

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020442.D
 Acq On : 11 Oct 2021 14:16
 Operator : SY/VA
 Sample : VIBLK471
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK471

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\SFAMWLM100821SMA.M
 Title : SFAM01.0

Signal : TIC: VW020442.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	39	41	47	rVB2	1886	2615	0.19%	0.015%
2	2.349	66	73	80	rVB	98310	159411	11.36%	0.932%
3	2.794	144	146	147	rBV2	456	290	0.02%	0.002%
4	2.879	153	160	172	rVB	48699	96575	6.88%	0.565%
5	3.038	184	186	187	rBV2	558	330	0.02%	0.002%
6	3.269	221	224	225	rVV	160	138	0.01%	0.001%
7	3.379	239	242	244	rBV2	137	161	0.01%	0.001%
8	3.489	256	260	261	rBV	89	136	0.01%	0.001%
9	3.501	261	262	265	rVV2	177	158	0.01%	0.001%
10	3.525	265	266	268	rVV	229	157	0.01%	0.001%
11	3.550	268	270	271	rVV	194	163	0.01%	0.001%
12	3.586	275	276	277	rVV	235	125	0.01%	0.001%
13	3.605	277	279	281	rVV	255	305	0.02%	0.002%
14	3.690	289	293	298	rVB2	244	451	0.03%	0.003%
15	3.818	311	314	319	rVB	115	162	0.01%	0.001%
16	4.013	332	346	364	rBV	151643	436312	31.10%	2.551%
17	4.141	364	367	372	rVB3	350	642	0.05%	0.004%
18	4.257	380	386	390	rBV3	222	446	0.03%	0.003%
19	4.336	397	399	402	rVV	170	140	0.01%	0.001%
20	4.385	402	407	409	rVV3	126	154	0.01%	0.001%
21	4.403	409	410	413	rVB	152	129	0.01%	0.001%
22	4.574	435	438	439	rBV2	121	139	0.01%	0.001%
23	4.653	448	451	455	rVB2	98	148	0.01%	0.001%
24	4.806	473	476	477	rBV2	106	135	0.01%	0.001%
25	4.915	481	494	509	rVV	23291	76161	5.43%	0.445%
26	5.251	548	549	552	rBV2	109	121	0.01%	0.001%
27	5.318	557	560	568	rVB2	129	248	0.02%	0.001%
28	5.391	568	572	573	rBV	132	146	0.01%	0.001%
29	5.604	605	607	611	rBV	92	123	0.01%	0.001%
30	5.940	652	662	672	rVB3	6240	18642	1.33%	0.109%
31	6.354	728	730	733	rBV2	105	157	0.01%	0.001%
32	6.568	762	765	766	rVB2	130	121	0.01%	0.001%
33	6.610	769	772	774	rVB2	121	117	0.01%	0.001%
34	6.714	786	789	791	rVB2	110	127	0.01%	0.001%
35	6.830	806	808	811	rBV	102	123	0.01%	0.001%
36	7.086	840	850	868	rBV	40703	117324	8.36%	0.686%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
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37	7.256	877	878	879	rVV	280	148	0.01%	0.001%
38	7.275	879	881	883	rVV	183	206	0.01%	0.001%
39	7.311	885	887	889	rVB3	143	130	0.01%	0.001%
40	7.531	918	923	924	rBV	379	426	0.03%	0.002%
41	7.555	924	927	930	rVV4	450	722	0.05%	0.004%
42	7.653	930	943	959	rVB	230492	565159	40.28%	3.304%
43	7.769	959	962	967	rBV2	347	489	0.03%	0.003%
44	7.860	975	977	979	rBV2	122	116	0.01%	0.001%
45	7.951	988	992	996	rVB3	276	502	0.04%	0.003%
46	8.037	1003	1006	1008	rBV2	134	183	0.01%	0.001%
47	8.275	1034	1045	1060	rBV2	475522	1403107	100.00%	8.202%
48	8.689	1111	1113	1117	rVB3	454	500	0.04%	0.003%
49	8.732	1117	1120	1124	rVB3	223	332	0.02%	0.002%
50	8.762	1124	1125	1127	rBV	204	136	0.01%	0.001%
51	8.842	1129	1138	1148	rBV	394335	763928	54.45%	4.466%
52	8.927	1150	1152	1153	rVB2	198	132	0.01%	0.001%
53	8.951	1154	1156	1160	rVB4	493	581	0.04%	0.003%
54	8.994	1160	1163	1164	rBV	173	112	0.01%	0.001%
55	9.012	1164	1166	1167	rBV2	209	214	0.02%	0.001%
56	9.031	1167	1169	1170	rBV2	146	126	0.01%	0.001%
57	9.073	1172	1176	1178	rBV3	974	1515	0.11%	0.009%
58	9.274	1200	1209	1218	rBV	334032	668959	47.68%	3.910%
59	9.390	1226	1228	1230	rVB3	220	155	0.01%	0.001%
60	9.409	1230	1231	1233	rVB2	395	153	0.01%	0.001%
61	9.427	1233	1234	1236	rVB2	301	152	0.01%	0.001%
62	9.451	1236	1238	1240	rBV3	513	417	0.03%	0.002%
63	9.512	1244	1248	1250	rBV3	531	713	0.05%	0.004%
64	9.591	1259	1261	1262	rBV2	316	180	0.01%	0.001%
65	9.652	1268	1271	1277	rVB6	818	1720	0.12%	0.010%
66	9.744	1285	1286	1289	rBV3	475	482	0.03%	0.003%
67	9.811	1294	1297	1298	rBV4	442	352	0.03%	0.002%
68	10.036	1326	1334	1343	rBV	197075	353876	25.22%	2.069%
69	10.323	1373	1381	1388	rBV	687980	1219414	86.91%	7.128%
70	10.390	1388	1392	1398	rVB	10283	18152	1.29%	0.106%
71	10.579	1416	1423	1433	rBV	128590	216577	15.44%	1.266%
72	10.707	1440	1444	1449	rVB2	3967	6374	0.45%	0.037%
73	10.927	1473	1480	1488	rBV	174040	301690	21.50%	1.764%
74	11.634	1589	1596	1605	rVB	537151	940724	67.05%	5.499%
75	12.414	1719	1724	1750	rVB2	49969	240107	17.11%	1.404%
76	12.695	1764	1770	1776	rVB	239320	388865	27.71%	2.273%

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 Title : SFAM01.0

77	12.890	1787	1802	1824	rVB3	171732	1196985	85.31%	6.997%
78	13.322	1858	1873	1884	rBV2	259789	1191973	84.95%	6.968%
79	13.457	1886	1895	1906	rVV2	156184	654074	46.62%	3.823%
80	13.554	1906	1911	1918	rVB	554235	895495	63.82%	5.235%
81	13.853	1953	1960	1967	rBV	602769	1069813	76.25%	6.254%
82	13.957	1970	1977	1988	rVV2	121353	463958	33.07%	2.712%
83	14.066	1992	1995	2008	rVB2	44720	113057	8.06%	0.661%
84	14.310	2026	2035	2044	rBV	67156	192990	13.75%	1.128%
85	14.456	2056	2059	2062	rVB	18191	21339	1.52%	0.125%
86	14.499	2063	2066	2068	rBV4	11420	16107	1.15%	0.094%
87	14.767	2102	2110	2119	rBV5	62967	211692	15.09%	1.237%
88	15.072	2149	2160	2170	rBV2	181225	671088	47.83%	3.923%
89	15.249	2184	2189	2196	rVB2	38774	105551	7.52%	0.617%
90	15.322	2197	2201	2210	rVV4	37470	73916	5.27%	0.432%
91	15.487	2211	2228	2240	rVB3	145525	581911	41.47%	3.402%
92	15.627	2241	2251	2263	rBV4	116667	424824	30.28%	2.483%
93	15.822	2279	2283	2293	rVB6	19215	52824	3.76%	0.309%
94	15.944	2294	2303	2321	rVB4	67592	293958	20.95%	1.718%
95	16.121	2323	2332	2343	rBV2	56628	205502	14.65%	1.201%
96	16.212	2344	2347	2353	rVB5	18310	34462	2.46%	0.201%
97	16.279	2354	2358	2363	rBV	21989	37143	2.65%	0.217%
98	16.365	2364	2372	2377	rVV8	23585	81486	5.81%	0.476%
99	16.438	2377	2384	2396	rVB2	116577	328832	23.44%	1.922%
100	16.639	2410	2417	2429	rVB	60386	177112	12.62%	1.035%

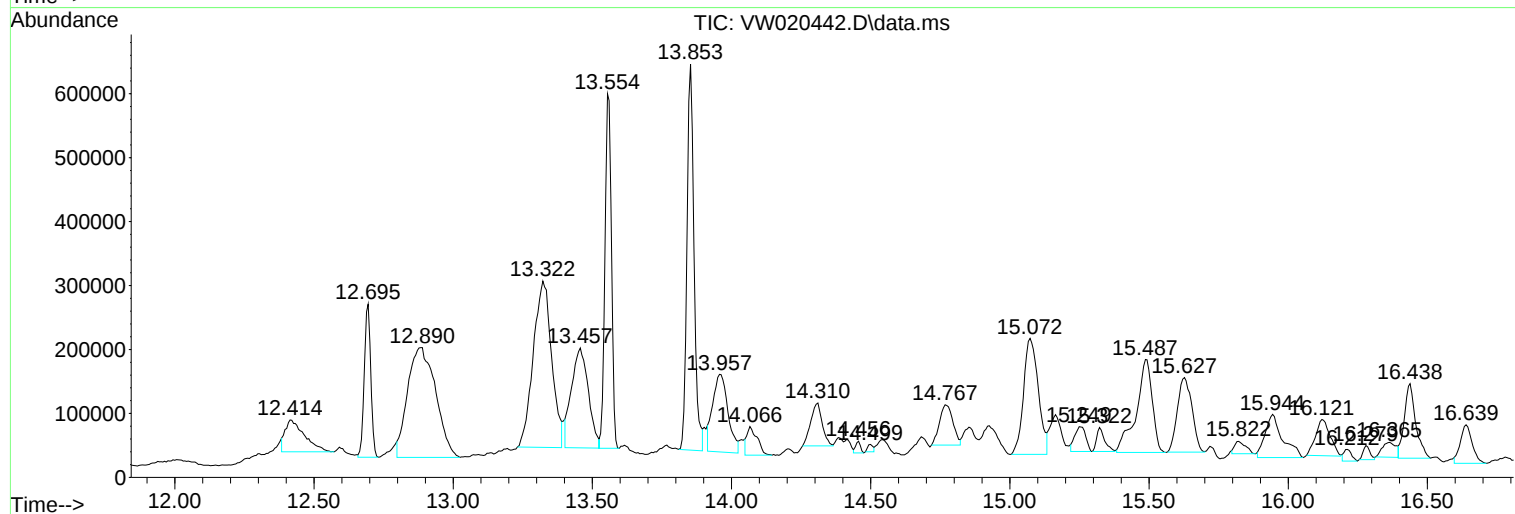
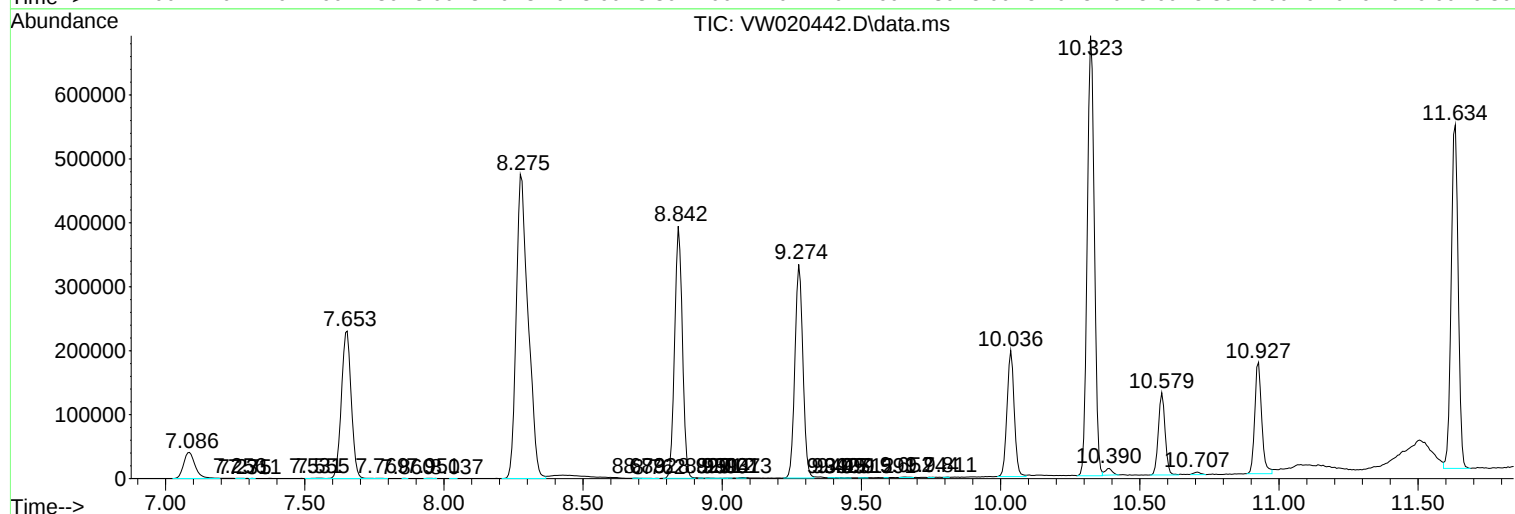
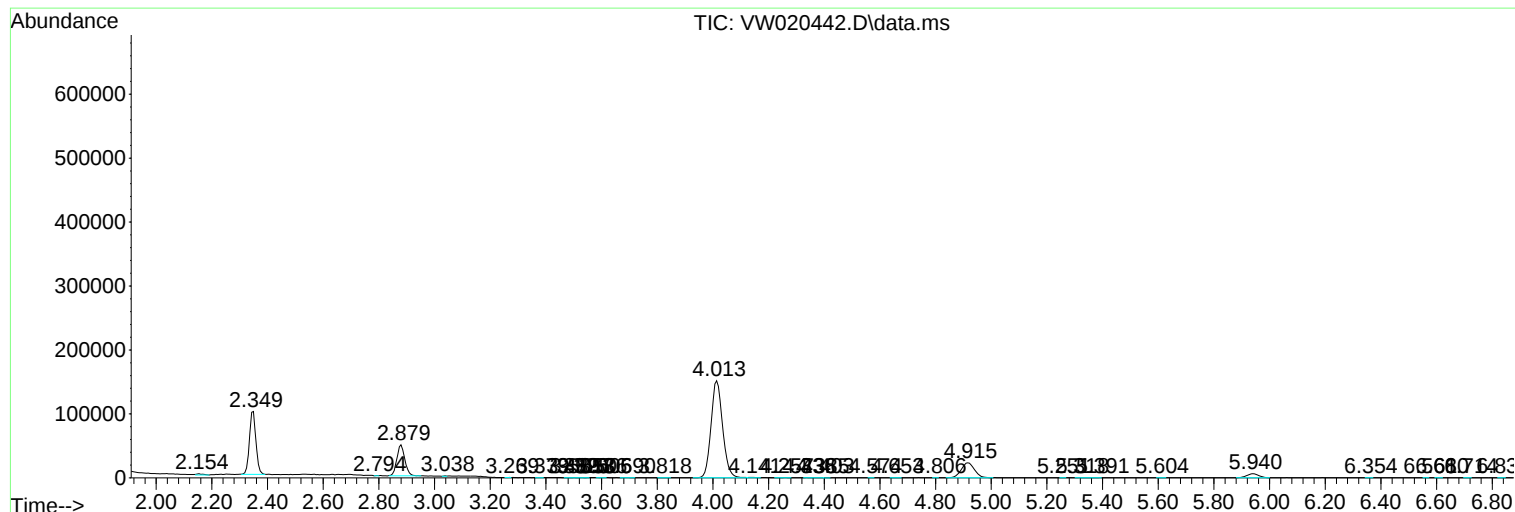
Sum of corrected areas: 17106750

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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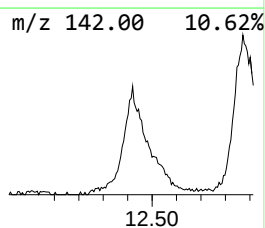
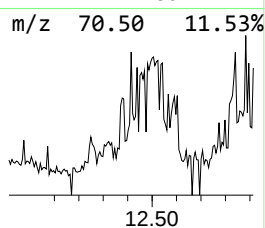
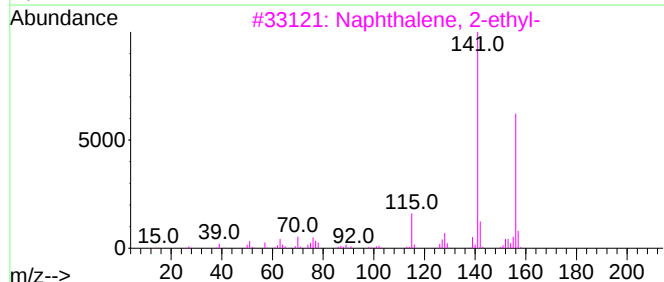
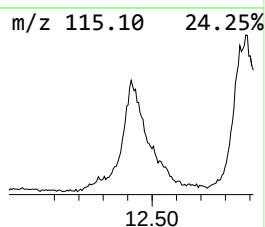
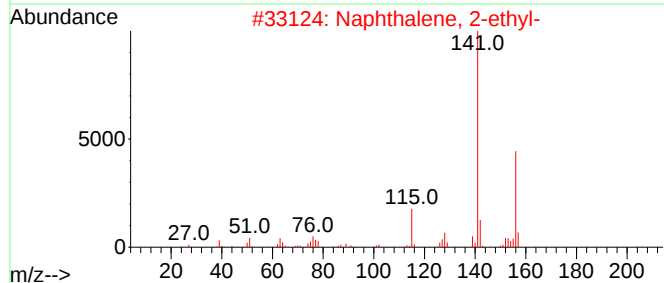
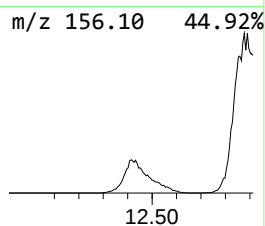
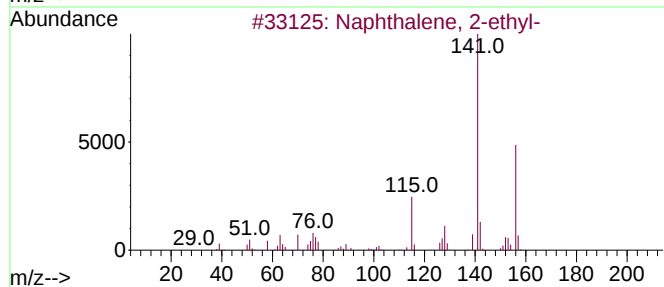
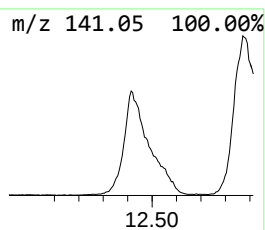
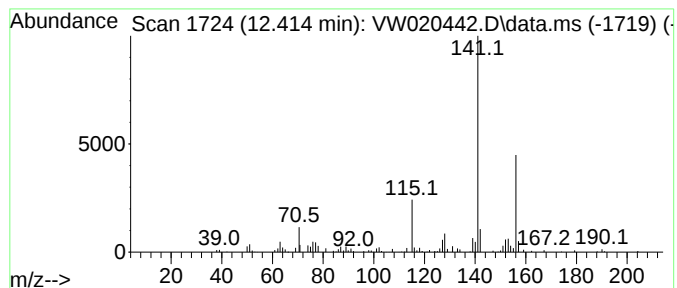
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.414	6.38 ug/L	240107	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87



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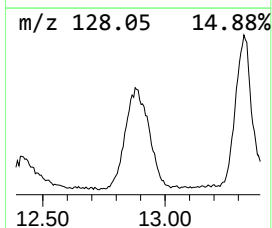
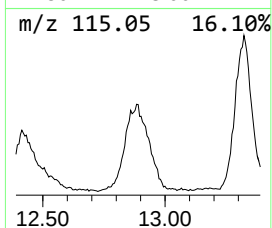
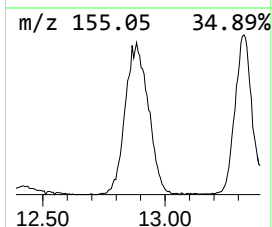
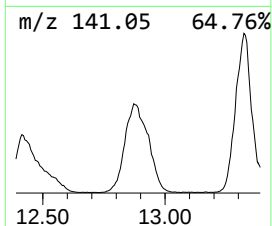
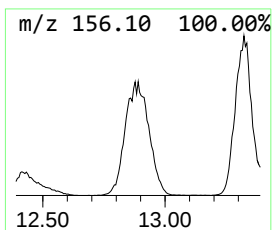
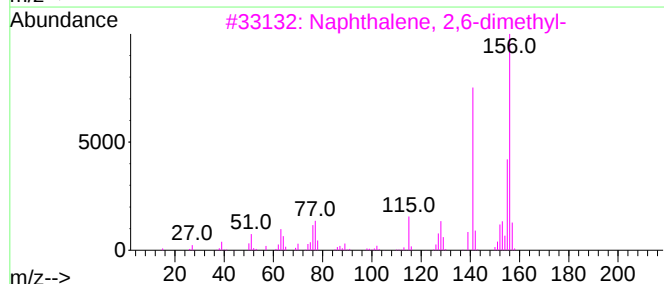
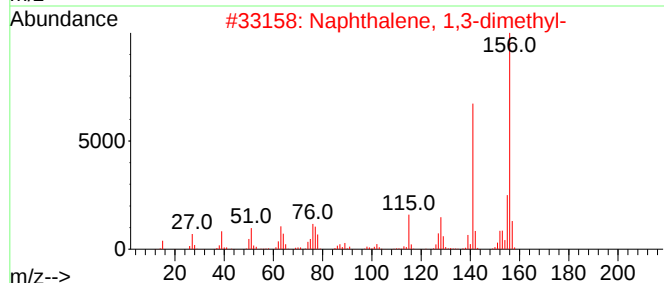
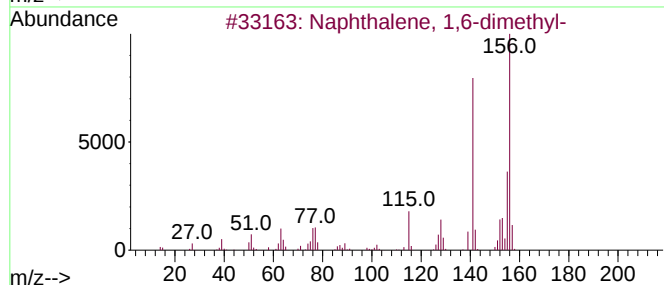
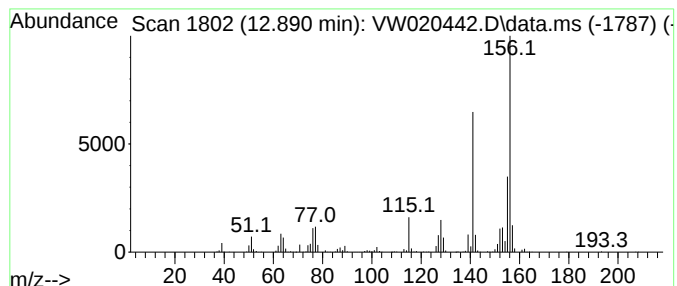
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	33.42 ug/L	1196990	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98



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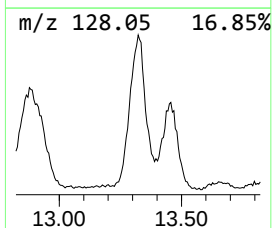
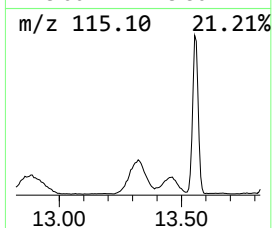
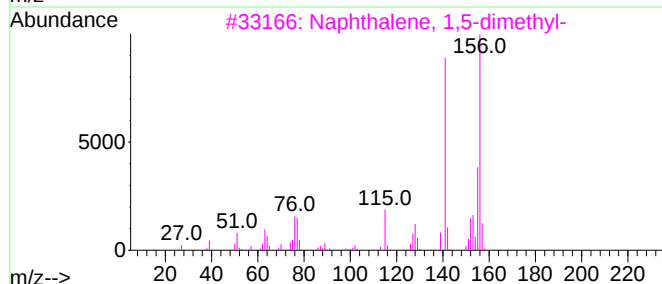
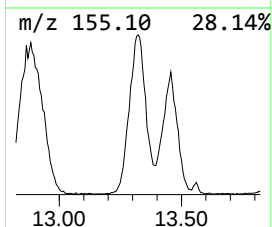
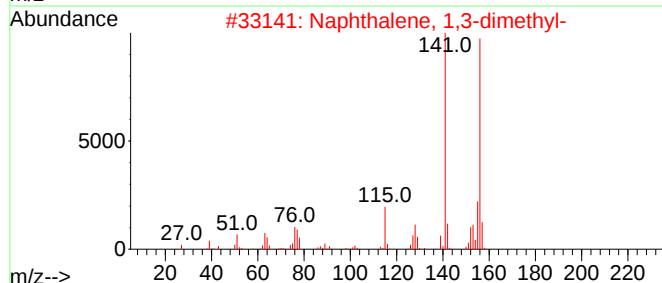
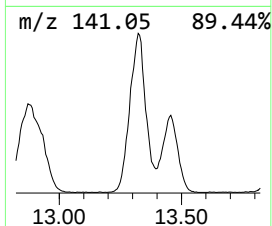
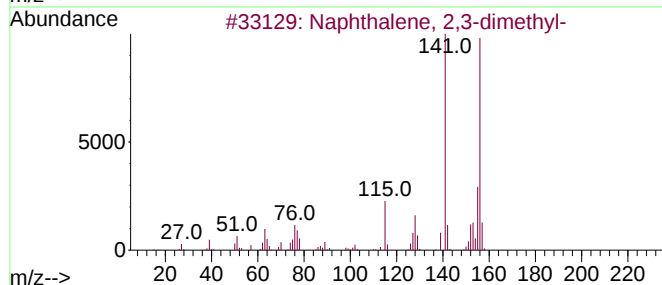
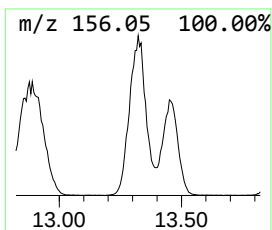
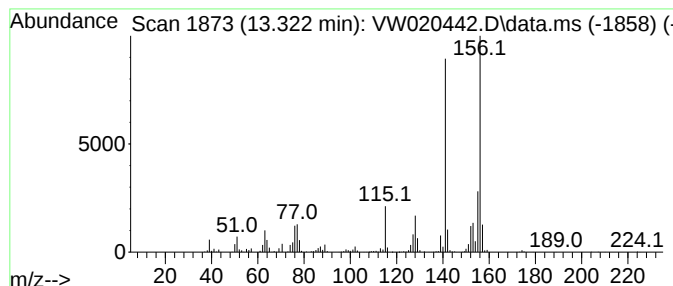
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	33.28 ug/L	1191970	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

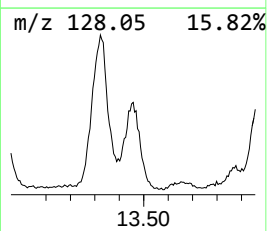
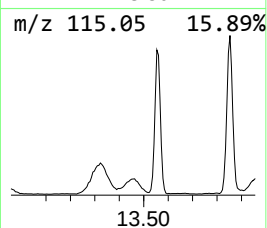
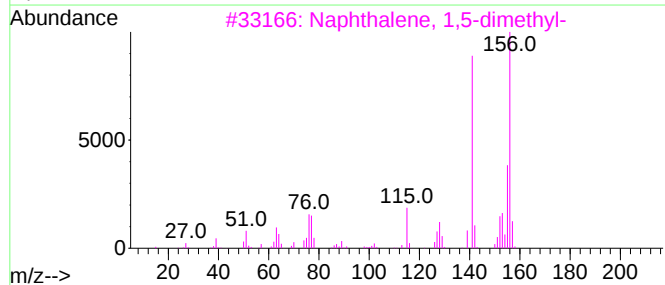
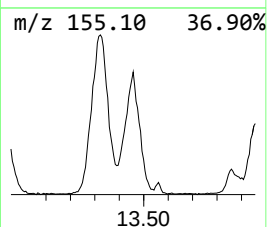
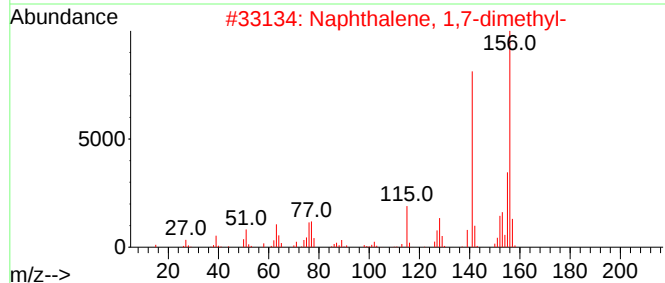
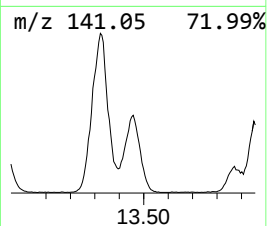
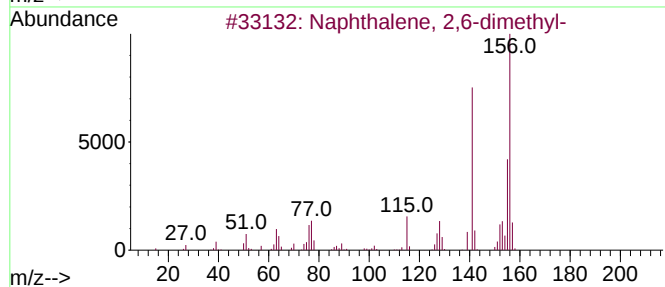
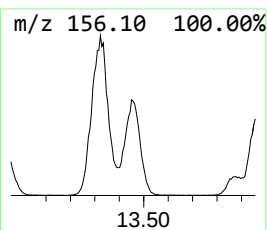
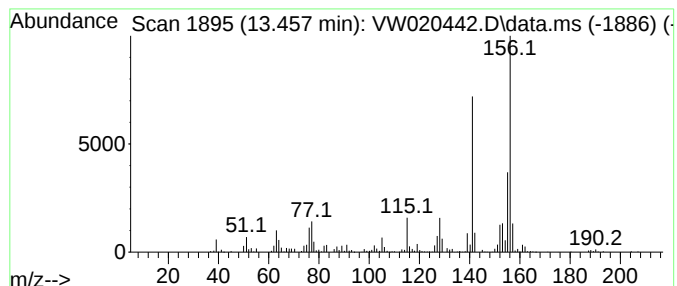
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	18.26 ug/L	654074	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

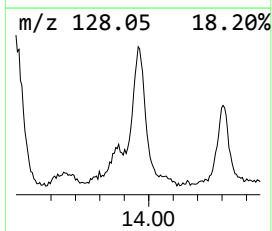
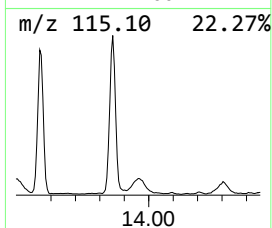
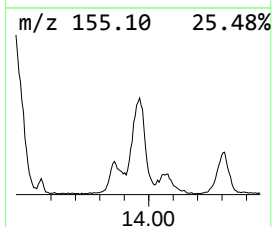
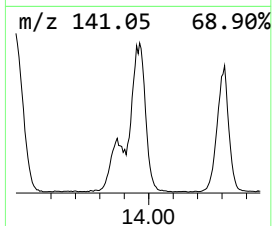
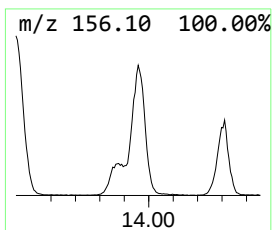
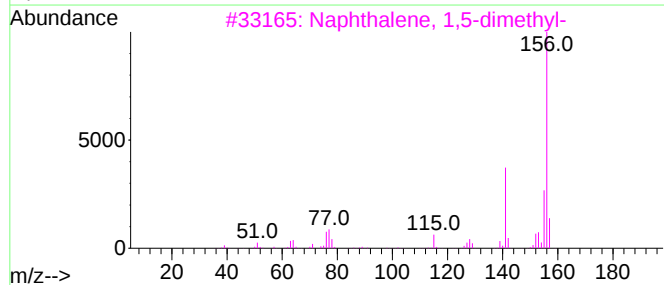
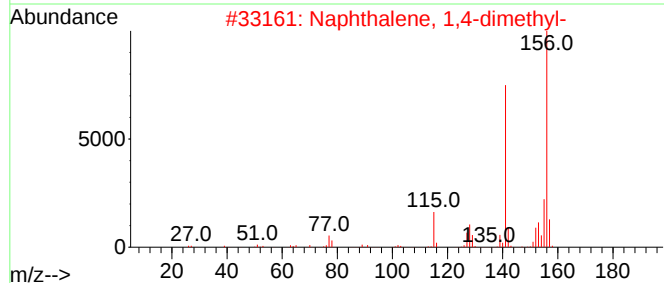
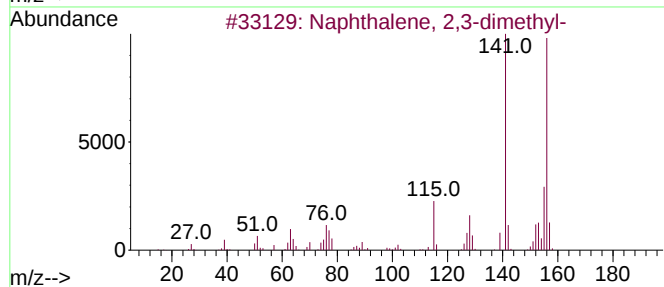
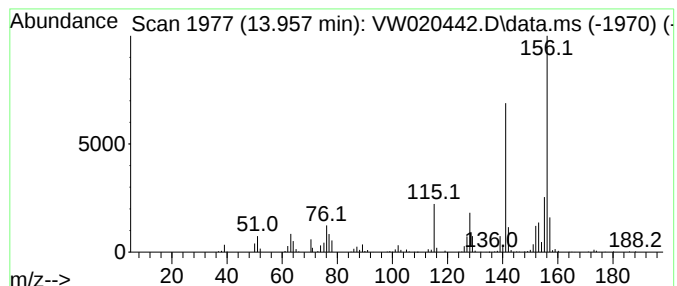
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Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	12.95 ug/L	463958	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

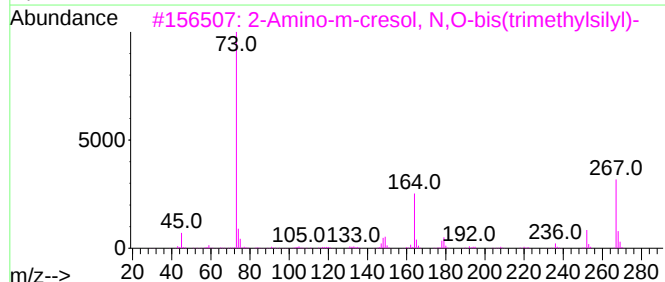
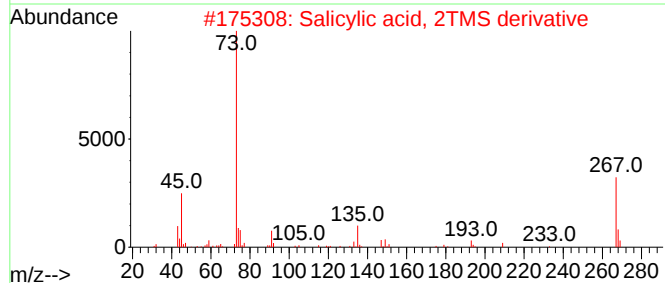
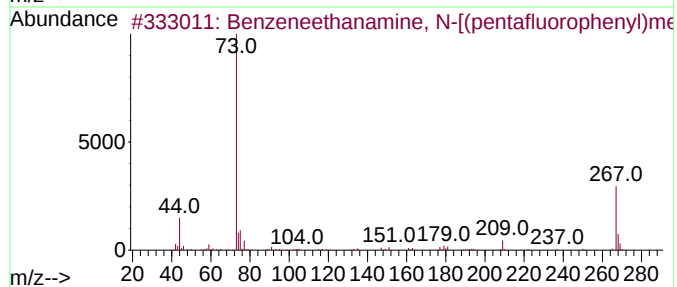
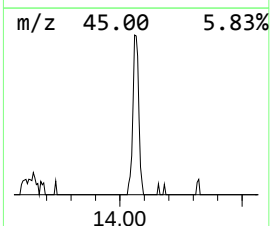
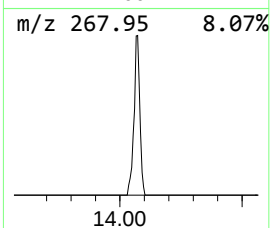
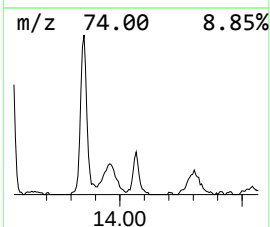
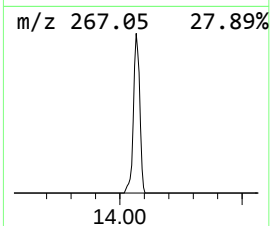
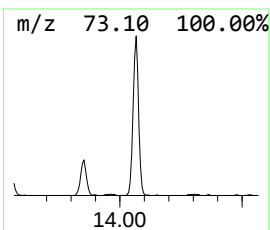
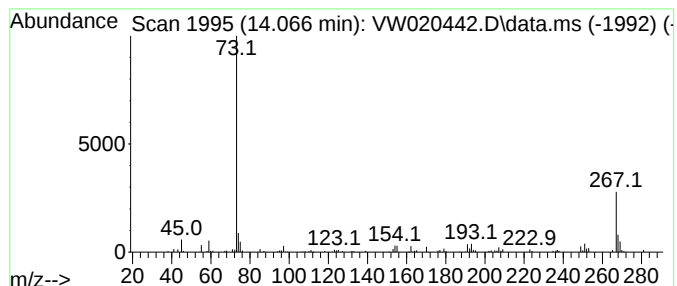
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Quant Title : SFAM01.0

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

Peak Number 8 Benzeneethanamine, N-[(pent... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	3.16 ug/L	113057	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanamine, N-[(pentafluoro...	475	C21H26F5NO2Si2	055429-85-1	59
2			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	59
3			2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	53
4			Benzeneethanamine, N-methyl-.bet...	311	C15H29NO2Si2	029522-18-7	50
5			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

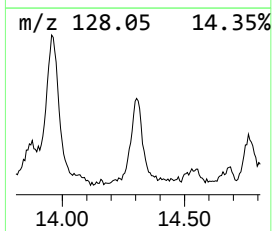
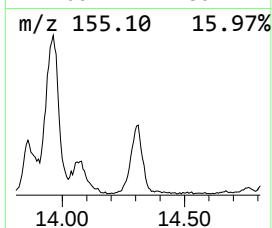
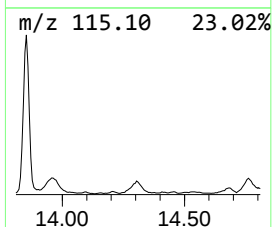
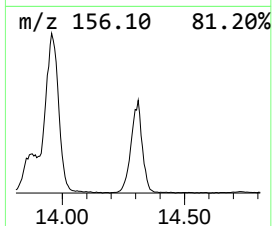
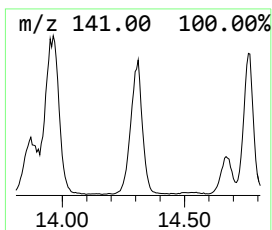
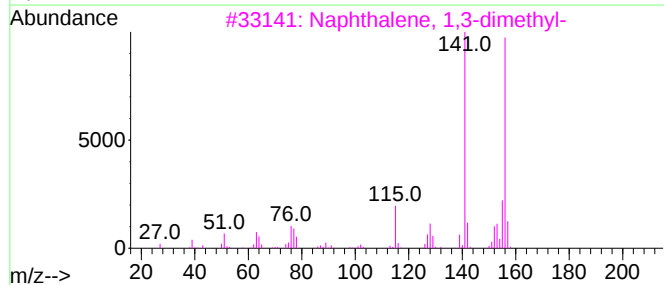
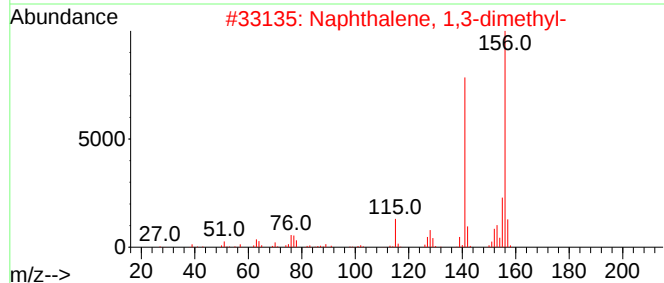
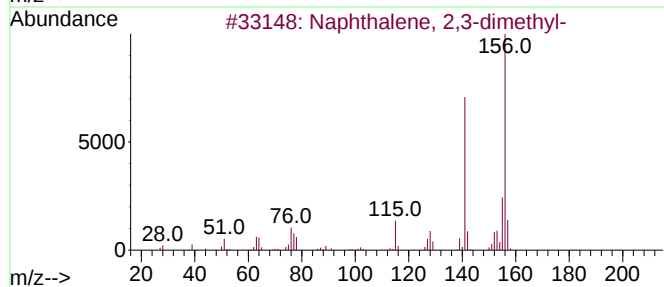
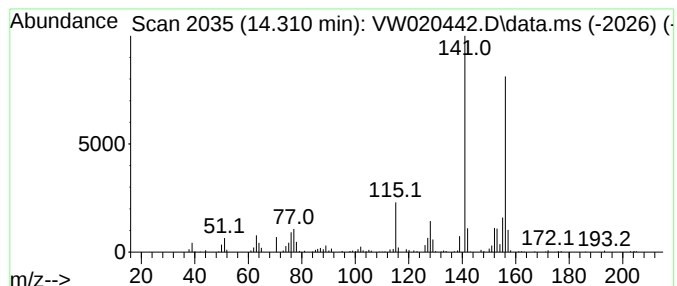
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	5.39 ug/L	192990	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

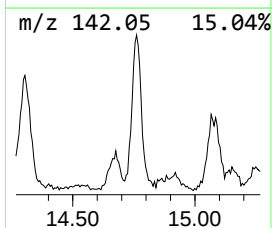
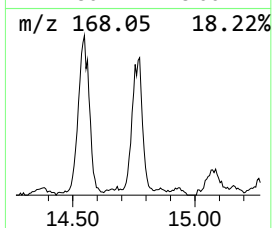
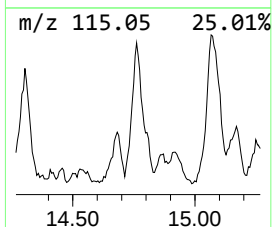
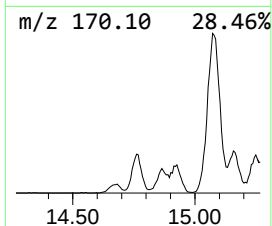
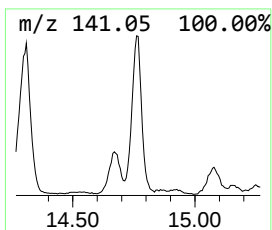
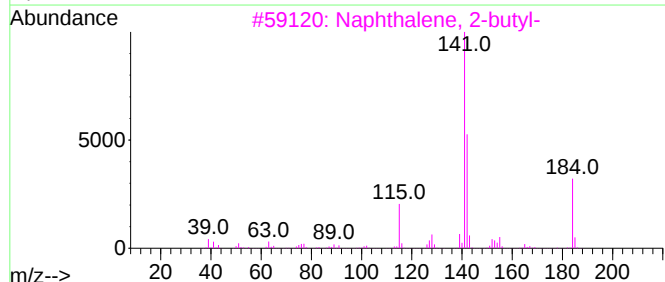
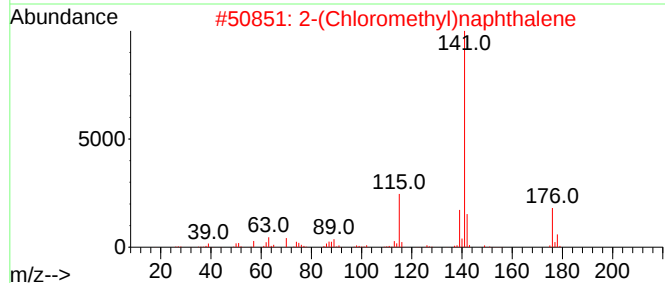
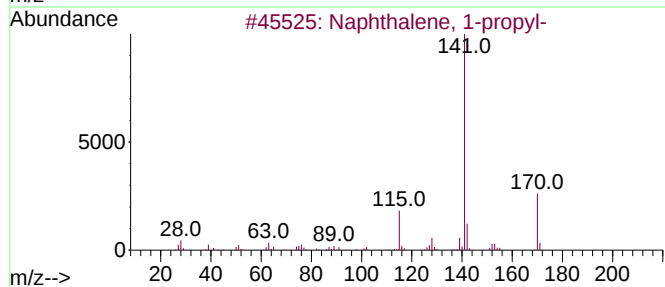
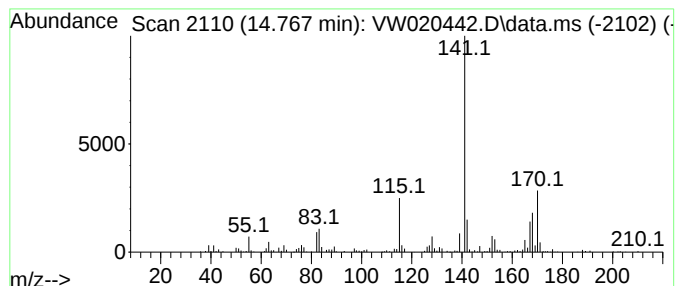
Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

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Quant Title : SFAM01.0

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

Peak Number 10 Naphthalene, 1-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.767	5.91 ug/L	211692	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-		170	C13H14	002765-18-6	81
2	2-(Chloromethyl)naphthalene		176	C11H9Cl	002506-41-4	52
3	Naphthalene, 2-butyl-		184	C14H16	001134-62-9	50
4	Benzaldehyde, 3-methoxy-4-(1-nap...		292	C19H16O3	1000338-37-2	50
5	1-But-3-enylnaphthalene		182	C14H14	002489-88-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

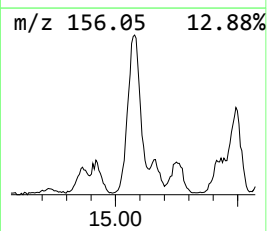
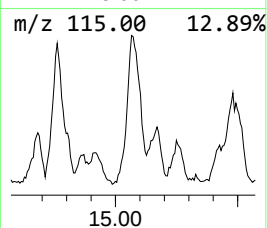
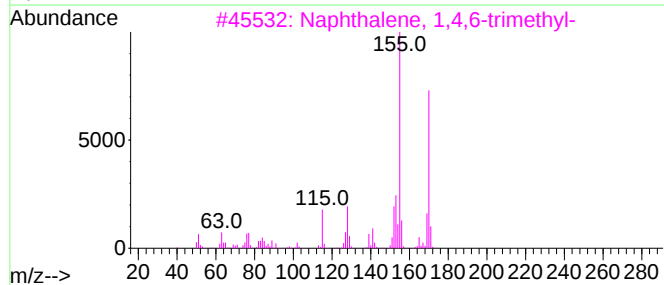
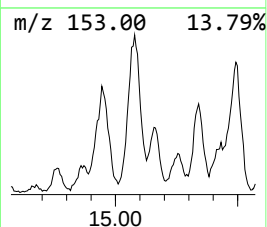
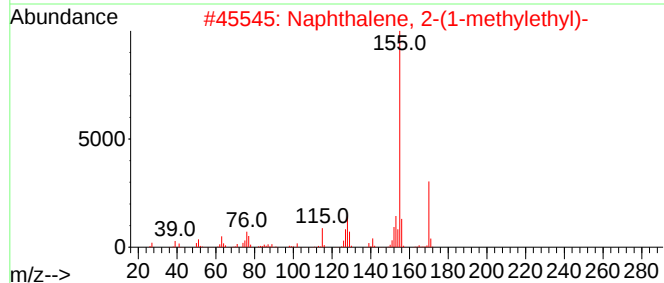
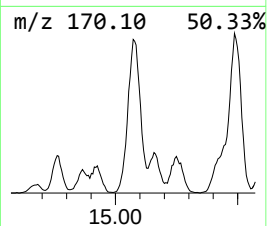
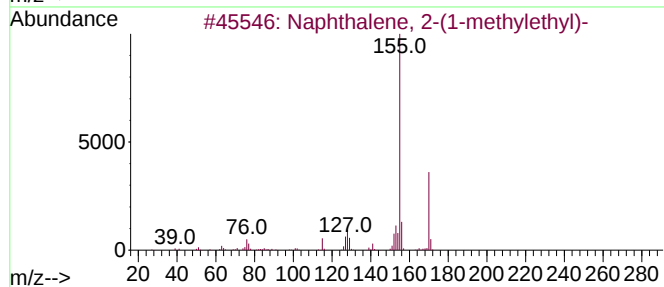
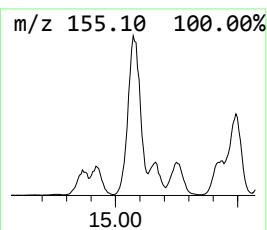
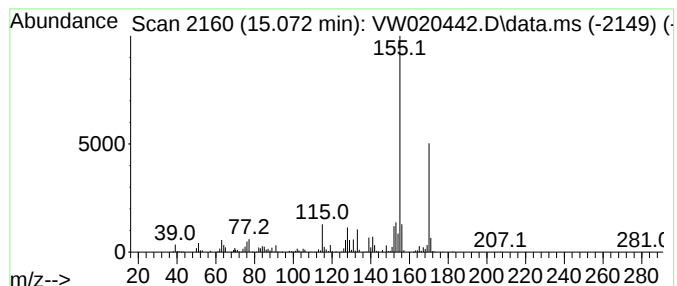
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.072	18.74 ug/L	671088	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

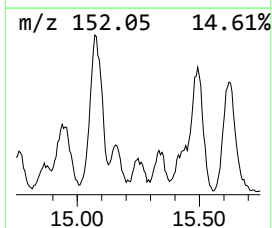
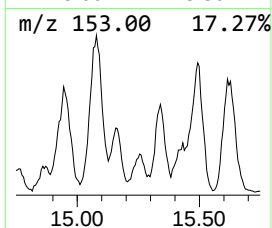
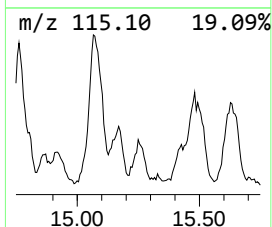
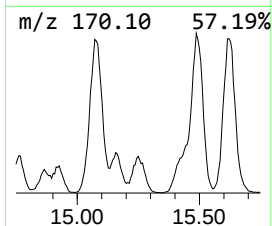
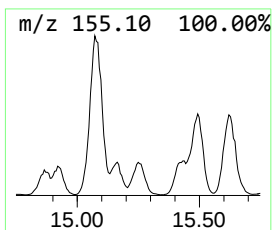
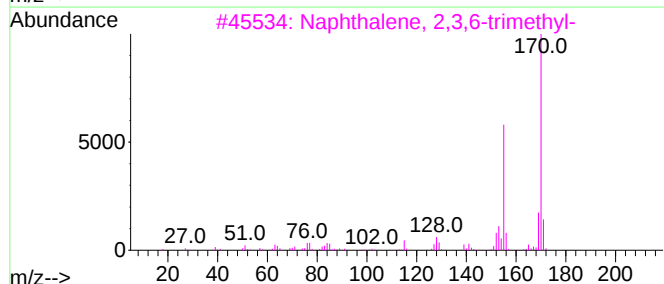
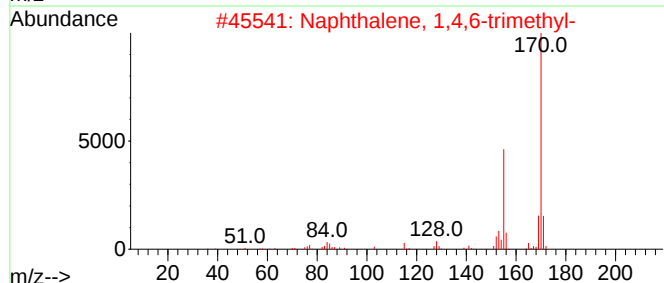
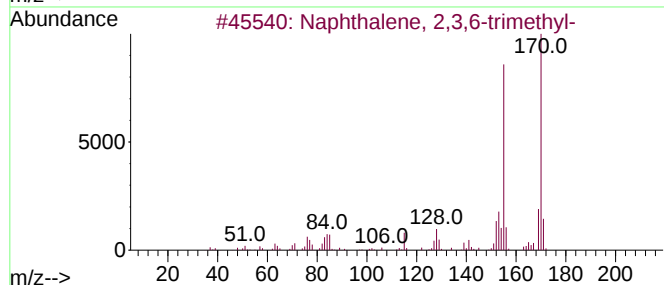
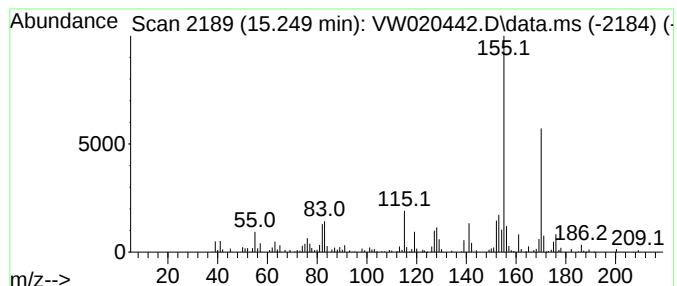
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	2.95 ug/L	105551	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

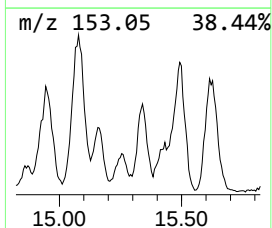
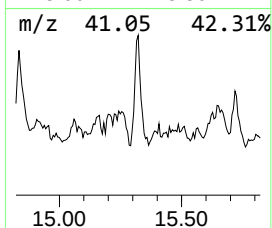
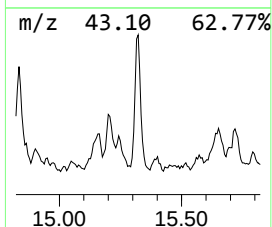
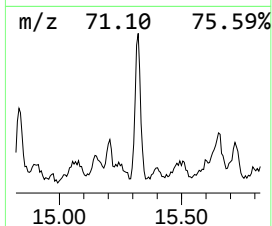
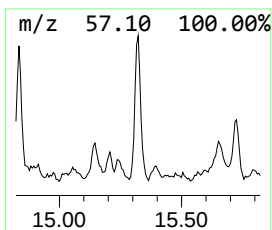
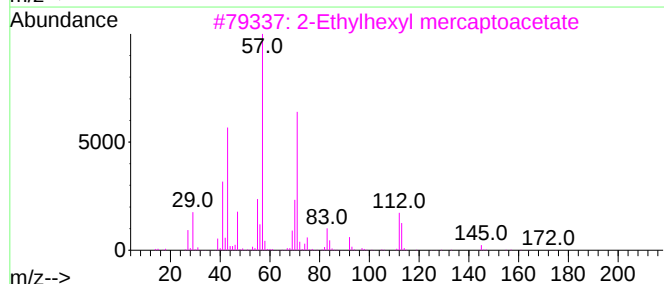
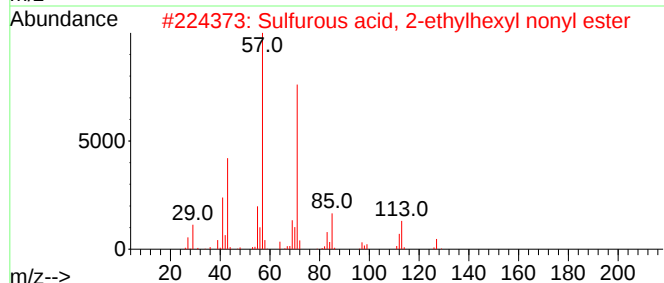
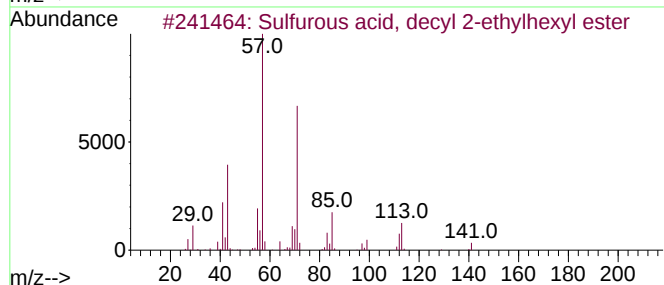
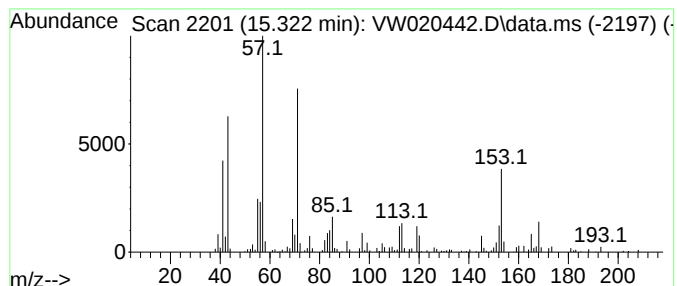
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Quant Title : SFAM01.0

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

Peak Number 13 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	2.06 ug/L	73916	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	49
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	49
3			2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	47
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	47
5			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

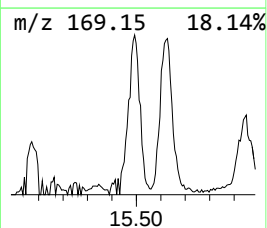
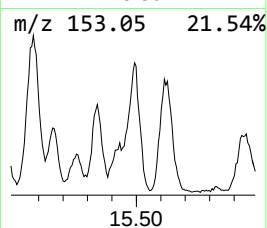
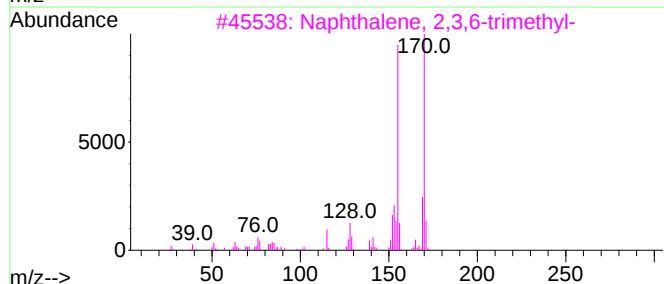
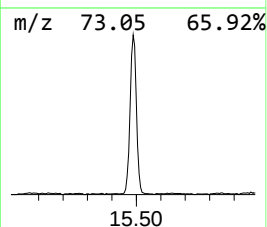
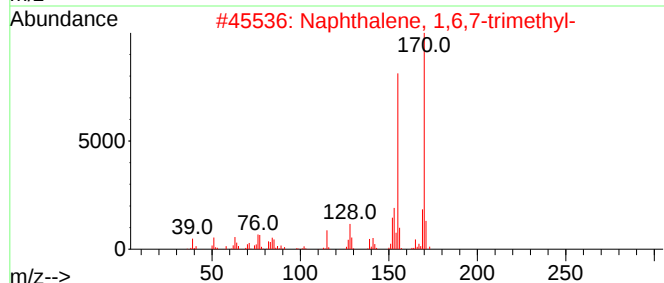
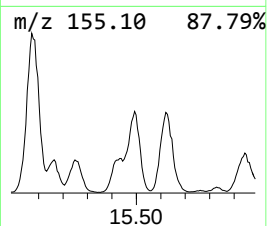
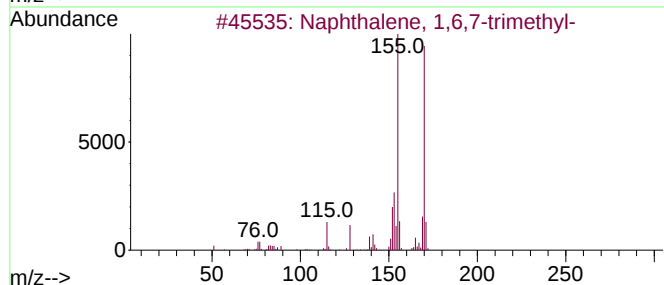
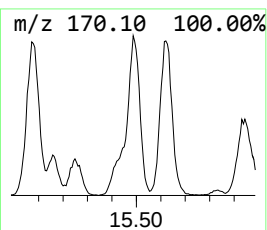
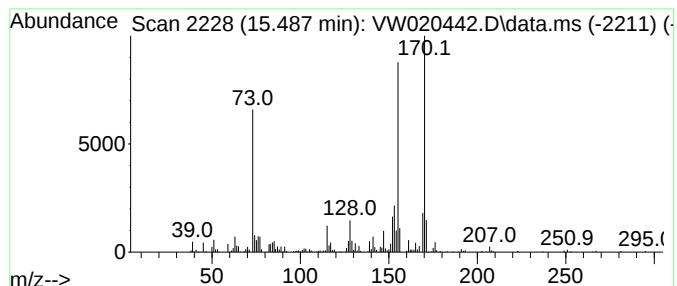
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Quant Title : SFAM01.0

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.487	16.25 ug/L	581911	1,4-Dichlorobenzene-d4	13.560

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

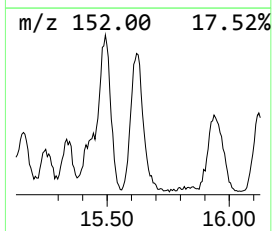
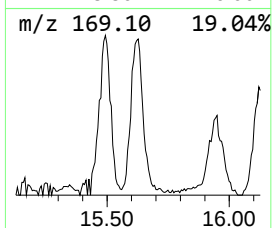
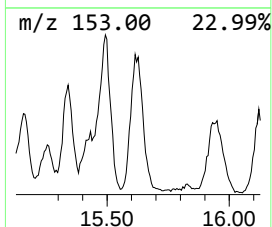
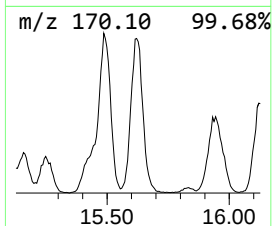
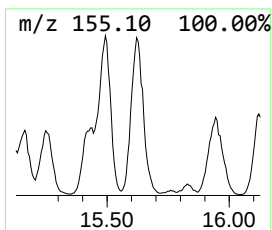
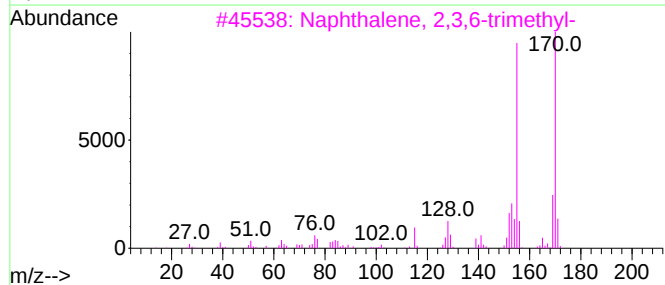
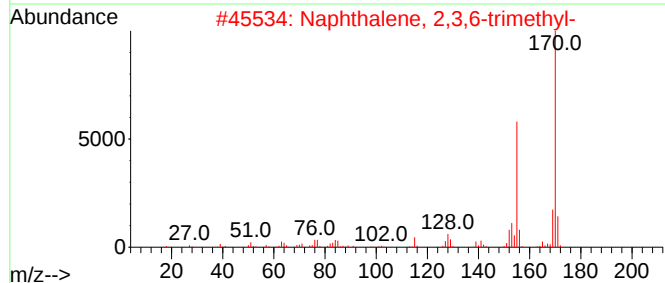
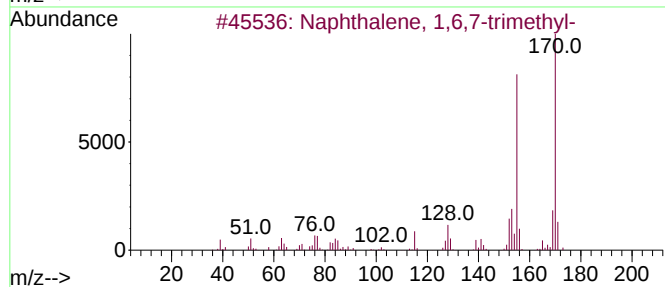
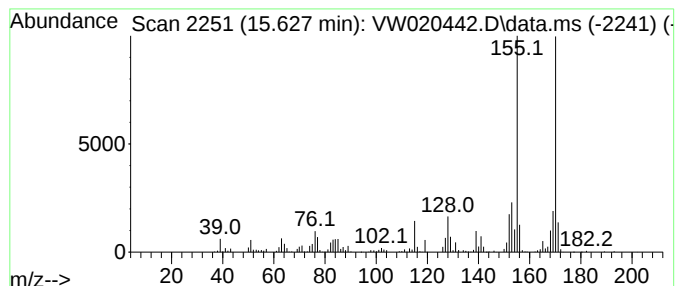
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Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	11.86 ug/L	424824	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

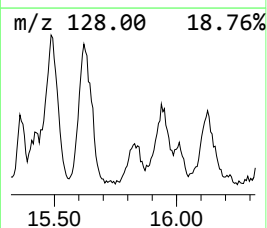
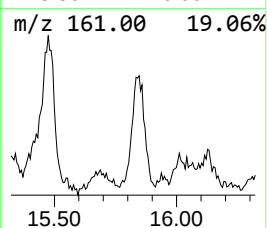
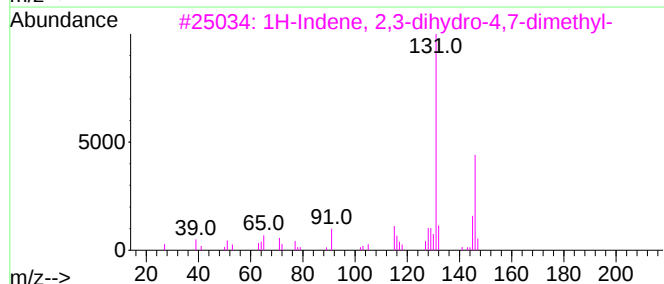
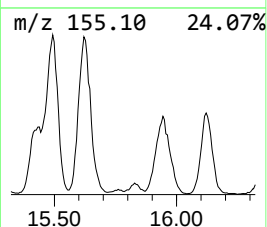
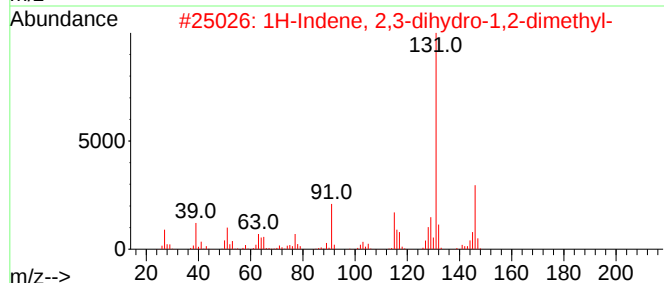
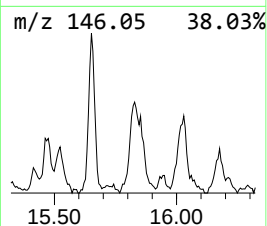
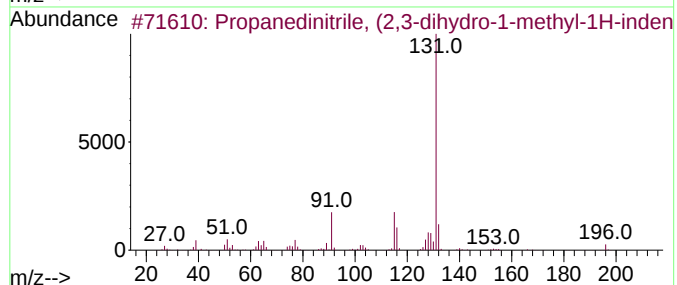
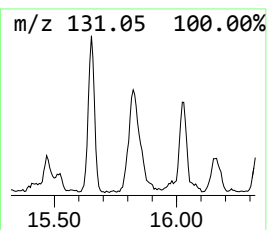
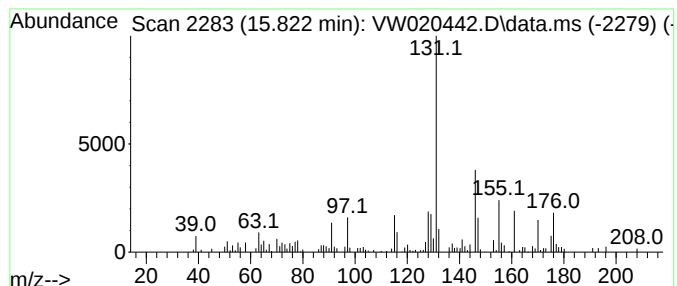
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Quant Title : SFAM01.0

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

Peak Number 16 Propanedinitrile, (2,3-dihy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	1.47 ug/L	52824	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	86
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

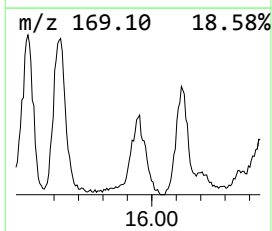
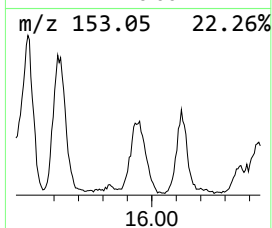
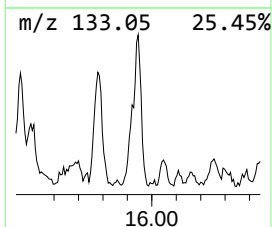
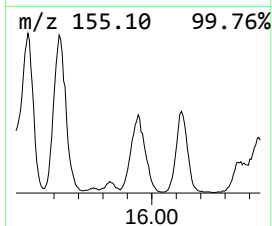
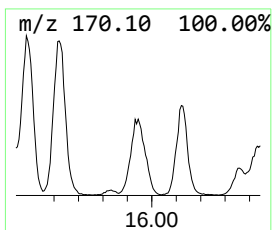
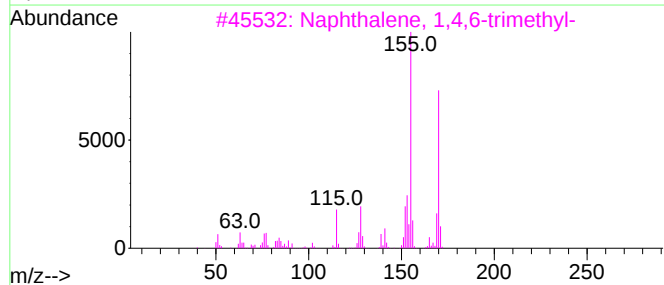
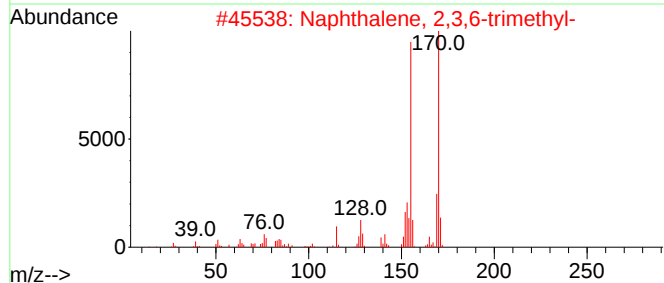
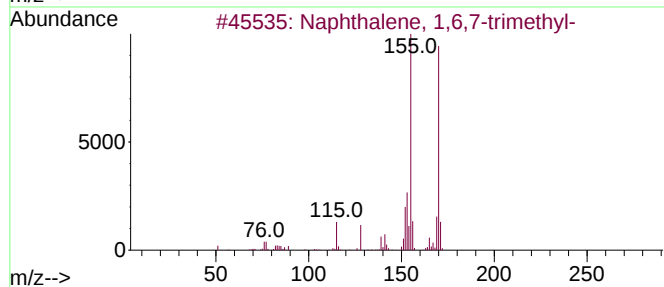
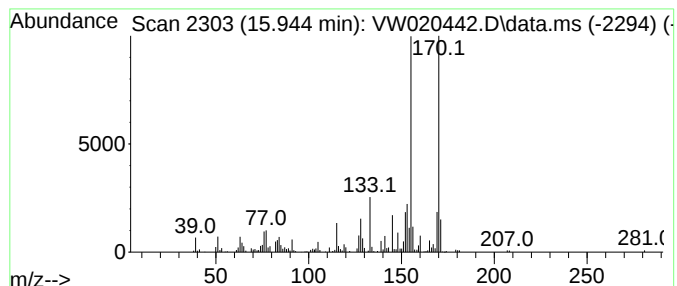
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Quant Title : SFAM01.0

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

Peak Number 17 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	8.21 ug/L	293958	1,4-Dichlorobenzene-d4	13.560

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

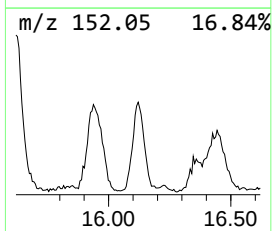
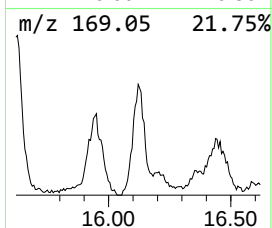
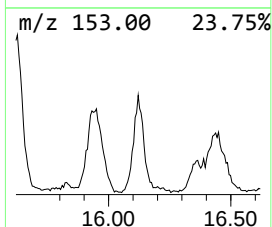
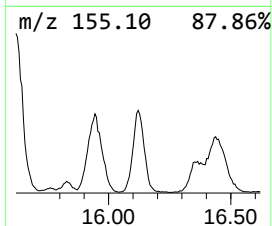
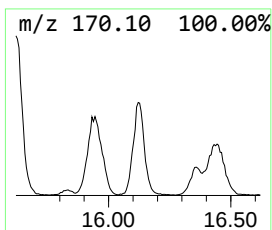
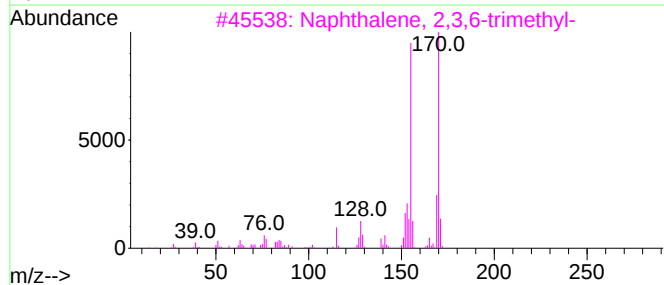
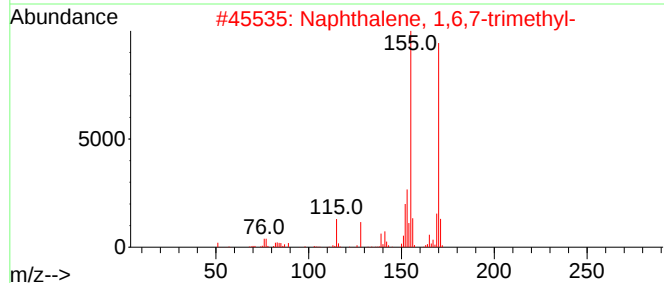
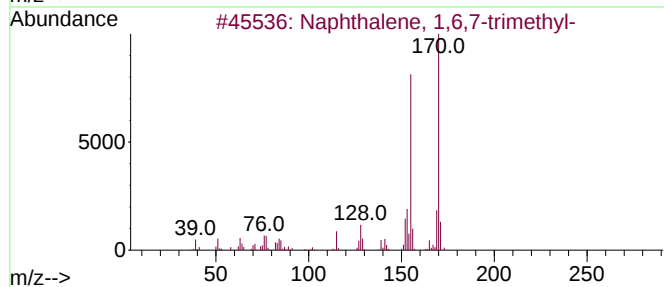
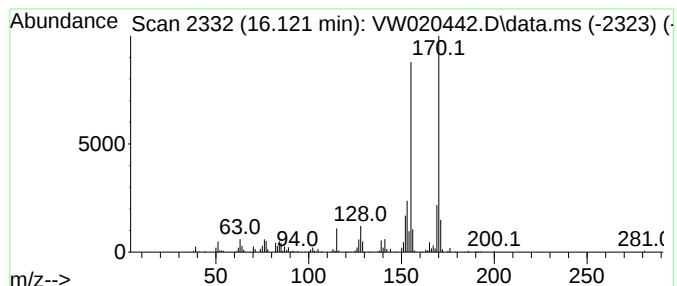
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.121	5.74 ug/L	205502	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

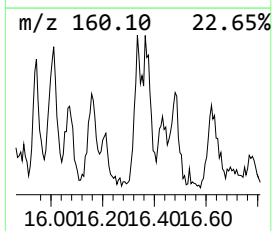
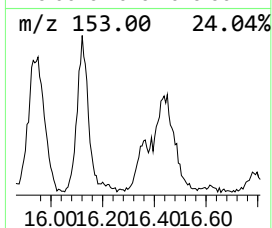
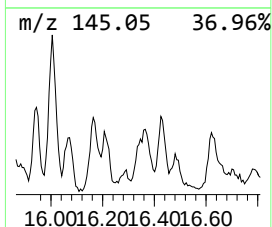
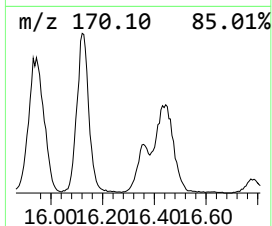
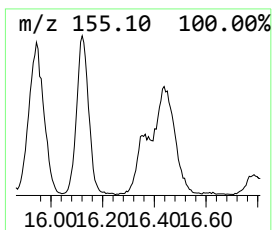
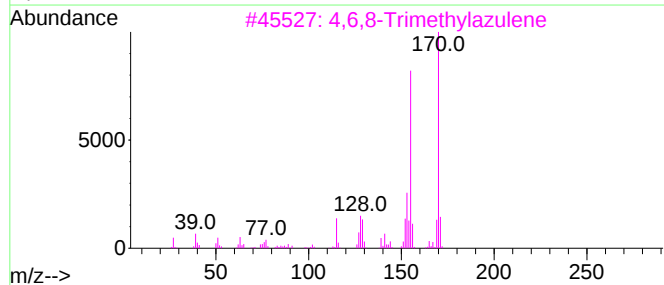
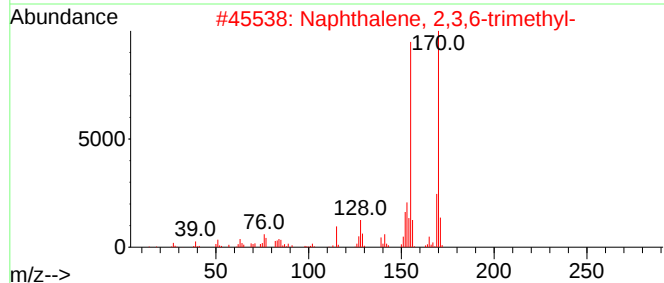
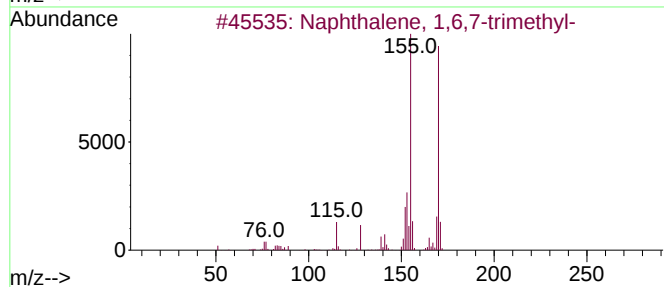
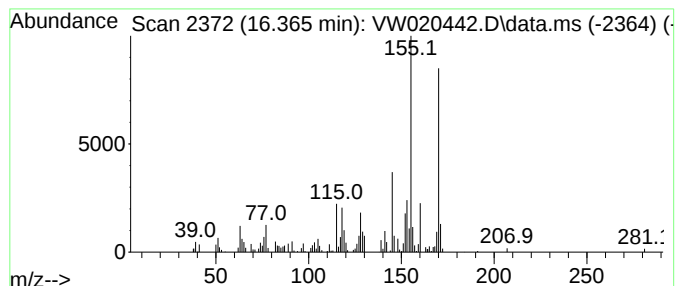
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Quant Title : SFAM01.0

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

Peak Number 19 4,6,8-Trimethylazulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.365	2.27 ug/L	81486	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

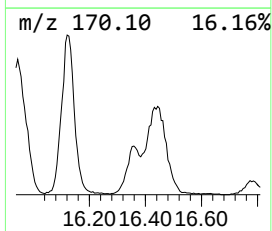
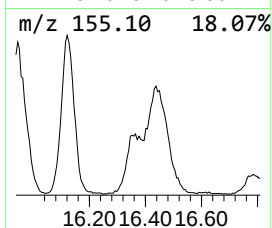
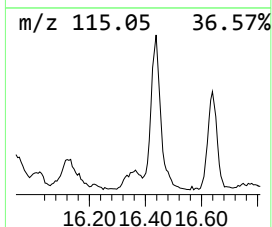
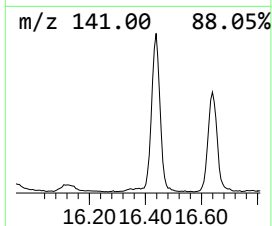
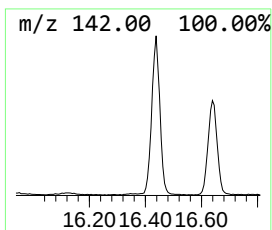
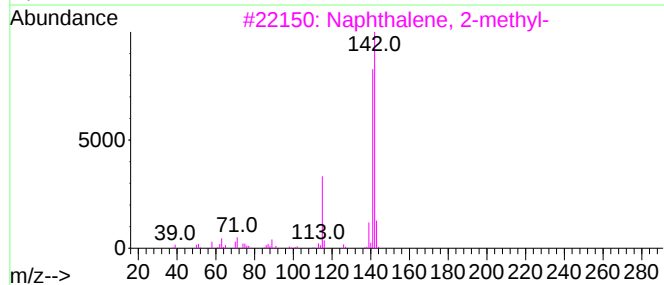
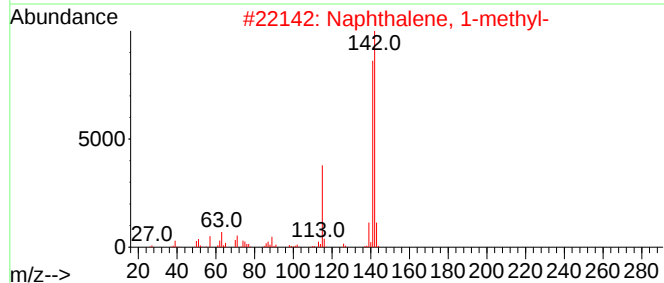
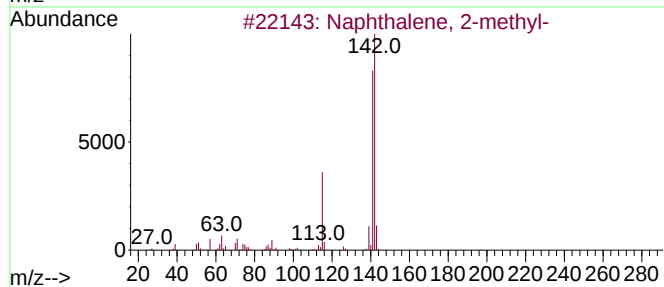
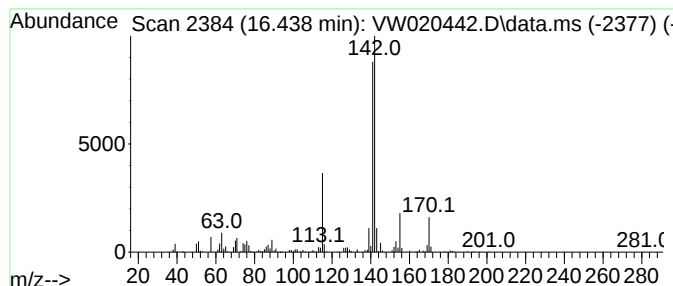
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Quant Title : SFAM01.0

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

Peak Number 20 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	9.18 ug/L	328832	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020442.D
Acq On : 11 Oct 2021 14:16
Operator : SY/VA
Sample : VIBLK471
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK471

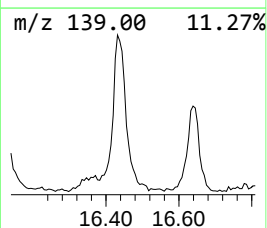
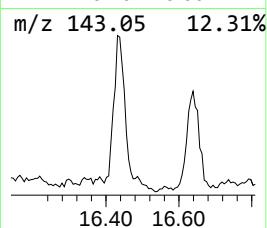
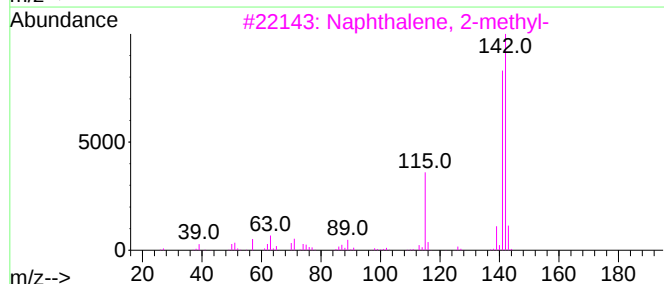
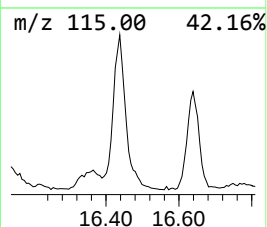
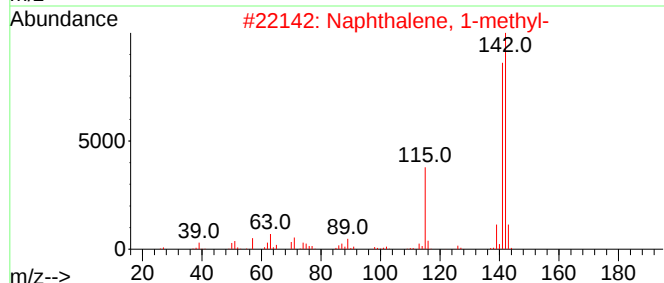
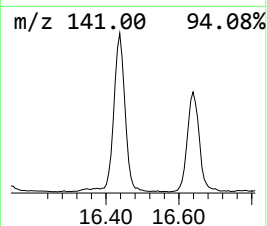
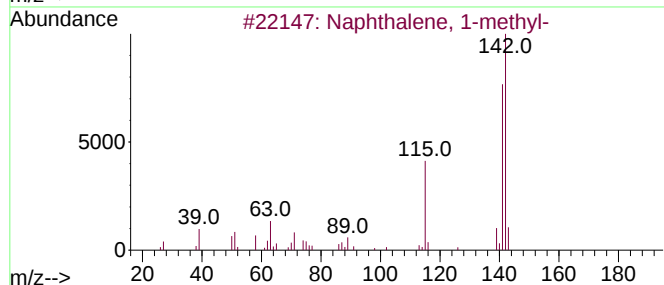
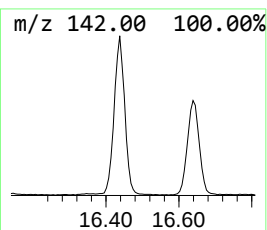
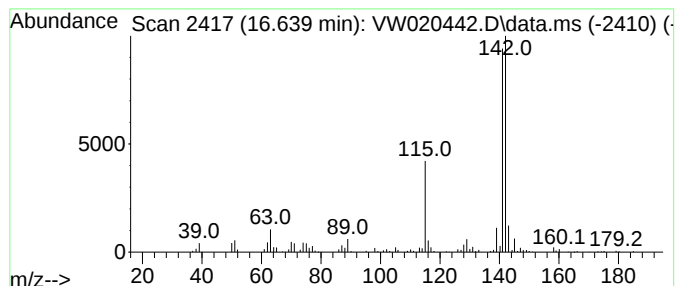
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Quant Title : SFAM01.0

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

Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	4.94 ug/L	177112	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020442.D
 Acq On : 11 Oct 2021 14:16
 Operator : SY/VA
 Sample : VIBLK471
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK471

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.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-...	12.414	6.4	ug/L	240107	2	11.634	940724	25.0
Naphthalene, 1,...	12.890	33.4	ug/L	1196990	3	13.560	895495	25.0
Naphthalene, 2,...	13.323	33.3	ug/L	1191970	3	13.560	895495	25.0
Naphthalene, 2,...	13.457	18.3	ug/L	654074	3	13.560	895495	25.0
Naphthalene, 1,...	13.957	12.9	ug/L	463958	3	13.560	895495	25.0
Benzeneethanami...	14.066	3.2	ug/L	113057	3	13.560	895495	25.0
Naphthalene, 1,...	14.310	5.4	ug/L	192990	3	13.560	895495	25.0
Naphthalene, 1-...	14.767	5.9	ug/L	211692	3	13.560	895495	25.0
Naphthalene, 2-...	15.072	18.7	ug/L	671088	3	13.560	895495	25.0
Naphthalene, 2,...	15.249	3.0	ug/L	105551	3	13.560	895495	25.0
unknown-01	15.322	2.1	ug/L	73916	3	13.560	895495	25.0
Naphthalene, 1,...	15.487	16.3	ug/L	581911	3	13.560	895495	25.0
Naphthalene, 1,...	15.627	11.9	ug/L	424824	3	13.560	895495	25.0
Propanedinitril...	15.822	1.5	ug/L	52824	3	13.560	895495	25.0
unknown-02	15.944	8.2	ug/L	293958	3	13.560	895495	25.0
unknown-03	16.121	5.7	ug/L	205502	3	13.560	895495	25.0
4,6,8-Trimethyl...	16.365	2.3	ug/L	81486	3	13.560	895495	25.0
Naphthalene, 2-...	16.438	9.2	ug/L	328832	3	13.560	895495	25.0
Naphthalene, 1-...	16.639	4.9	ug/L	177112	3	13.560	895495	25.0