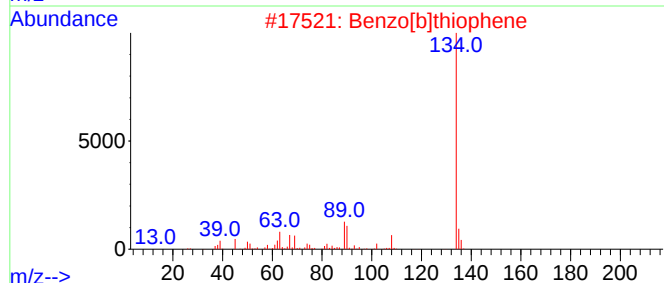
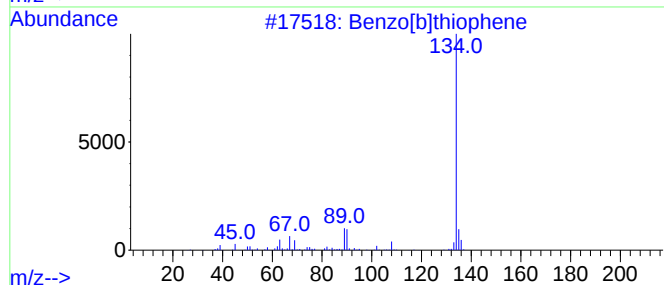
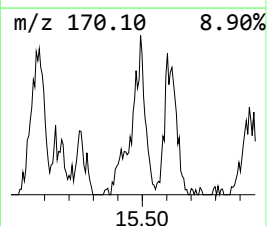
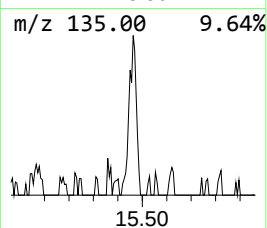
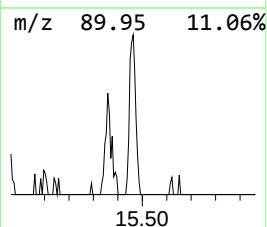
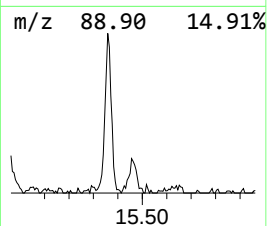
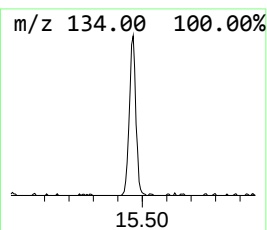
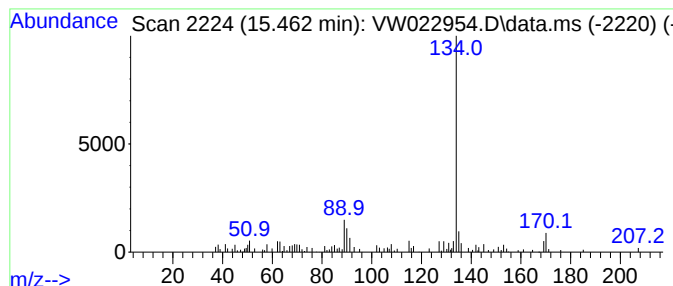
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Quant Title : SFAM01.0

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

Peak Number 8 Benzo[b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	3.15 ug/L	81227	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	74
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	74
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	74
4			Thiazole, 2-methyl-4-phenyl-	175	C10H9NS	001826-16-0	64
5			4-Hydroxybenzenepropanol diacetate	236	C13H16O4	025823-43-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022954.D
Acq On : 10 May 2022 14:18
Operator : SY/VA
Sample : N2746-05
Misc : 5.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSL1

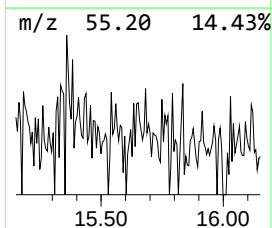
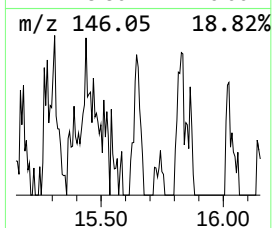
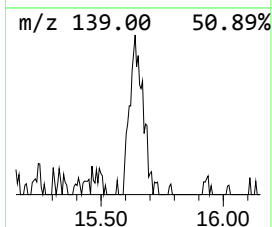
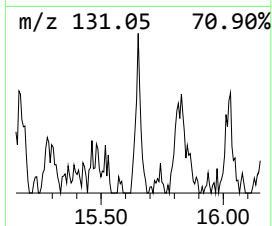
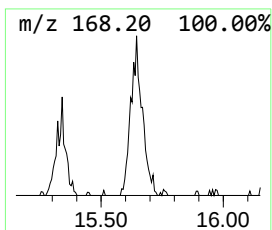
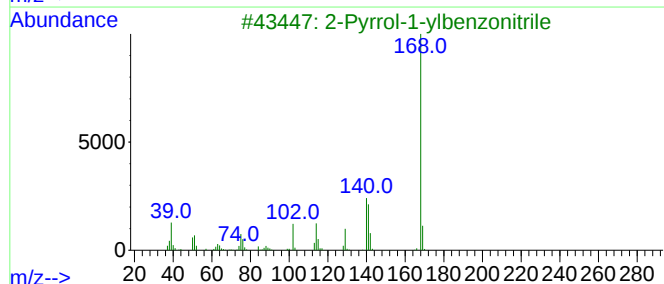
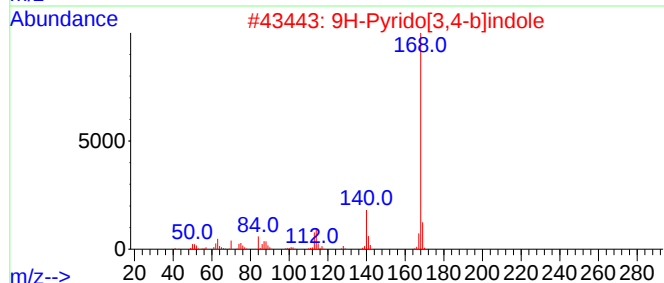
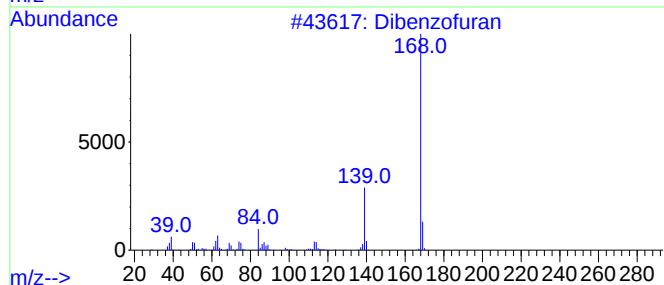
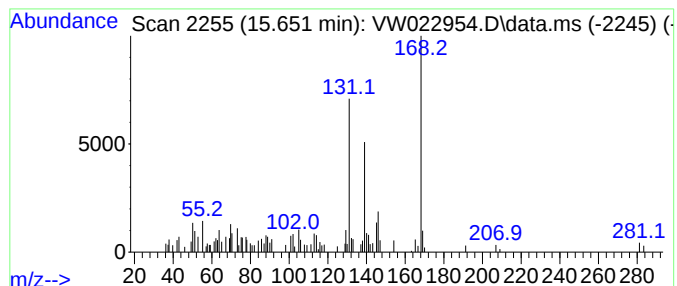
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	1.73 ug/L	44485	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	46
2			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	38
3			2-Pyrrol-1-ylbenzonitrile	168	C11H8N2	1010304-15-3	38
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	35
5			Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022954.D
Acq On : 10 May 2022 14:18
Operator : SY/VA
Sample : N2746-05
Misc : 5.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSL1

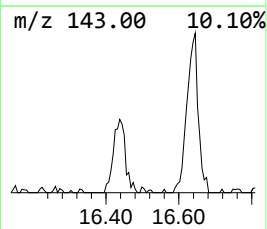
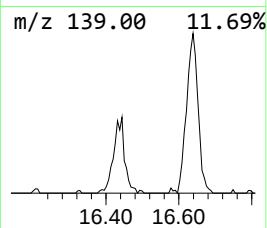
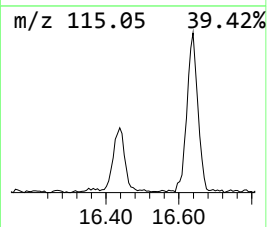
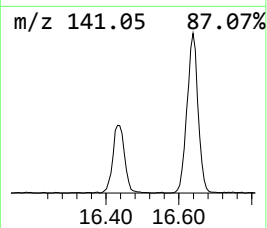
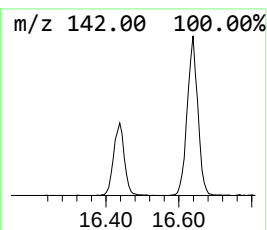
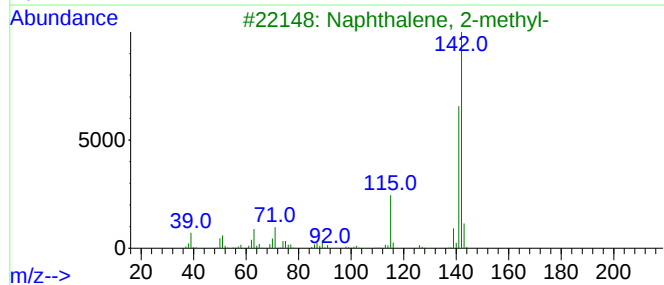
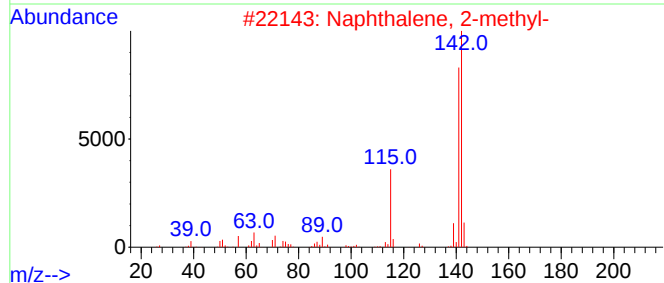
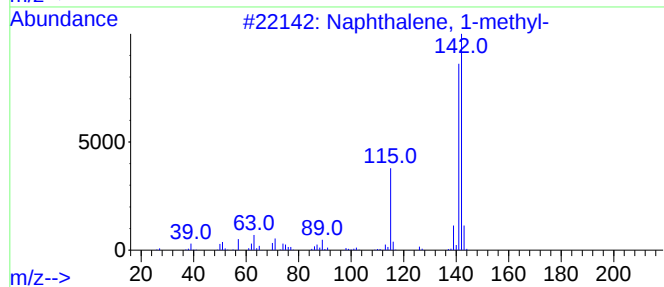
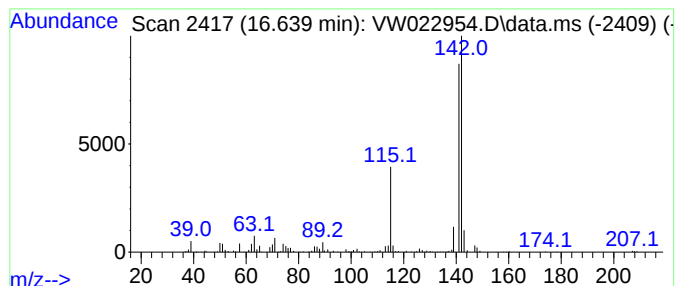
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Quant Title : SFAM01.0

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

Peak Number 11 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	10.02 ug/L	258015	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022954.D
Acq On : 10 May 2022 14:18
Operator : SY/VA
Sample : N2746-05
Misc : 5.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSL1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.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
Naphthalene, 2,...	13.310	16.8	ug/L	432517	3	13.554	643996	25.0
Indane	13.755	12.9	ug/L	332497	3	13.554	643996	25.0
Naphthalene, 1,...	14.298	2.0	ug/L	51651	3	13.554	643996	25.0
Benzene, (2-met...	14.804	1.7	ug/L	43586	3	13.554	643996	25.0
Hexa-2,4-diyne-1...	14.950	34.1	ug/L	879339	3	13.554	643996	25.0
Azulene	15.359	69.0	ug/L	1777050	3	13.554	643996	25.0
Benzo[b]thiophene	15.462	3.1	ug/L	81227	3	13.554	643996	25.0
unknown-01	15.651	1.7	ug/L	44485	3	13.554	643996	25.0
1,4-Methanonaph...	16.639	10.0	ug/L	258015	3	13.554	643996	25.0