

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021166.D
 Acq On : 06 Dec 2021 13:57
 Operator : SY/VA
 Sample : VIBLK506
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK506

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: VW021166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	38	40	47	rVB2	716	954	0.04%	0.008%
2	2.349	67	73	82	rVB	42073	66756	3.02%	0.569%
3	2.879	154	160	170	rVB	18856	39988	1.81%	0.341%
4	3.385	237	243	250	rVV2	1100	2568	0.12%	0.022%
5	4.013	336	346	360	rBV	49653	148272	6.70%	1.264%
6	4.117	360	363	366	rBV2	248	381	0.02%	0.003%
7	4.245	382	384	386	rBV	271	358	0.02%	0.003%
8	4.397	402	409	417	rBV3	995	2513	0.11%	0.021%
9	4.696	456	458	461	rBV	103	135	0.01%	0.001%
10	4.824	475	479	481	rBV	122	190	0.01%	0.002%
11	4.916	483	494	507	rBV2	4427	14508	0.66%	0.124%
12	5.013	507	510	512	rVB2	113	134	0.01%	0.001%
13	5.123	523	528	536	rBV2	308	772	0.03%	0.007%
14	5.391	569	572	577	rBB	163	230	0.01%	0.002%
15	5.745	626	630	635	rVV2	454	893	0.04%	0.008%
16	5.781	635	636	639	rVB	141	140	0.01%	0.001%
17	5.824	639	643	644	rBV	131	157	0.01%	0.001%
18	5.934	654	661	670	rBV5	1198	3213	0.15%	0.027%
19	6.251	709	713	714	rBV	132	147	0.01%	0.001%
20	6.293	719	720	725	rVB	121	139	0.01%	0.001%
21	6.684	782	784	786	rBV	127	139	0.01%	0.001%
22	6.824	802	807	810	rBV	88	200	0.01%	0.002%
23	6.854	810	812	815	rVB	128	130	0.01%	0.001%
24	6.903	819	820	825	rBB2	111	154	0.01%	0.001%
25	6.946	825	827	829	rBB	203	137	0.01%	0.001%
26	7.074	839	848	854	rBV	9564	26240	1.19%	0.224%
27	7.366	893	896	900	rBV	188	301	0.01%	0.003%
28	7.647	932	942	954	rVB	64930	158622	7.16%	1.352%
29	7.744	954	958	960	rBB	136	155	0.01%	0.001%
30	7.848	971	975	978	rBB	125	178	0.01%	0.002%
31	8.110	1016	1018	1021	rBB	127	137	0.01%	0.001%
32	8.275	1033	1045	1061	rBV3	143556	429817	19.41%	3.664%
33	8.378	1061	1062	1065	rBV2	345	447	0.02%	0.004%
34	8.512	1082	1084	1086	rVV	224	133	0.01%	0.001%
35	8.561	1090	1092	1095	rVB2	214	195	0.01%	0.002%
36	8.622	1098	1102	1105	rVB3	190	322	0.01%	0.003%

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 Title : SFAM01.0

37	8.683	1109	1112	1113	rBV3	123	131	0.01%	0.001%
38	8.842	1130	1138	1150	rBV	135524	266120	12.02%	2.269%
39	9.043	1168	1171	1174	rBB	145	156	0.01%	0.001%
40	9.079	1175	1177	1178	rBV	268	194	0.01%	0.002%
41	9.183	1190	1194	1196	rBB2	131	177	0.01%	0.002%
42	9.274	1199	1209	1219	rBV	84605	168707	7.62%	1.438%
43	9.342	1219	1220	1222	rVV	160	144	0.01%	0.001%
44	9.457	1236	1239	1241	rBB	161	138	0.01%	0.001%
45	9.598	1260	1262	1265	rVB2	221	261	0.01%	0.002%
46	9.652	1270	1271	1275	rVB	161	160	0.01%	0.001%
47	9.689	1275	1277	1281	rBB	124	135	0.01%	0.001%
48	9.744	1282	1286	1287	rBV	497	429	0.02%	0.004%
49	9.890	1303	1310	1316	rBB4	1324	2625	0.12%	0.022%
50	9.957	1318	1321	1322	rBV	289	277	0.01%	0.002%
51	9.988	1322	1326	1327	rVV	459	534	0.02%	0.005%
52	10.037	1327	1334	1341	rVB	46817	84584	3.82%	0.721%
53	10.104	1343	1345	1348	rVB2	220	161	0.01%	0.001%
54	10.152	1351	1353	1355	rVB	152	132	0.01%	0.001%
55	10.207	1358	1362	1366	rBV2	580	986	0.04%	0.008%
56	10.244	1366	1368	1373	rVB2	626	922	0.04%	0.008%
57	10.323	1373	1381	1388	rBV	199837	345584	15.61%	2.946%
58	10.384	1388	1391	1401	rVB3	2580	4285	0.19%	0.037%
59	10.476	1404	1406	1410	rVB	224	206	0.01%	0.002%
60	10.512	1410	1412	1415	rBV2	230	200	0.01%	0.002%
61	10.579	1415	1423	1433	rBV	29857	52408	2.37%	0.447%
62	10.707	1436	1444	1450	rBV	27606	49959	2.26%	0.426%
63	10.756	1450	1452	1453	rVB	315	209	0.01%	0.002%
64	10.805	1458	1460	1462	rBV3	254	279	0.01%	0.002%
65	10.829	1462	1464	1465	rBV2	581	410	0.02%	0.003%
66	10.847	1465	1467	1471	rVB3	440	472	0.02%	0.004%
67	10.921	1473	1479	1487	rBV	39825	69151	3.12%	0.589%
68	11.061	1495	1502	1511	rBV2	7403	15949	0.72%	0.136%
69	11.628	1588	1595	1605	rBV	211733	360261	16.27%	3.071%
70	11.835	1624	1629	1633	rBV5	1193	1982	0.09%	0.017%
71	11.939	1644	1646	1647	rBV	425	226	0.01%	0.002%
72	11.969	1650	1651	1652	rBV	297	173	0.01%	0.001%
73	12.176	1683	1685	1686	rBV2	486	246	0.01%	0.002%
74	12.323	1691	1709	1711	rBV5	7182	33853	1.53%	0.289%
75	12.426	1719	1726	1727	rBV	10530	23164	1.05%	0.197%
76	12.603	1750	1755	1763	rVB2	81407	139510	6.30%	1.189%

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 Title : SFAM01.0

77	12.689	1763	1769	1776	rBV	69399	116704	5.27%	0.995%
78	12.871	1778	1799	1837	rVV3	246233	1749174	79.01%	14.911%
79	13.316	1857	1872	1884	rBV	480982	2213862	100.00%	18.873%
80	13.554	1906	1911	1917	rVB	294174	457289	20.66%	3.898%
81	13.853	1950	1960	1968	rBV3	287933	659476	29.79%	5.622%
82	13.950	1970	1976	1990	rVV2	182759	635614	28.71%	5.418%
83	14.066	1990	1995	2009	rVB	27540	52719	2.38%	0.449%
84	14.298	2021	2033	2045	rBV3	61386	220421	9.96%	1.879%
85	14.530	2055	2071	2085	rBV3	174950	615779	27.81%	5.249%
86	14.761	2098	2109	2121	rVB2	29681	94743	4.28%	0.808%
87	14.950	2121	2140	2152	rBV	184503	610122	27.56%	5.201%
88	15.066	2152	2159	2167	rBV2	20873	65847	2.97%	0.561%
89	15.255	2182	2190	2198	rVV6	6718	21063	0.95%	0.180%
90	15.359	2198	2207	2212	rVV2	22085	46928	2.12%	0.400%
91	15.432	2215	2219	2222	rVV	21056	46642	2.11%	0.398%
92	15.487	2224	2228	2240	rVB4	52165	138492	6.26%	1.181%
93	15.639	2240	2253	2271	rVB3	224242	916820	41.41%	7.816%
94	15.840	2275	2286	2290	rBV10	3725	11422	0.52%	0.097%
95	15.944	2291	2303	2319	rVB3	36317	151154	6.83%	1.289%
96	16.121	2321	2332	2343	rBV2	26767	88594	4.00%	0.755%
97	16.371	2361	2373	2374	rBV5	9663	28169	1.27%	0.240%
98	16.432	2376	2383	2396	rVB2	57704	179509	8.11%	1.530%
99	16.639	2410	2417	2426	rVB	35004	78973	3.57%	0.673%
100	16.773	2429	2439	2440	rBV2	2544	5709	0.26%	0.049%

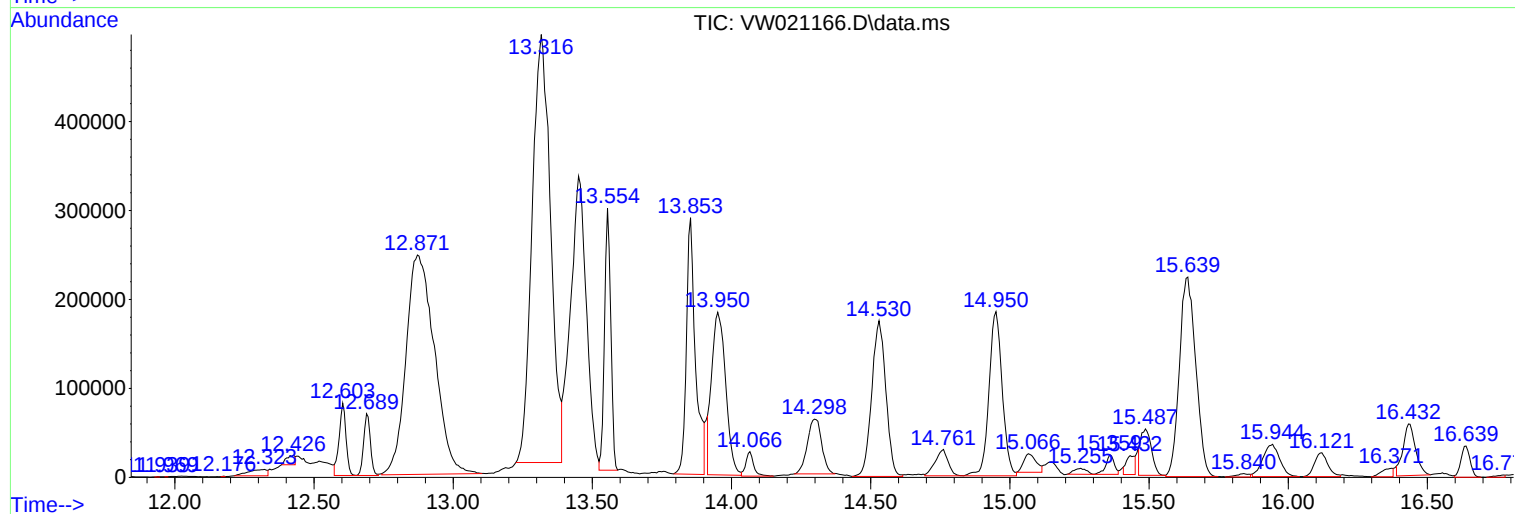
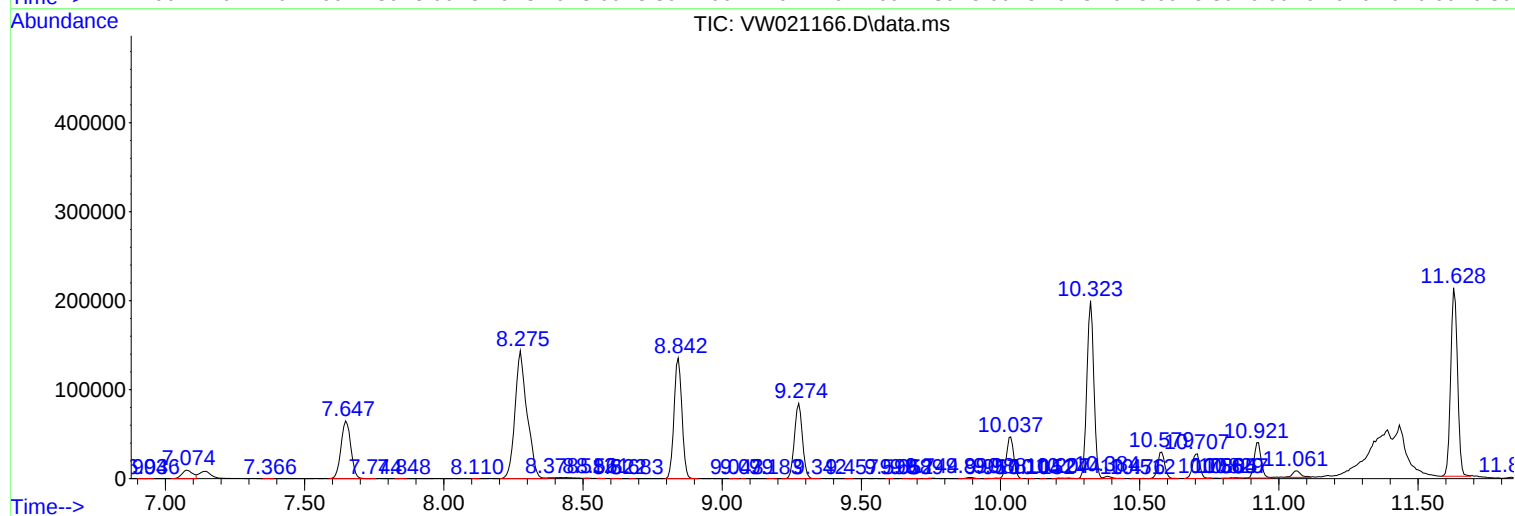
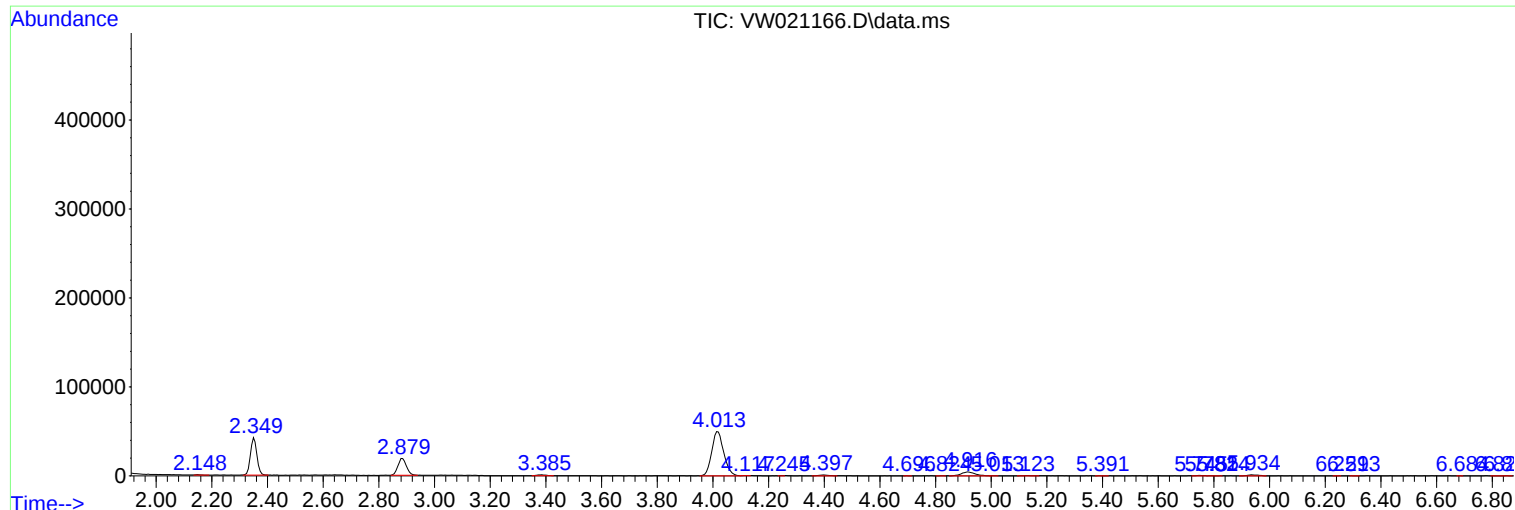
Sum of corrected areas: 11730480

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

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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ALS Vial : 11 Sample Multiplier: 1

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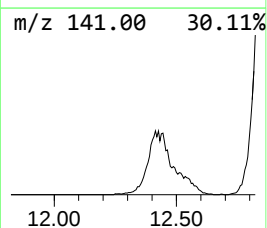
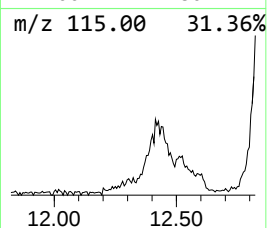
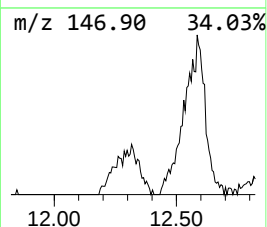
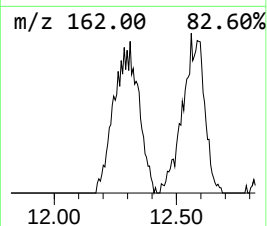
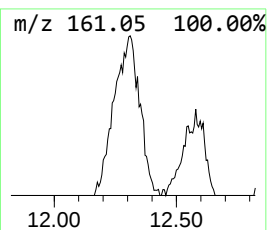
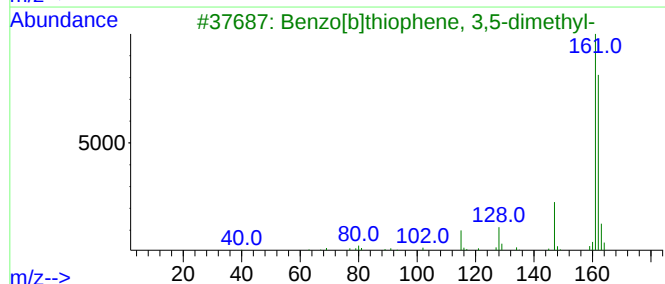
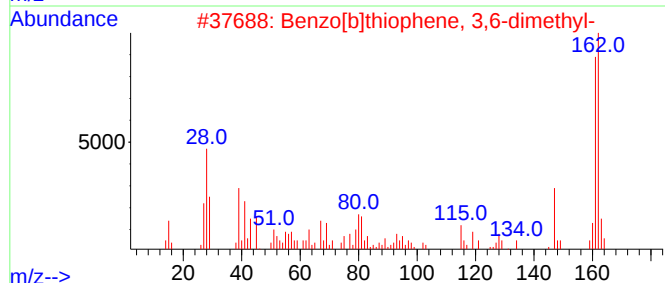
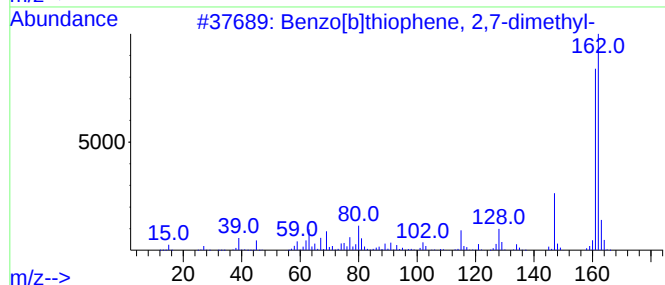
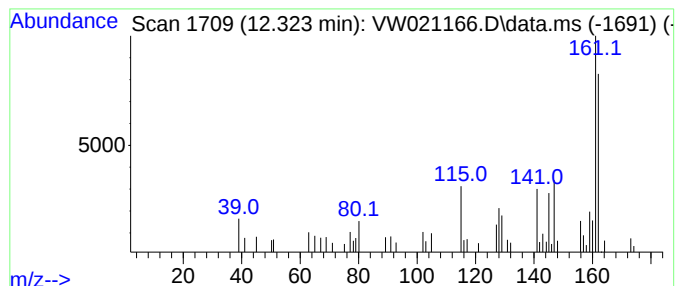
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzo[b]thiophene, 2,7-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.323	2.35 ug/L	33853	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2,7-dimethyl-	162	C10H10S	016587-40-9	62
2			Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	58
3			Benzo[b]thiophene, 3,5-dimethyl-	162	C10H10S	001964-45-0	50
4			Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	43
5			Thianaphtene-3-carboxaldehyde	162	C9H6OS	005381-20-4	43



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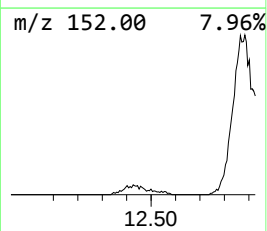
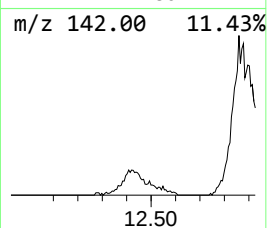
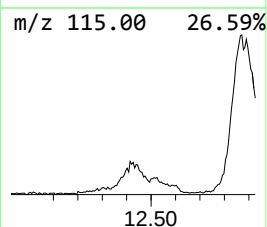
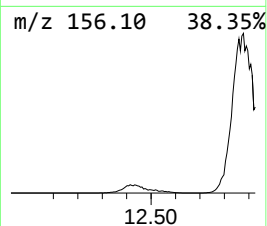
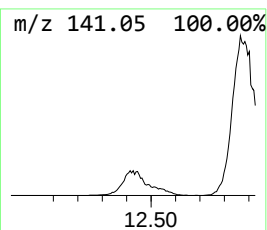
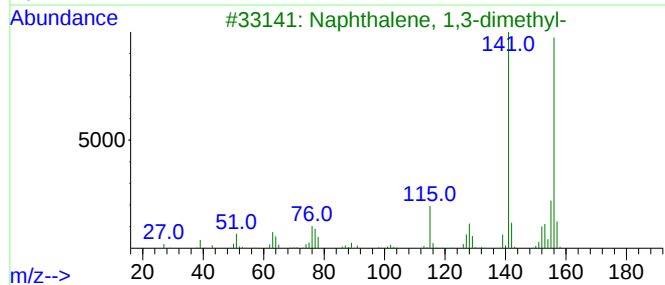
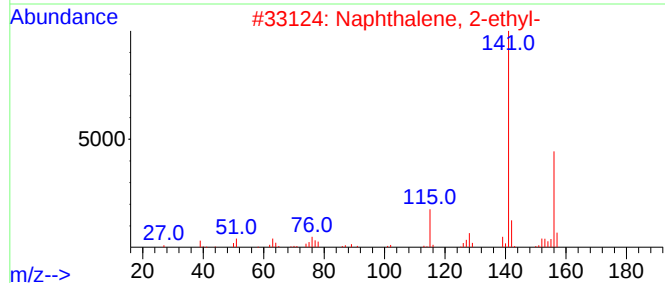
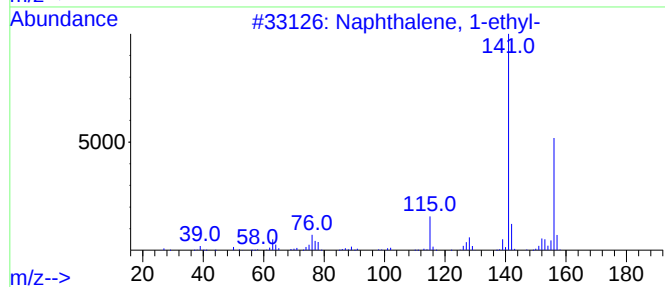
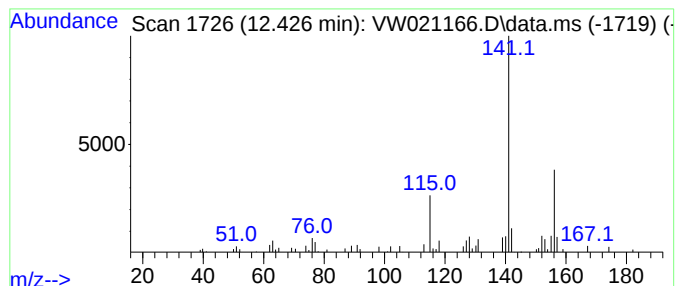
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.426	1.61 ug/L	23164	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



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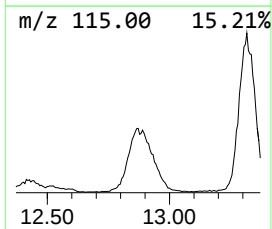
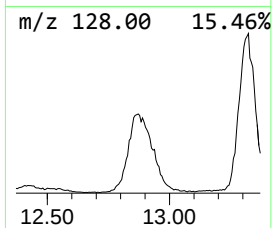
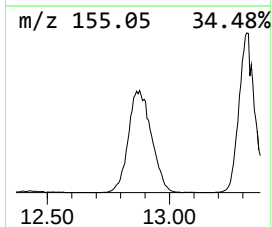
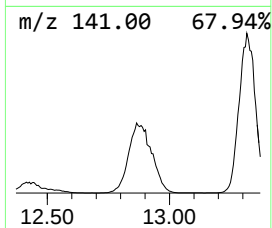
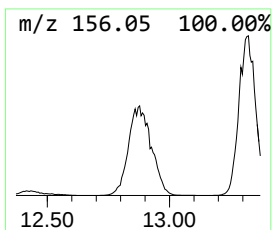
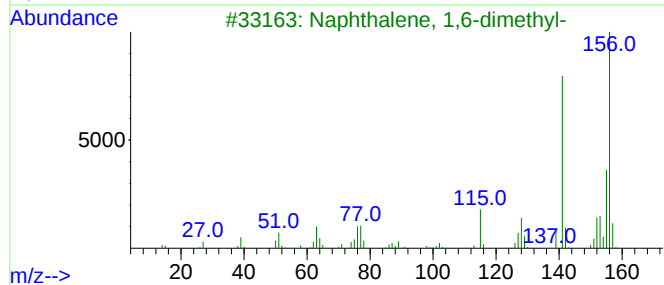
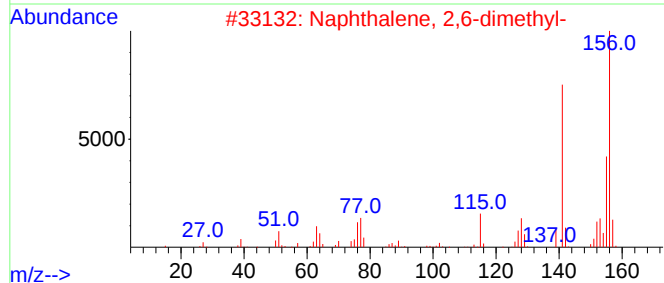
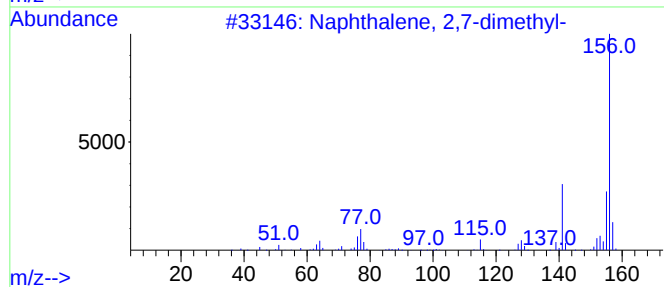
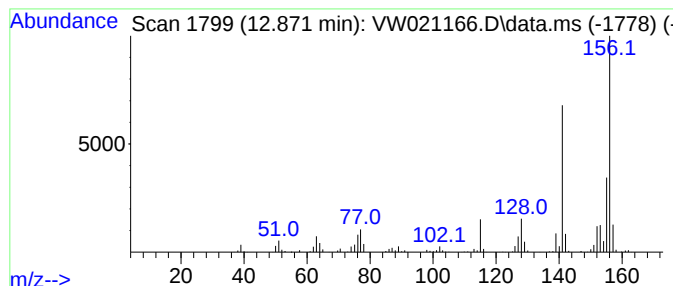
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.871	95.63 ug/L	1749170	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

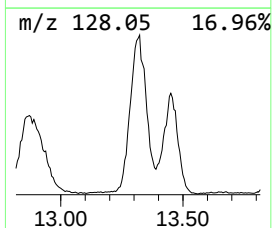
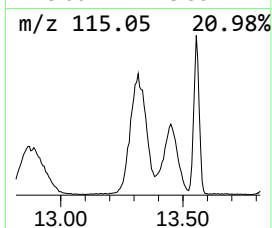
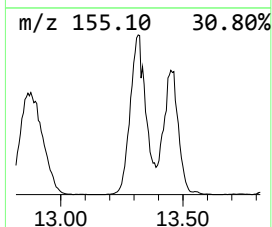
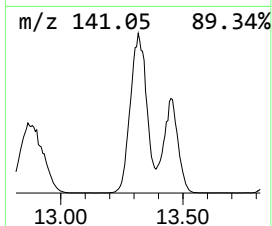
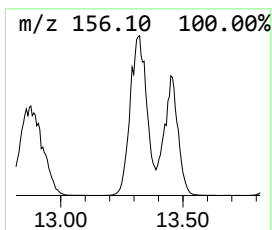
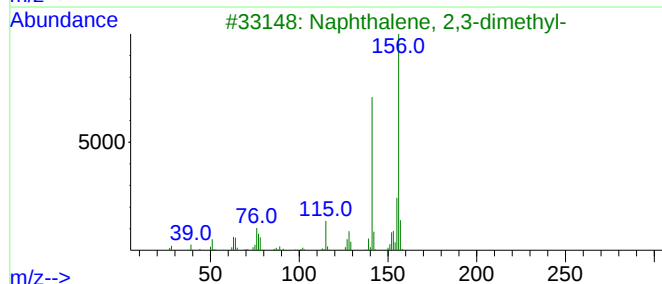
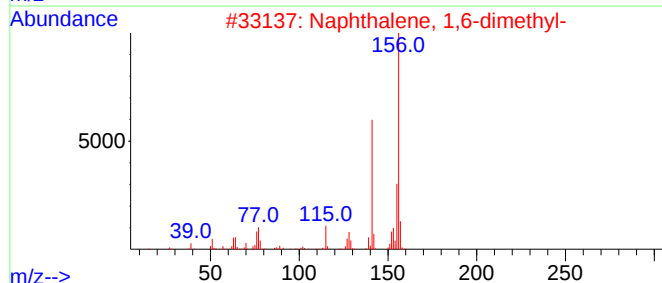
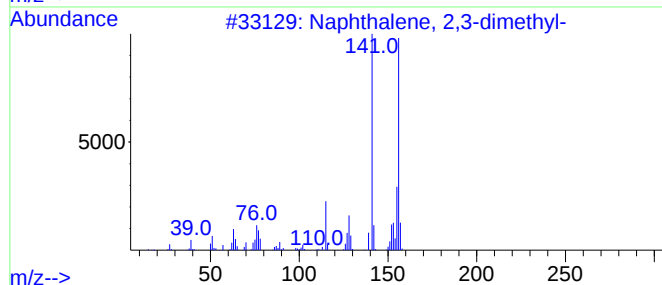
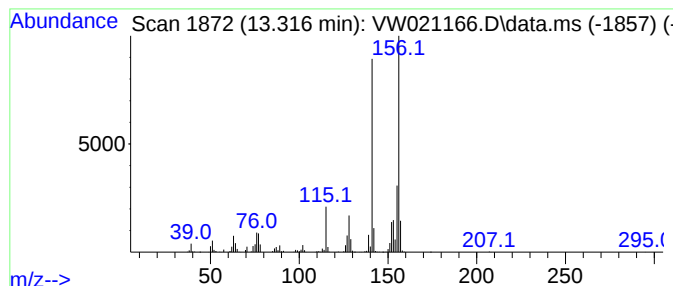
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Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.317	121.03 ug/L	2213860	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

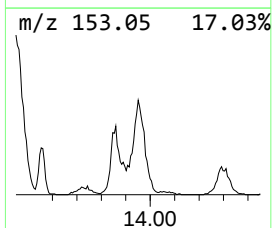
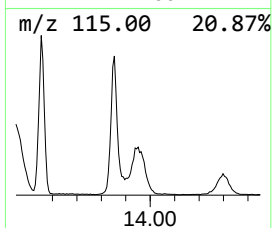
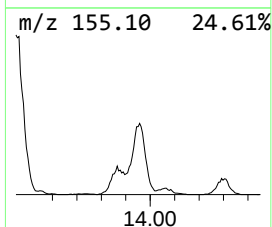
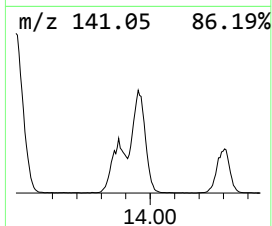
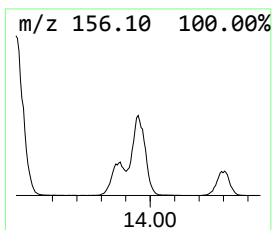
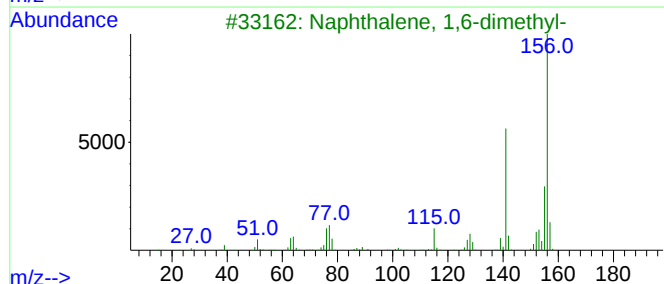
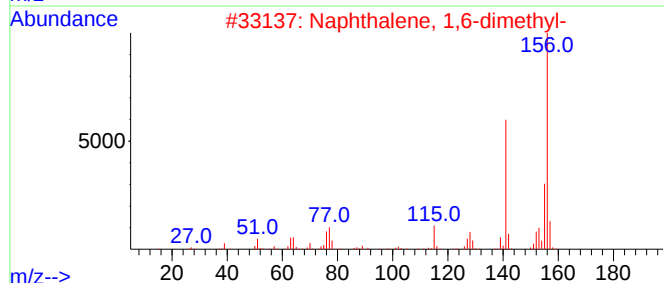
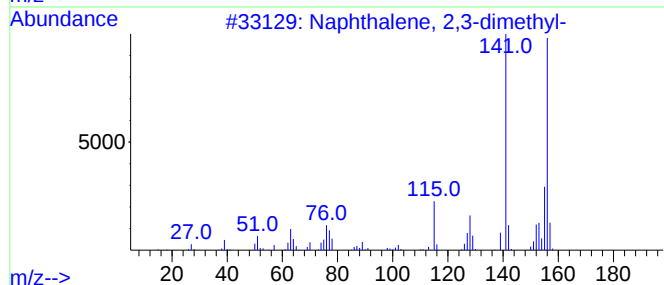
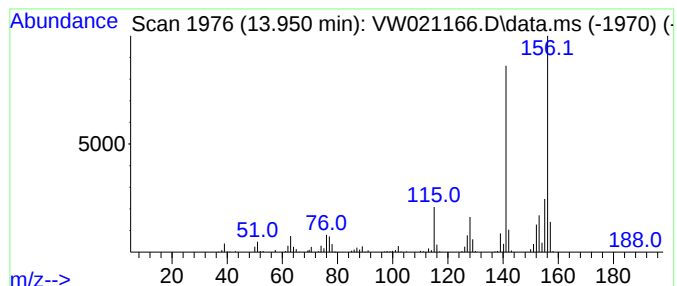
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	34.75 ug/L	635614	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

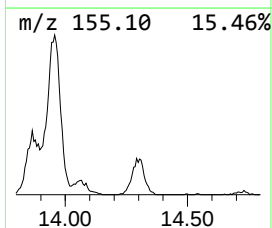
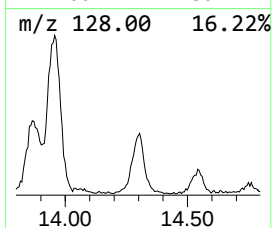
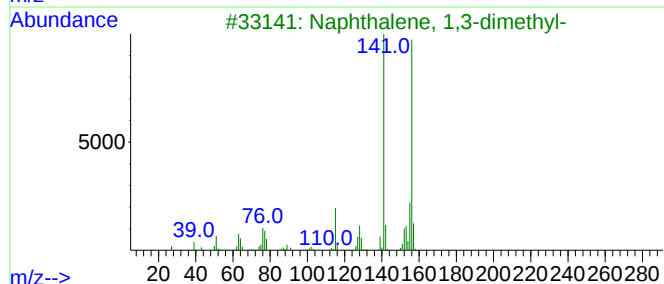
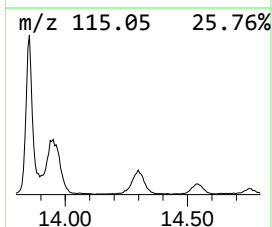
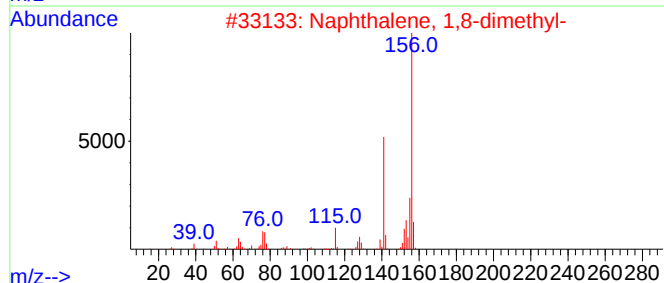
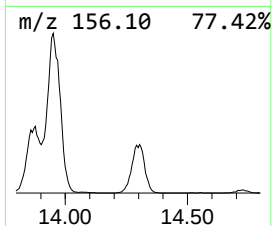
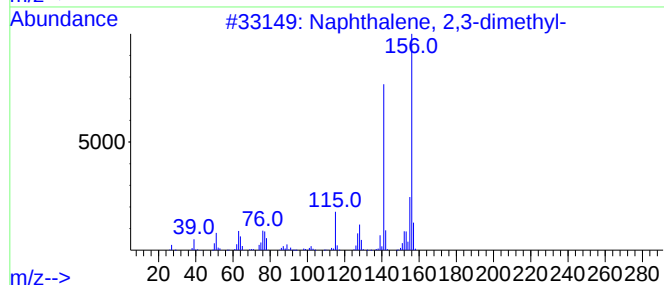
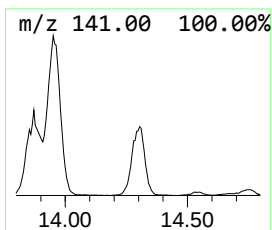
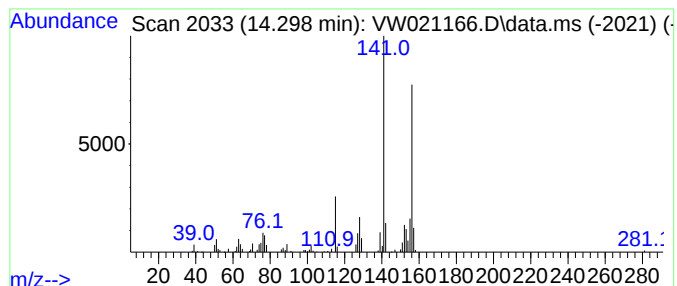
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 1,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	12.05 ug/L	220421	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

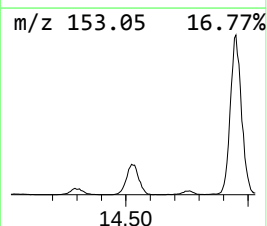
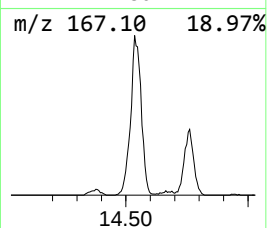
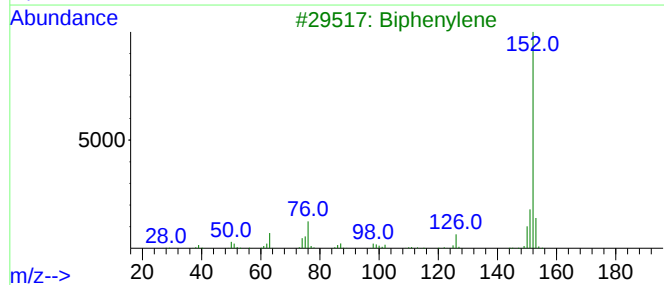
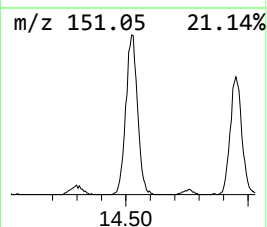
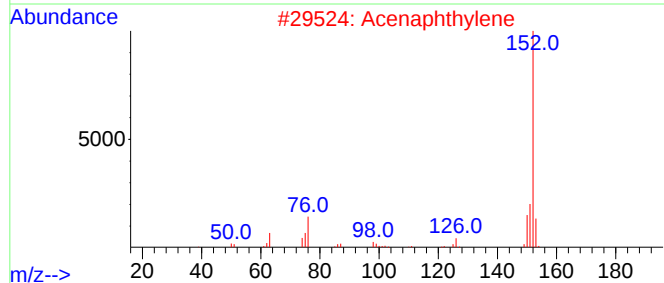
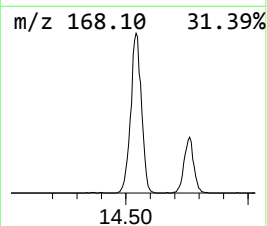
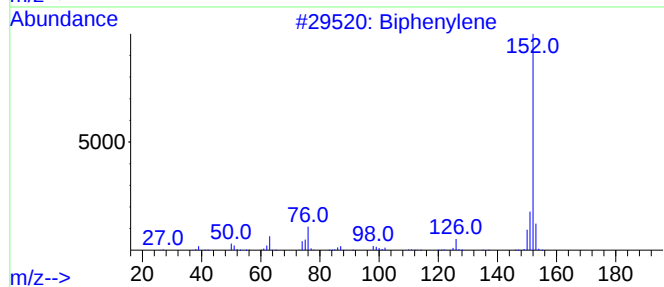
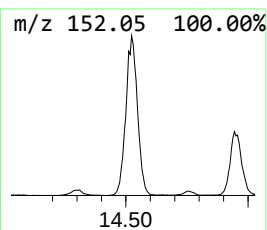
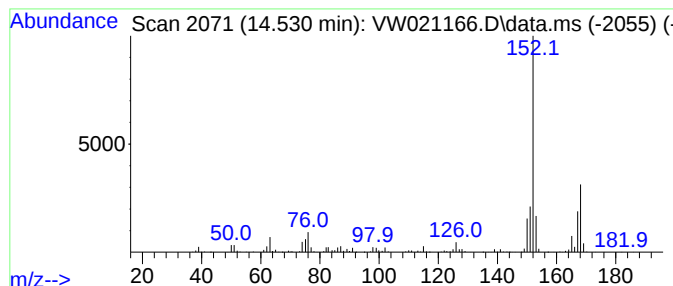
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Quant Title : SFAM01.0

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

Peak Number 12 Biphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.530	33.66 ug/L	615779	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	93
2			Acenaphthylene	152	C12H8	000208-96-8	70
3			Biphenylene	152	C12H8	000259-79-0	70
4			Acenaphthylene	152	C12H8	000208-96-8	70
5			1-Aza-2-sila-5-boracyclopent-3-e...	167	C8H18BNSi	125212-69-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

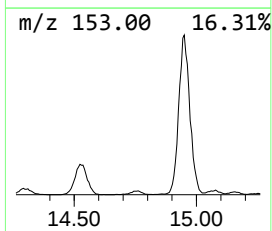
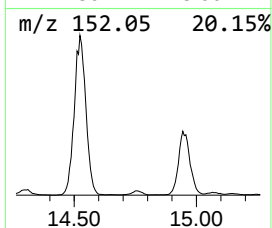
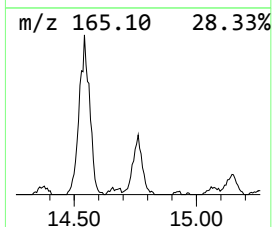
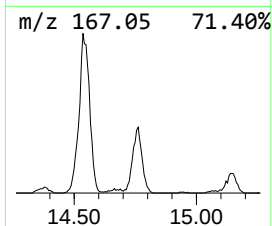
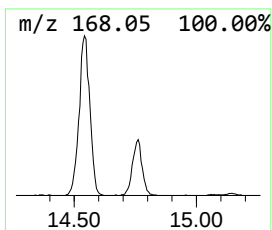
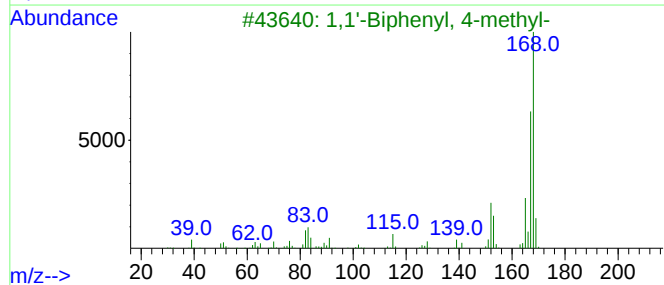
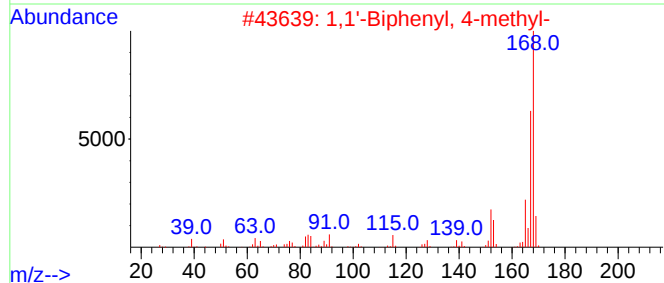
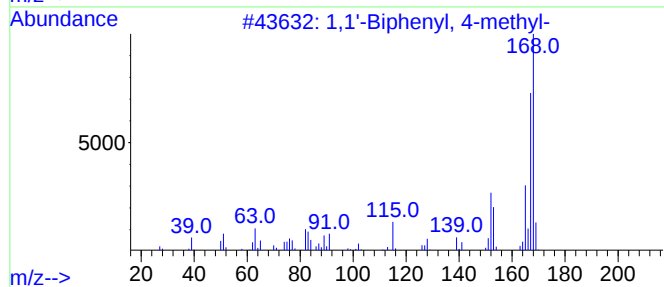
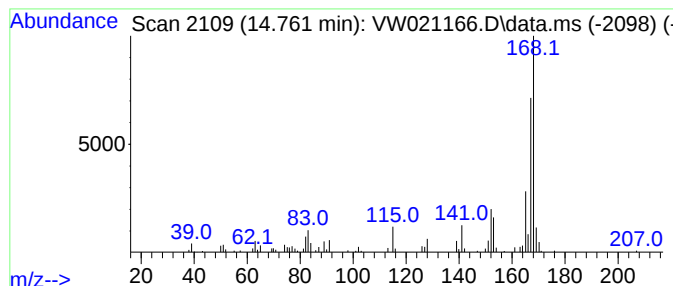
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Quant Title : SFAM01.0

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

Peak Number 13 1,1'-Biphenyl, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	5.18 ug/L	94743	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	96		
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95		
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93		
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	93		
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

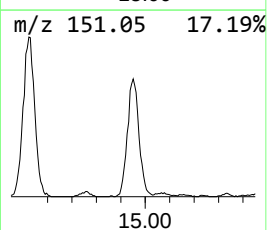
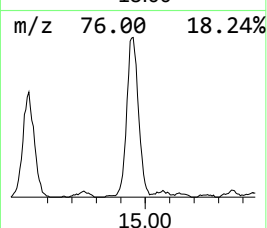
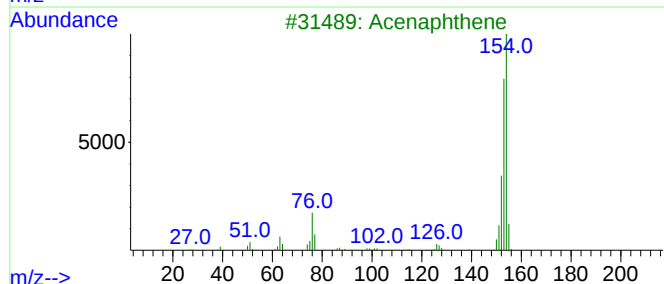
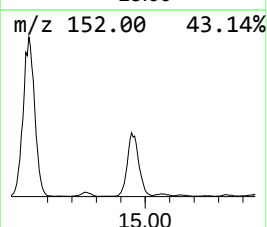
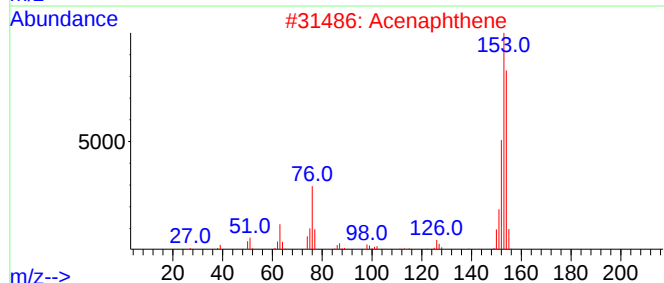
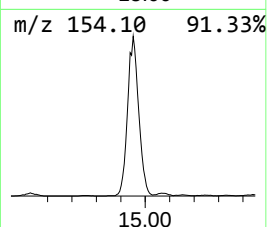
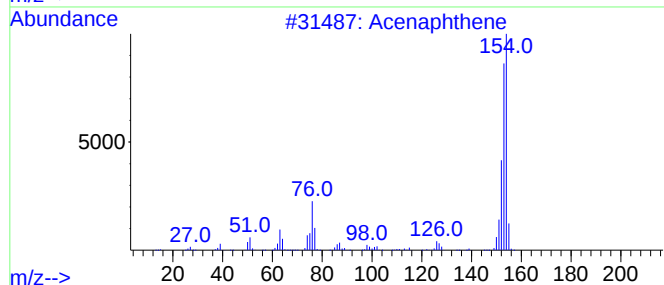
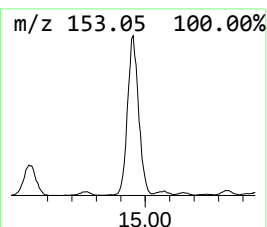
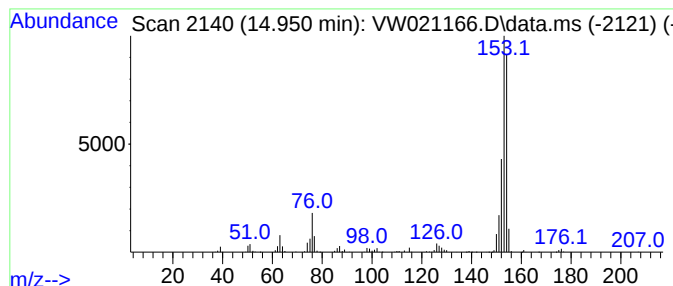
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Quant Title : SFAM01.0

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

Peak Number 14 Acenaphthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	33.36 ug/L	610122	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	90
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Acenaphthene	154	C12H10	000083-32-9	81
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
5			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

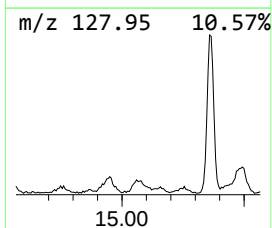
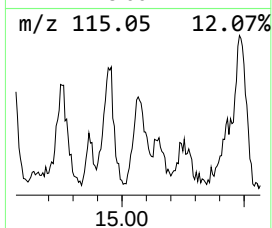
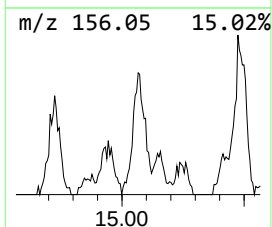
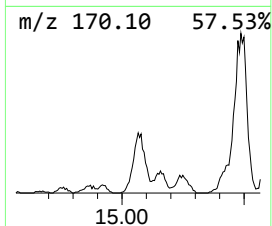
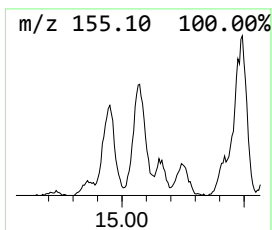
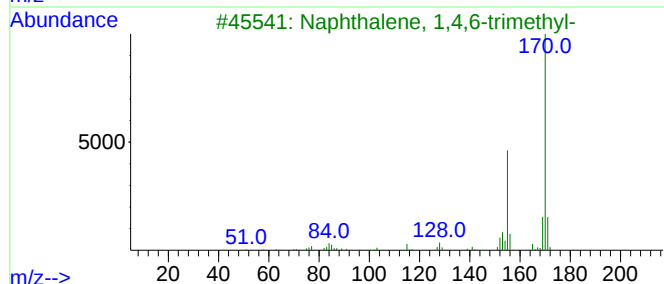
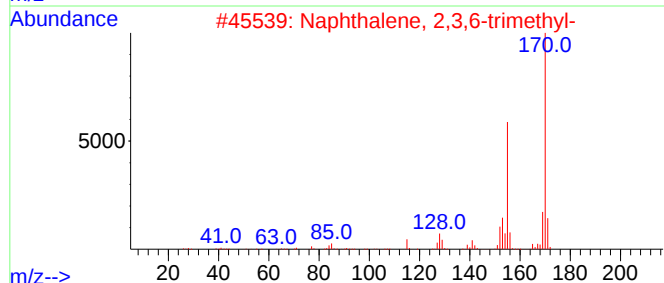
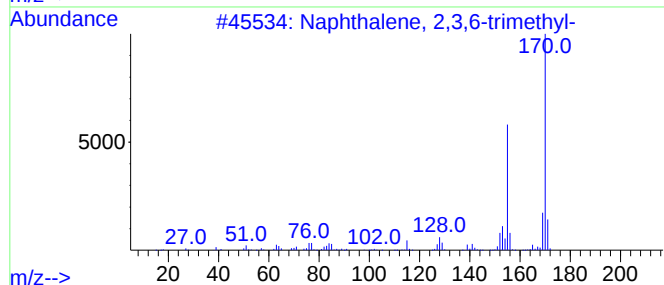
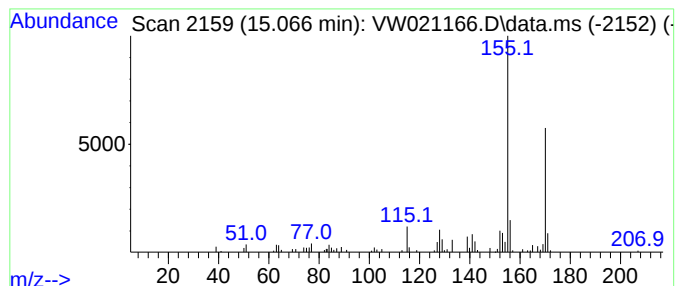
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Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	3.60 ug/L	65847	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	80
4			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

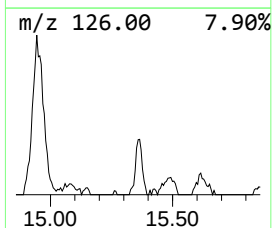
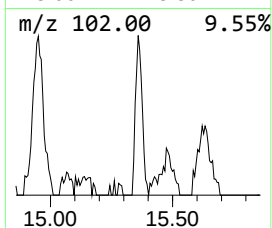
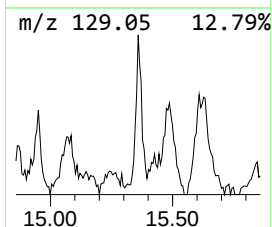
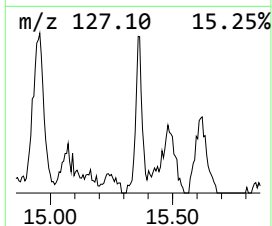
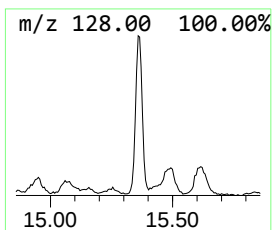
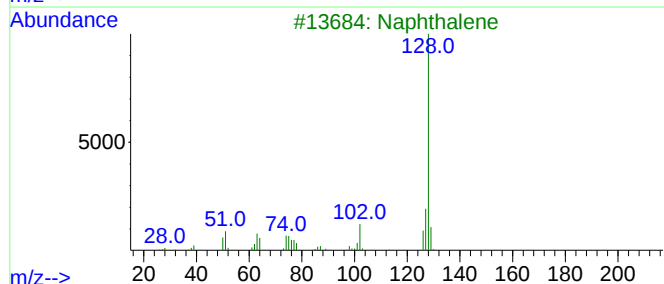
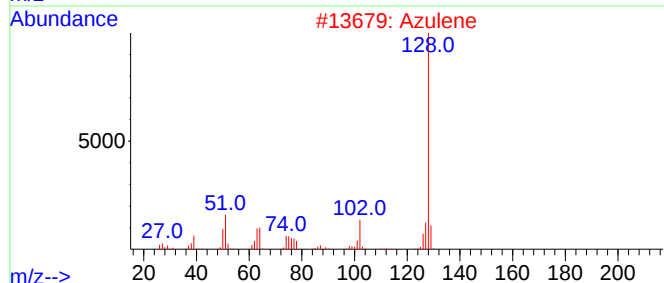
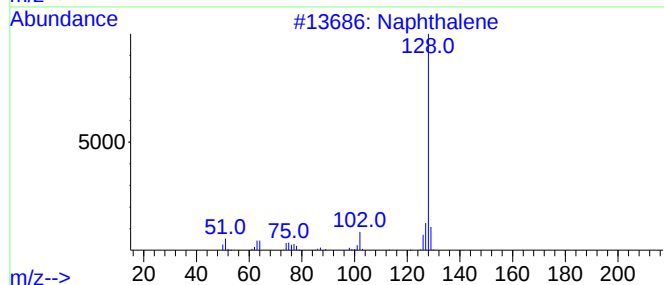
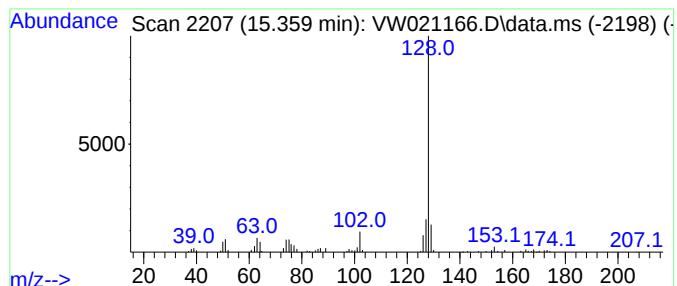
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Quant Title : SFAM01.0

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

Peak Number 16 Azulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	2.57 ug/L	46928	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Azulene	128	C10H8	000275-51-4	91
3			Naphthalene	128	C10H8	000091-20-3	91
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

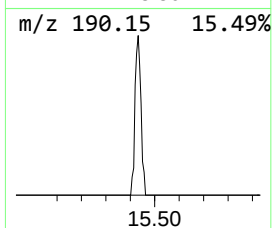
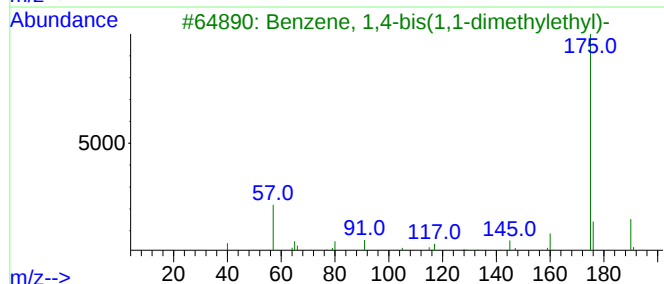
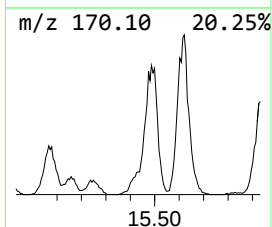
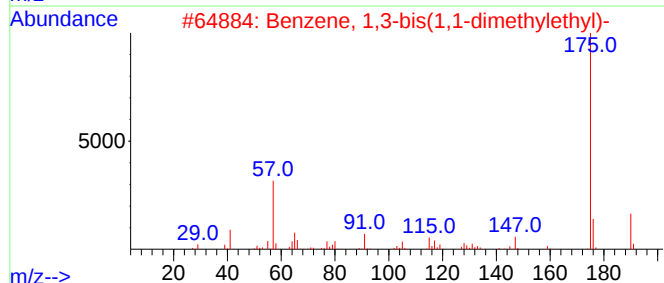
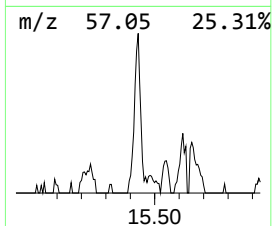
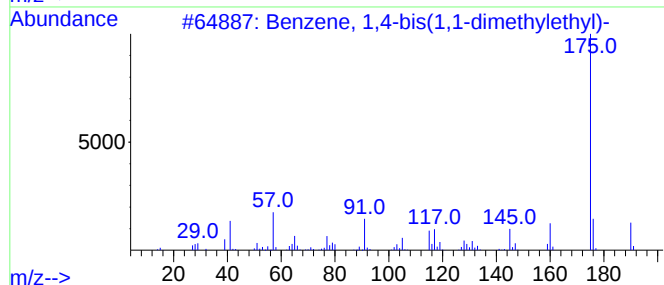
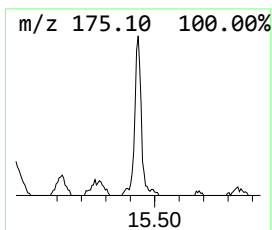
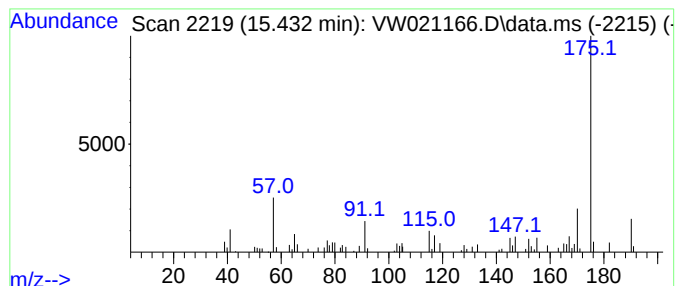
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	2.55 ug/L	46642	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	53
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	53
3			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	49
4			p-Pentylacetophenone	190	C13H18O	037593-02-5	49
5			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

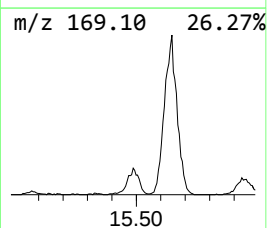
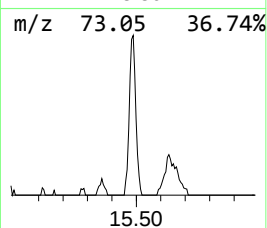
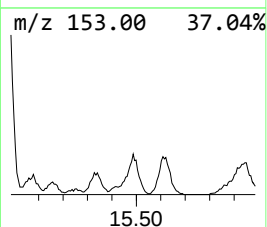
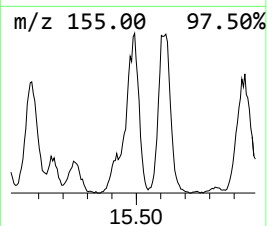
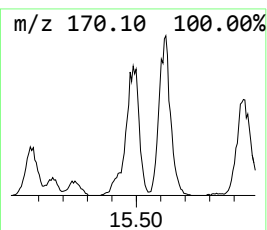
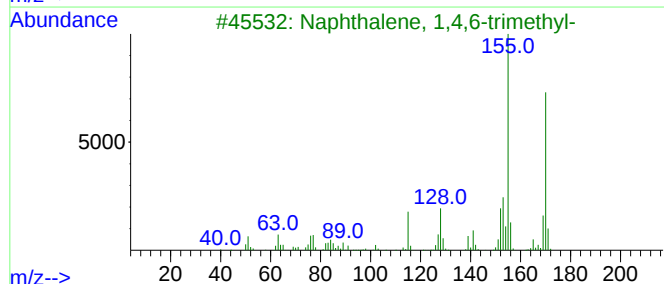
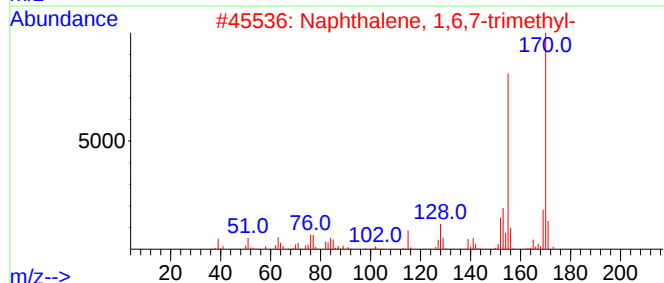
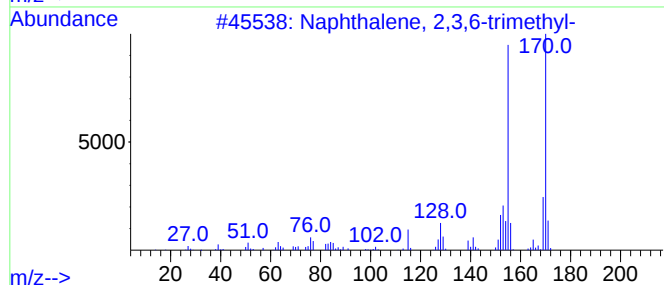
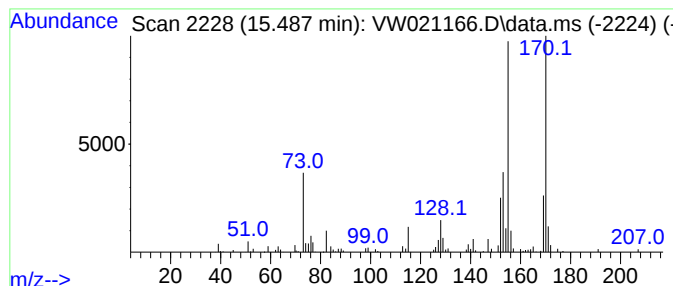
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Quant Title : SFAM01.0

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

Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.487	7.57 ug/L	138492	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

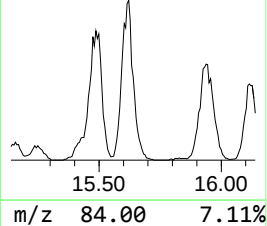
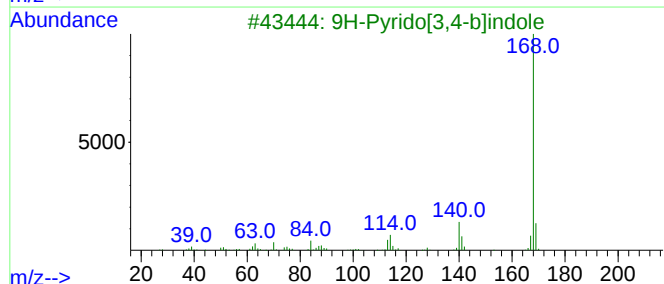
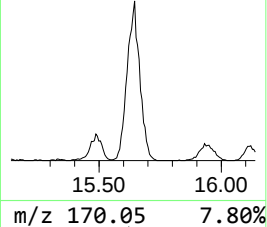
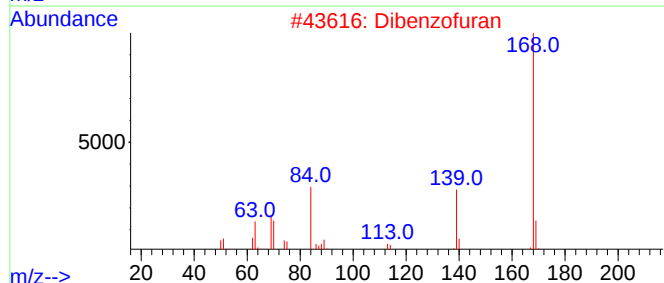
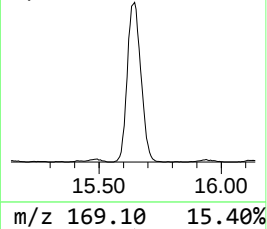
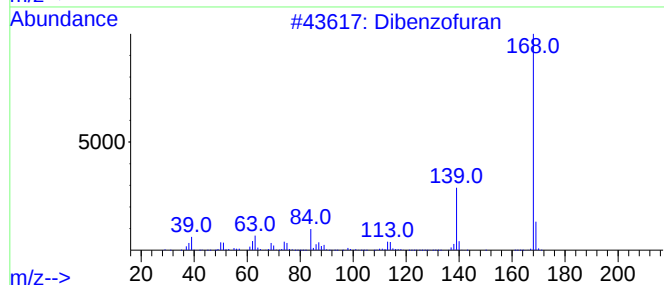
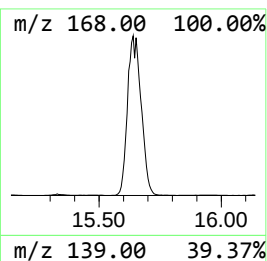
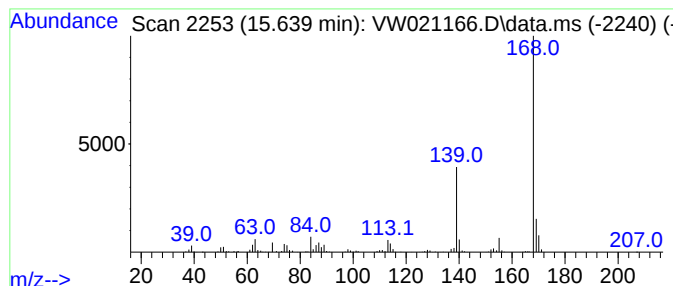
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Quant Title : SFAM01.0

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

Peak Number 19 Dibenzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	50.12 ug/L	916820	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	90
2			Dibenzofuran	168	C12H8O	000132-64-9	86
3			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	52
4			2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	50
5			4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

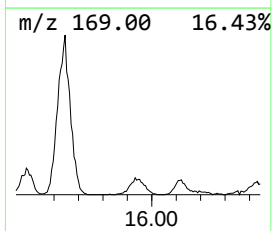
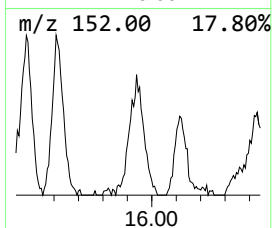
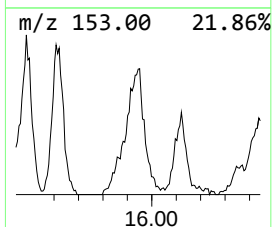
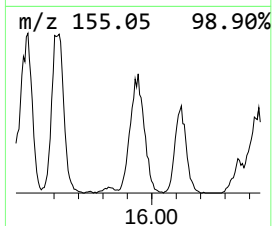
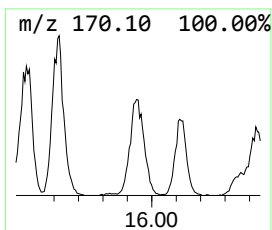
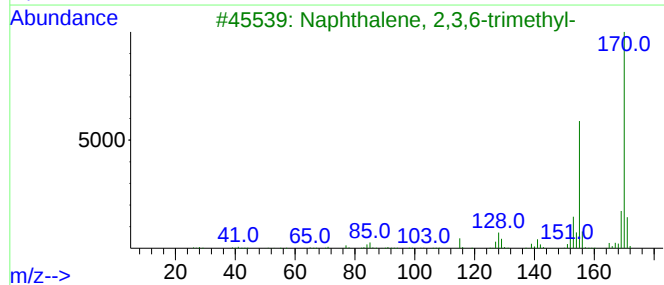
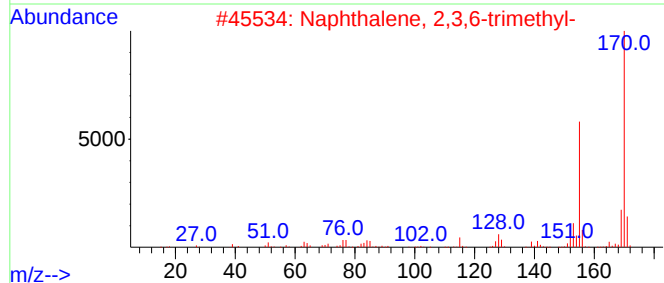
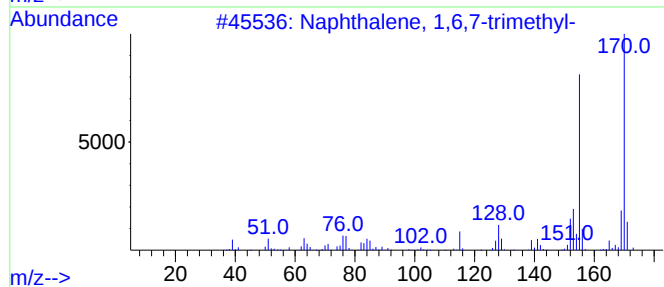
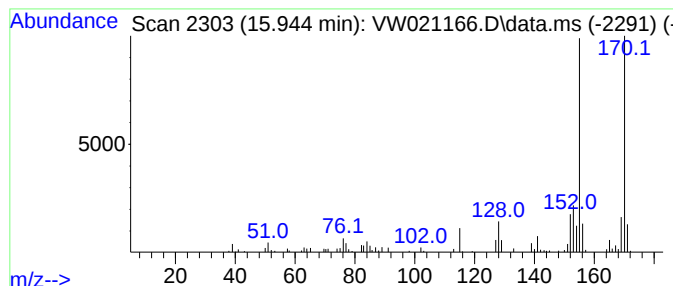
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Quant Title : SFAM01.0

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

Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	8.26 ug/L	151154	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

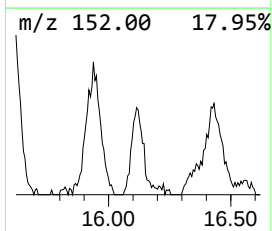
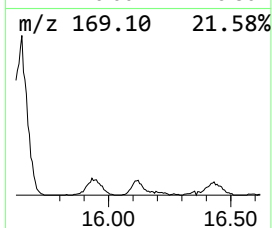
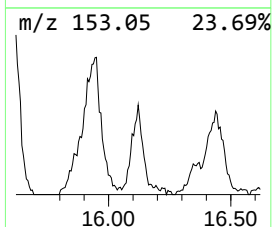
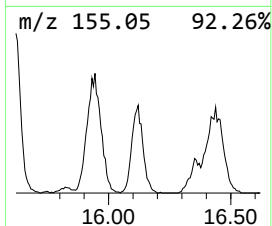
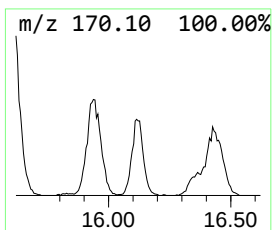
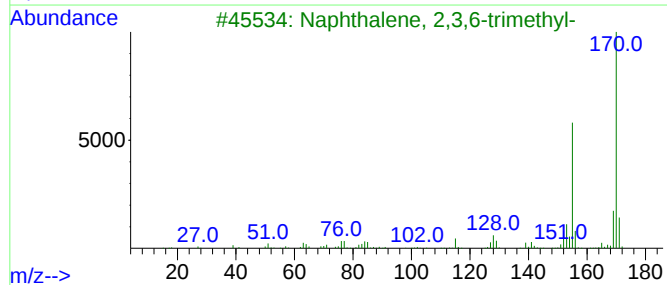
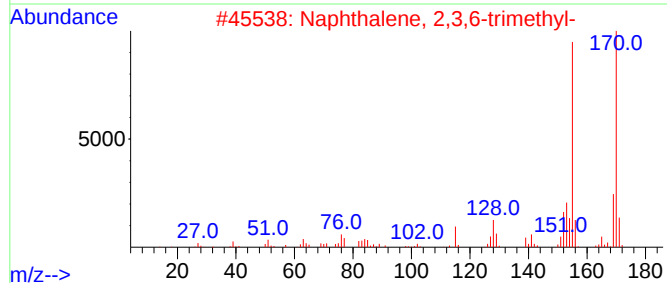
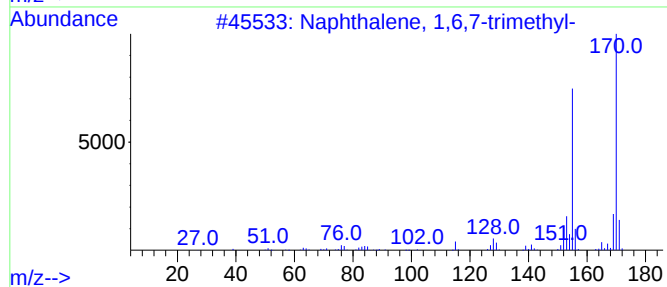
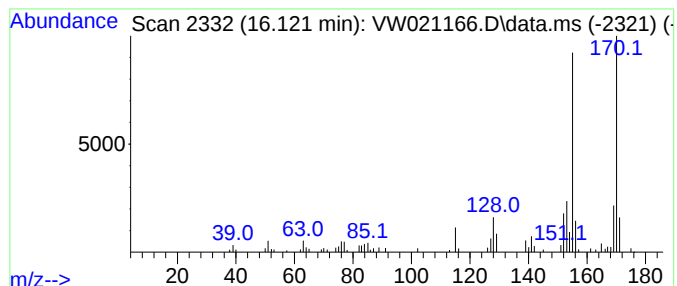
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.121	4.84 ug/L	88594	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

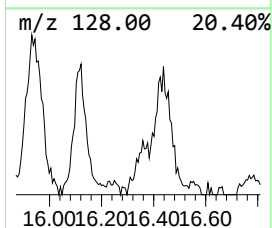
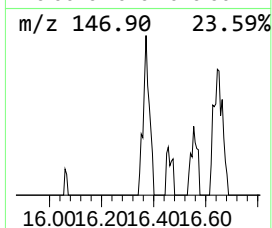
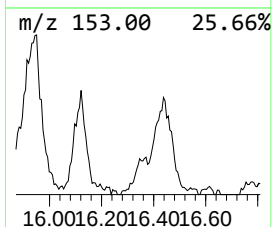
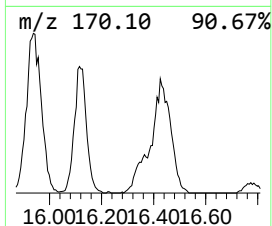
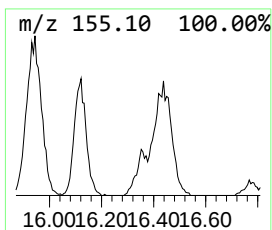
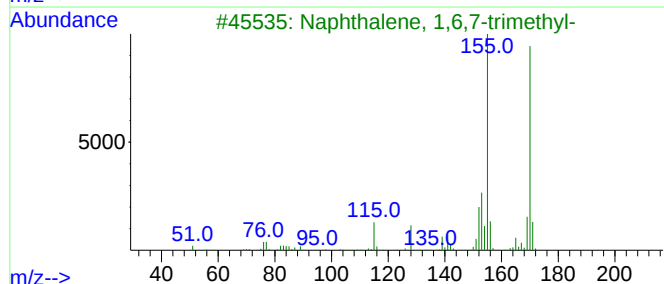
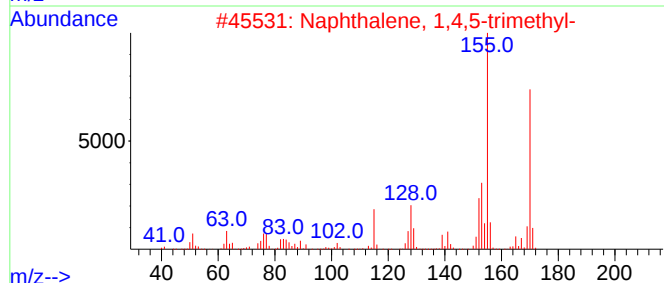
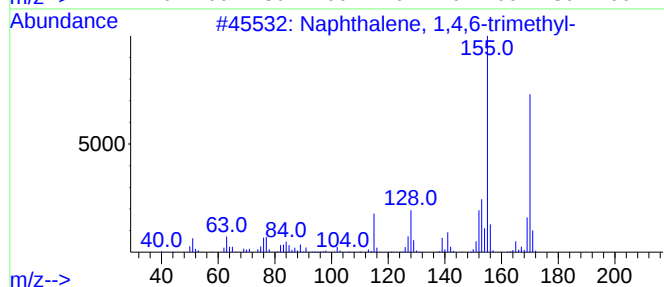
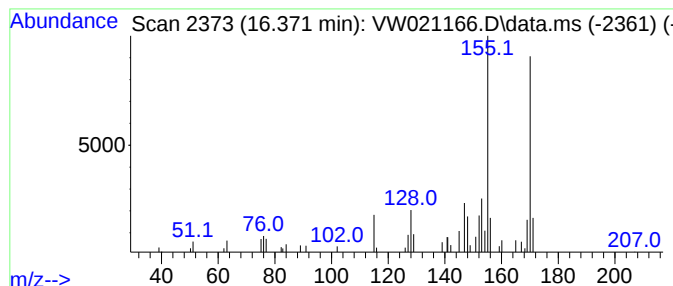
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Quant Title : SFAM01.0

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

Peak Number 22 Naphthalene, 1,4,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	1.54 ug/L	28169	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

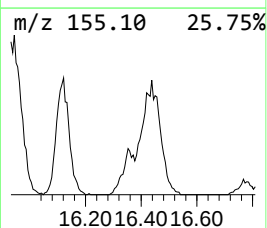
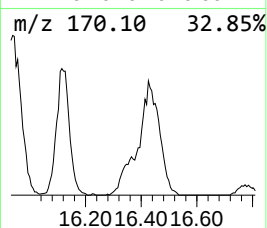
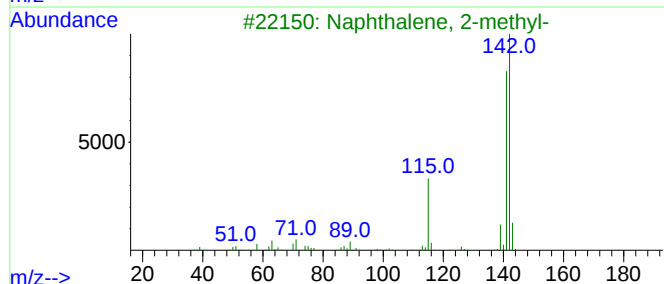
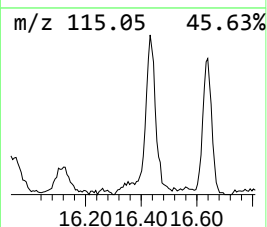
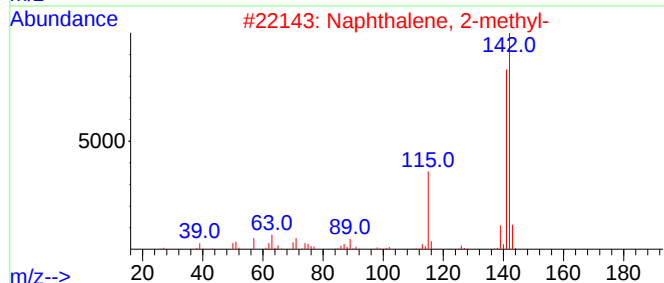
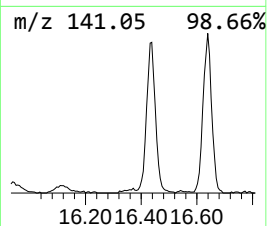
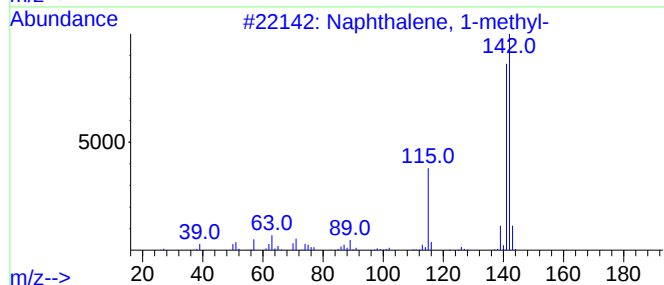
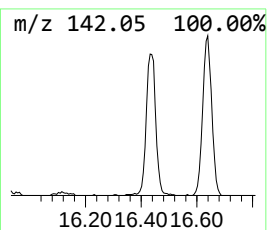
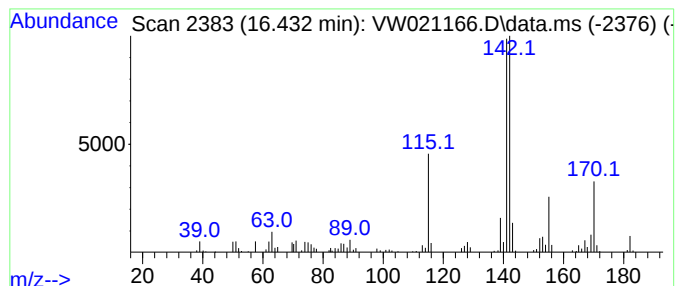
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Quant Title : SFAM01.0

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

Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	9.81 ug/L	179509	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			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			Benzocycloheptatriene	142	C11H10	000264-09-5	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021166.D
Acq On : 06 Dec 2021 13:57
Operator : SY/VA
Sample : VIBLK506
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK506

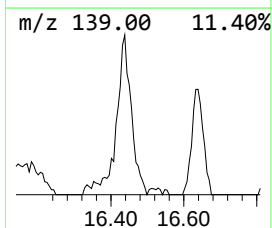
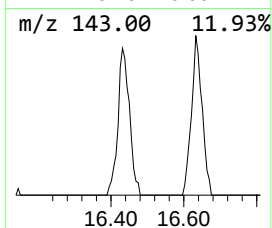
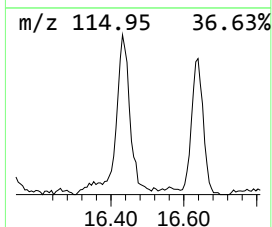
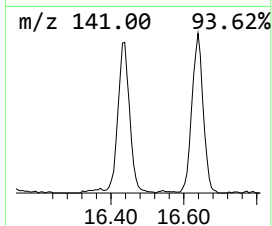
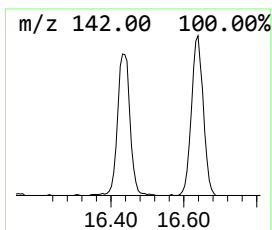
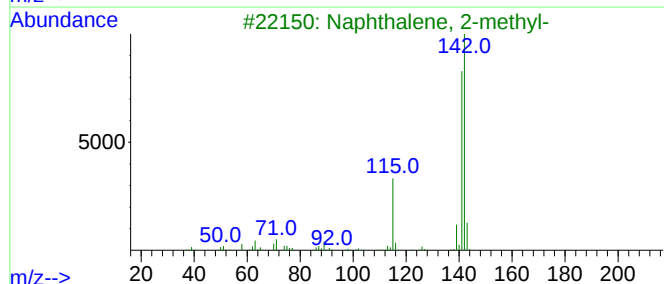
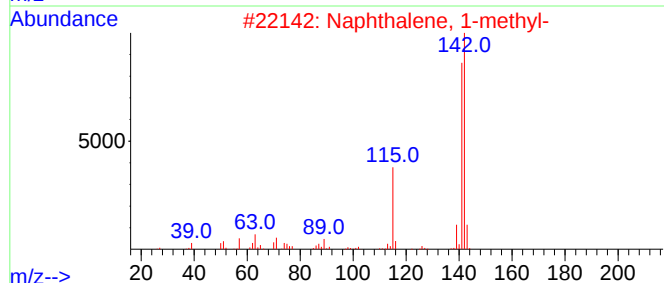
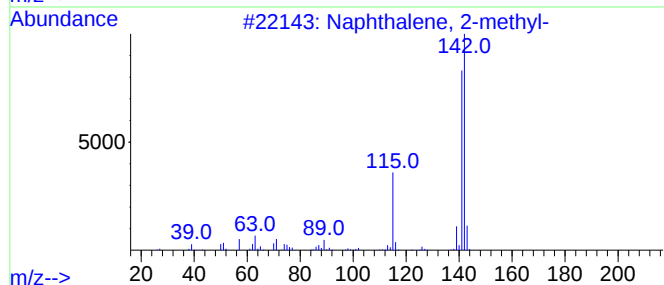
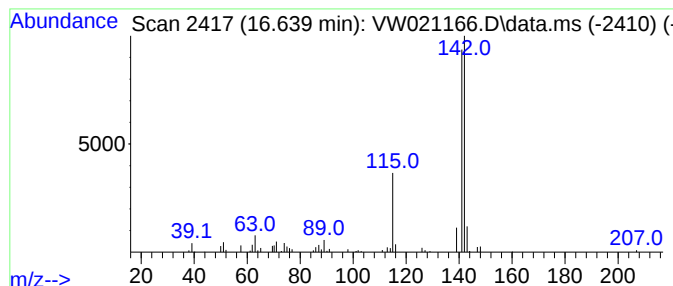
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Quant Title : SFAM01.0

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

Peak Number 24 Naphthalene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	4.32 ug/L	78973	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021166.D
 Acq On : 06 Dec 2021 13:57
 Operator : SY/VA
 Sample : VIBLK506
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK506

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
Benzo[b]thiophe...	12.323	2.4	ug/L	33853	2	11.628	360261	25.0
Naphthalene, 1-...	12.426	1.6	ug/L	23164	2	11.628	360261	25.0
Naphthalene, 2,...	12.871	95.6	ug/L	1749170	3	13.554	457289	25.0
Naphthalene, 2,...	13.317	121.0	ug/L	2213860	3	13.554	457289	25.0
Naphthalene, 1,...	13.951	34.8	ug/L	635614	3	13.554	457289	25.0
Naphthalene, 1,...	14.298	12.1	ug/L	220421	3	13.554	457289	25.0
Biphenylene	14.530	33.7	ug/L	615779	3	13.554	457289	25.0
1,1'-Biphenyl, ...	14.761	5.2	ug/L	94743	3	13.554	457289	25.0
Acenaphthene	14.950	33.4	ug/L	610122	3	13.554	457289	25.0
Naphthalene, 2,...	15.066	3.6	ug/L	65847	3	13.554	457289	25.0
Azulene	15.359	2.6	ug/L	46928	3	13.554	457289	25.0
Benzene, 1,4-bi...	15.432	2.5	ug/L	46642	3	13.554	457289	25.0
Naphthalene, 1,...	15.487	7.6	ug/L	138492	3	13.554	457289	25.0
Dibenzofuran	15.639	50.1	ug/L	916820	3	13.554	457289	25.0
Naphthalene, 1,...	15.944	8.3	ug/L	151154	3	13.554	457289	25.0
unknown-01	16.121	4.8	ug/L	88594	3	13.554	457289	25.0
Naphthalene, 1,...	16.371	1.5	ug/L	28169	3	13.554	457289	25.0
Naphthalene, 1-...	16.432	9.8	ug/L	179509	3	13.554	457289	25.0
Naphthalene, 2-...	16.639	4.3	ug/L	78973	3	13.554	457289	25.0