

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021023.D
 Acq On : 02 Dec 2021 04:40
 Operator : SY/VA
 Sample : M4881-11
 Misc : 5.74g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9E7

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\SFAMWLM111521SMA.M
 Title : SFAM01.0

Signal : TIC: VW021023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	82	rVB	17488	28354	8.95%	1.195%
2	2.885	155	161	171	rVB	10434	22298	7.04%	0.940%
3	3.379	239	242	245	rBV2	385	700	0.22%	0.030%
4	3.532	265	267	269	rBV	177	154	0.05%	0.006%
5	4.019	336	347	359	rBV	24150	68795	21.72%	2.900%
6	4.135	359	366	375	rVB2	867	2307	0.73%	0.097%
7	4.397	401	409	420	rVB3	1927	5393	1.70%	0.227%
8	4.787	471	473	475	rBV	163	196	0.06%	0.008%
9	4.830	478	480	483	rVV	151	181	0.06%	0.008%
10	4.915	485	494	506	rVB2	6778	22329	7.05%	0.941%
11	5.153	530	533	535	rBV	162	206	0.07%	0.009%
12	5.324	559	561	564	rVB	158	142	0.04%	0.006%
13	5.379	564	570	571	rBB	141	200	0.06%	0.008%
14	5.763	631	633	639	rVB2	153	277	0.09%	0.012%
15	5.940	656	662	668	rVB4	533	1344	0.42%	0.057%
16	5.988	668	670	673	rBB2	139	169	0.05%	0.007%
17	6.080	683	685	687	rBV	188	178	0.06%	0.008%
18	6.263	713	715	718	rVB	131	146	0.05%	0.006%
19	6.366	730	732	735	rVB	167	155	0.05%	0.007%
20	6.537	757	760	762	rBV	114	162	0.05%	0.007%
21	6.677	781	783	787	rBV2	150	230	0.07%	0.010%
22	6.805	800	804	805	rBV	120	141	0.04%	0.006%
23	6.921	820	823	828	rVB	219	326	0.10%	0.014%
24	6.988	831	834	835	rBV	139	187	0.06%	0.008%
25	7.080	840	849	853	rBV	7954	20058	6.33%	0.845%
26	7.397	898	901	904	rVB2	221	241	0.08%	0.010%
27	7.439	905	908	911	rBV2	127	172	0.05%	0.007%
28	7.653	933	943	953	rVB	49992	120390	38.02%	5.074%
29	7.958	989	993	998	rVB3	391	696	0.22%	0.029%
30	8.159	1023	1026	1029	rBV	141	173	0.05%	0.007%
31	8.275	1034	1045	1060	rBV4	89524	316683	100.00%	13.348%
32	8.842	1130	1138	1148	rBV2	111660	224723	70.96%	9.472%
33	8.957	1154	1157	1159	rBV	95	146	0.05%	0.006%
34	9.085	1173	1178	1182	rBV3	781	1394	0.44%	0.059%
35	9.183	1191	1194	1197	rBV	93	157	0.05%	0.007%
36	9.274	1200	1209	1217	rBV	65534	133274	42.08%	5.617%

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 Title : SFAM01.0

37	9.658	1267	1272	1279	rBV	350	661	0.21%	0.028%
38	9.890	1307	1310	1314	rVB3	471	573	0.18%	0.024%
39	9.969	1319	1323	1327	rBV2	222	285	0.09%	0.012%
40	10.036	1327	1334	1345	rBV	30793	54475	17.20%	2.296%
41	10.171	1353	1356	1357	rBV	144	161	0.05%	0.007%
42	10.213	1359	1363	1366	rBV3	631	1044	0.33%	0.044%
43	10.323	1373	1381	1388	rBV	119750	205200	64.80%	8.649%
44	10.390	1388	1392	1398	rVB	10876	17988	5.68%	0.758%
45	10.579	1417	1423	1431	rBV	16848	29123	9.20%	1.227%
46	10.701	1437	1443	1450	rBV	22855	38723	12.23%	1.632%
47	10.841	1464	1466	1467	rBV	155	150	0.05%	0.006%
48	10.853	1467	1468	1473	rVB2	259	255	0.08%	0.011%
49	10.920	1473	1479	1491	rBV	30808	53643	16.94%	2.261%
50	11.061	1497	1502	1510	rBV2	9953	16727	5.28%	0.705%
51	11.177	1517	1521	1525	rVV	582	799	0.25%	0.034%
52	11.439	1557	1564	1571	rVB2	23348	36627	11.57%	1.544%
53	11.634	1588	1596	1605	rVB	135117	232306	73.36%	9.791%
54	11.731	1607	1612	1620	rVV	1368	2171	0.69%	0.092%
55	11.835	1623	1629	1636	rVV	7447	13242	4.18%	0.558%
56	12.036	1661	1662	1665	rBV	151	139	0.04%	0.006%
57	12.170	1678	1684	1688	rVV	2159	3315	1.05%	0.140%
58	12.463	1729	1732	1738	rVB4	919	1254	0.40%	0.053%
59	12.603	1749	1755	1762	rVV	72633	112002	35.37%	4.721%
60	12.688	1763	1769	1777	rVV	48617	79688	25.16%	3.359%
61	12.762	1777	1781	1782	rVV	170	219	0.07%	0.009%
62	12.774	1782	1783	1785	rVV2	220	174	0.05%	0.007%
63	12.804	1785	1788	1794	rVV2	265	396	0.13%	0.017%
64	12.890	1794	1802	1806	rVV2	1666	3775	1.19%	0.159%
65	12.932	1806	1809	1815	rVB4	2556	4582	1.45%	0.193%
66	13.030	1823	1825	1829	rBV	221	211	0.07%	0.009%
67	13.073	1829	1832	1835	rBV3	295	363	0.11%	0.015%
68	13.103	1835	1837	1842	rVB	415	409	0.13%	0.017%
69	13.188	1842	1851	1855	rVB5	647	1346	0.43%	0.057%
70	13.249	1857	1861	1864	rBV	3175	4704	1.49%	0.198%
71	13.292	1864	1868	1874	rVB2	8116	13032	4.12%	0.549%
72	13.408	1879	1887	1890	rBV5	1321	2487	0.79%	0.105%
73	13.438	1890	1892	1894	rVV	345	356	0.11%	0.015%
74	13.475	1894	1898	1905	rVV3	2089	3896	1.23%	0.164%
75	13.554	1905	1911	1922	rVV	90080	151506	47.84%	6.386%
76	13.646	1922	1926	1932	rVB2	3066	4763	1.50%	0.201%

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77	13.755	1939	1944	1948	rBV4	2588	4578	1.45%	0.193%
78	13.853	1953	1960	1967	rVV	78346	127555	40.28%	5.376%
79	13.938	1970	1974	1980	rVB3	2056	3672	1.16%	0.155%
80	14.011	1982	1986	1988	rBV3	487	758	0.24%	0.032%
81	14.066	1988	1995	2004	rVB2	15096	25798	8.15%	1.087%
82	14.206	2012	2018	2024	rBV2	4448	6952	2.20%	0.293%
83	14.304	2030	2034	2035	rBV3	302	393	0.12%	0.017%
84	14.456	2056	2059	2062	rBV	4025	5370	1.70%	0.226%
85	14.633	2086	2088	2091	rBV3	174	205	0.06%	0.009%
86	14.682	2091	2096	2100	rVV3	2641	4456	1.41%	0.188%
87	14.719	2100	2102	2108	rVB3	2359	2967	0.94%	0.125%
88	14.798	2108	2115	2122	rBV3	7907	17606	5.56%	0.742%
89	14.865	2122	2126	2132	rVV2	2550	3793	1.20%	0.160%
90	14.950	2135	2140	2148	rVV	8736	13507	4.27%	0.569%
91	15.060	2153	2158	2167	rVB3	2866	6181	1.95%	0.261%
92	15.279	2189	2194	2198	rBV3	4504	8591	2.71%	0.362%
93	15.359	2202	2207	2214	rVB	9901	17308	5.47%	0.730%
94	15.432	2215	2219	2224	rBV3	5551	10629	3.36%	0.448%
95	15.645	2251	2254	2260	rBV3	1014	1755	0.55%	0.074%
96	15.724	2265	2267	2269	rBV2	332	368	0.12%	0.016%
97	15.956	2300	2305	2307	rBV4	1037	1571	0.50%	0.066%
98	16.334	2364	2367	2368	rBV	633	636	0.20%	0.027%
99	16.432	2379	2383	2392	rVB5	1749	3726	1.18%	0.157%
100	16.639	2409	2417	2427	rVB2	17421	38725	12.23%	1.632%

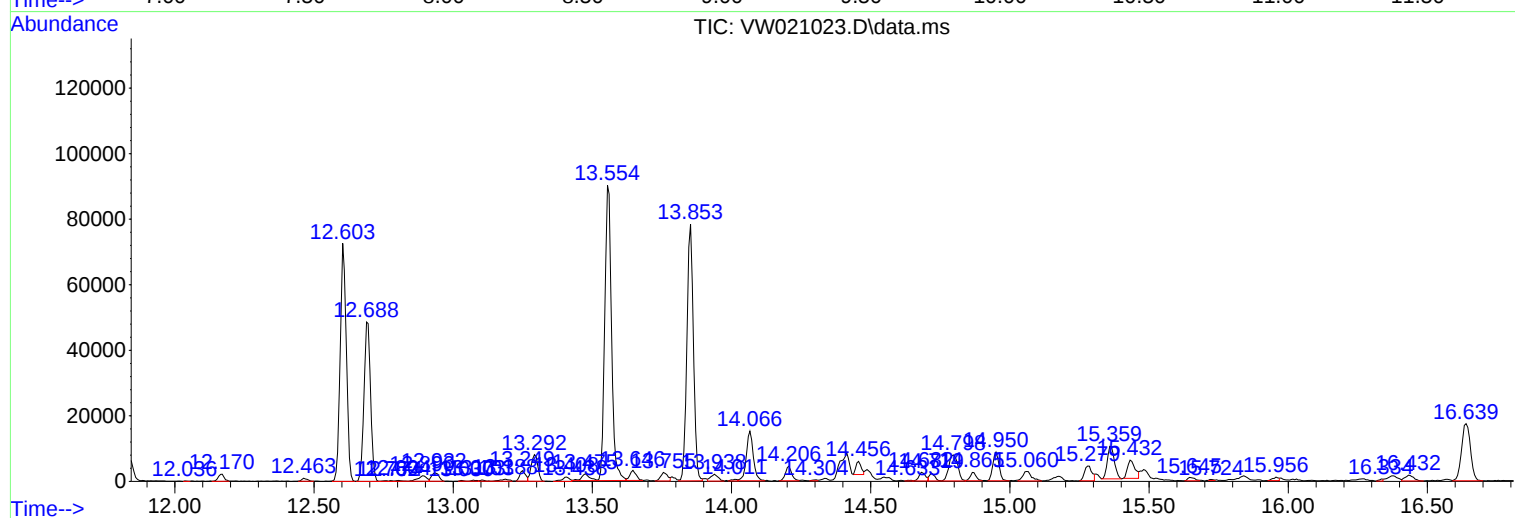
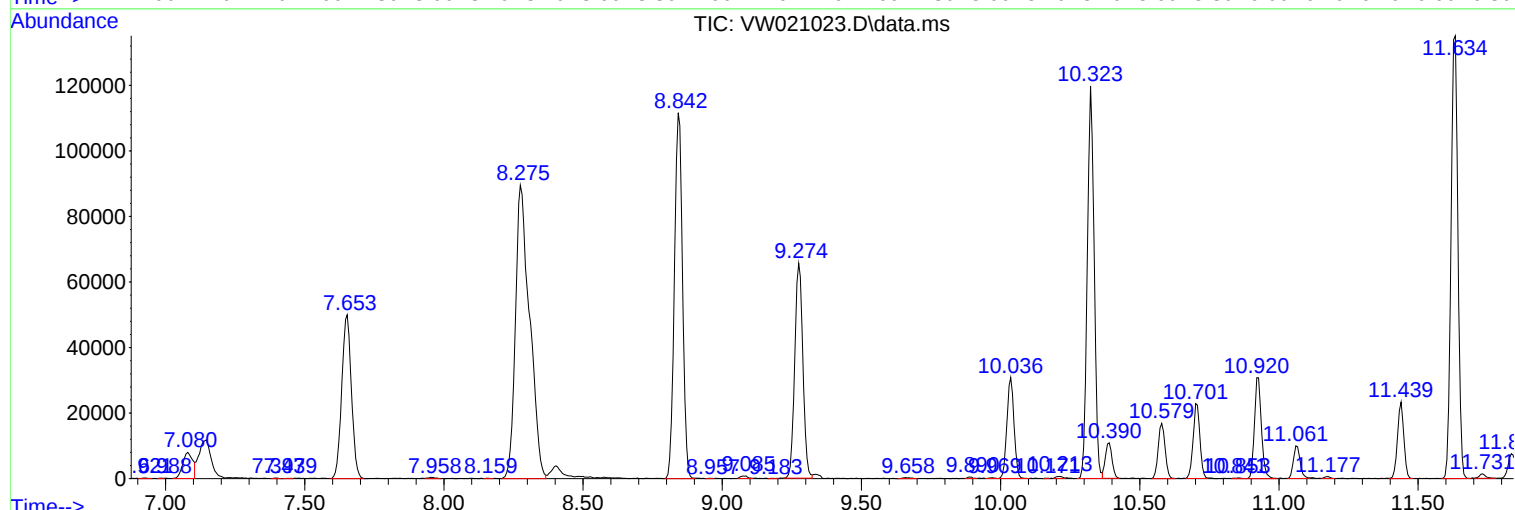
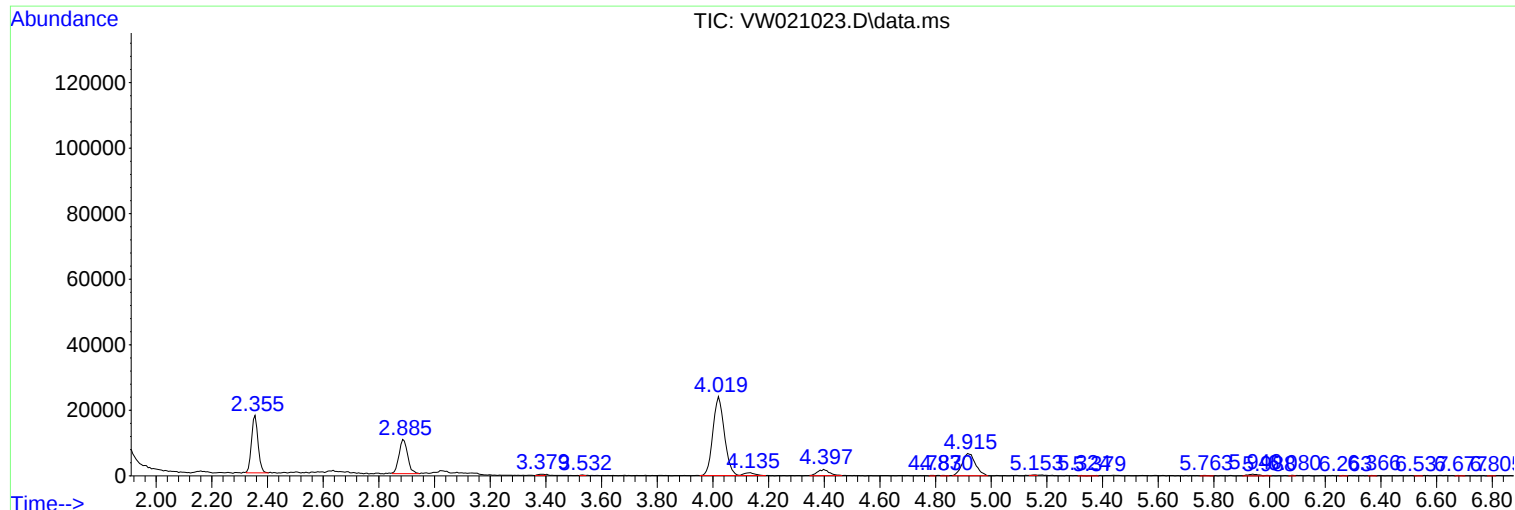
Sum of corrected areas: 2372547

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



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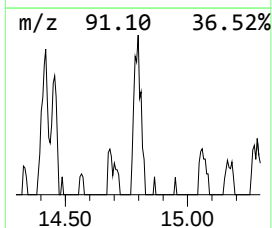
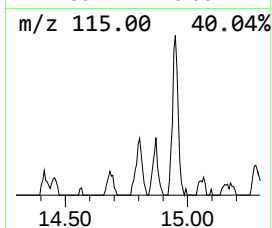
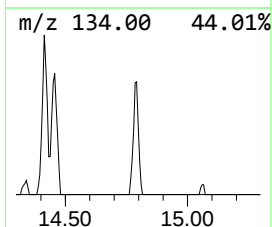
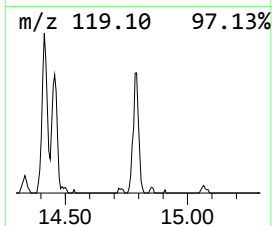
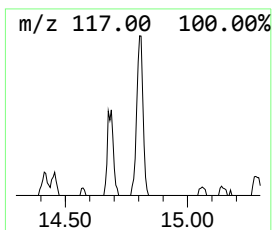
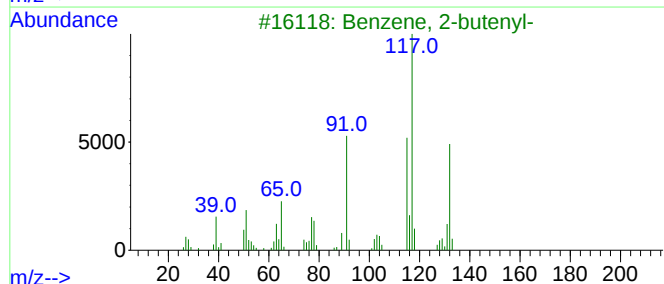
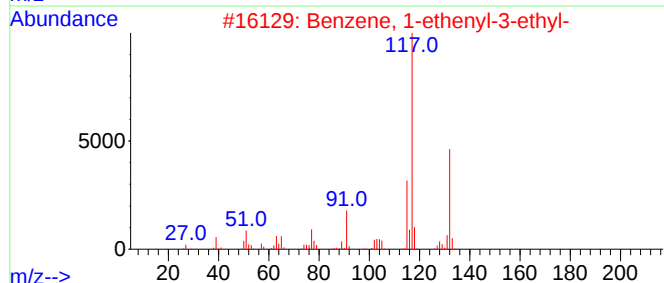
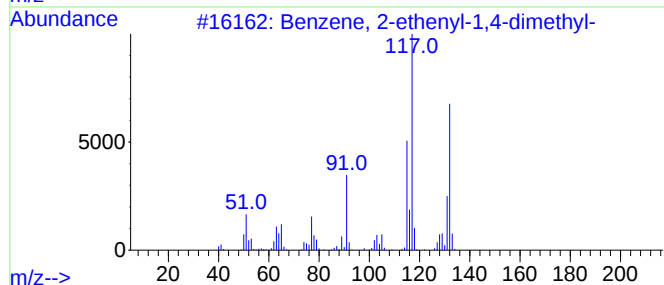
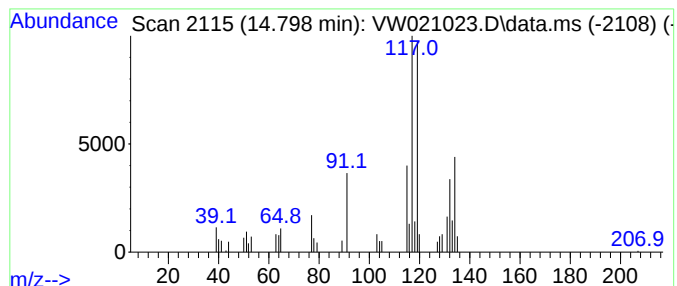
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	2.91 ug/L	17606	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
5			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	55



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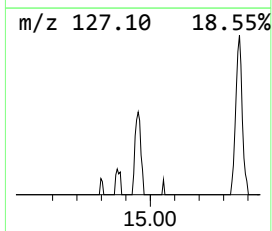
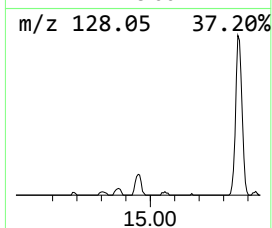
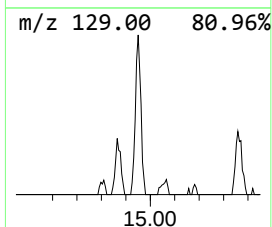
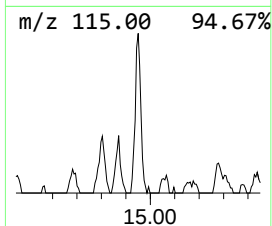
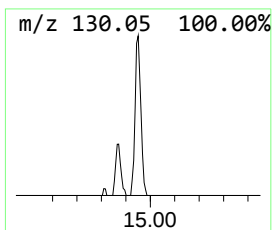
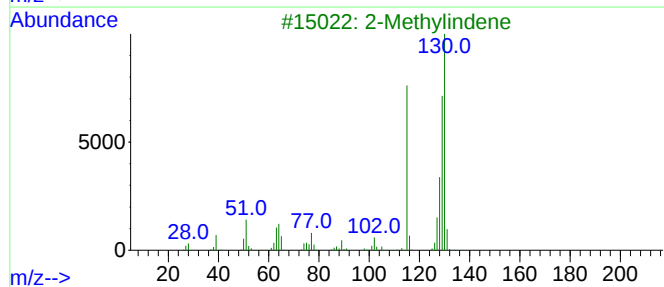
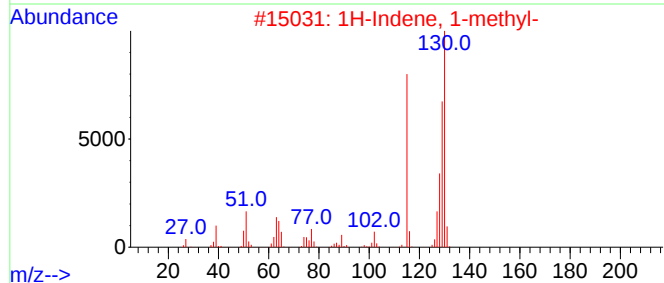
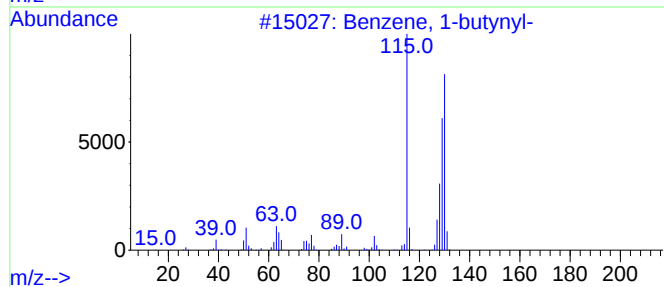
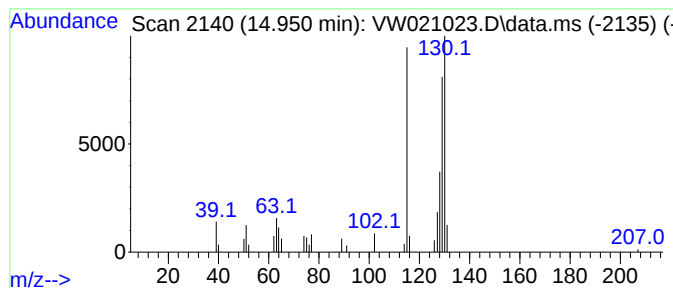
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	2.23 ug/L	13507	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
3			2-Methylindene	130	C10H10	002177-47-1	93
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93



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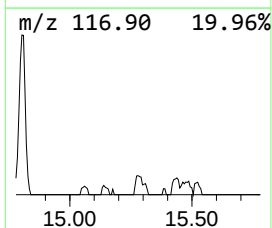
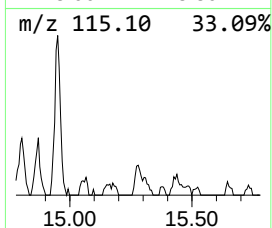
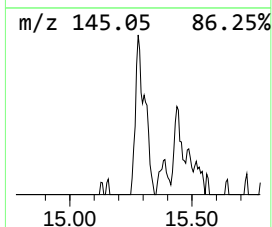
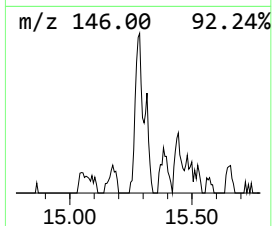
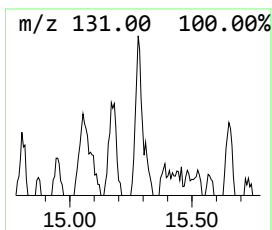
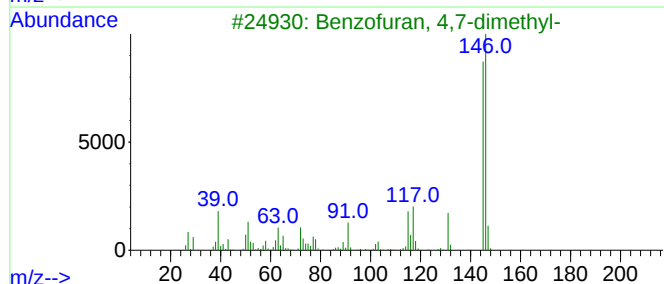
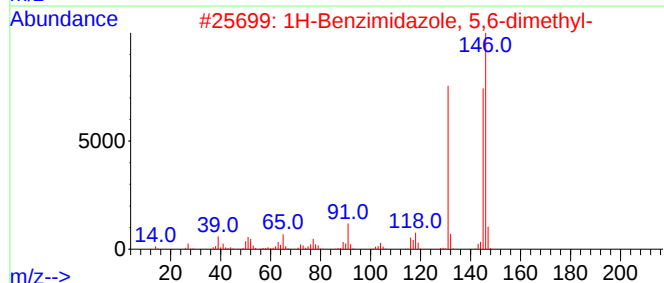
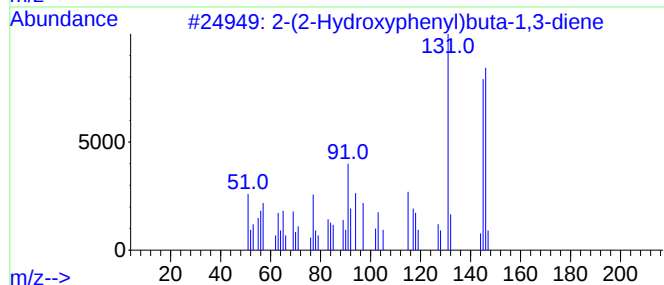
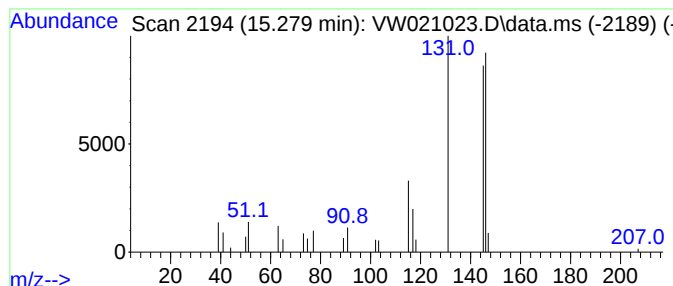
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.279	1.42 ug/L	8591	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86		
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72		
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	70		
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64		
5	2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	58		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021023.D
Acq On : 02 Dec 2021 04:40
Operator : SY/VA
Sample : M4881-11
Misc : 5.74g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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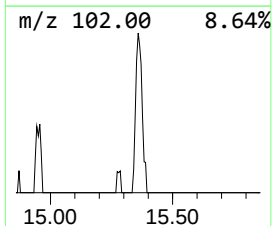
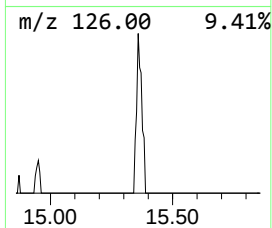
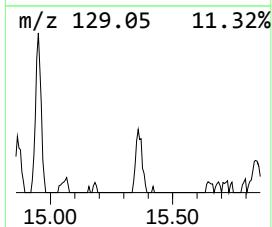
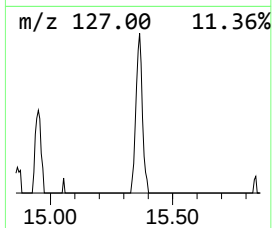
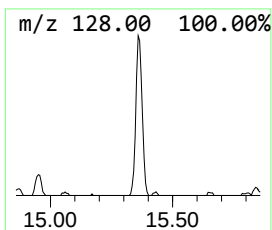
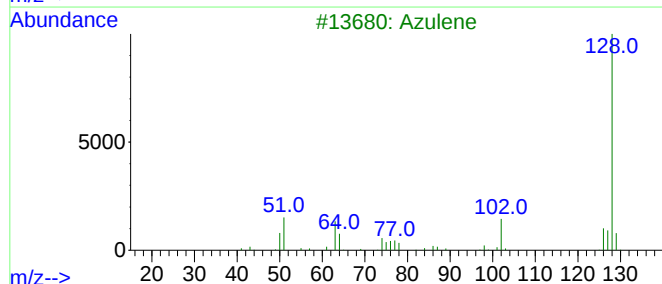
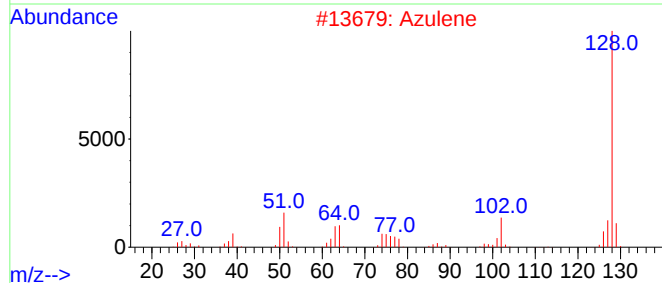
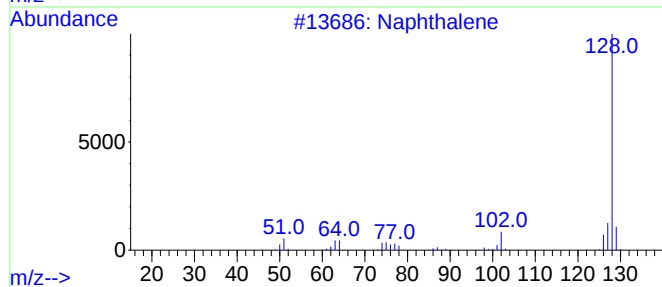
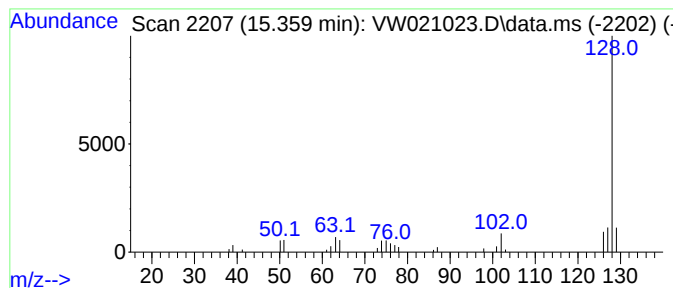
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Quant Title : SFAM01.0

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

Peak Number 10 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	2.86 ug/L	17308	1,4-Dichlorobenzene-d4	13.560

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021023.D
Acq On : 02 Dec 2021 04:40
Operator : SY/VA
Sample : M4881-11
Misc : 5.74g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9E7

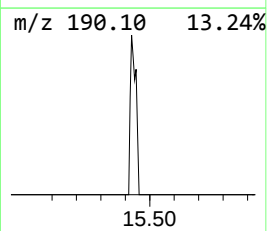
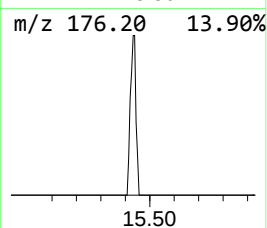
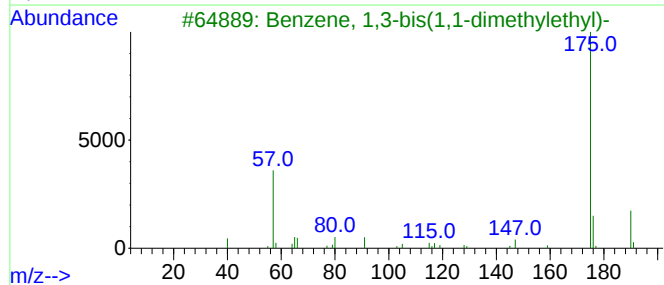
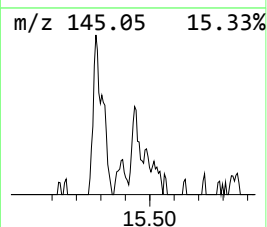
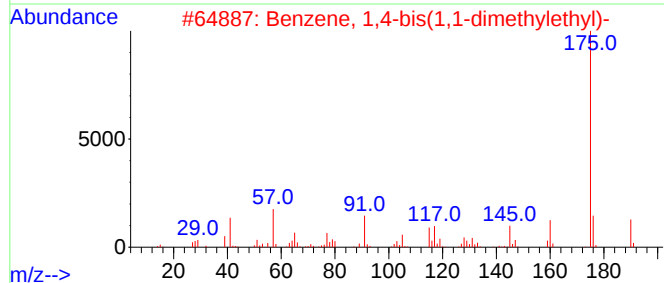
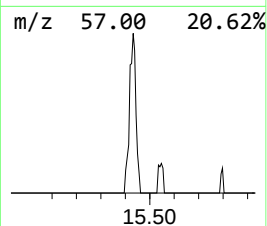
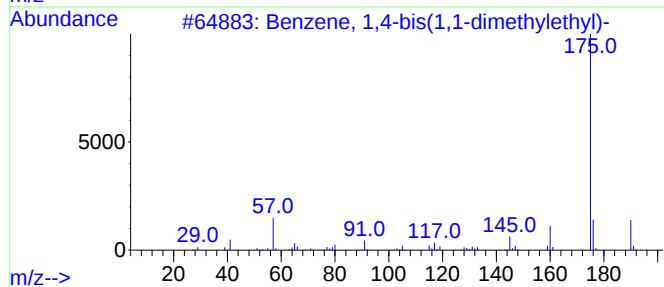
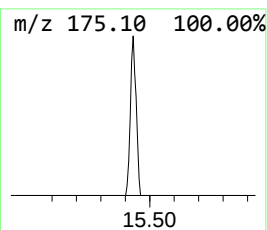
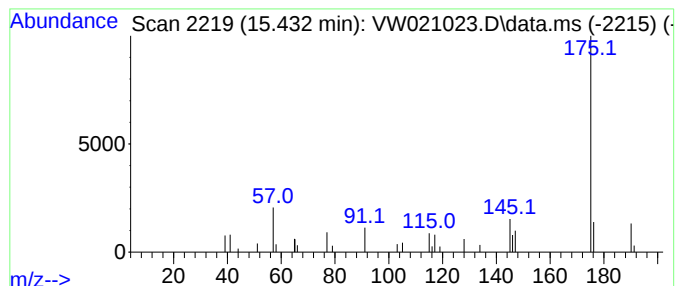
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.75 ug/L	10629	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
2			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	74
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	72
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
5			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021023.D
Acq On : 02 Dec 2021 04:40
Operator : SY/VA
Sample : M4881-11
Misc : 5.74g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9E7

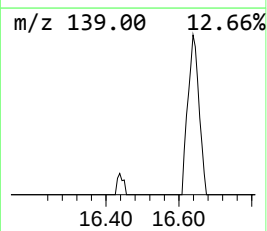
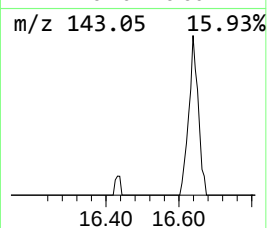
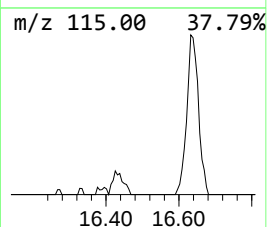
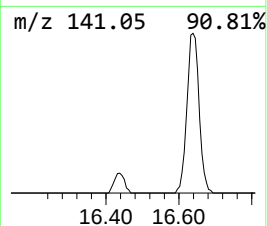
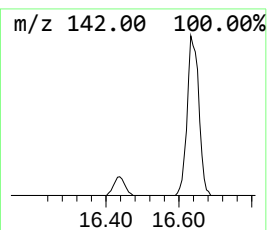
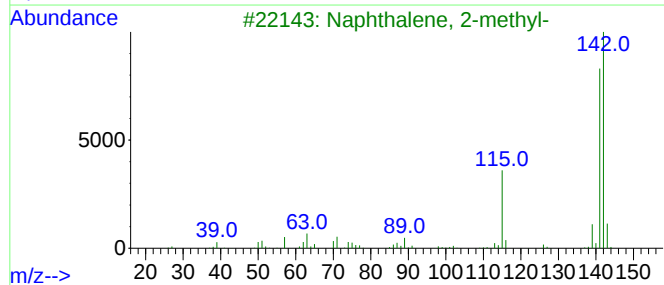
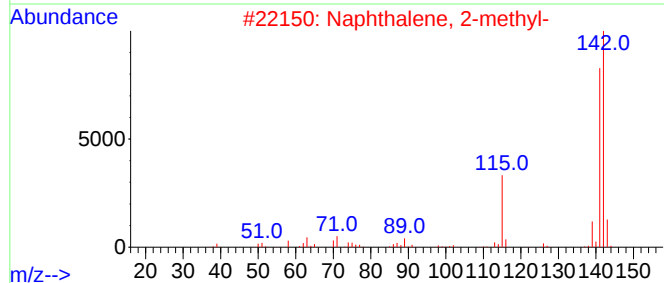
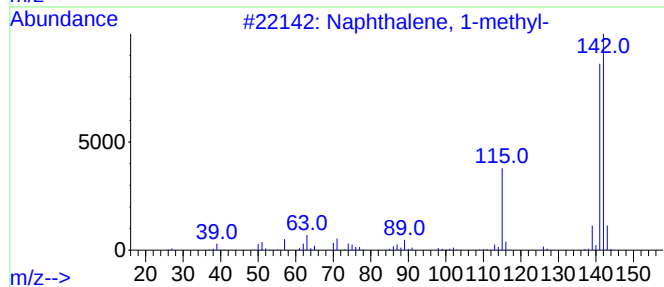
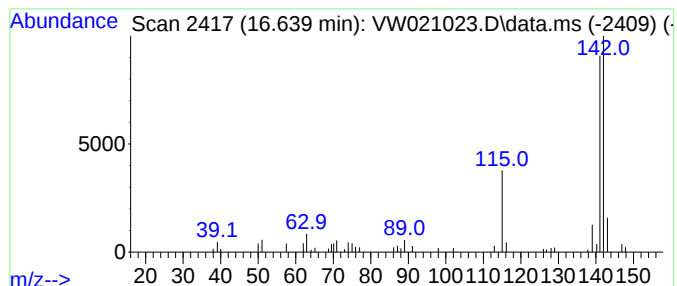
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	6.39 ug/L	38725	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
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Misc : 5.74g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9E7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.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
Benzene, 2-ethe...	14.798	2.9	ug/L	17606	3	13.560	151506	25.0
Benzene, 1-buty...	14.950	2.2	ug/L	13507	3	13.560	151506	25.0
2-(2-Hydroxyphe...	15.279	1.4	ug/L	8591	3	13.560	151506	25.0
Azulene	15.359	2.9	ug/L	17308	3	13.560	151506	25.0
Benzene, 1,4-bi...	15.432	1.8	ug/L	10629	3	13.560	151506	25.0
Naphthalene, 1-...	16.639	6.4	ug/L	38725	3	13.560	151506	25.0