

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027106.D
 Acq On : 14 Sep 2023 16:39
 Operator : SY/MD
 Sample : VIBLK508
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK508

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.027	19	23	26	rVB6	2328	3043	0.12%	0.013%
2	2.125	35	39	40	rBV4	2037	2685	0.11%	0.012%
3	2.186	47	49	51	rBV3	1770	1969	0.08%	0.009%
4	2.235	51	57	58	rBV6	11730	22774	0.91%	0.099%
5	2.369	72	79	90	rBV	78705	217850	8.66%	0.944%
6	2.893	158	165	181	rBV	75883	227461	9.05%	0.986%
7	3.131	202	204	216	rVB	21632	50445	2.01%	0.219%
8	3.393	241	247	250	rVV4	5117	7777	0.31%	0.034%
9	3.478	260	261	264	rBV3	1999	1955	0.08%	0.008%
10	3.527	267	269	270	rBV2	2009	1988	0.08%	0.009%
11	3.594	279	280	284	rVB4	1772	1855	0.07%	0.008%
12	3.704	296	298	301	rBV4	1365	1543	0.06%	0.007%
13	3.740	301	304	307	rBV5	1957	2543	0.10%	0.011%
14	3.771	307	309	316	rVB8	2122	4261	0.17%	0.018%
15	3.826	316	318	321	rBV4	2044	2156	0.09%	0.009%
16	4.021	337	350	369	rBV2	168341	637405	25.35%	2.763%
17	4.246	385	387	390	rVB4	2195	1907	0.08%	0.008%
18	4.307	395	397	402	rVB5	1589	2128	0.08%	0.009%
19	4.387	402	410	421	rBV	16727	49980	1.99%	0.217%
20	4.923	484	498	515	rBV3	66324	305767	12.16%	1.325%
21	5.057	519	520	524	rVV4	1897	2281	0.09%	0.010%
22	5.112	524	529	532	rVV7	3910	8061	0.32%	0.035%
23	5.136	532	533	536	rVV3	4855	3885	0.15%	0.017%
24	5.191	540	542	546	rVB5	1922	1701	0.07%	0.007%
25	5.258	552	553	557	rVB4	2372	2453	0.10%	0.011%
26	5.386	571	574	576	rBV4	1887	1969	0.08%	0.009%
27	5.429	576	581	582	rBV4	1038	1456	0.06%	0.006%
28	5.466	582	587	588	rBV5	1309	1860	0.07%	0.008%
29	5.502	591	593	596	rVB4	2489	2595	0.10%	0.011%
30	5.661	617	619	621	rBV3	1370	1681	0.07%	0.007%
31	5.722	624	629	630	rBV4	2501	2646	0.11%	0.011%
32	5.758	630	635	637	rBV5	2115	2731	0.11%	0.012%
33	5.941	655	665	676	rVB3	23445	71305	2.84%	0.309%
34	6.069	683	686	689	rBV5	1509	2077	0.08%	0.009%
35	6.337	728	730	733	rBB4	1456	1474	0.06%	0.006%
36	6.368	733	735	736	rBV2	1598	1517	0.06%	0.007%

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Integrator: RTE

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 Title : SFAM01.0

37	6.478	752	753	756	rVB3	1952	1532	0.06%	0.007%
38	6.868	813	817	820	rBV6	1434	1703	0.07%	0.007%
39	6.929	823	827	829	rVB5	1978	2776	0.11%	0.012%
40	6.984	833	836	839	rBV5	2177	2965	0.12%	0.013%
41	7.081	843	852	854	rBV	51111	115067	4.58%	0.499%
42	7.136	854	861	874	rVV	210641	625048	24.86%	2.709%
43	7.246	878	879	883	rVV4	3349	4776	0.19%	0.021%
44	7.307	886	889	890	rVV3	1540	1525	0.06%	0.007%
45	7.441	909	911	913	rBV3	2108	1775	0.07%	0.008%
46	7.508	919	922	925	rBV5	1106	1677	0.07%	0.007%
47	7.551	928	929	932	rBV3	2355	2065	0.08%	0.009%
48	7.648	935	945	956	rBV	350698	870008	34.60%	3.771%
49	7.758	961	963	965	rVB3	1822	1624	0.06%	0.007%
50	7.855	977	979	982	rBV4	2048	2729	0.11%	0.012%
51	8.142	1022	1026	1027	rBV4	1171	1749	0.07%	0.008%
52	8.154	1027	1028	1031	rVB3	2473	2113	0.08%	0.009%
53	8.270	1035	1047	1067	rVV3	800067	2514538	100.00%	10.898%
54	8.404	1067	1069	1072	rVV4	1779	2589	0.10%	0.011%
55	8.429	1072	1073	1076	rVB3	1981	1458	0.06%	0.006%
56	8.550	1091	1093	1094	rBV	2494	1613	0.06%	0.007%
57	8.611	1100	1103	1104	rBV3	1873	1662	0.07%	0.007%
58	8.715	1114	1120	1122	rVB7	2145	2925	0.12%	0.013%
59	8.843	1132	1141	1154	rBV	756432	1527230	60.74%	6.619%
60	8.965	1159	1161	1164	rVB4	1977	1639	0.07%	0.007%
61	9.081	1176	1180	1185	rBV7	5423	8686	0.35%	0.038%
62	9.270	1204	1211	1222	rBV	456297	947154	37.67%	4.105%
63	9.416	1233	1235	1238	rBV4	1662	1636	0.07%	0.007%
64	9.471	1242	1244	1246	rVB3	2836	2512	0.10%	0.011%
65	9.495	1246	1248	1250	rBV3	1685	1819	0.07%	0.008%
66	9.562	1256	1259	1260	rBV3	1866	1614	0.06%	0.007%
67	9.599	1264	1265	1269	rVB4	2206	2163	0.09%	0.009%
68	9.660	1273	1275	1278	rVV4	4550	5607	0.22%	0.024%
69	9.709	1282	1283	1287	rVV4	2276	2408	0.10%	0.010%
70	9.745	1287	1289	1294	rVB6	2057	3544	0.14%	0.015%
71	9.892	1309	1313	1316	rBV6	3163	6096	0.24%	0.026%
72	9.989	1327	1329	1330	rBV2	2539	1841	0.07%	0.008%
73	10.032	1330	1336	1346	rVB	227478	418513	16.64%	1.814%
74	10.209	1363	1365	1369	rBV5	2847	3831	0.15%	0.017%
75	10.325	1376	1384	1397	rVB	996948	1798711	71.53%	7.796%
76	10.575	1419	1425	1433	rBV	150726	267595	10.64%	1.160%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

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Sampling : 1

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 Title : SFAM01.0

77	10.703	1440	1446	1454	rBV2	140940	264838	10.53%	1.148%
78	10.849	1465	1470	1473	rBV5	16104	25358	1.01%	0.110%
79	10.922	1477	1482	1494	rVV	154448	314278	12.50%	1.362%
80	11.062	1500	1505	1511	rVB2	44473	82093	3.26%	0.356%
81	11.178	1519	1524	1527	rBV5	11414	18129	0.72%	0.079%
82	11.434	1562	1566	1573	rVB2	61673	120623	4.80%	0.523%
83	11.629	1591	1598	1607	rBV	1172605	1957493	77.85%	8.484%
84	12.464	1733	1735	1745	rVB2	39560	63077	2.51%	0.273%
85	12.605	1752	1758	1765	rVB	139079	256078	10.18%	1.110%
86	12.690	1766	1772	1778	rBV	427528	686178	27.29%	2.974%
87	12.836	1781	1796	1815	rVV2	120509	740503	29.45%	3.209%
88	13.269	1855	1867	1868	rBV2	454384	1066302	42.41%	4.622%
89	13.415	1883	1891	1907	rVB3	219780	923751	36.74%	4.004%
90	13.556	1907	1914	1921	rBV	1407811	2293299	91.20%	9.939%
91	13.848	1954	1962	1968	rBV	1086741	1796728	71.45%	7.787%
92	14.062	1993	1997	2004	rVB2	42537	78998	3.14%	0.342%
93	14.275	2024	2032	2038	rBV3	28391	91418	3.64%	0.396%
94	14.738	2102	2108	2110	rBV5	19517	42259	1.68%	0.183%
95	15.062	2151	2161	2169	rBV7	64898	245271	9.75%	1.063%
96	15.202	2181	2184	2197	rVB7	67318	206476	8.21%	0.895%
97	15.464	2218	2227	2238	rVB5	95450	381748	15.18%	1.655%
98	15.598	2242	2249	2265	rVB4	75519	275533	10.96%	1.194%
99	15.915	2294	2301	2312	rVB5	66528	243018	9.66%	1.053%
100	16.628	2413	2418	2429	rVB10	25067	75457	3.00%	0.327%

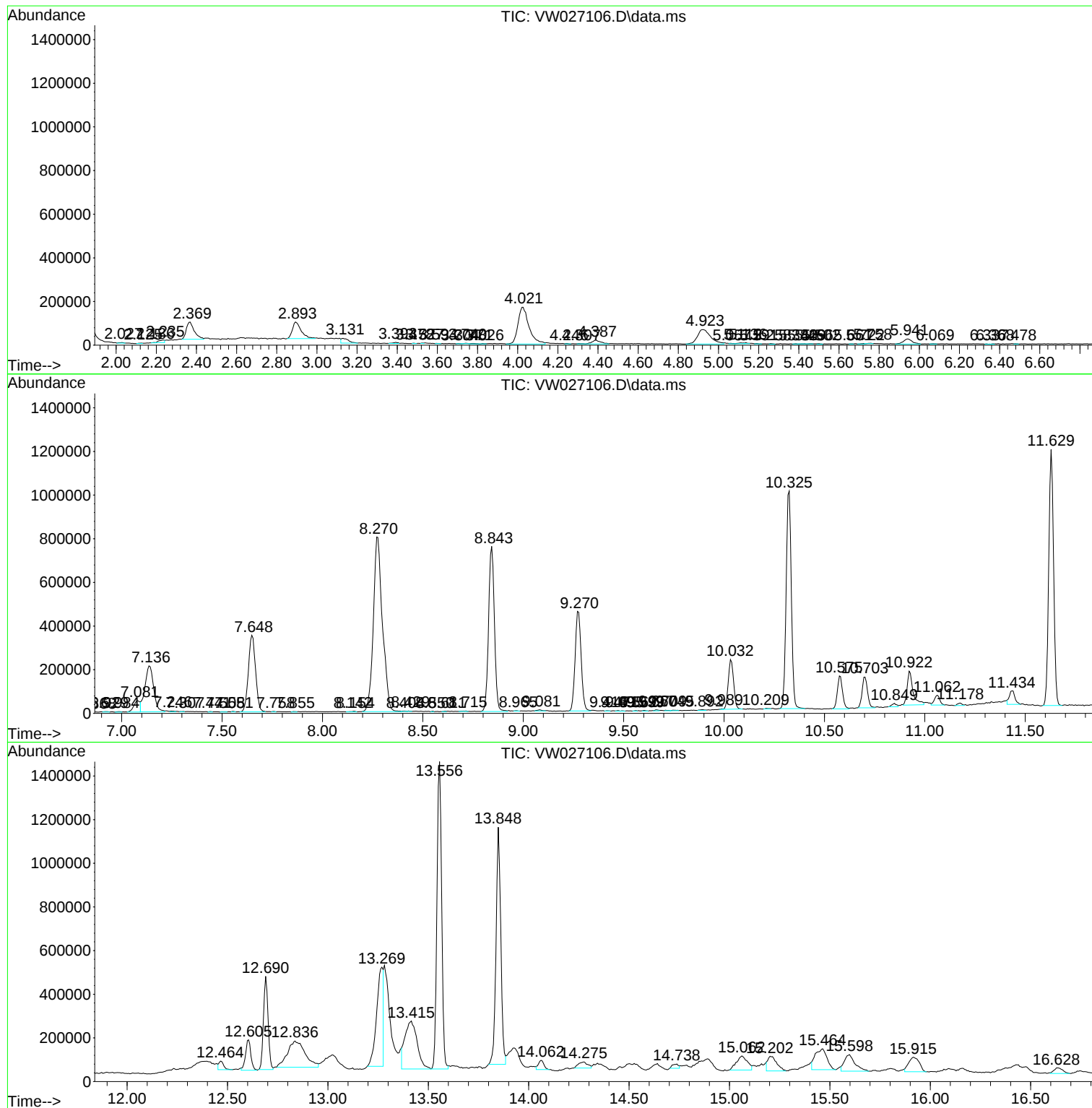
Sum of corrected areas: 23072606

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
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VIBLK508

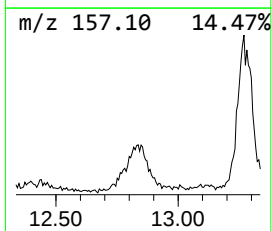
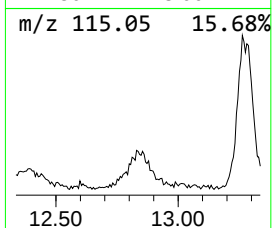
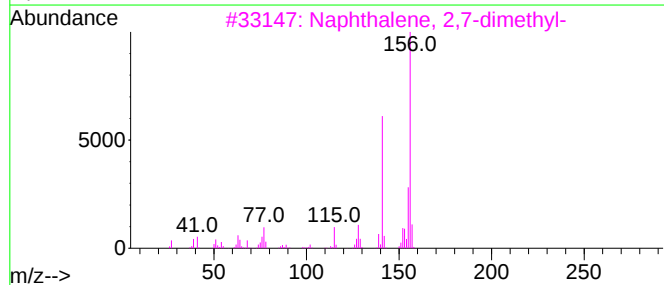
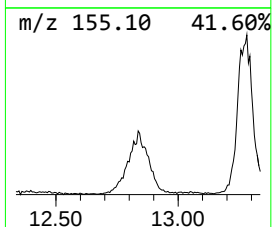
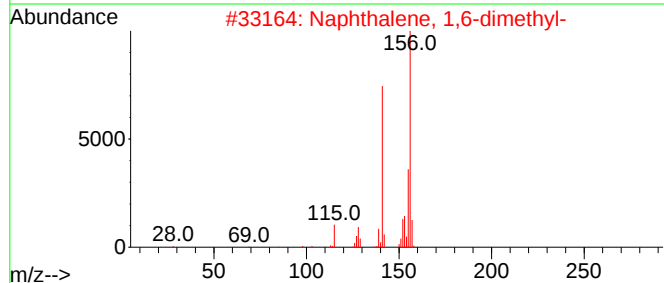
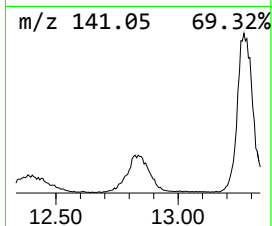
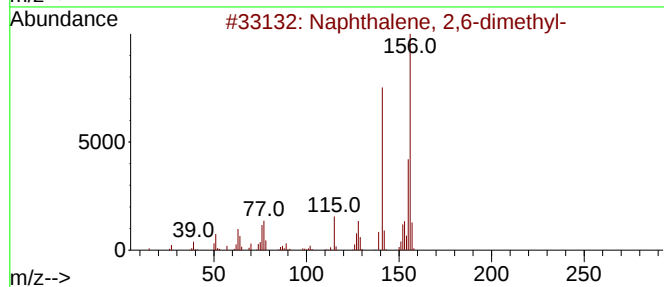
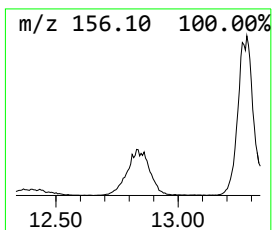
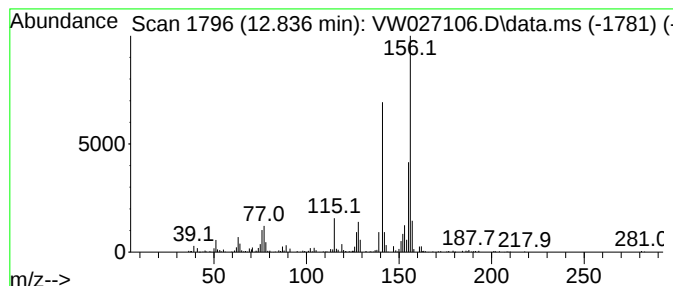
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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.
12.836	8.07 ug/L	740503	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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Instrument :
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ClientSampleId :
VIBLK508

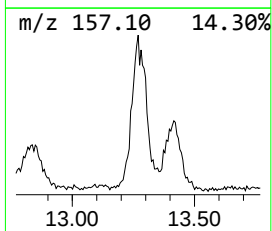
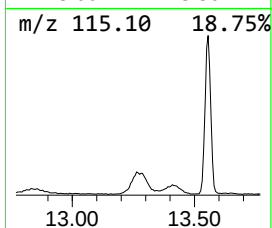
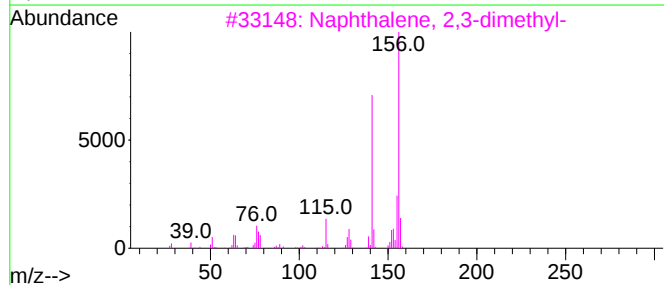
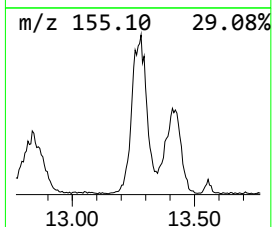
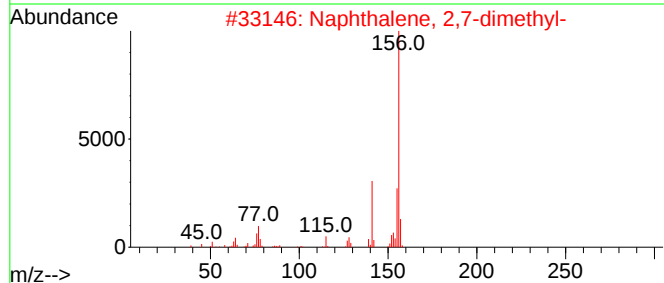
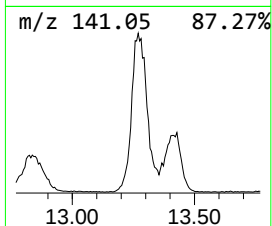
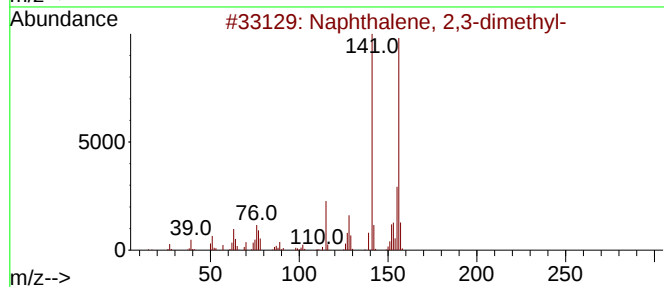
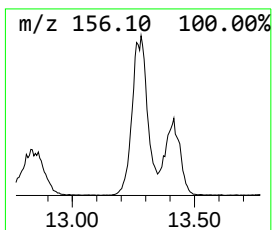
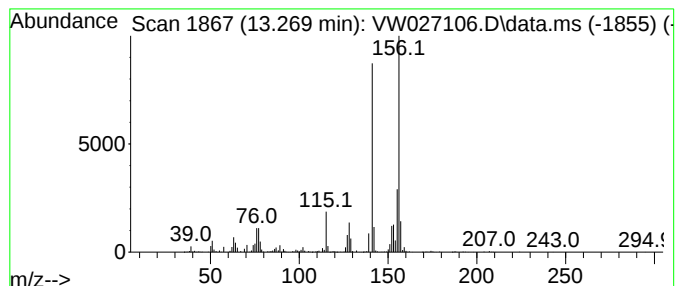
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	11.62 ug/L	1066300	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



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ClientSampleId :
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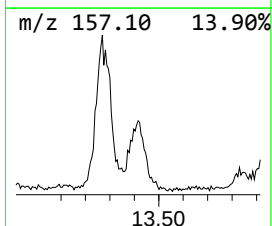
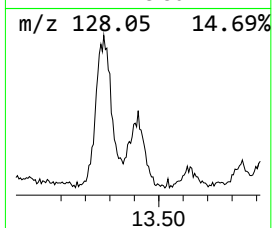
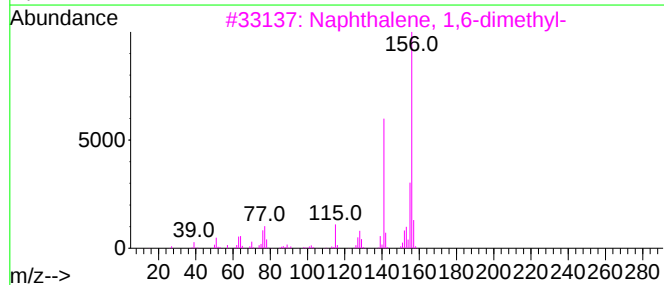
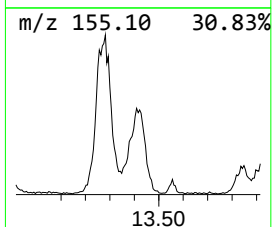
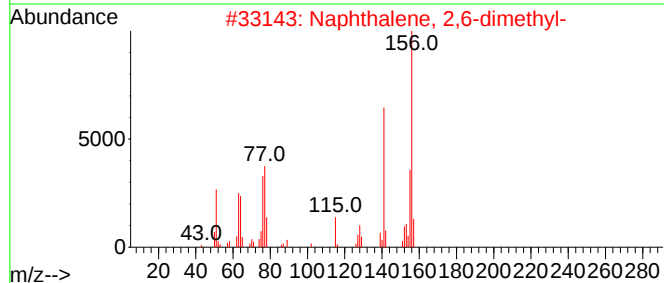
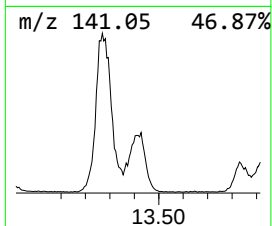
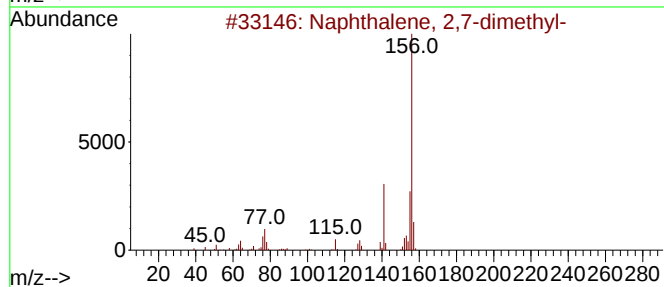
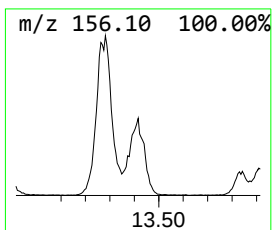
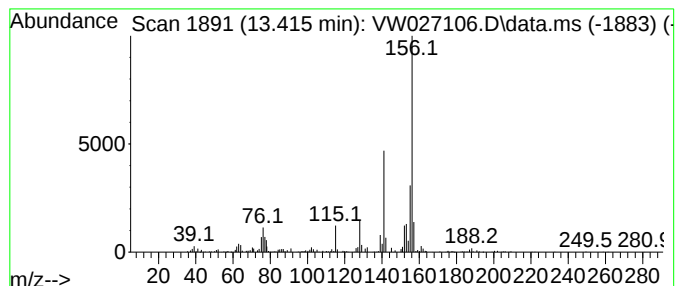
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	10.07 ug/L	923751	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027106.D
Acq On : 14 Sep 2023 16:39
Operator : SY/MD
Sample : VIBLK508
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

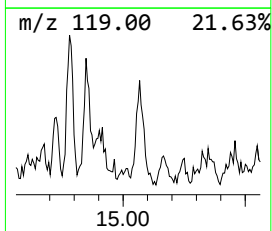
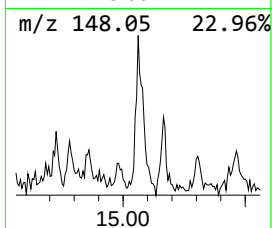
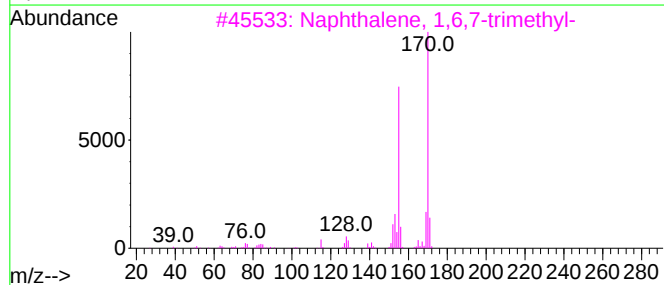
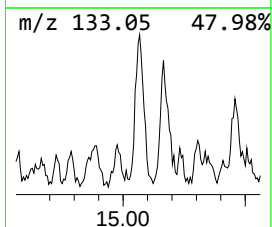
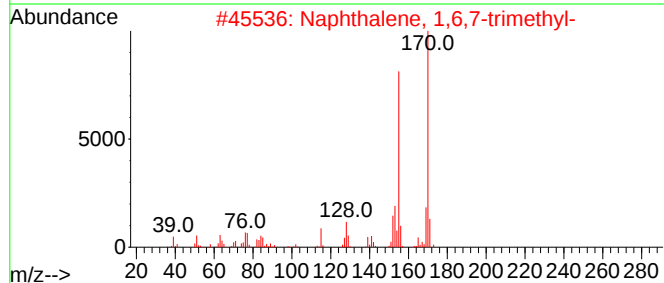
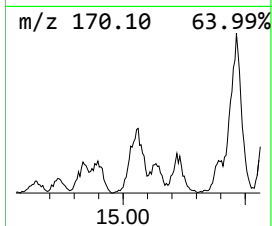
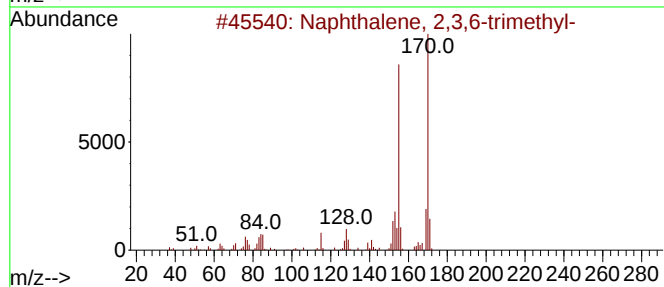
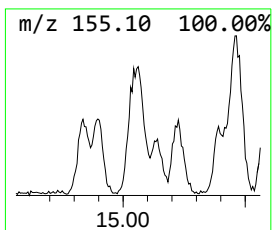
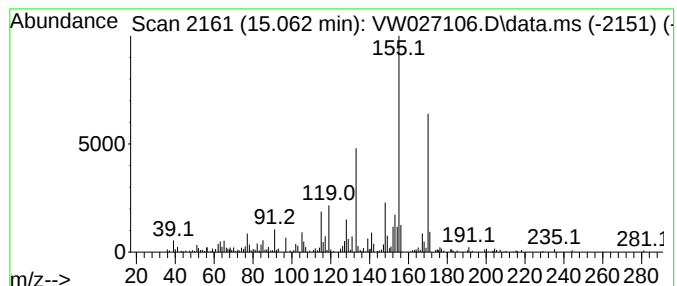
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	2.67 ug/L	245271	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027106.D
Acq On : 14 Sep 2023 16:39
Operator : SY/MD
Sample : VIBLK508
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

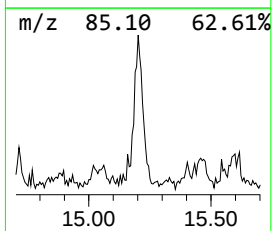
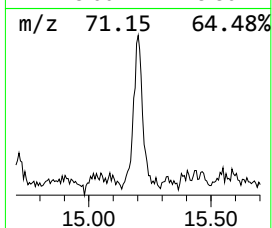
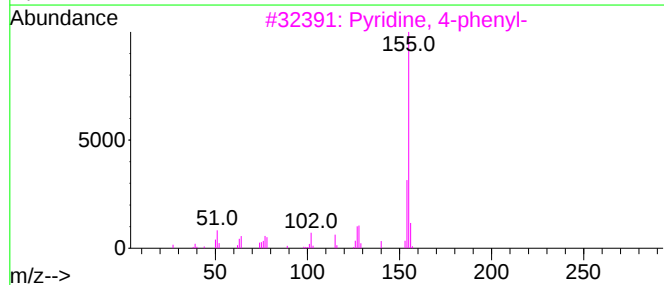
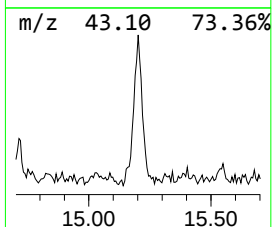
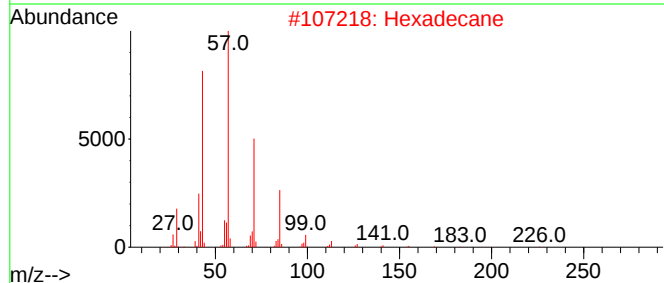
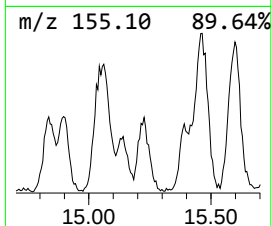
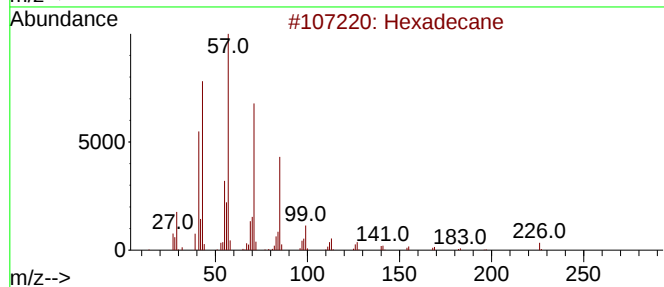
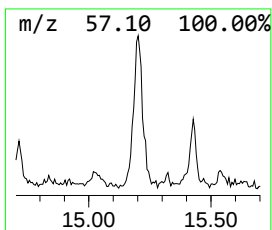
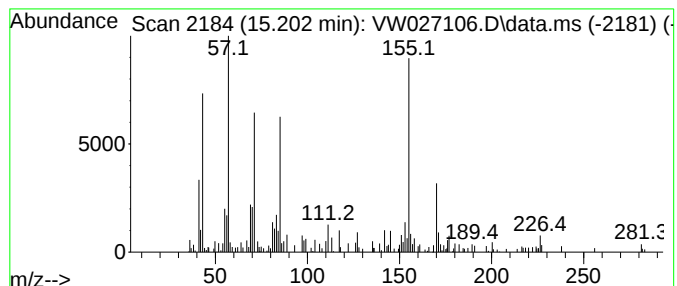
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	2.25 ug/L	206476	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	38
2			Hexadecane	226	C16H34	000544-76-3	38
3			Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	27
4			Nonadecane	268	C19H40	000629-92-5	22
5			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027106.D
Acq On : 14 Sep 2023 16:39
Operator : SY/MD
Sample : VIBLK508
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

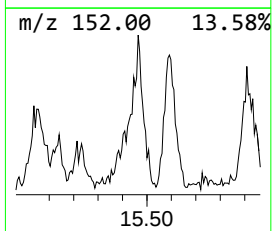
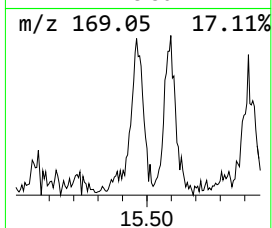
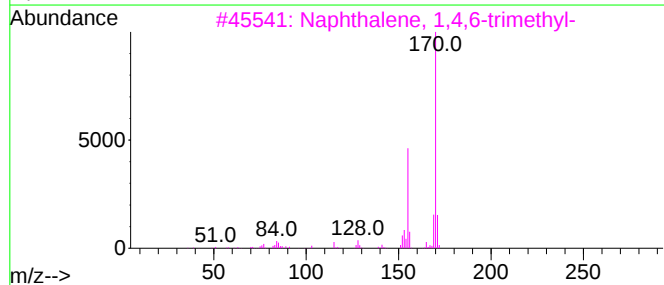
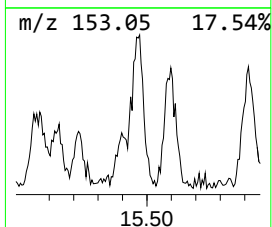
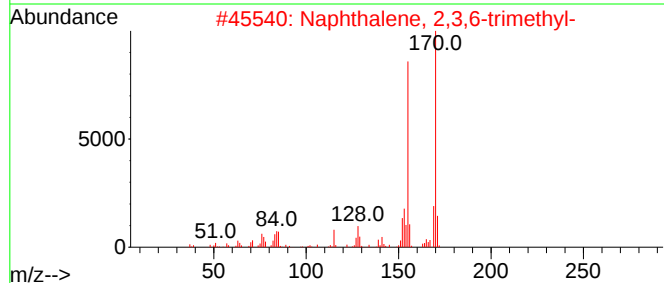
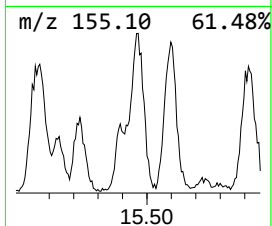
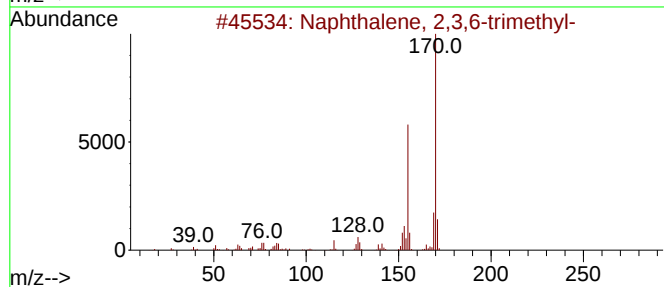
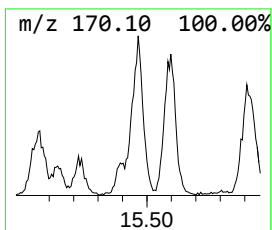
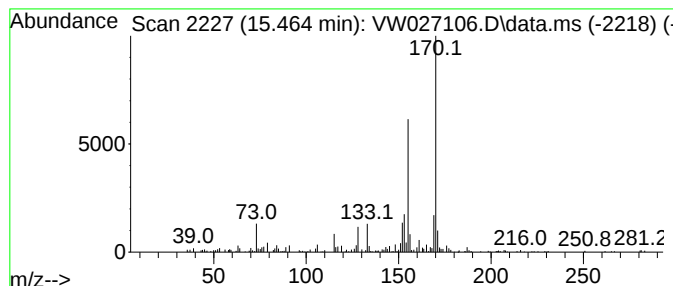
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.464	4.16 ug/L	381748	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027106.D
Acq On : 14 Sep 2023 16:39
Operator : SY/MD
Sample : VIBLK508
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

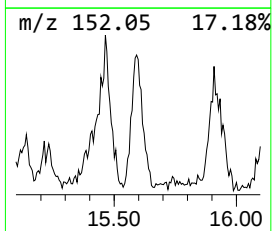
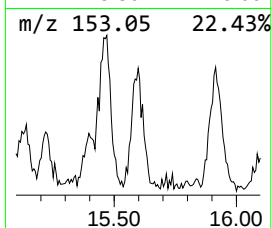
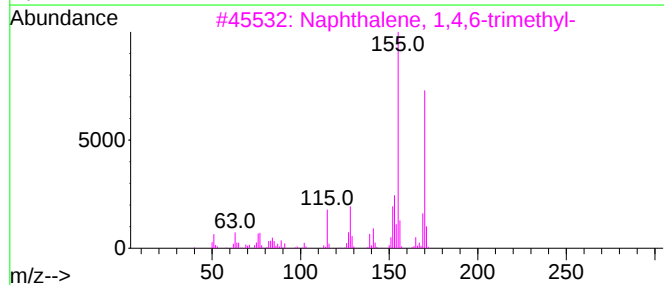
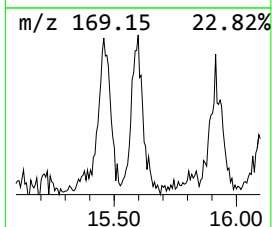
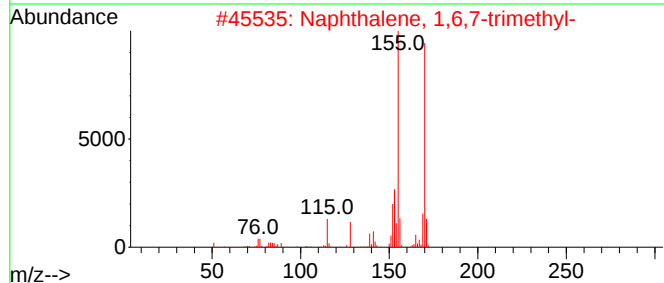
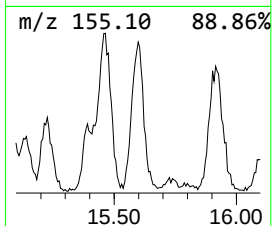
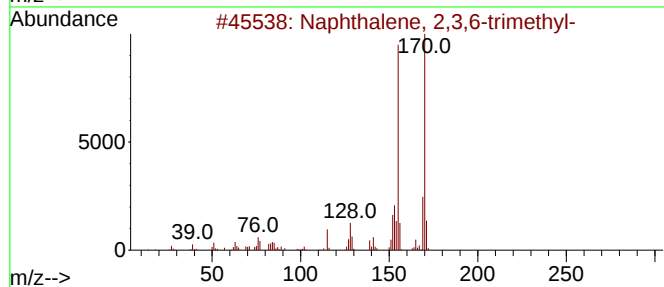
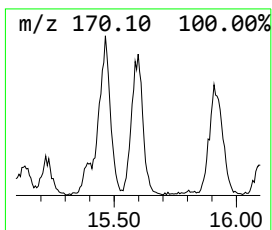
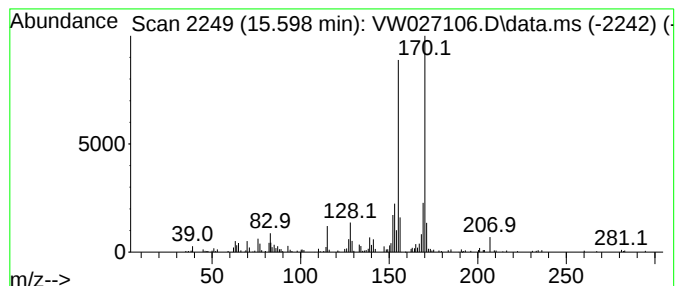
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.598	3.00 ug/L	275533	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027106.D
Acq On : 14 Sep 2023 16:39
Operator : SY/MD
Sample : VIBLK508
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

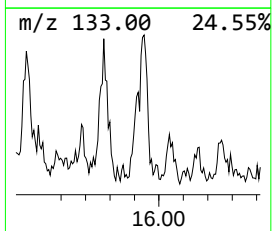
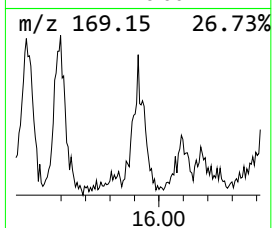
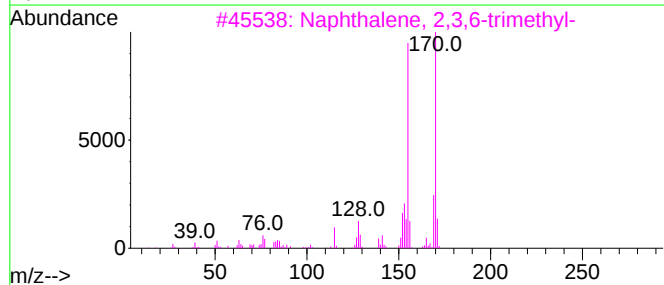
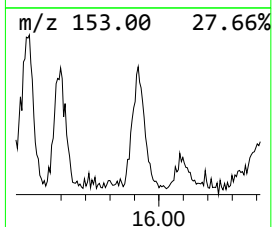
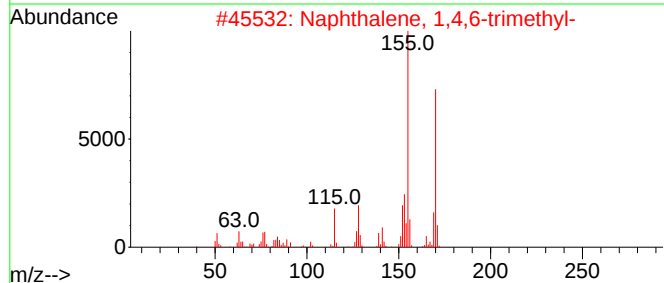
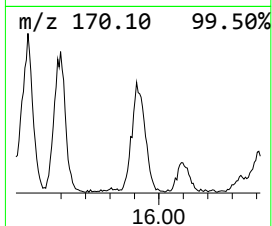
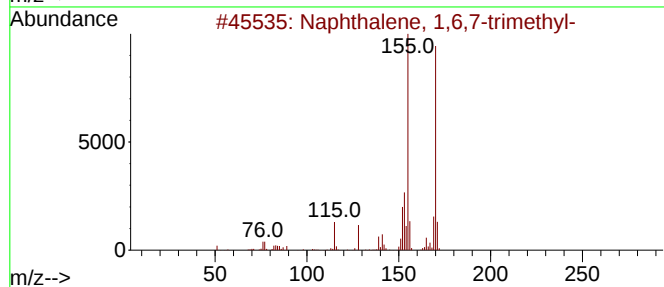
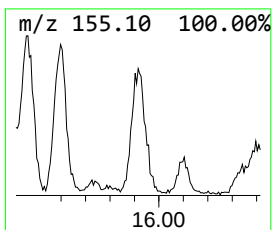
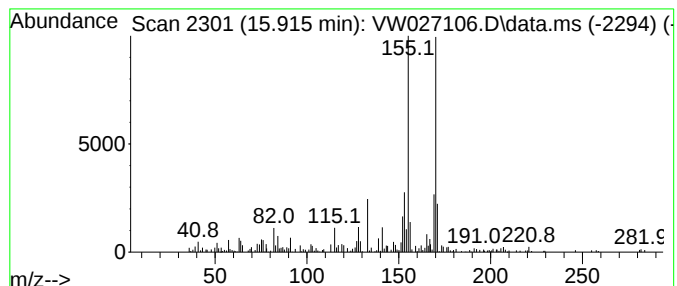
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Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 1,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	2.65 ug/L	243018	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027106.D
Acq On : 14 Sep 2023 16:39
Operator : SY/MD
Sample : VIBLK508
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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
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Naphthalene, 2,...	13.269	11.6	ug/L	1066300	3	13.556	2293300	25.0
Naphthalene, 2,...	13.416	10.1	ug/L	923751	3	13.556	2293300	25.0
Naphthalene, 2,...	15.062	2.7	ug/L	245271	3	13.556	2293300	25.0
unknown-01	15.202	2.3	ug/L	206476	3	13.556	2293300	25.0
Naphthalene, 1,...	15.464	4.2	ug/L	381748	3	13.556	2293300	25.0
Naphthalene, 1,...	15.598	3.0	ug/L	275533	3	13.556	2293300	25.0
Naphthalene, 1,...	15.915	2.6	ug/L	243018	3	13.556	2293300	25.0