

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
 Data File : VW029875.D
 Acq On : 09 Aug 2024 15:31
 Operator : SY/MD
 Sample : P3481-18
 Misc : 5.39g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AF3

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	43	47	51	rBV	4123	5878	0.53%	0.052%
2	2.363	71	78	95	rBV	63173	158875	14.29%	1.418%
3	2.893	158	165	181	rVB	48382	142262	12.80%	1.270%
4	3.265	224	226	227	rBV2	592	438	0.04%	0.004%
5	3.289	228	230	231	rBV2	581	393	0.04%	0.004%
6	3.387	239	246	255	rBV3	5558	12772	1.15%	0.114%
7	3.588	273	279	281	rBV3	1021	1878	0.17%	0.017%
8	3.728	298	302	307	rBV6	537	1281	0.12%	0.011%
9	3.789	311	312	314	rBV2	361	351	0.03%	0.003%
10	3.820	314	317	318	rBV3	425	349	0.03%	0.003%
11	3.856	318	323	329	rVB4	1273	2510	0.23%	0.022%
12	4.021	338	350	362	rBV	112742	360958	32.47%	3.222%
13	4.125	363	367	385	rVB	17042	52480	4.72%	0.468%
14	4.381	407	409	413	rVB3	489	650	0.06%	0.006%
15	4.564	437	439	443	rVB4	389	510	0.05%	0.005%
16	4.631	448	450	452	rBV2	466	344	0.03%	0.003%
17	4.771	470	473	474	rBV2	473	409	0.04%	0.004%
18	4.923	485	498	515	rBV4	11519	53102	4.78%	0.474%
19	5.094	524	526	527	rVB2	697	490	0.04%	0.004%
20	5.118	527	530	532	rBV	635	696	0.06%	0.006%
21	5.179	537	540	541	rBV3	416	359	0.03%	0.003%
22	5.240	548	550	555	rVB5	534	791	0.07%	0.007%
23	5.423	575	580	581	rVV3	452	684	0.06%	0.006%
24	5.441	581	583	587	rVB4	795	1036	0.09%	0.009%
25	5.576	603	605	607	rBV2	558	482	0.04%	0.004%
26	5.630	612	614	617	rVB2	543	527	0.05%	0.005%
27	5.661	617	619	621	rBV2	318	385	0.03%	0.003%
28	5.765	631	636	637	rBV3	460	523	0.05%	0.005%
29	5.941	654	665	675	rVV6	3831	12899	1.16%	0.115%
30	6.173	700	703	706	rBV3	419	587	0.05%	0.005%
31	6.252	714	716	720	rVB2	286	378	0.03%	0.003%
32	6.301	722	724	727	rVB3	339	377	0.03%	0.003%
33	6.453	747	749	755	rVB3	507	741	0.07%	0.007%
34	6.508	755	758	759	rBV2	330	349	0.03%	0.003%
35	6.691	784	788	790	rVB2	472	619	0.06%	0.006%
36	6.764	797	800	803	rBV2	381	533	0.05%	0.005%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

37	6.825	807	810	813	rBV	320	458	0.04%	0.004%
38	6.856	813	815	818	rBV4	566	771	0.07%	0.007%
39	6.978	831	835	836	rBV2	897	1172	0.11%	0.010%
40	7.081	843	852	860	rBV	25250	71109	6.40%	0.635%
41	7.313	888	890	895	rVB5	371	404	0.04%	0.004%
42	7.539	925	927	930	rBV2	403	630	0.06%	0.006%
43	7.648	933	945	956	rBV	187756	459224	41.31%	4.099%
44	7.758	960	963	965	rBV4	659	681	0.06%	0.006%
45	7.783	965	967	972	rVB4	904	1299	0.12%	0.012%
46	7.850	974	978	979	rBV3	333	384	0.03%	0.003%
47	7.898	984	986	987	rBV2	719	501	0.05%	0.004%
48	7.929	987	991	994	rBV4	560	947	0.09%	0.008%
49	7.996	1000	1002	1004	rBV2	350	421	0.04%	0.004%
50	8.032	1004	1008	1013	rVV5	655	1399	0.13%	0.012%
51	8.124	1021	1023	1024	rBV	766	653	0.06%	0.006%
52	8.148	1024	1027	1035	rVB7	1110	2781	0.25%	0.025%
53	8.276	1035	1048	1065	rBV2	362612	1065627	95.87%	9.511%
54	8.459	1075	1078	1079	rBV3	371	387	0.03%	0.003%
55	8.691	1110	1116	1122	rBV5	1936	4616	0.42%	0.041%
56	8.843	1131	1141	1155	rBV	441599	886004	79.71%	7.908%
57	8.935	1155	1156	1162	rVB5	749	1089	0.10%	0.010%
58	9.014	1167	1169	1172	rVB2	490	443	0.04%	0.004%
59	9.081	1172	1180	1186	rVB9	1321	3451	0.31%	0.031%
60	9.270	1201	1211	1227	rBV	240690	504045	45.35%	4.499%
61	9.441	1238	1239	1243	rVV3	606	663	0.06%	0.006%
62	9.490	1246	1247	1250	rVV2	513	462	0.04%	0.004%
63	9.520	1250	1252	1254	rVB2	559	463	0.04%	0.004%
64	9.569	1259	1260	1263	rVB3	583	449	0.04%	0.004%
65	9.611	1263	1267	1268	rBV3	654	926	0.08%	0.008%
66	9.648	1271	1273	1275	rVB2	549	419	0.04%	0.004%
67	9.679	1275	1278	1279	rBV	476	334	0.03%	0.003%
68	9.715	1281	1284	1285	rVB3	551	477	0.04%	0.004%
69	9.746	1285	1289	1290	rBV3	646	584	0.05%	0.005%
70	9.886	1310	1312	1317	rVV5	693	1054	0.09%	0.009%
71	9.953	1320	1323	1325	rBV4	735	1003	0.09%	0.009%
72	10.032	1329	1336	1349	rVV	119480	221301	19.91%	1.975%
73	10.239	1369	1370	1374	rVB3	662	614	0.06%	0.005%
74	10.325	1376	1384	1391	rBV	486335	865898	77.90%	7.729%
75	10.386	1391	1394	1401	rVV	6755	13523	1.22%	0.121%
76	10.441	1401	1403	1405	rVB3	631	564	0.05%	0.005%

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 Title : SFAM01.0

77	10.495	1410	1412	1414	rBV3	739	554	0.05%	0.005%
78	10.575	1419	1425	1435	rVB	72380	131662	11.84%	1.175%
79	10.666	1438	1440	1442	rBV4	503	349	0.03%	0.003%
80	10.703	1442	1446	1450	rVB4	1698	3084	0.28%	0.028%
81	10.733	1450	1451	1453	rBV2	551	567	0.05%	0.005%
82	10.855	1466	1471	1473	rBV5	3165	5322	0.48%	0.048%
83	10.922	1476	1482	1494	rBV	93189	172587	15.53%	1.540%
84	11.629	1591	1598	1608	rVB	576368	963572	86.69%	8.600%
85	12.690	1765	1772	1777	rBV	157622	274368	24.68%	2.449%
86	12.830	1781	1795	1823	rVB3	113271	728942	65.58%	6.506%
87	13.257	1851	1865	1883	rBV2	217139	834195	75.05%	7.446%
88	13.556	1907	1914	1925	rBV	397523	648250	58.32%	5.786%
89	13.849	1951	1962	1967	rBV	297081	553878	49.83%	4.944%
90	14.257	2019	2029	2047	rVB2	36705	149678	13.47%	1.336%
91	14.495	2058	2068	2081	rVB4	32897	118256	10.64%	1.055%
92	14.726	2099	2106	2114	rVB4	14972	40223	3.62%	0.359%
93	14.921	2127	2138	2149	rBV2	363946	1111561	100.00%	9.921%
94	15.037	2149	2157	2167	rBV3	32604	108464	9.76%	0.968%
95	15.312	2197	2202	2206	rBV6	3514	7477	0.67%	0.067%
96	15.610	2238	2251	2268	rVB4	73274	272352	24.50%	2.431%
97	15.909	2293	2300	2313	rVB6	15613	62854	5.65%	0.561%
98	16.086	2320	2329	2338	rBV4	13352	45189	4.07%	0.403%
99	16.336	2362	2370	2372	rBV9	3809	8716	0.78%	0.078%
100	16.635	2413	2419	2426	rVB3	11570	26698	2.40%	0.238%

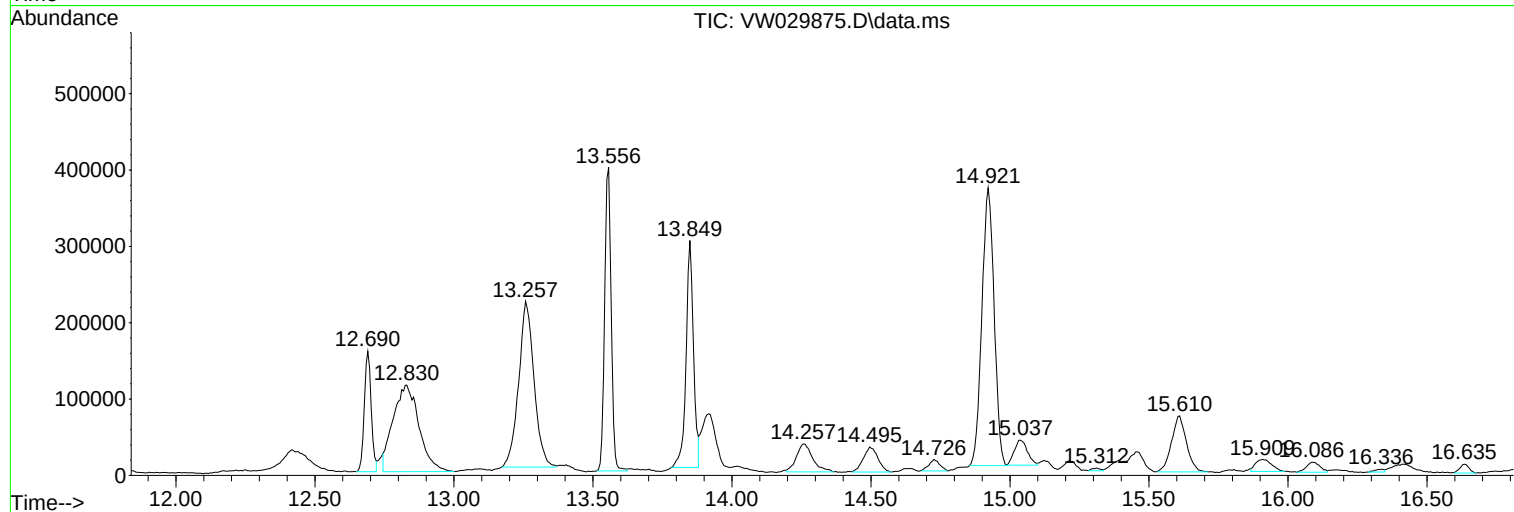
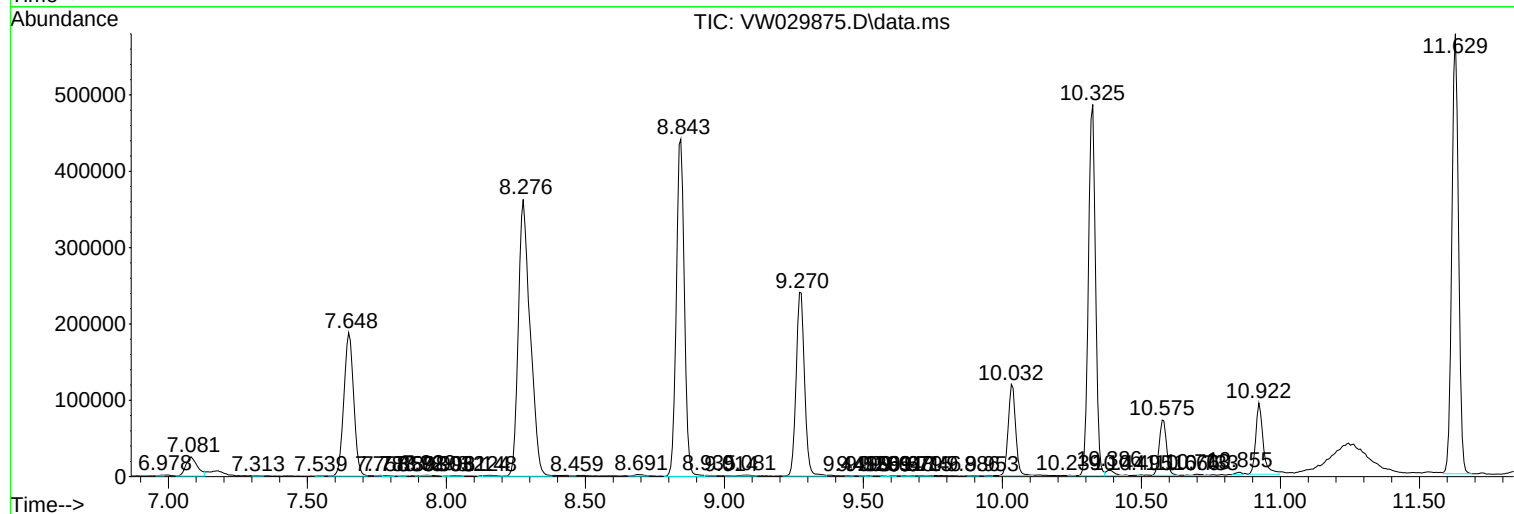
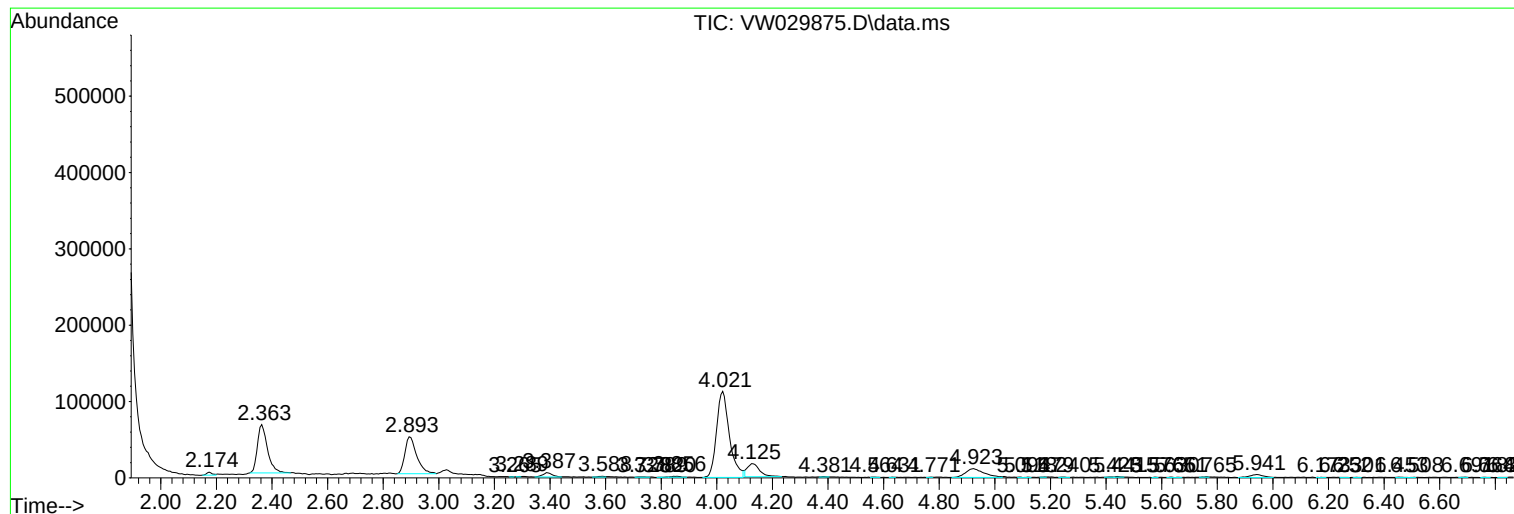
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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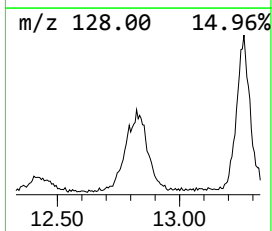
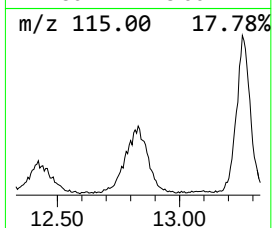
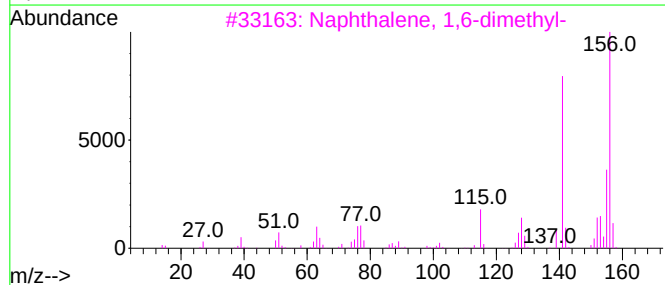
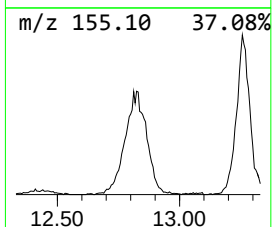
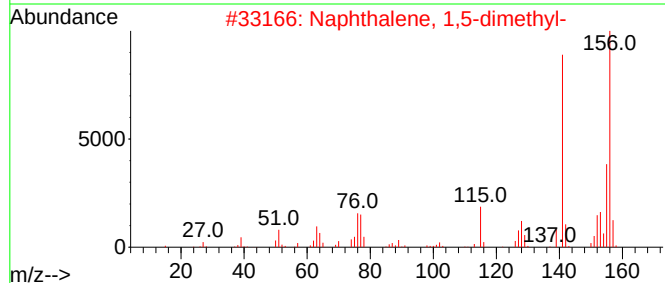
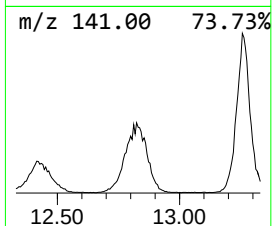
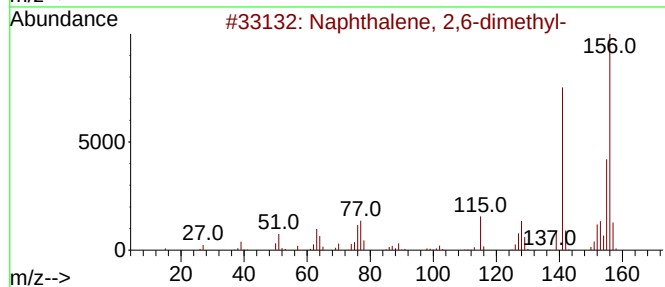
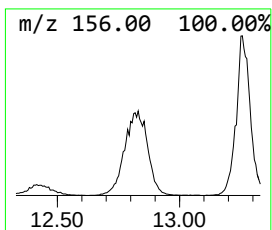
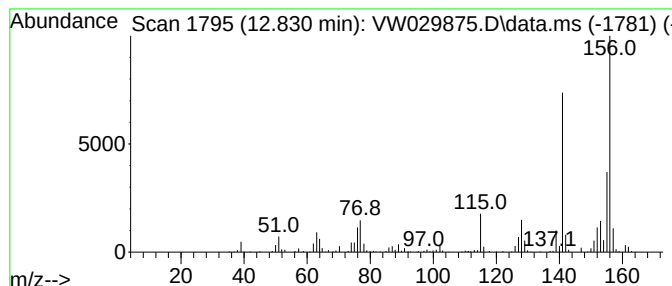
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.830	28.11 ug/L	728942	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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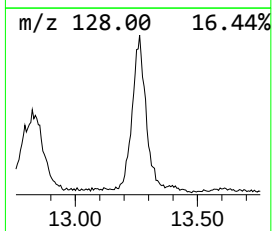
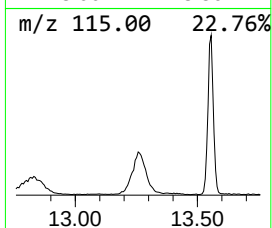
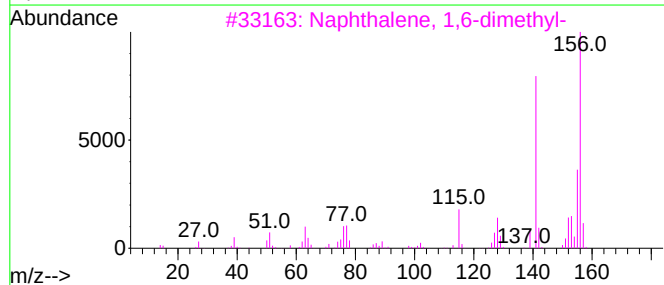
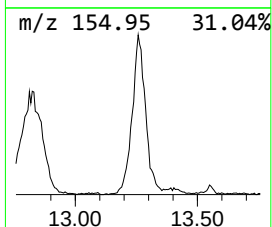
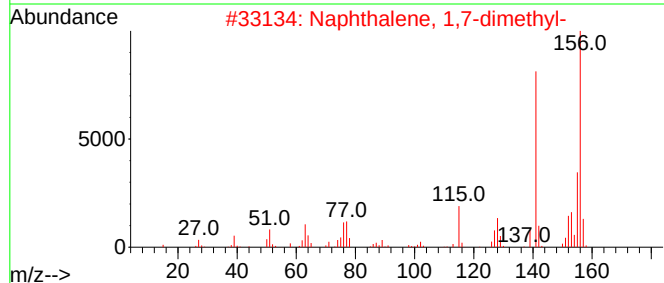
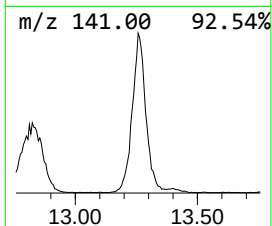
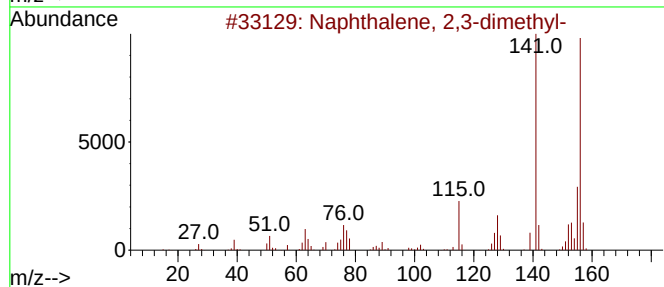
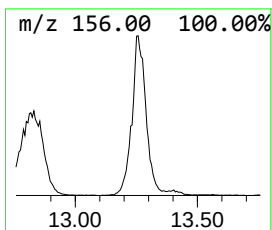
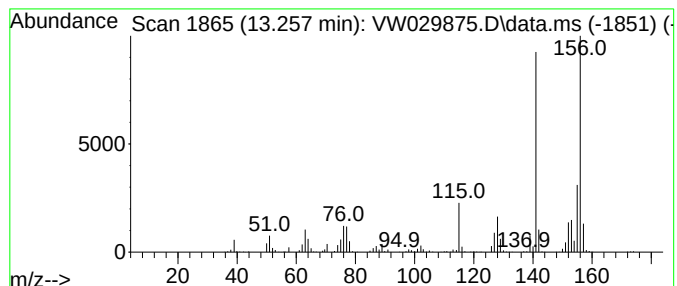
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	32.17 ug/L	834195	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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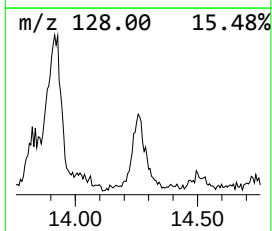
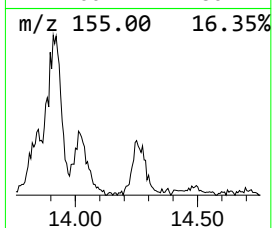
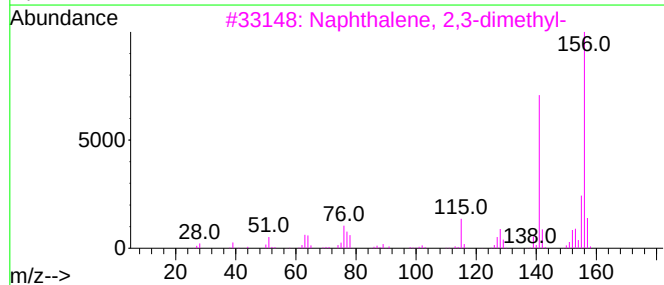
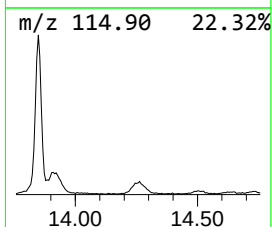
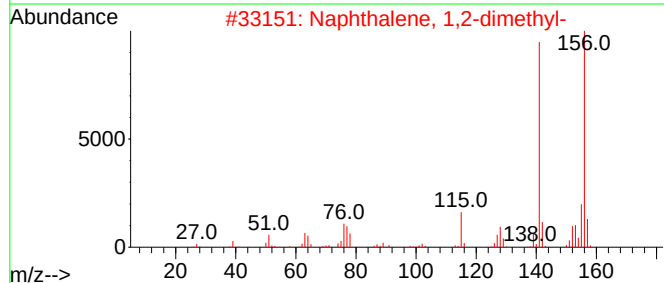
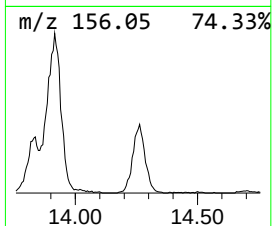
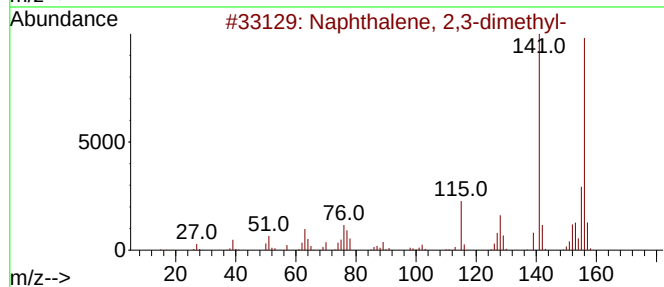
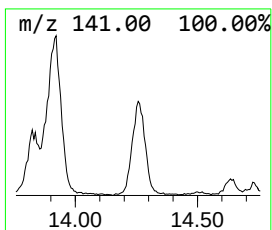
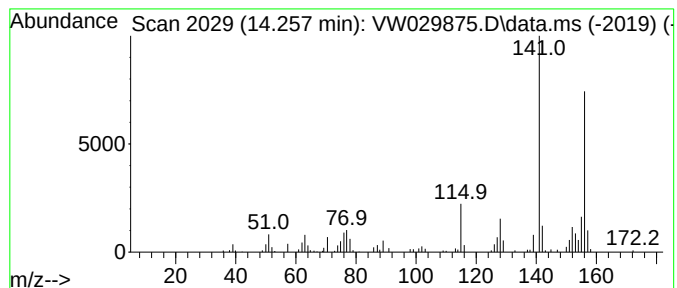
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.77 ug/L	149678	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029875.D
Acq On : 09 Aug 2024 15:31
Operator : SY/MD
Sample : P3481-18
Misc : 5.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF3

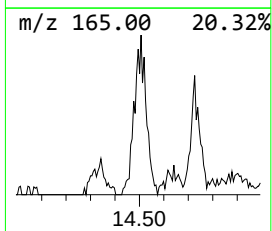
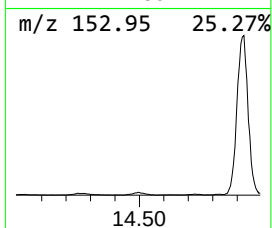
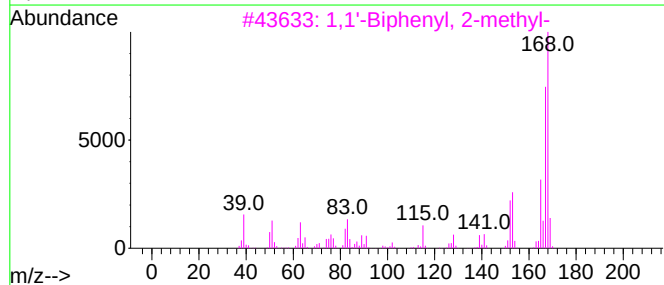
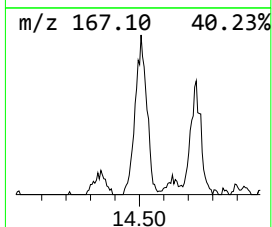
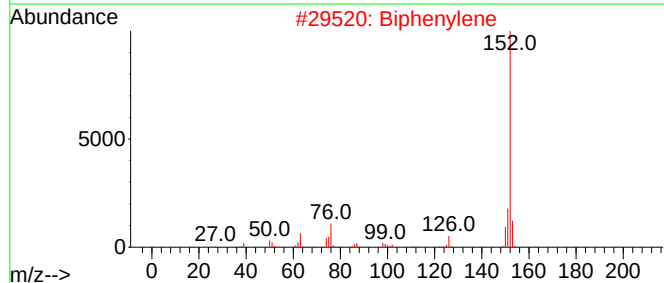
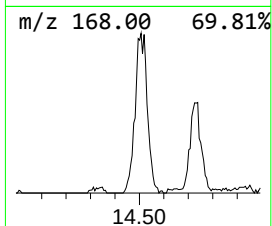
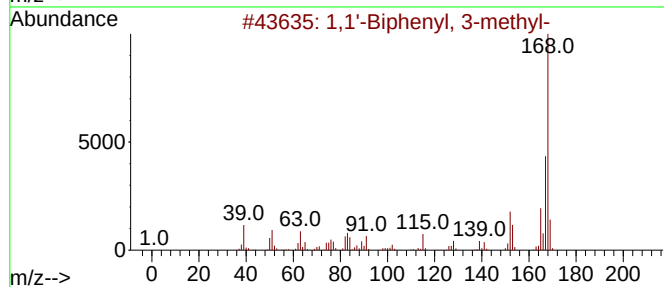
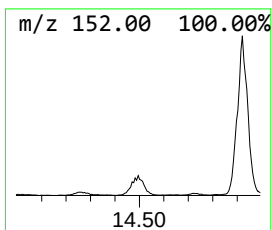
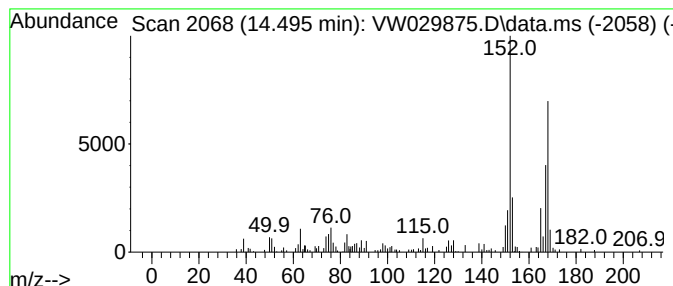
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Quant Title : SFAM01.0

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

Peak Number 6 1,1'-Biphenyl, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	4.56 ug/L	118256	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-			168	C13H12	000643-93-6	80
2	Biphenylene			152	C12H8	000259-79-0	50
3	1,1'-Biphenyl, 2-methyl-			168	C13H12	000643-58-3	46
4	1,1'-Biphenyl, 2-methyl-			168	C13H12	000643-58-3	46
5	Acenaphthylene			152	C12H8	000208-96-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029875.D
Acq On : 09 Aug 2024 15:31
Operator : SY/MD
Sample : P3481-18
Misc : 5.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF3

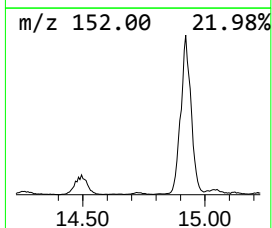
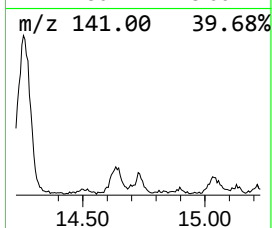
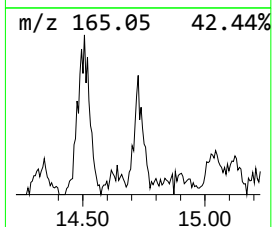
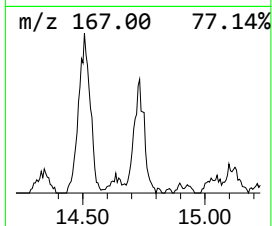
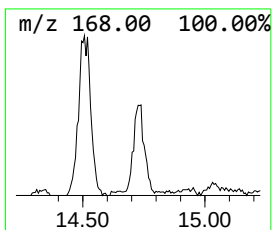
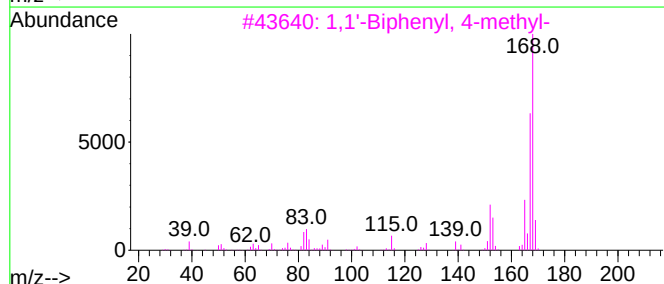
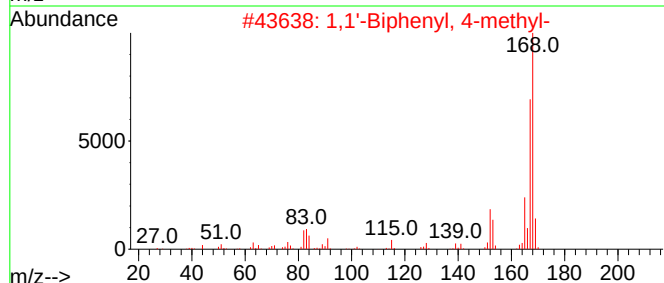
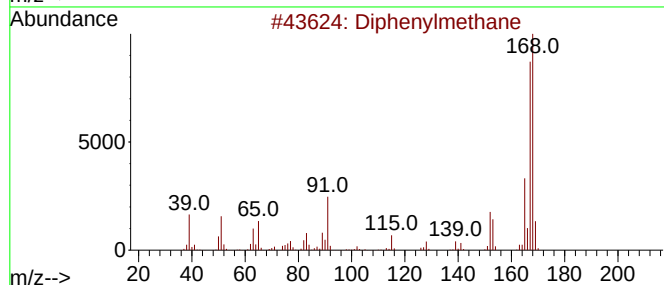
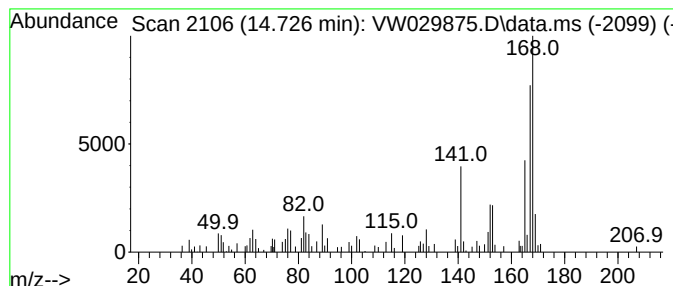
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Quant Title : SFAM01.0

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

Peak Number 7 Diphenylmethane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.726	1.55 ug/L	40223	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	70
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
4			Diphenylmethane	168	C13H12	000101-81-5	62
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029875.D
Acq On : 09 Aug 2024 15:31
Operator : SY/MD
Sample : P3481-18
Misc : 5.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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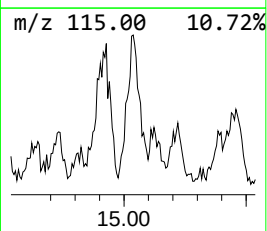
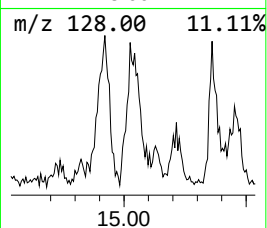
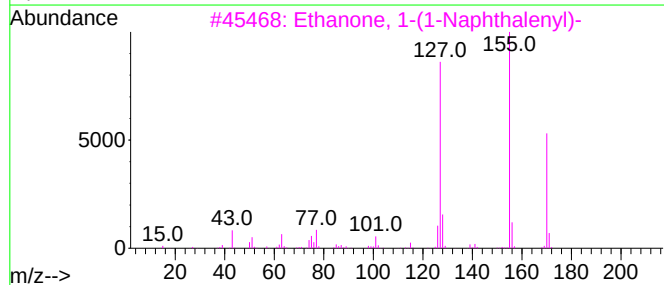
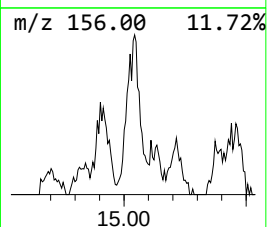
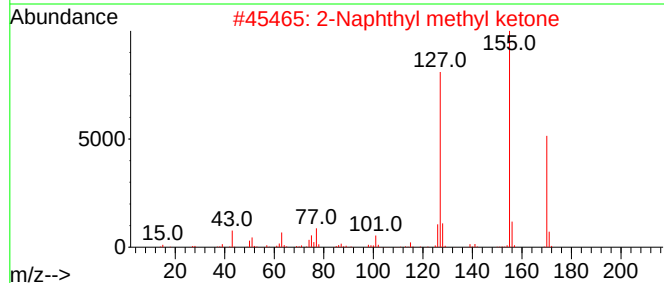
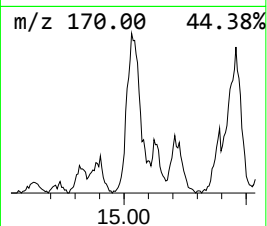
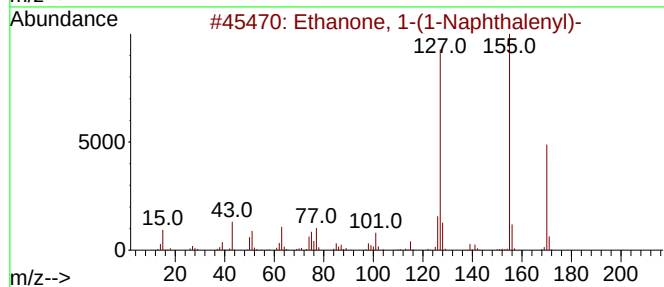
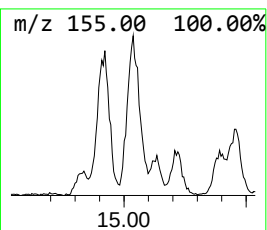
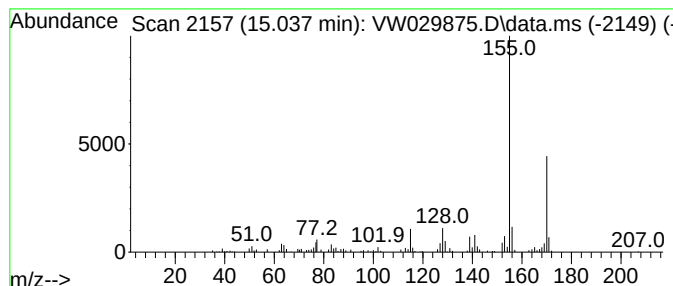
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Quant Title : SFAM01.0

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

Peak Number 9 Ethanone, 1-(1-Naphthalenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.037	4.18 ug/L	108464	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	86
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	83
3			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	80
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	80
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029875.D
Acq On : 09 Aug 2024 15:31
Operator : SY/MD
Sample : P3481-18
Misc : 5.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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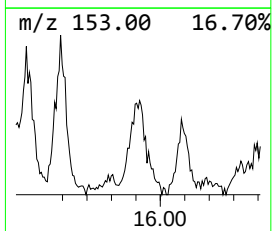
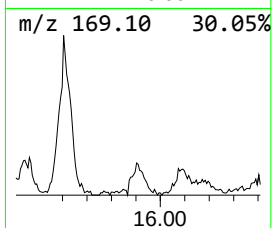
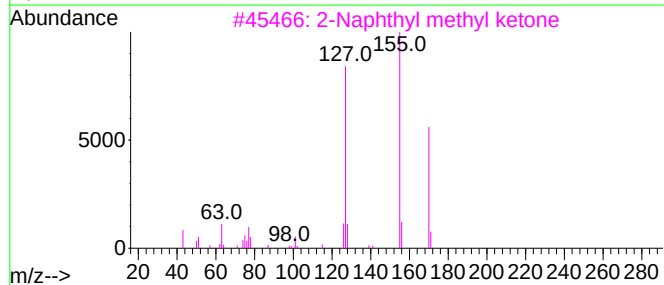
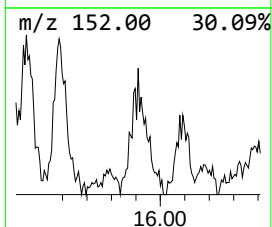
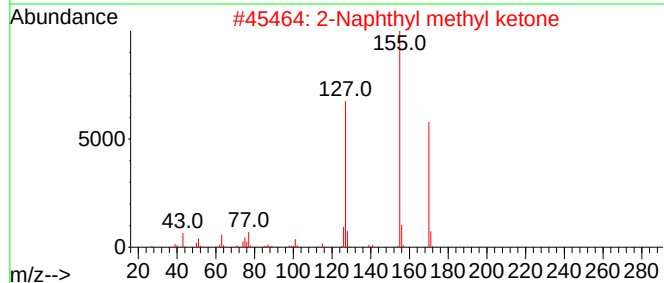
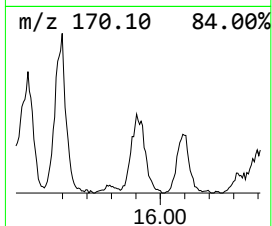
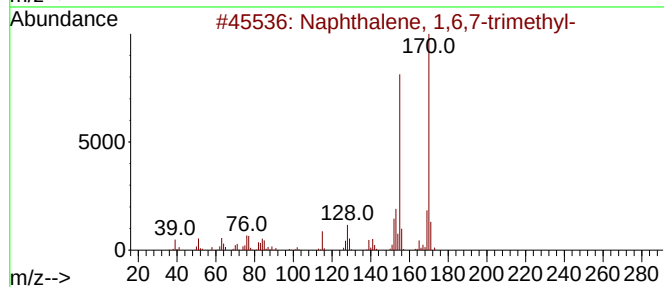
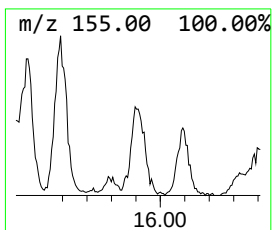
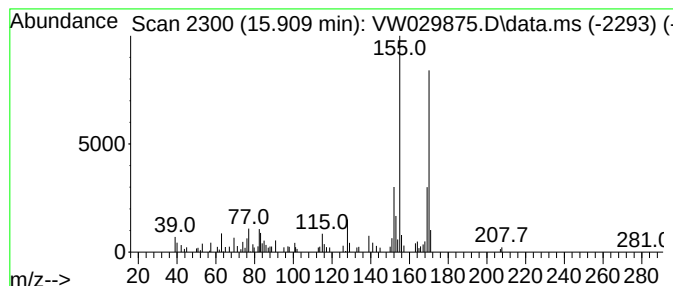
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.909	2.42 ug/L	62854	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
3			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
4			1,4-Benzenedithiol, S,S'-dimethyl-	170	C8H10S2	1000353-07-2	58
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029875.D
Acq On : 09 Aug 2024 15:31
Operator : SY/MD
Sample : P3481-18
Misc : 5.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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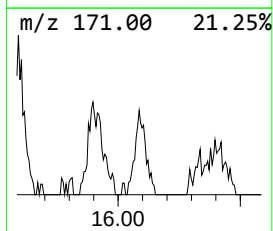
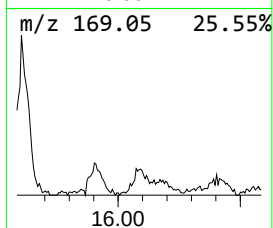
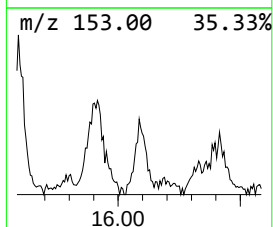
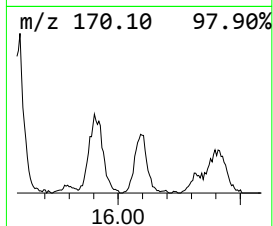
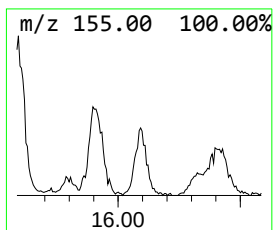
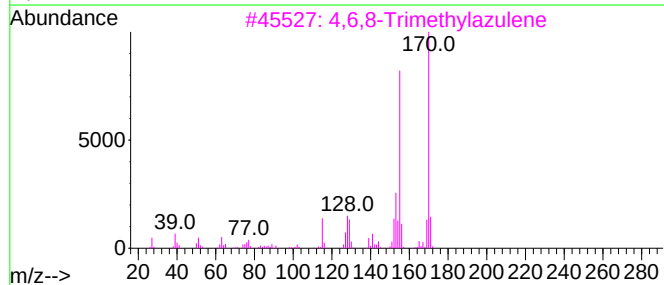
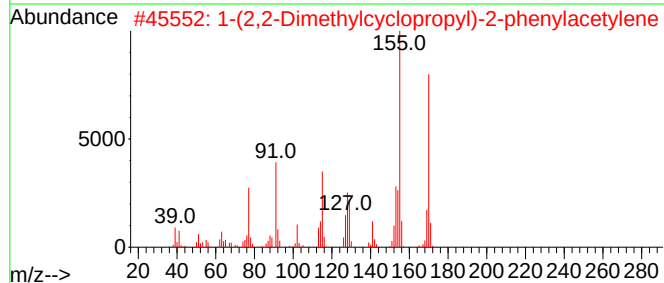
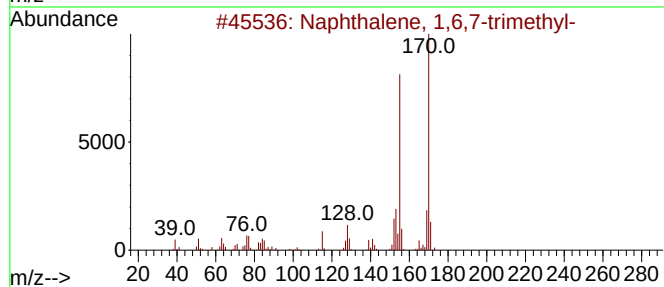
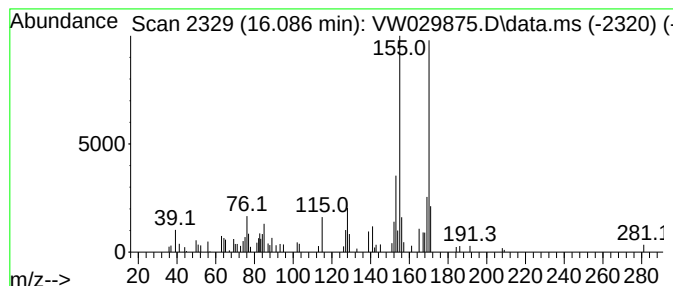
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Quant Title : SFAM01.0

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

Peak Number 12 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	1.74 ug/L	45189	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029875.D
Acq On : 09 Aug 2024 15:31
Operator : SY/MD
Sample : P3481-18
Misc : 5.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	12.830	28.1	ug/L	728942	3	13.550	648250	25.0
Naphthalene, 2,...	13.257	32.2	ug/L	834195	3	13.550	648250	25.0
Naphthalene, 1,...	14.257	5.8	ug/L	149678	3	13.550	648250	25.0
1,1'-Biphenyl, ...	14.495	4.6	ug/L	118256	3	13.550	648250	25.0
Diphenylmethane	14.726	1.6	ug/L	40223	3	13.550	648250	25.0
Ethanone, 1-(1-...	15.037	4.2	ug/L	108464	3	13.550	648250	25.0
Naphthalene, 1,...	15.909	2.4	ug/L	62854	3	13.550	648250	25.0
1-(2,2-Dimethyl...	16.086	1.7	ug/L	45189	3	13.550	648250	25.0