

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021504.D
 Acq On : 20 Dec 2021 17:36
 Operator : SY/VA
 Sample : M5171-15
 Misc : 6.72g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB1

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021504.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.075	26	28	31	rVB	382	320	0.04%	0.004%
2	2.123	34	36	37	rVB	329	197	0.03%	0.002%
3	2.154	37	41	46	rBV2	901	1476	0.19%	0.017%
4	2.209	48	50	53	rVV3	427	483	0.06%	0.006%
5	2.239	53	55	57	rVB2	355	295	0.04%	0.003%
6	2.343	62	72	79	rBV	58133	94688	12.09%	1.081%
7	2.434	85	87	91	rVB3	407	454	0.06%	0.005%
8	2.471	91	93	95	rVV2	388	230	0.03%	0.003%
9	2.514	99	100	102	rVV	489	302	0.04%	0.003%
10	2.550	104	106	109	rVV3	429	555	0.07%	0.006%
11	2.581	109	111	112	rVB2	526	361	0.05%	0.004%
12	2.605	112	115	117	rBV4	409	596	0.08%	0.007%
13	2.629	117	119	121	rVB2	368	259	0.03%	0.003%
14	2.709	130	132	136	rVB2	348	350	0.04%	0.004%
15	2.745	136	138	142	rVB2	221	261	0.03%	0.003%
16	2.812	144	149	152	rBV	953	1465	0.19%	0.017%
17	2.873	152	159	168	rVV	32934	65809	8.40%	0.751%
18	2.946	168	171	173	rVB2	227	237	0.03%	0.003%
19	3.026	179	184	187	rVB3	421	579	0.07%	0.007%
20	3.105	195	197	199	rBV	359	362	0.05%	0.004%
21	3.160	202	206	209	rVB5	246	345	0.04%	0.004%
22	3.190	209	211	215	rVB	428	404	0.05%	0.005%
23	3.233	215	218	222	rVB	144	200	0.03%	0.002%
24	3.379	238	242	248	rVB3	306	524	0.07%	0.006%
25	3.708	294	296	302	rVB	189	234	0.03%	0.003%
26	4.007	334	345	360	rBV	90495	249940	31.92%	2.853%
27	4.172	362	372	392	rVB2	4807	21178	2.70%	0.242%
28	4.373	394	405	416	rVB2	13715	40107	5.12%	0.458%
29	4.678	453	455	456	rBV2	184	176	0.02%	0.002%
30	4.714	459	461	467	rVB	246	454	0.06%	0.005%
31	4.916	484	494	505	rBV2	8211	25210	3.22%	0.288%
32	5.141	526	531	532	rBB	129	203	0.03%	0.002%
33	5.397	570	573	575	rBV	159	167	0.02%	0.002%
34	5.726	623	627	628	rBV	165	180	0.02%	0.002%
35	5.787	635	637	640	rVB	154	183	0.02%	0.002%
36	5.818	640	642	646	rBV	127	211	0.03%	0.002%

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 Title : SFAM01.0

37	5.940	655	662	668	rBV4	965	2499	0.32%	0.029%
38	6.202	701	705	708	rBV2	258	353	0.05%	0.004%
39	6.232	708	710	713	rVB	250	239	0.03%	0.003%
40	6.348	726	729	735	rVB	106	206	0.03%	0.002%
41	6.397	735	737	742	rBV	122	202	0.03%	0.002%
42	6.501	750	754	755	rBB	141	168	0.02%	0.002%
43	6.903	818	820	822	rVB	207	197	0.03%	0.002%
44	6.970	826	831	833	rBV	221	289	0.04%	0.003%
45	6.988	833	834	840	rBV2	139	179	0.02%	0.002%
46	7.098	842	852	860	rBV	12264	38659	4.94%	0.441%
47	7.513	916	920	923	rBV	318	348	0.04%	0.004%
48	7.647	932	942	954	rBV	133823	328657	41.97%	3.751%
49	7.732	954	956	957	rVB	241	168	0.02%	0.002%
50	7.787	961	965	966	rVB	244	266	0.03%	0.003%
51	7.817	968	970	972	rBV2	190	233	0.03%	0.003%
52	7.842	972	974	975	rBV	253	193	0.02%	0.002%
53	7.860	975	977	979	rVB	236	231	0.03%	0.003%
54	7.891	979	982	984	rBV	199	225	0.03%	0.003%
55	7.921	984	987	988	rBV2	347	327	0.04%	0.004%
56	7.939	988	990	991	rBV	184	198	0.03%	0.002%
57	7.994	995	999	1000	rBV3	271	283	0.04%	0.003%
58	8.025	1000	1004	1005	rBV3	404	454	0.06%	0.005%
59	8.153	1022	1025	1029	rBV4	418	697	0.09%	0.008%
60	8.275	1031	1045	1061	rBV2	262395	783018	100.00%	8.936%
61	8.482	1077	1079	1080	rBV2	445	321	0.04%	0.004%
62	8.500	1080	1082	1086	rVB5	636	725	0.09%	0.008%
63	8.573	1092	1094	1096	rVB3	342	241	0.03%	0.003%
64	8.653	1106	1107	1109	rBV2	255	213	0.03%	0.002%
65	8.695	1109	1114	1116	rVV5	564	1136	0.15%	0.013%
66	8.744	1120	1122	1125	rBV3	507	428	0.05%	0.005%
67	8.842	1127	1138	1147	rBV	288164	561709	71.74%	6.411%
68	8.921	1149	1151	1152	rVB2	540	293	0.04%	0.003%
69	8.988	1161	1162	1163	rBV	525	283	0.04%	0.003%
70	9.031	1167	1169	1170	rBV2	827	585	0.07%	0.007%
71	9.073	1170	1176	1179	rBV7	1849	3757	0.48%	0.043%
72	9.146	1186	1188	1190	rVB3	819	499	0.06%	0.006%
73	9.214	1197	1199	1201	rBV3	637	782	0.10%	0.009%
74	9.274	1201	1209	1221	rVV	175178	355691	45.43%	4.059%
75	9.506	1245	1247	1248	rBV2	691	606	0.08%	0.007%
76	9.707	1278	1280	1281	rBV2	788	570	0.07%	0.007%

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77	10.037	1327	1334	1341	rBV	77613	139153	17.77%	1.588%
78	10.323	1374	1381	1388	rBV	400149	694531	88.70%	7.927%
79	10.390	1388	1392	1397	rVB	9584	15890	2.03%	0.181%
80	10.579	1417	1423	1429	rBV	51677	85791	10.96%	0.979%
81	10.927	1474	1480	1486	rBV	65794	114656	14.64%	1.309%
82	11.628	1589	1595	1606	rVB	388383	687449	87.79%	7.846%
83	11.731	1607	1612	1618	rVB	54245	93067	11.89%	1.062%
84	11.835	1624	1629	1635	rBV	38353	71598	9.14%	0.817%
85	12.164	1680	1683	1689	rVB	17198	28497	3.64%	0.325%
86	12.463	1728	1732	1741	rVB	93422	164835	21.05%	1.881%
87	12.689	1765	1769	1777	rVB	136090	240734	30.74%	2.747%
88	12.896	1792	1803	1806	rBV3	86951	316309	40.40%	3.610%
89	13.249	1856	1861	1864	rBV	57549	99714	12.73%	1.138%
90	13.323	1865	1873	1885	rVB3	117492	513154	65.54%	5.857%
91	13.457	1891	1895	1906	rVB2	69281	211327	26.99%	2.412%
92	13.554	1906	1911	1927	rVB	412612	777180	99.25%	8.870%
93	13.755	1940	1944	1954	rVB5	69744	188326	24.05%	2.149%
94	13.853	1954	1960	1967	rBV	335121	620408	79.23%	7.081%
95	15.066	2153	2159	2171	rBV4	40594	119233	15.23%	1.361%
96	15.359	2201	2207	2214	rVB	318747	538725	68.80%	6.148%
97	16.279	2354	2358	2362	rVB3	7905	12315	1.57%	0.141%
98	16.432	2377	2383	2389	rBV	86780	186262	23.79%	2.126%
99	16.487	2389	2392	2398	rVB	21935	35799	4.57%	0.409%
100	16.639	2409	2417	2427	rVB2	85766	212045	27.08%	2.420%

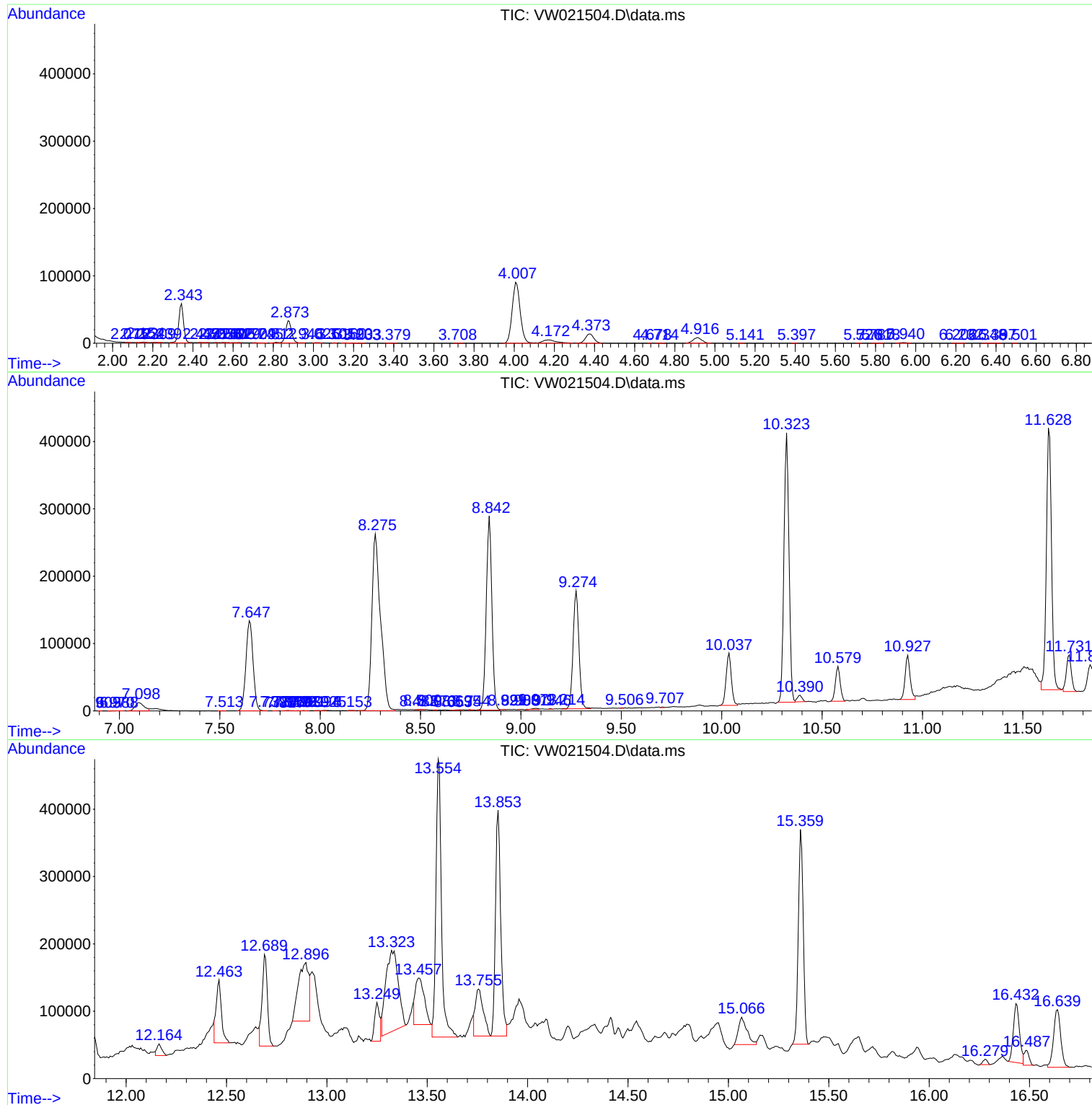
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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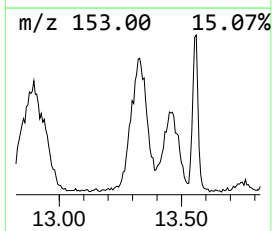
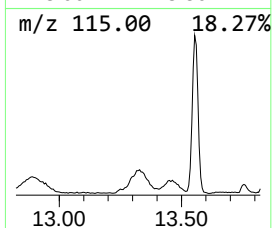
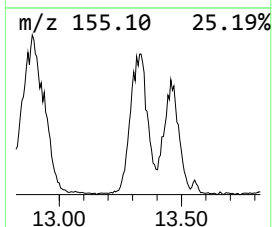
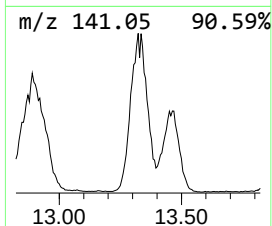
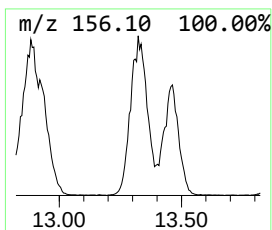
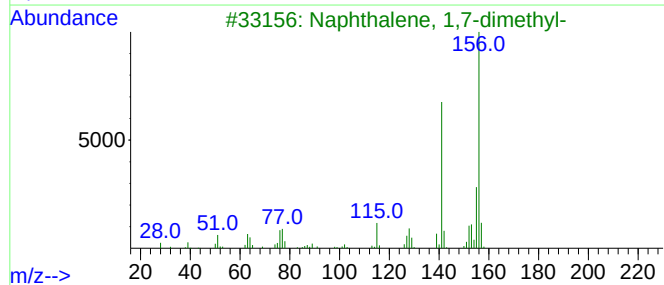
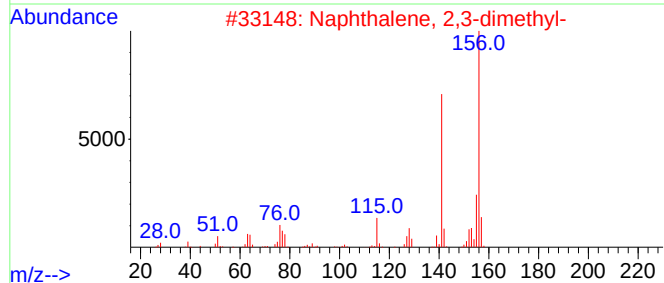
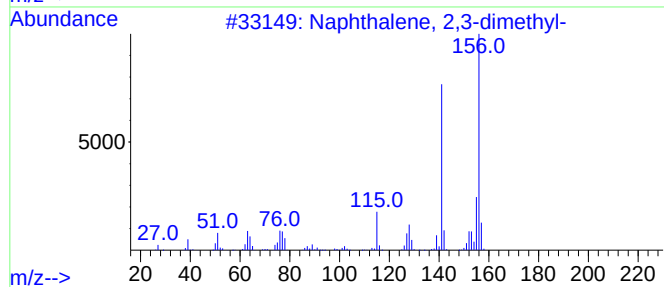
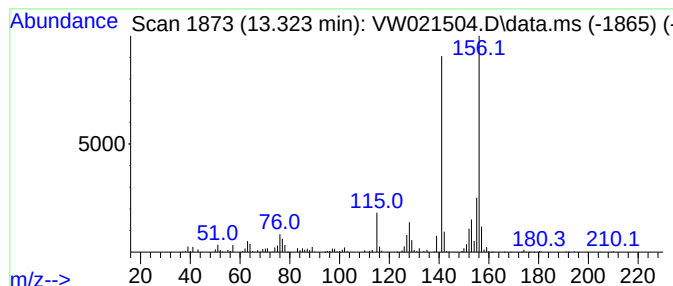
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	16.51 ug/L	513154	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



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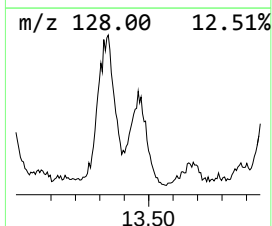
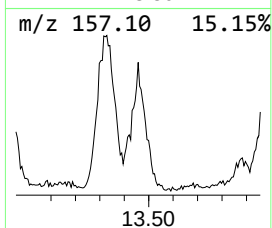
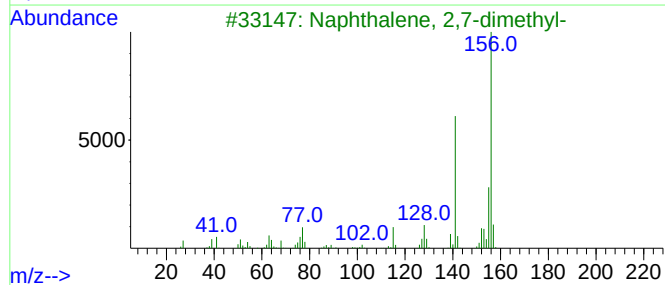
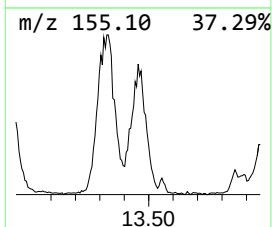
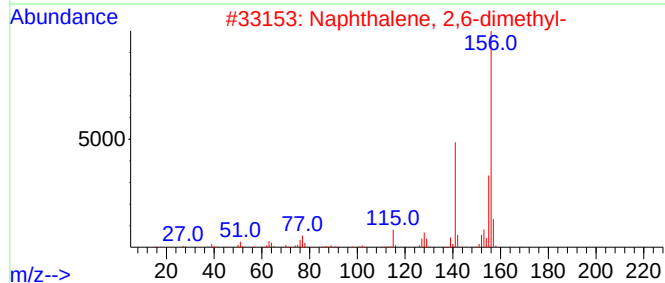
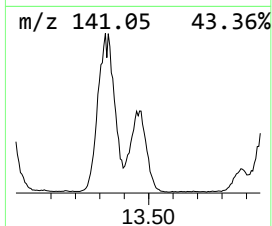
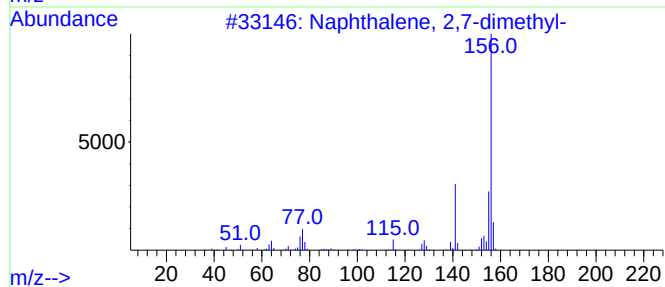
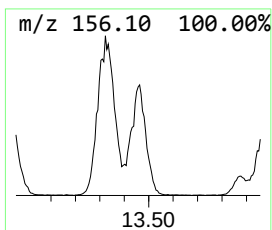
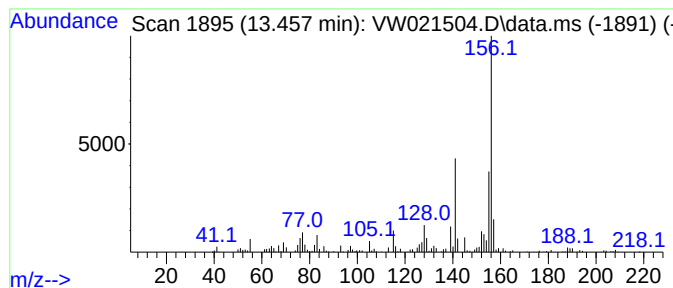
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	6.80 ug/L	211327	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	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93



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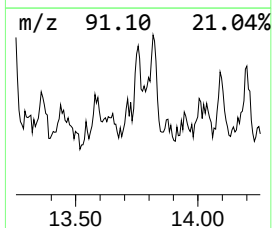
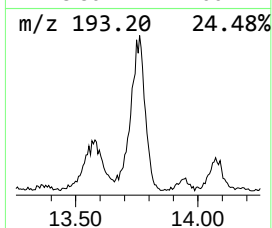
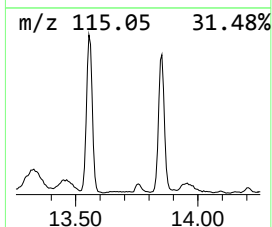
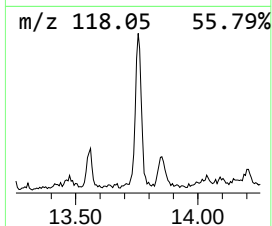
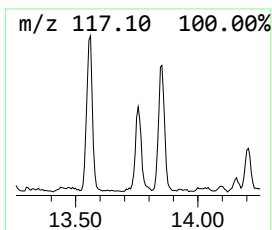
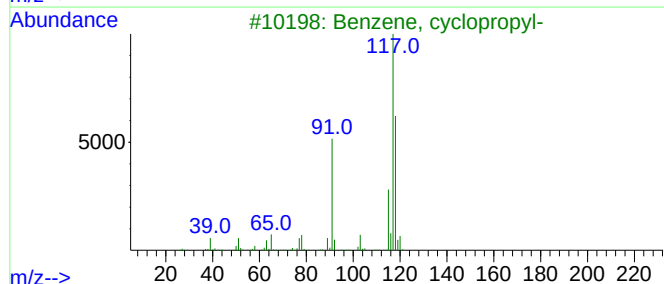
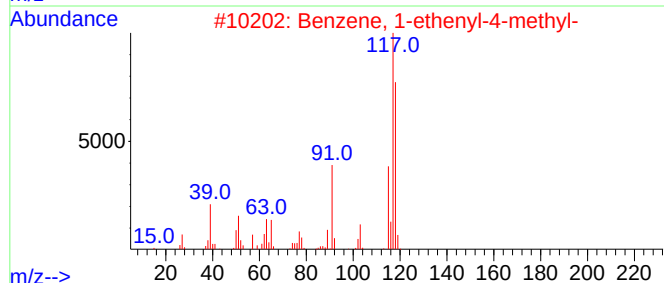
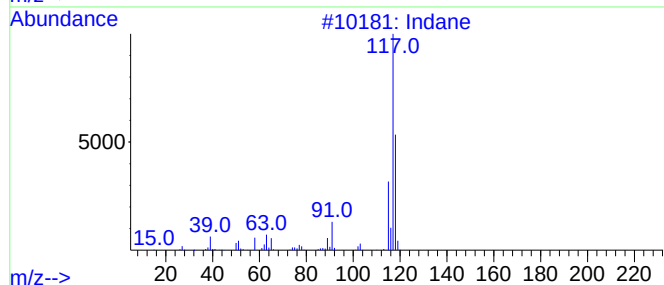
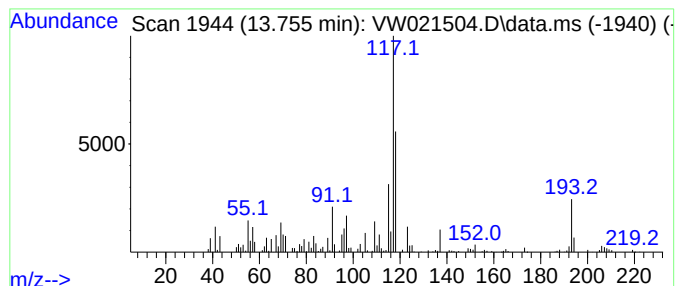
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	6.06 ug/L	188326	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	53
2			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	49
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	49
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	49
5			3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	47



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Sample : M5171-15
Misc : 6.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB1

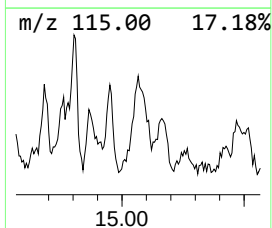
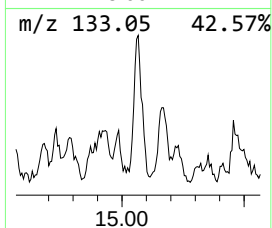
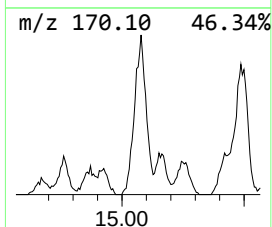
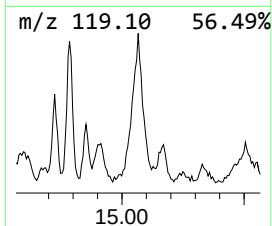
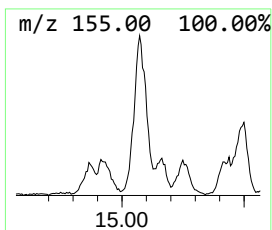
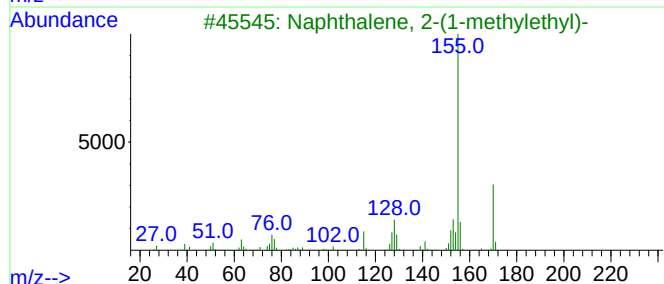
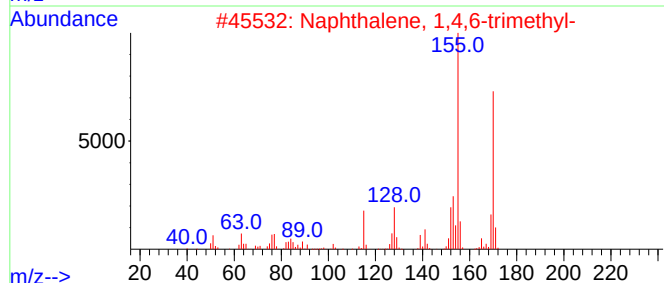
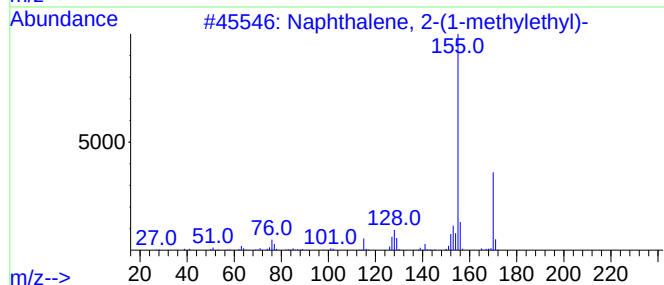
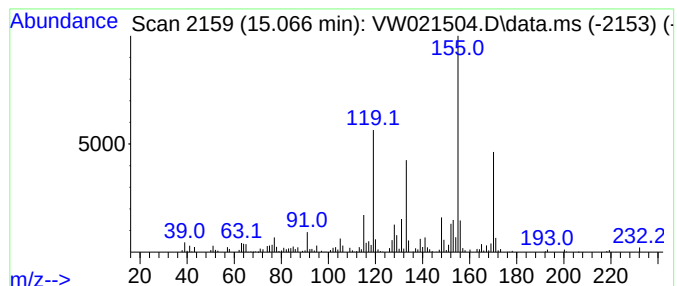
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2-(1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	3.84 ug/L	119233	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	78
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	53
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	49
5			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021504.D
Acq On : 20 Dec 2021 17:36
Operator : SY/VA
Sample : M5171-15
Misc : 6.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB1

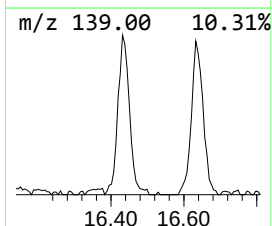
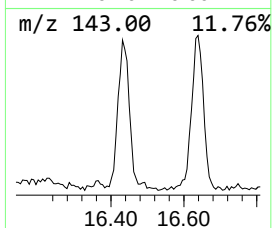
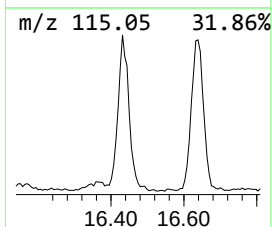
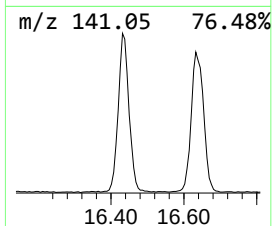
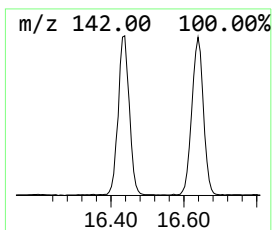
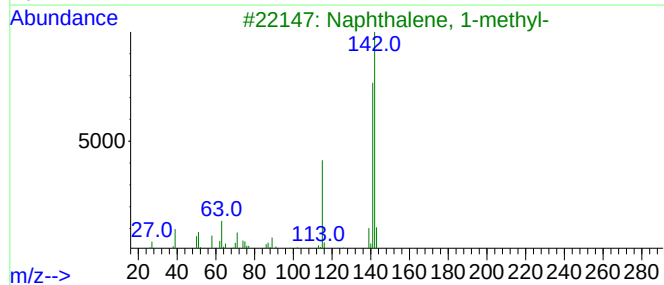
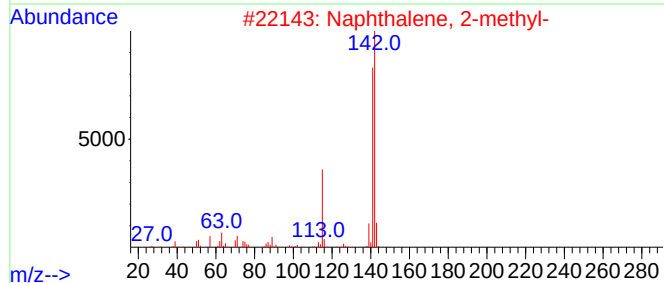
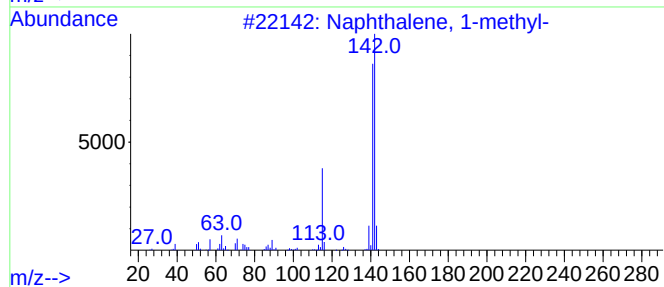
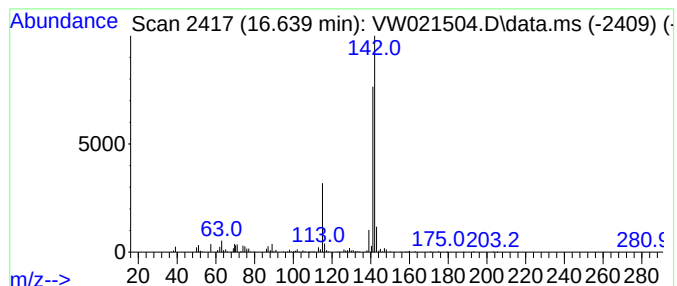
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	6.82 ug/L	212045	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021504.D
Acq On : 20 Dec 2021 17:36
Operator : SY/VA
Sample : M5171-15
Misc : 6.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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,...	13.323	16.5	ug/L	513154	3	13.554	777180	25.0
Naphthalene, 2,...	13.457	6.8	ug/L	211327	3	13.554	777180	25.0
Indane	13.755	6.1	ug/L	188326	3	13.554	777180	25.0
Naphthalene, 2-...	15.066	3.8	ug/L	119233	3	13.554	777180	25.0
unknown-01	16.639	6.8	ug/L	212045	3	13.554	777180	25.0