

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027733.D
 Acq On : 18 Dec 2023 16:19
 Operator : SY/MD
 Sample : 05794-09
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BH3Q3

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\SFAMWLM121523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	73	77	82	rVB	6182	9387	2.90%	0.756%
2	2.790	146	148	150	rBV2	146	148	0.05%	0.012%
3	2.899	160	166	174	rBV2	4940	9355	2.89%	0.754%
4	2.960	174	176	178	rBV2	164	125	0.04%	0.010%
5	3.088	194	197	198	rBV2	249	259	0.08%	0.021%
6	3.241	220	222	224	rBV	151	129	0.04%	0.010%
7	3.527	268	269	274	rVB2	132	139	0.04%	0.011%
8	3.613	282	283	284	rBV	233	136	0.04%	0.011%
9	3.735	301	303	306	rVB2	213	182	0.06%	0.015%
10	3.765	306	308	310	rBV	243	163	0.05%	0.013%
11	3.869	324	325	327	rBV	169	156	0.05%	0.013%
12	3.887	327	328	329	rVV	222	129	0.04%	0.010%
13	3.936	334	336	339	rVV2	182	195	0.06%	0.016%
14	4.027	342	351	363	rVV	8620	23101	7.14%	1.861%
15	4.503	427	429	432	rVB2	173	178	0.06%	0.014%
16	4.631	448	450	452	rVB	204	137	0.04%	0.011%
17	4.661	452	455	456	rBV	161	119	0.04%	0.010%
18	4.686	457	459	463	rVB	188	168	0.05%	0.014%
19	4.722	463	465	466	rBV	125	133	0.04%	0.011%
20	4.777	471	474	475	rBV2	120	123	0.04%	0.010%
21	4.820	479	481	483	rBV	124	115	0.04%	0.009%
22	4.856	485	487	490	rVB2	177	184	0.06%	0.015%
23	4.905	493	495	498	rBV3	456	756	0.23%	0.061%
24	5.106	526	528	530	rVB2	194	161	0.05%	0.013%
25	5.624	610	613	614	rBV2	173	161	0.05%	0.013%
26	5.935	663	664	666	rVB	276	161	0.05%	0.013%
27	5.960	666	668	670	rBV	161	182	0.06%	0.015%
28	6.015	675	677	680	rVV2	188	175	0.05%	0.014%
29	6.191	704	706	709	rVB2	120	130	0.04%	0.010%
30	6.228	709	712	713	rBV	158	132	0.04%	0.011%
31	6.265	715	718	722	rBV2	140	195	0.06%	0.016%
32	6.490	753	755	757	rBV2	154	154	0.05%	0.012%
33	6.508	757	758	760	rVV	180	145	0.04%	0.012%
34	6.960	831	832	835	rVB2	165	139	0.04%	0.011%
35	6.984	835	836	840	rBV2	135	173	0.05%	0.014%
36	7.039	842	845	846	rBV2	127	120	0.04%	0.010%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Title : SFAM01.0

37	7.118	850	858	861	rBV3	780	2097	0.65%	0.169%
38	7.203	871	872	874	rVB	233	116	0.04%	0.009%
39	7.252	877	880	882	rVV2	168	159	0.05%	0.013%
40	7.313	887	890	892	rBV2	136	139	0.04%	0.011%
41	7.581	931	934	936	rBV2	102	138	0.04%	0.011%
42	7.655	936	946	957	rVB2	9322	23574	7.29%	1.899%
43	7.740	957	960	961	rBV	145	134	0.04%	0.011%
44	7.911	986	988	993	rBV2	177	225	0.07%	0.018%
45	8.033	1005	1008	1009	rBV	303	199	0.06%	0.016%
46	8.051	1009	1011	1013	rVV2	255	229	0.07%	0.018%
47	8.069	1013	1014	1016	rVV	239	153	0.05%	0.012%
48	8.106	1018	1020	1023	rVV2	147	191	0.06%	0.015%
49	8.179	1029	1032	1033	rVB2	207	195	0.06%	0.016%
50	8.197	1033	1035	1037	rBV2	179	168	0.05%	0.014%
51	8.276	1040	1048	1063	rVB3	19427	54143	16.74%	4.361%
52	8.423	1071	1072	1075	rVB	190	158	0.05%	0.013%
53	8.551	1091	1093	1097	rBV2	152	251	0.08%	0.020%
54	8.593	1097	1100	1102	rBV2	304	285	0.09%	0.023%
55	8.709	1116	1119	1121	rVB	132	123	0.04%	0.010%
56	8.770	1127	1129	1130	rBV	133	130	0.04%	0.010%
57	8.843	1133	1141	1148	rBV2	18188	36801	11.38%	2.964%
58	9.051	1173	1175	1177	rBV2	170	151	0.05%	0.012%
59	9.075	1177	1179	1181	rBV	197	166	0.05%	0.013%
60	9.106	1181	1184	1185	rBV	205	194	0.06%	0.016%
61	9.203	1196	1200	1202	rBV2	206	325	0.10%	0.026%
62	9.276	1205	1212	1220	rVB2	11605	24483	7.57%	1.972%
63	9.660	1274	1275	1277	rBV	215	141	0.04%	0.011%
64	9.825	1299	1302	1305	rVV2	140	135	0.04%	0.011%
65	9.910	1315	1316	1320	rVB2	144	159	0.05%	0.013%
66	9.941	1320	1321	1326	rBV2	158	216	0.07%	0.017%
67	9.996	1326	1330	1331	rBV2	109	125	0.04%	0.010%
68	10.032	1331	1336	1345	rVB2	4128	7901	2.44%	0.636%
69	10.191	1361	1362	1365	rBV	204	186	0.06%	0.015%
70	10.227	1365	1368	1370	rBV	218	167	0.05%	0.013%
71	10.319	1376	1383	1394	rBV	23145	43079	13.32%	3.470%
72	10.514	1414	1415	1418	rVB2	197	177	0.05%	0.014%
73	10.575	1418	1425	1434	rBV2	1799	3552	1.10%	0.286%
74	10.697	1439	1445	1453	rVB3	680	1436	0.44%	0.116%
75	10.758	1453	1455	1457	rVB	188	120	0.04%	0.010%
76	10.892	1475	1477	1478	rBV	298	301	0.09%	0.024%

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 Title : SFAM01.0

77	11.569	1586	1588	1591	rBV2	231	307	0.09%	0.025%
78	11.629	1592	1598	1610	rVB	21033	37620	11.63%	3.030%
79	11.715	1610	1612	1617	rBV2	222	239	0.07%	0.019%
80	12.026	1662	1663	1666	rBV2	199	144	0.04%	0.012%
81	12.160	1682	1685	1686	rBV	212	225	0.07%	0.018%
82	12.184	1686	1689	1690	rBV	279	309	0.10%	0.025%
83	12.690	1767	1772	1777	rBV2	6548	11663	3.61%	0.939%
84	13.129	1840	1844	1845	rBV2	533	505	0.16%	0.041%
85	13.147	1845	1847	1848	rBV2	474	385	0.12%	0.031%
86	13.276	1850	1868	1880	rBV3	75088	323466	100.00%	26.055%
87	13.556	1908	1914	1923	rBV	12597	22247	6.88%	1.792%
88	13.678	1932	1934	1935	rBV	193	146	0.05%	0.012%
89	13.757	1943	1947	1951	rBV3	942	2059	0.64%	0.166%
90	14.214	2015	2022	2023	rBV2	878	1465	0.45%	0.118%
91	14.275	2023	2032	2046	rVB3	10039	34980	10.81%	2.818%
92	14.409	2052	2054	2057	rVB	912	875	0.27%	0.070%
93	14.458	2058	2062	2063	rBV3	1326	1531	0.47%	0.123%
94	14.678	2096	2098	2099	rBV	706	478	0.15%	0.039%
95	14.940	2130	2141	2151	rVB3	78366	240720	74.42%	19.390%
96	15.318	2195	2203	2204	rBV2	10360	20221	6.25%	1.629%
97	15.354	2205	2209	2221	rVB	72169	140283	43.37%	11.300%
98	15.623	2240	2253	2267	rBV2	26836	97122	30.03%	7.823%
99	16.433	2380	2386	2395	rVB2	15526	34139	10.55%	2.750%
100	16.641	2413	2420	2426	rVB2	8864	20168	6.23%	1.625%

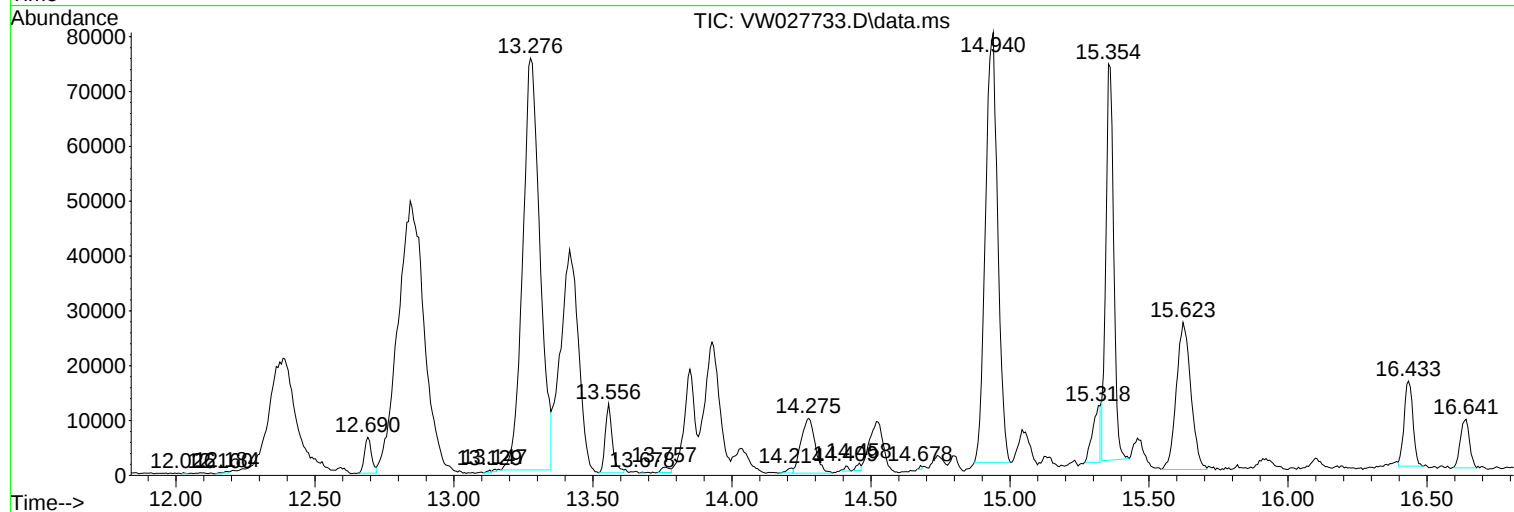
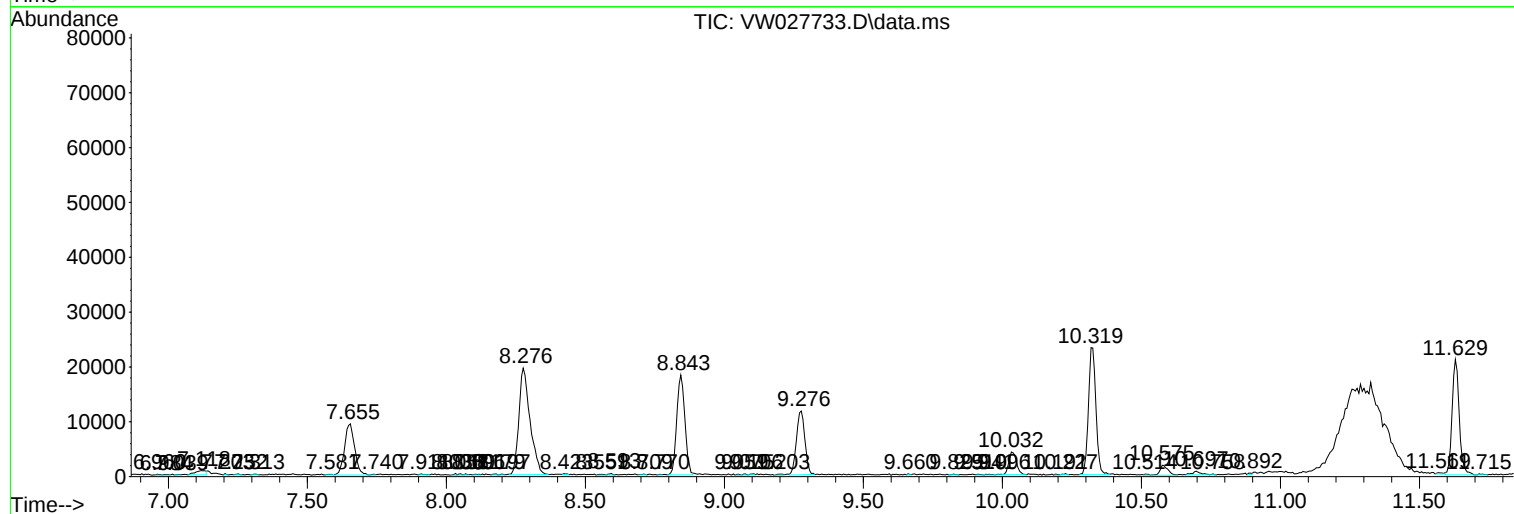
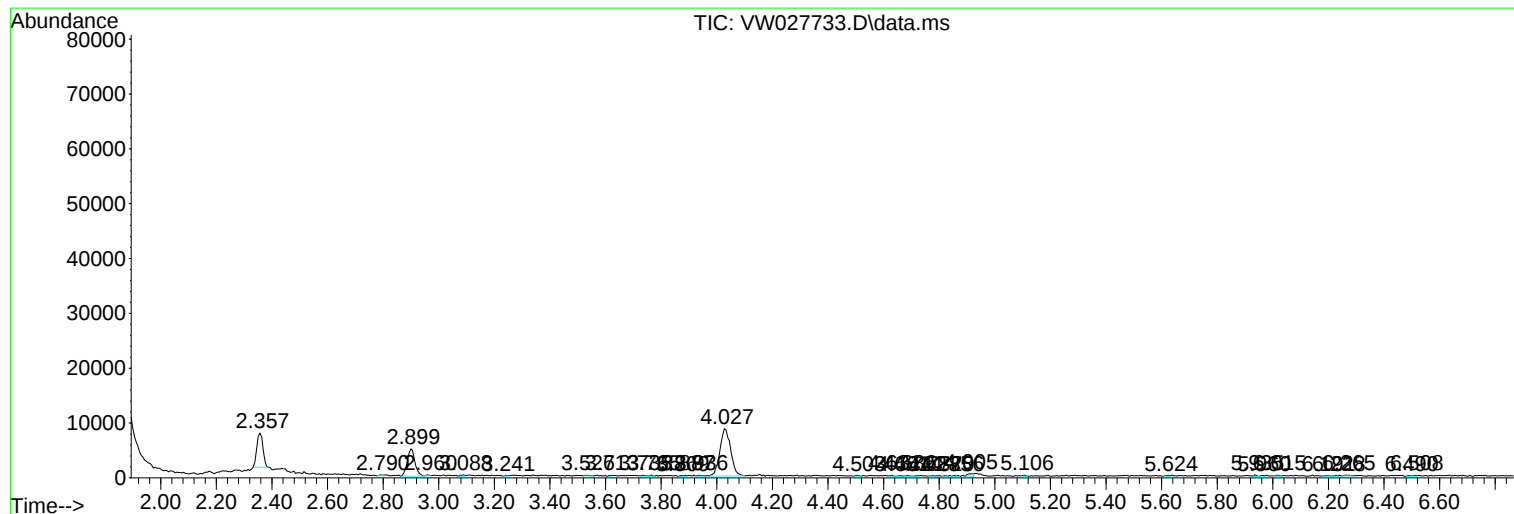
Sum of corrected areas: 1241464

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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



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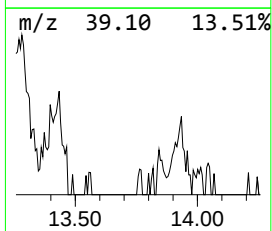
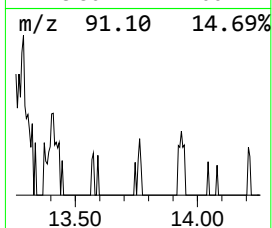
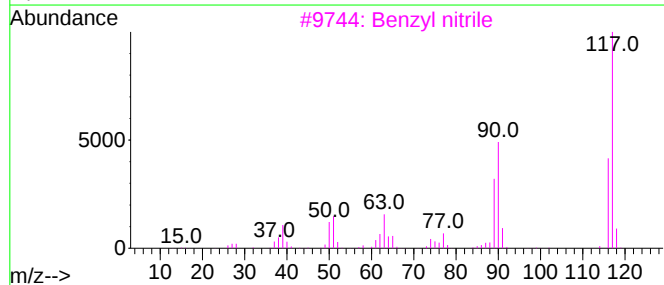
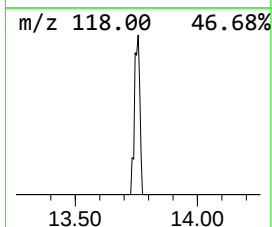
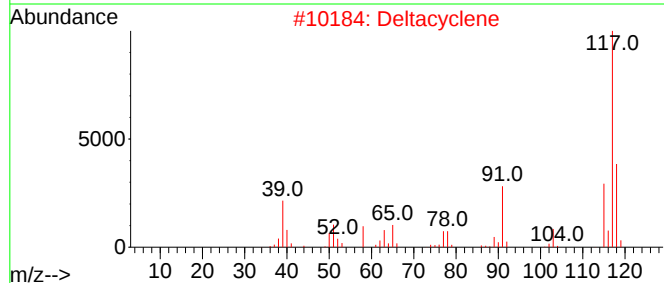
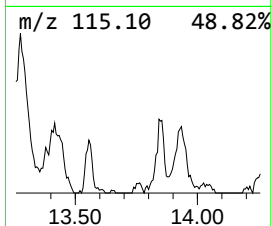
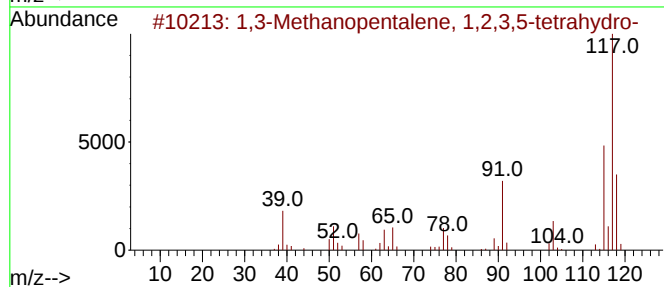
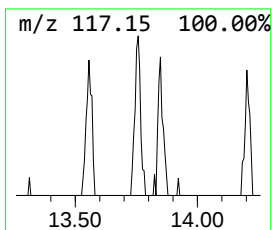
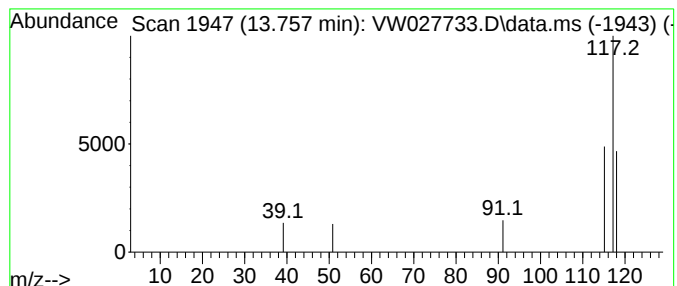
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	2.31 ug/L	2059	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	9
2		Deltacyclene	118	C9H10	007785-10-6	9
3		Benzyl nitrile	117	C8H7N	000140-29-4	7
4		Benzyl nitrile	117	C8H7N	000140-29-4	7
5		Benzyl nitrile	117	C8H7N	000140-29-4	7



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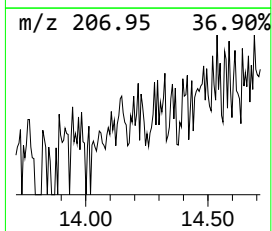
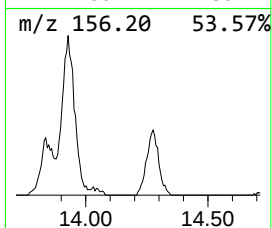
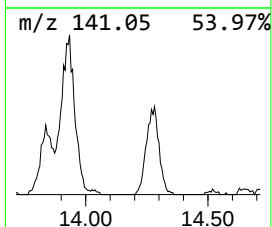
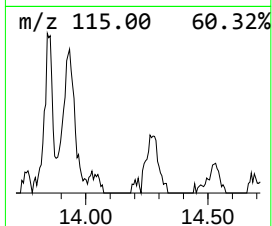
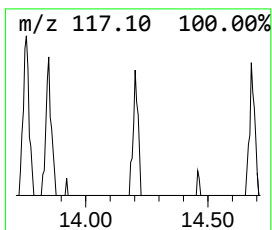
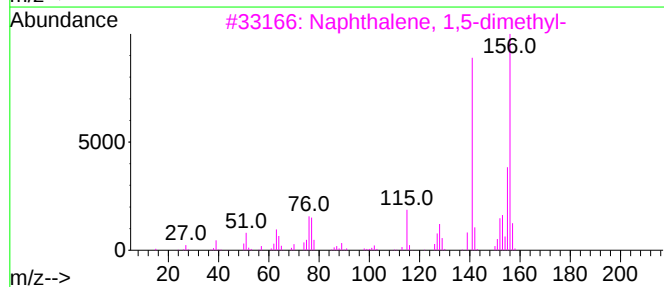
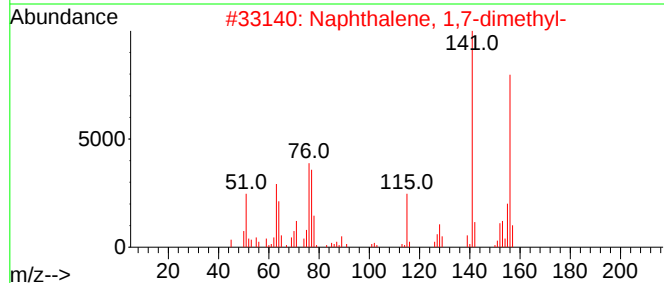
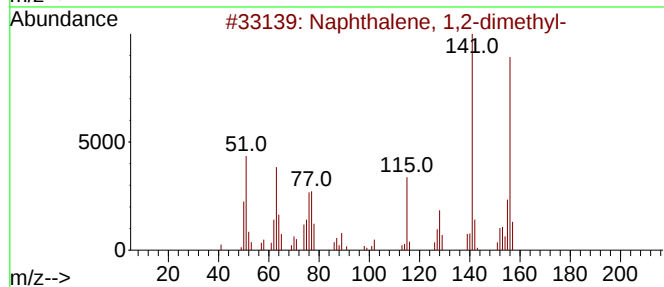
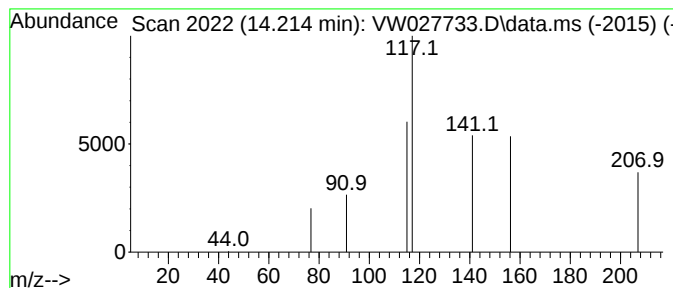
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	1.65 ug/L	1465	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	16
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	16
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	7
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	7
5			1-Ethyl-4,4-dimethyl-2,5-dioxoim...	156	C7H12N2O2	037021-15-1	7



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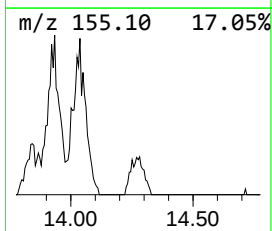
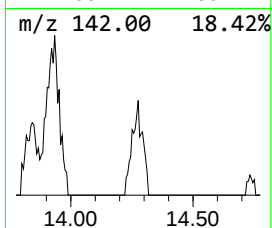
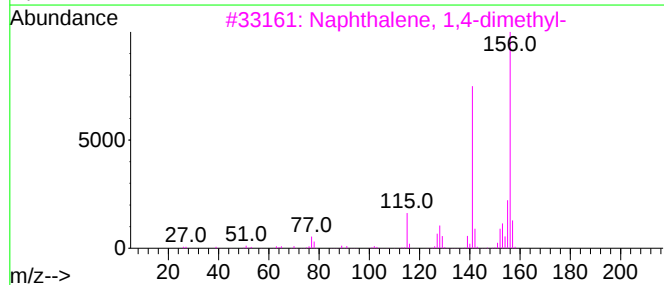
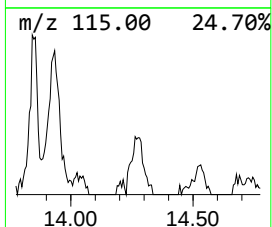
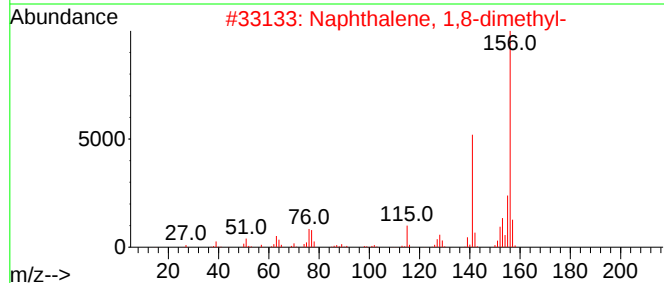
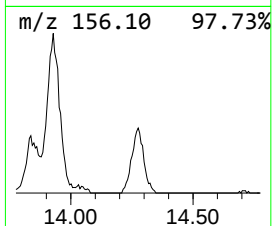
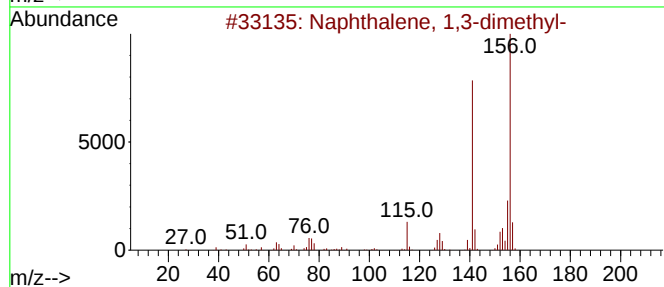
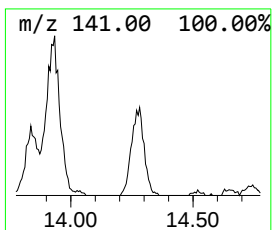
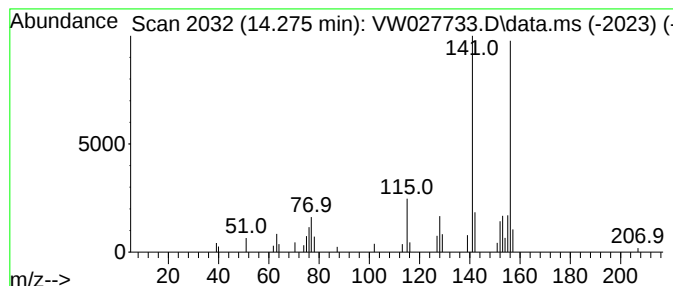
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.275	39.31 ug/L	34980	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027733.D
Acq On : 18 Dec 2023 16:19
Operator : SY/MD
Sample : 05794-09
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q3

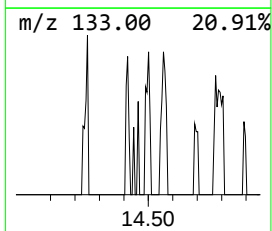
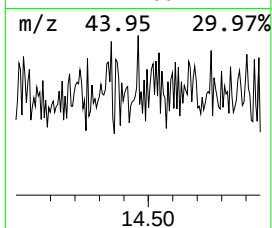
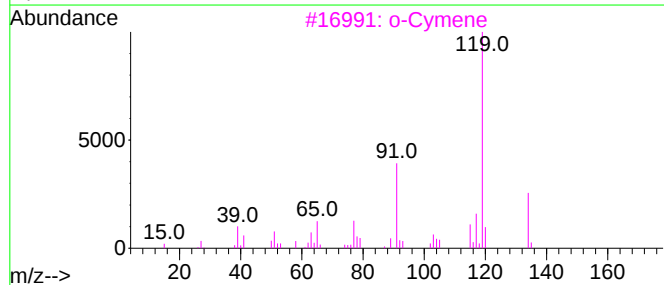
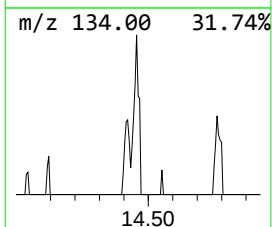
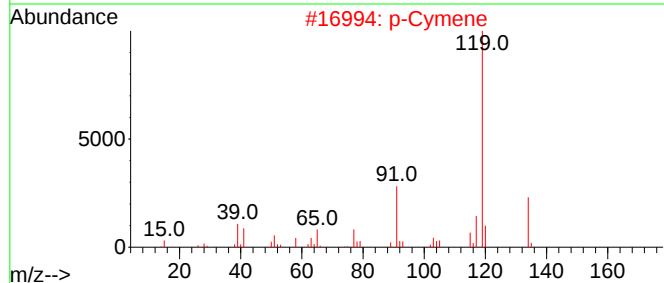
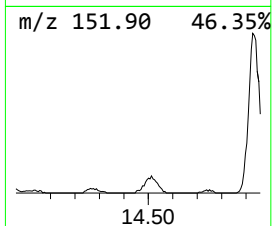
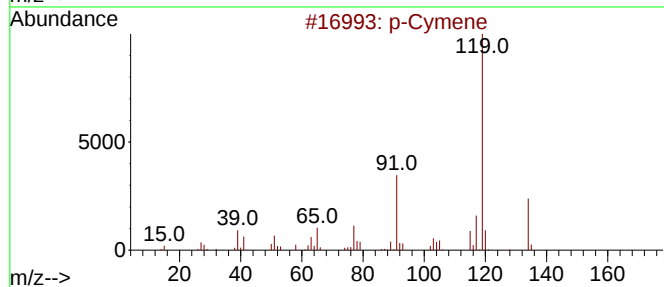
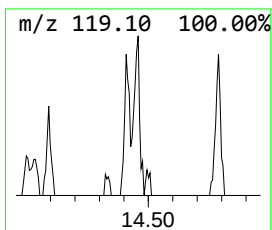
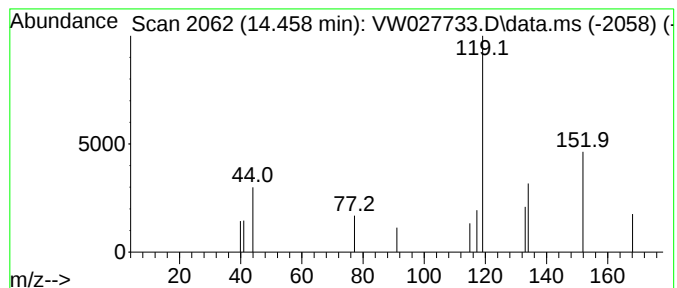
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Quant Title : SFAM01.0

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

Peak Number 5 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.458	1.72 ug/L	1531	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	47
2			p-Cymene	134	C10H14	000099-87-6	47
3			o-Cymene	134	C10H14	000527-84-4	38
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027733.D
Acq On : 18 Dec 2023 16:19
Operator : SY/MD
Sample : 05794-09
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q3

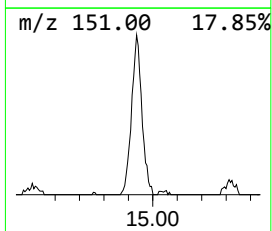
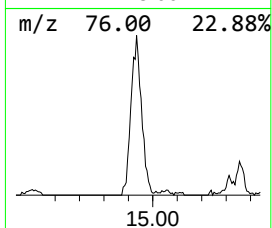
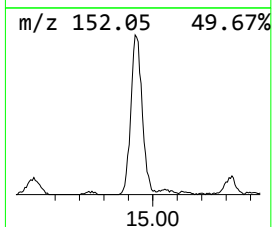
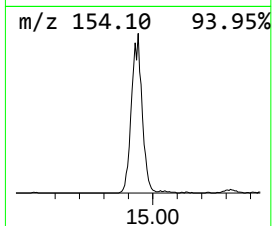
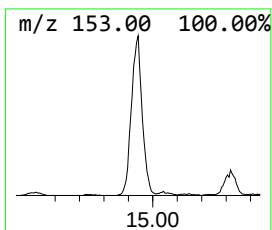
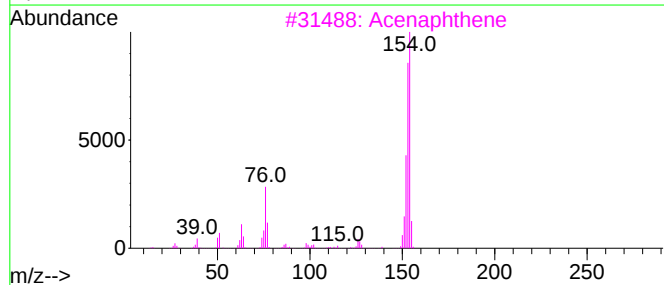
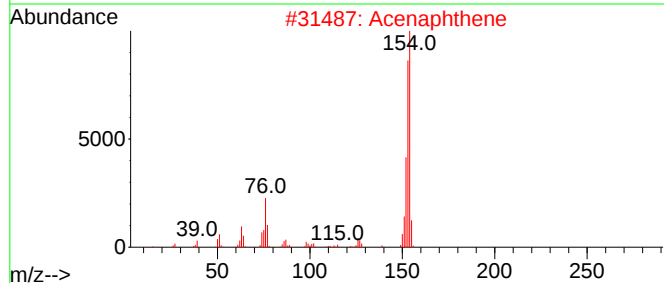
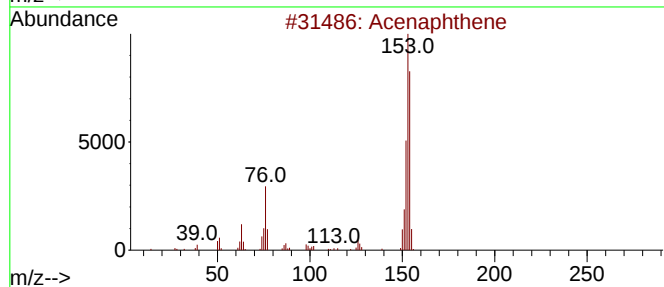
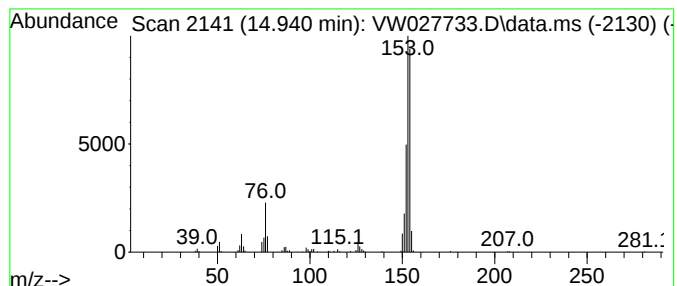
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Quant Title : SFAM01.0

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

Peak Number 6 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	270.51 ug/L	240720	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	89
2			Acenaphthene	154	C12H10	000083-32-9	74
3			Acenaphthene	154	C12H10	000083-32-9	64
4			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5			Acenaphthene	154	C12H10	000083-32-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027733.D
Acq On : 18 Dec 2023 16:19
Operator : SY/MD
Sample : 05794-09
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q3

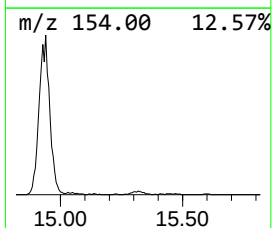
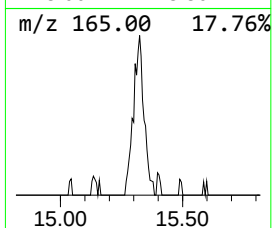
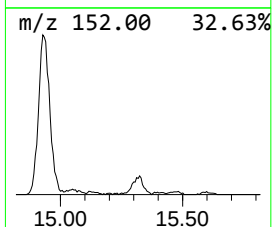
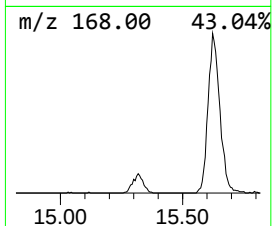
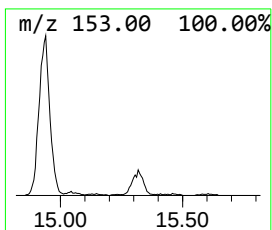
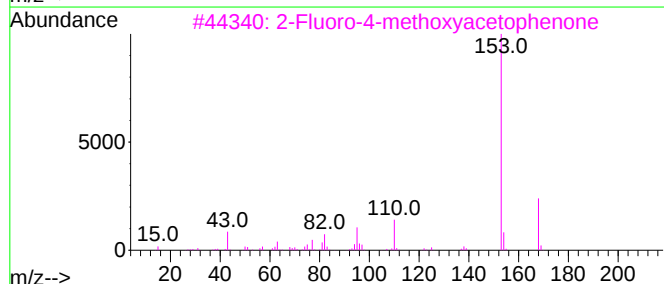
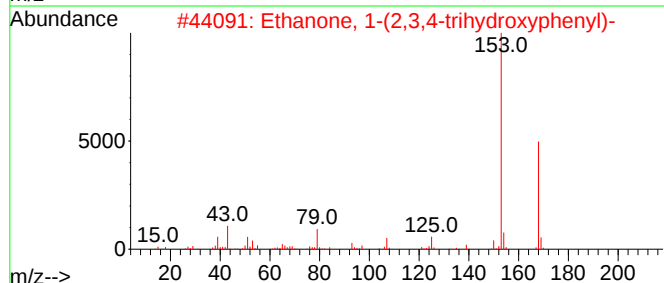
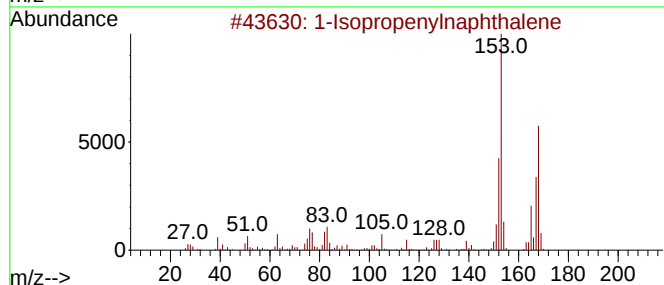
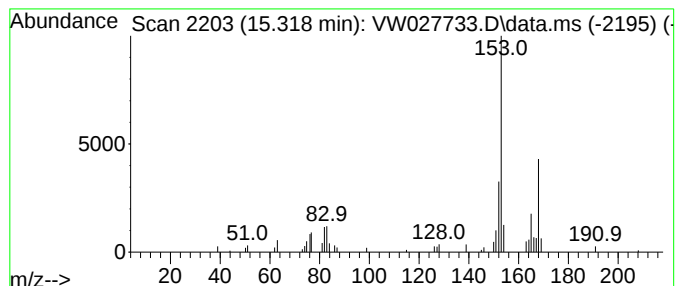
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Quant Title : SFAM01.0

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

Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	22.72 ug/L	20221	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
2			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
3			2-Fluoro-4-methoxyacetophenone	168	C9H9F02	074457-86-6	53
4			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
5			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027733.D
Acq On : 18 Dec 2023 16:19
Operator : SY/MD
Sample : 05794-09
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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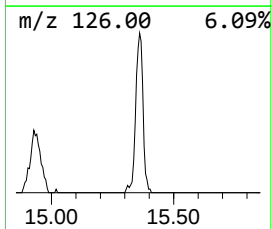
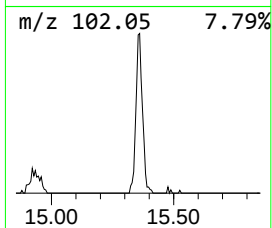
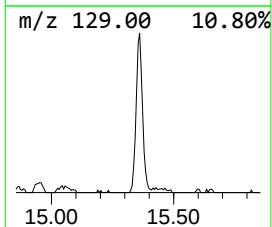
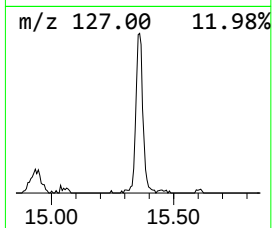
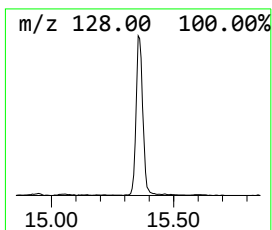
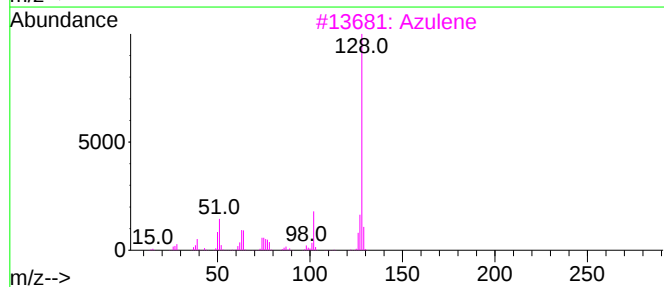
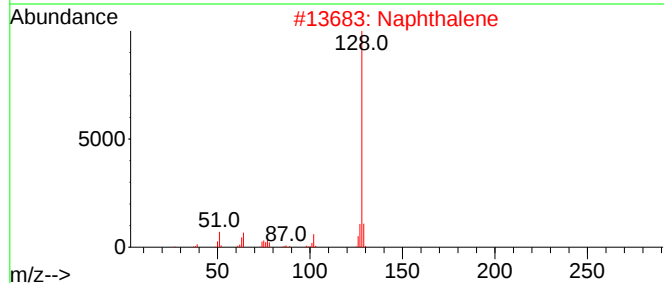
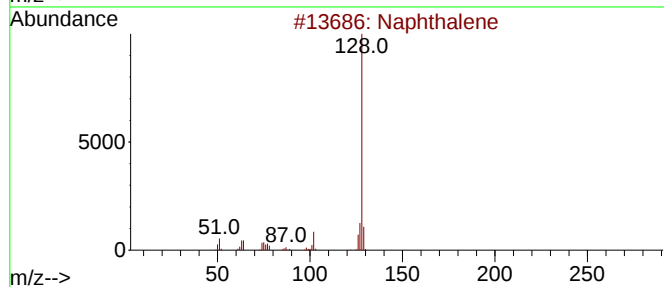
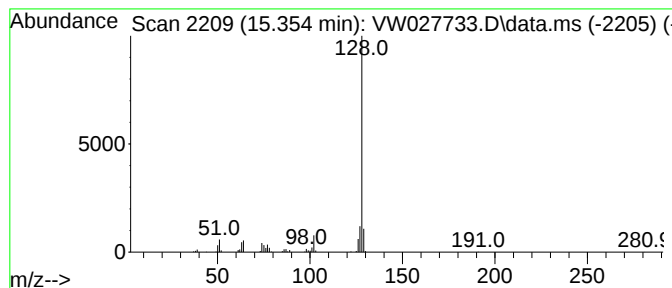
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Quant Title : SFAM01.0

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

Peak Number 8 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.354	157.64 ug/L	140283	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene			128	C10H8	000091-20-3	95
2	Naphthalene			128	C10H8	000091-20-3	93
3	Azulene			128	C10H8	000275-51-4	91
4	Azulene			128	C10H8	000275-51-4	90
5	Azulene			128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027733.D
Acq On : 18 Dec 2023 16:19
Operator : SY/MD
Sample : 05794-09
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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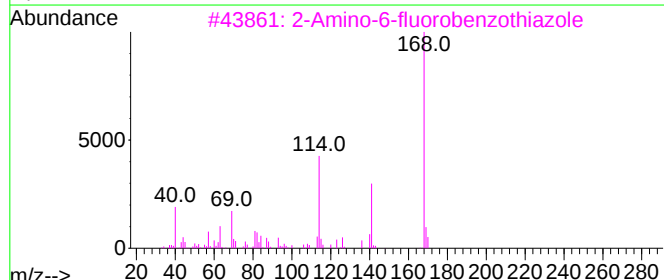
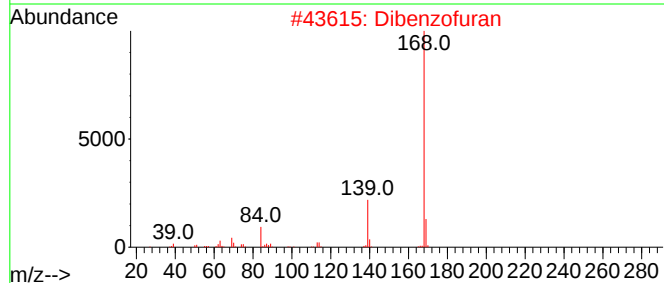
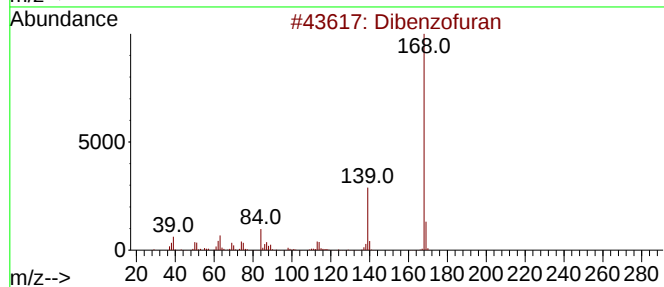
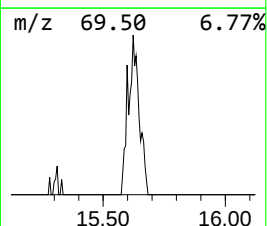
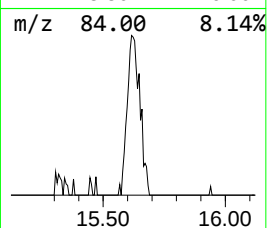
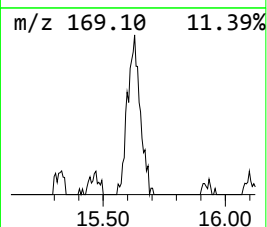
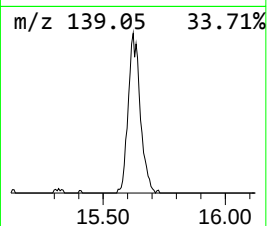
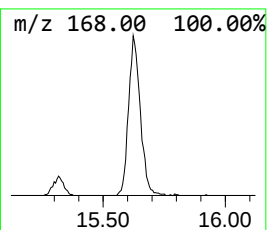
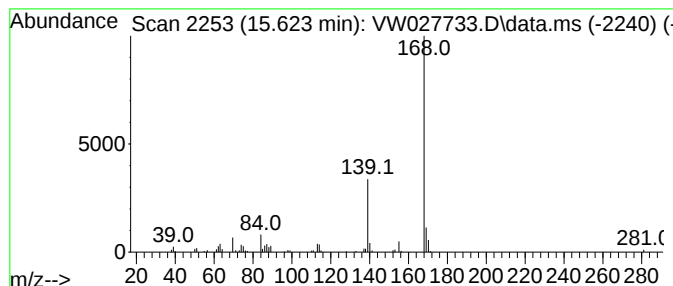
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Quant Title : SFAM01.0

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

Peak Number 9 2-Amino-6-fluorobenzothiazole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	109.14 ug/L	97122	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	93
2			Dibenzofuran	168	C12H8O	000132-64-9	72
3			2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	58
4			Tioxolone	168	C7H4O3S	004991-65-5	53
5			1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027733.D
Acq On : 18 Dec 2023 16:19
Operator : SY/MD
Sample : 05794-09
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q3

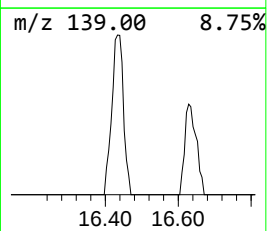
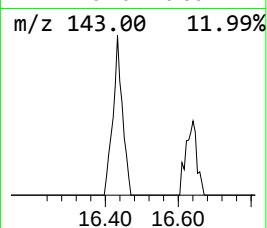
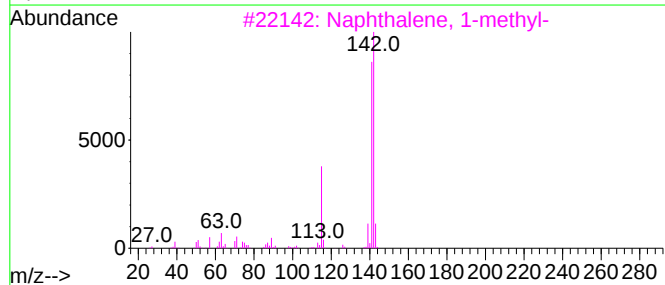
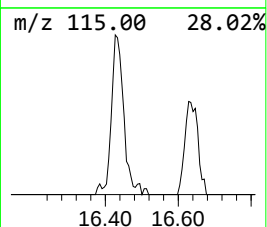
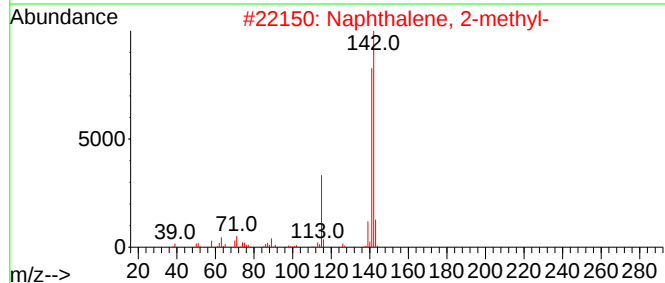
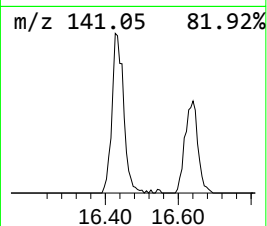
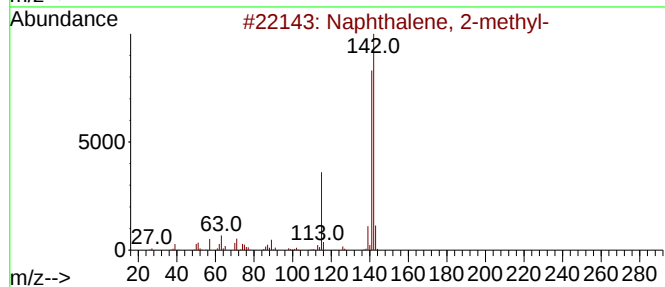
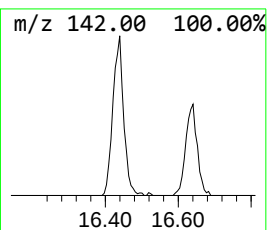
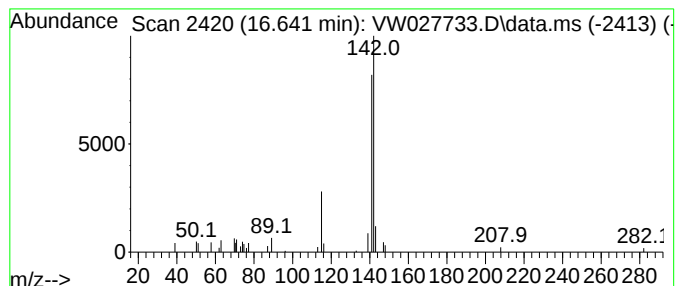
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Quant Title : SFAM01.0

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

Peak Number 11 Benzocycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.641	22.66 ug/L	20168	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027733.D
Acq On : 18 Dec 2023 16:19
Operator : SY/MD
Sample : 05794-09
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH3Q3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

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					#	RT	Resp	Conc
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unknown-02	14.214	1.6	ug/L	1465	3	13.556	22247	25.0
Naphthalene, 1,...	14.275	39.3	ug/L	34980	3	13.556	22247	25.0
unknown-03	14.458	1.7	ug/L	1531	3	13.556	22247	25.0
Hexa-2,4-diyne-1...	14.940	270.5	ug/L	240720	3	13.556	22247	25.0
1-Isopropenylna...	15.318	22.7	ug/L	20221	3	13.556	22247	25.0
Azulene	15.354	157.6	ug/L	140283	3	13.556	22247	25.0
2-Amino-6-fluor...	15.623	109.1	ug/L	97122	3	13.556	22247	25.0
Benzocyclohepta...	16.641	22.7	ug/L	20168	3	13.556	22247	25.0