

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
 Data File : VW019210.D
 Acq On : 14 Jun 2021 12:48
 Operator : SY/VA
 Sample : M2682-16
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGDC0

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\SFAMWLM060221SMA.M
 Title : SFAM01.0

Signal : TIC: VW019210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	39	42	47	rBV5	3336	6429	0.43%	0.060%
2	2.355	69	74	87	rVB	121352	226481	15.28%	2.104%
3	2.898	155	163	179	rBV	84970	209027	14.10%	1.942%
4	3.312	226	231	232	rVV3	442	521	0.04%	0.005%
5	3.391	237	244	252	rVB6	1784	4591	0.31%	0.043%
6	3.532	264	267	268	rBV2	467	471	0.03%	0.004%
7	3.751	299	303	304	rBV3	465	476	0.03%	0.004%
8	3.867	320	322	325	rBV2	764	1133	0.08%	0.011%
9	3.897	325	327	332	rVB3	671	701	0.05%	0.007%
10	4.026	336	348	360	rBV	189685	542432	36.59%	5.040%
11	4.385	400	407	408	rBV3	1747	3241	0.22%	0.030%
12	4.922	484	495	511	rVV3	17679	62905	4.24%	0.584%
13	5.745	629	630	634	rBV	391	453	0.03%	0.004%
14	5.958	654	665	673	rBV4	4610	14539	0.98%	0.135%
15	7.086	840	850	875	rBV2	30470	103318	6.97%	0.960%
16	7.543	921	925	929	rBV4	431	934	0.06%	0.009%
17	7.653	932	943	956	rBV	263172	637500	43.00%	5.923%
18	7.757	958	960	964	rBV2	349	439	0.03%	0.004%
19	7.958	986	993	994	rVV6	819	1321	0.09%	0.012%
20	7.970	994	995	998	rVB2	1088	484	0.03%	0.004%
21	8.165	1024	1027	1031	rVB3	269	430	0.03%	0.004%
22	8.281	1036	1046	1063	rBV2	512019	1482491	100.00%	13.774%
23	8.519	1082	1085	1088	rBV2	467	520	0.04%	0.005%
24	8.567	1091	1093	1099	rVB3	558	986	0.07%	0.009%
25	8.634	1101	1104	1108	rVB3	477	657	0.04%	0.006%
26	8.702	1110	1115	1120	rVB3	618	1225	0.08%	0.011%
27	8.848	1130	1139	1163	rVB	503889	1010535	68.16%	9.389%
28	9.025	1165	1168	1171	rBV	387	422	0.03%	0.004%
29	9.086	1172	1178	1184	rVB6	1109	2364	0.16%	0.022%
30	9.275	1200	1209	1218	rBV	333615	684696	46.19%	6.362%
31	9.665	1271	1273	1279	rVB3	776	984	0.07%	0.009%
32	9.750	1284	1287	1290	rBV2	470	485	0.03%	0.005%
33	9.951	1315	1320	1325	rBV3	698	1376	0.09%	0.013%
34	10.037	1325	1334	1343	rBV	164755	296715	20.01%	2.757%
35	10.128	1347	1349	1354	rVV3	908	1274	0.09%	0.012%
36	10.323	1373	1381	1389	rBV	693337	1230231	82.98%	11.430%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Title : SFAM01.0

37	10.482	1405	1407	1408	rBV	669	594	0.04%	0.006%
38	10.500	1408	1410	1416	rVB5	1653	2260	0.15%	0.021%
39	10.579	1416	1423	1432	rBV	102774	174225	11.75%	1.619%
40	10.707	1440	1444	1448	rVB3	2763	4200	0.28%	0.039%
41	10.768	1451	1454	1455	rVB3	726	721	0.05%	0.007%
42	10.847	1462	1467	1472	rBV6	1663	3169	0.21%	0.029%
43	10.927	1472	1480	1490	rBV	120787	207478	14.00%	1.928%
44	11.061	1500	1502	1505	rBV3	403	533	0.04%	0.005%
45	11.128	1511	1513	1514	rBV2	573	418	0.03%	0.004%
46	11.177	1517	1521	1527	rVB4	1998	3410	0.23%	0.032%
47	11.238	1527	1531	1536	rVB5	942	1673	0.11%	0.016%
48	11.293	1536	1540	1544	rVB3	455	657	0.04%	0.006%
49	11.335	1544	1547	1551	rBV3	563	932	0.06%	0.009%
50	11.408	1553	1559	1563	rBV4	1809	3648	0.25%	0.034%
51	11.542	1579	1581	1587	rVB5	1167	1687	0.11%	0.016%
52	11.634	1587	1596	1605	rBV	634897	1082928	73.05%	10.062%
53	11.841	1624	1630	1634	rVV3	1805	3300	0.22%	0.031%
54	11.878	1634	1636	1639	rVB4	643	697	0.05%	0.006%
55	11.981	1649	1653	1654	rBV	762	925	0.06%	0.009%
56	12.134	1674	1678	1679	rBV	790	693	0.05%	0.006%
57	12.164	1680	1683	1689	rVV7	1238	1923	0.13%	0.018%
58	12.225	1691	1693	1695	rVB3	642	505	0.03%	0.005%
59	12.341	1703	1712	1723	rBV9	2205	6727	0.45%	0.063%
60	12.414	1723	1724	1726	rBV2	620	528	0.04%	0.005%
61	12.469	1730	1733	1736	rBV5	1347	1808	0.12%	0.017%
62	12.567	1748	1749	1750	rBV	791	515	0.03%	0.005%
63	12.603	1750	1755	1761	rVB6	3649	7117	0.48%	0.066%
64	12.695	1761	1770	1777	rVB	196018	322144	21.73%	2.993%
65	12.756	1778	1780	1784	rBV5	717	704	0.05%	0.007%
66	12.835	1787	1793	1794	rBV5	2695	3796	0.26%	0.035%
67	13.048	1822	1828	1832	rBV7	2909	5982	0.40%	0.056%
68	13.103	1832	1837	1844	rVB2	10145	16752	1.13%	0.156%
69	13.189	1844	1851	1857	rBV6	2181	5581	0.38%	0.052%
70	13.262	1857	1863	1864	rBV3	3313	5859	0.40%	0.054%
71	13.310	1865	1871	1872	rBV5	4713	8759	0.59%	0.081%
72	13.493	1899	1901	1904	rBV3	2664	2902	0.20%	0.027%
73	13.560	1905	1912	1921	rVV	468064	773502	52.18%	7.187%
74	13.646	1924	1926	1933	rVB4	4664	6465	0.44%	0.060%
75	13.755	1940	1944	1948	rBV	12228	18339	1.24%	0.170%
76	13.798	1949	1951	1953	rBV4	3459	3338	0.23%	0.031%

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 Title : SFAM01.0

77	13.853	1953	1960	1967	rBV	389237	646110	43.58%	6.003%
78	14.066	1991	1995	1997	rBV	12124	17915	1.21%	0.166%
79	14.207	2012	2018	2024	rVB2	35099	62164	4.19%	0.578%
80	14.414	2047	2052	2057	rBV	36840	57165	3.86%	0.531%
81	14.499	2062	2066	2069	rBV5	3687	6100	0.41%	0.057%
82	14.560	2074	2076	2083	rVB2	5926	10465	0.71%	0.097%
83	14.615	2083	2085	2087	rBV3	1366	1670	0.11%	0.016%
84	14.688	2091	2097	2108	rBV	84833	149709	10.10%	1.391%
85	14.810	2108	2117	2123	rBV2	126174	226613	15.29%	2.106%
86	14.956	2131	2141	2151	rBV	51592	167979	11.33%	1.561%
87	15.060	2153	2158	2168	rVB4	21098	44699	3.02%	0.415%
88	15.139	2169	2171	2172	rBV2	2279	1860	0.13%	0.017%
89	15.280	2185	2194	2197	rBV	16361	31851	2.15%	0.296%
90	15.365	2205	2208	2211	rBV4	3013	4397	0.30%	0.041%
91	15.438	2216	2220	2222	rBV3	8344	13018	0.88%	0.121%
92	15.651	2246	2255	2262	rVB4	11981	26074	1.76%	0.242%
93	15.828	2274	2284	2292	rBV4	9410	27592	1.86%	0.256%
94	15.950	2299	2304	2305	rBV5	3679	5763	0.39%	0.054%
95	16.029	2313	2317	2324	rVB2	7931	14604	0.99%	0.136%
96	16.103	2324	2329	2331	rBV7	1506	2767	0.19%	0.026%
97	16.261	2352	2355	2362	rVB5	2629	4859	0.33%	0.045%
98	16.377	2365	2374	2379	rBV2	6459	15333	1.03%	0.142%
99	16.566	2402	2405	2410	rVB6	1623	2407	0.16%	0.022%
100	16.615	2410	2413	2414	rBV3	1190	1441	0.10%	0.013%

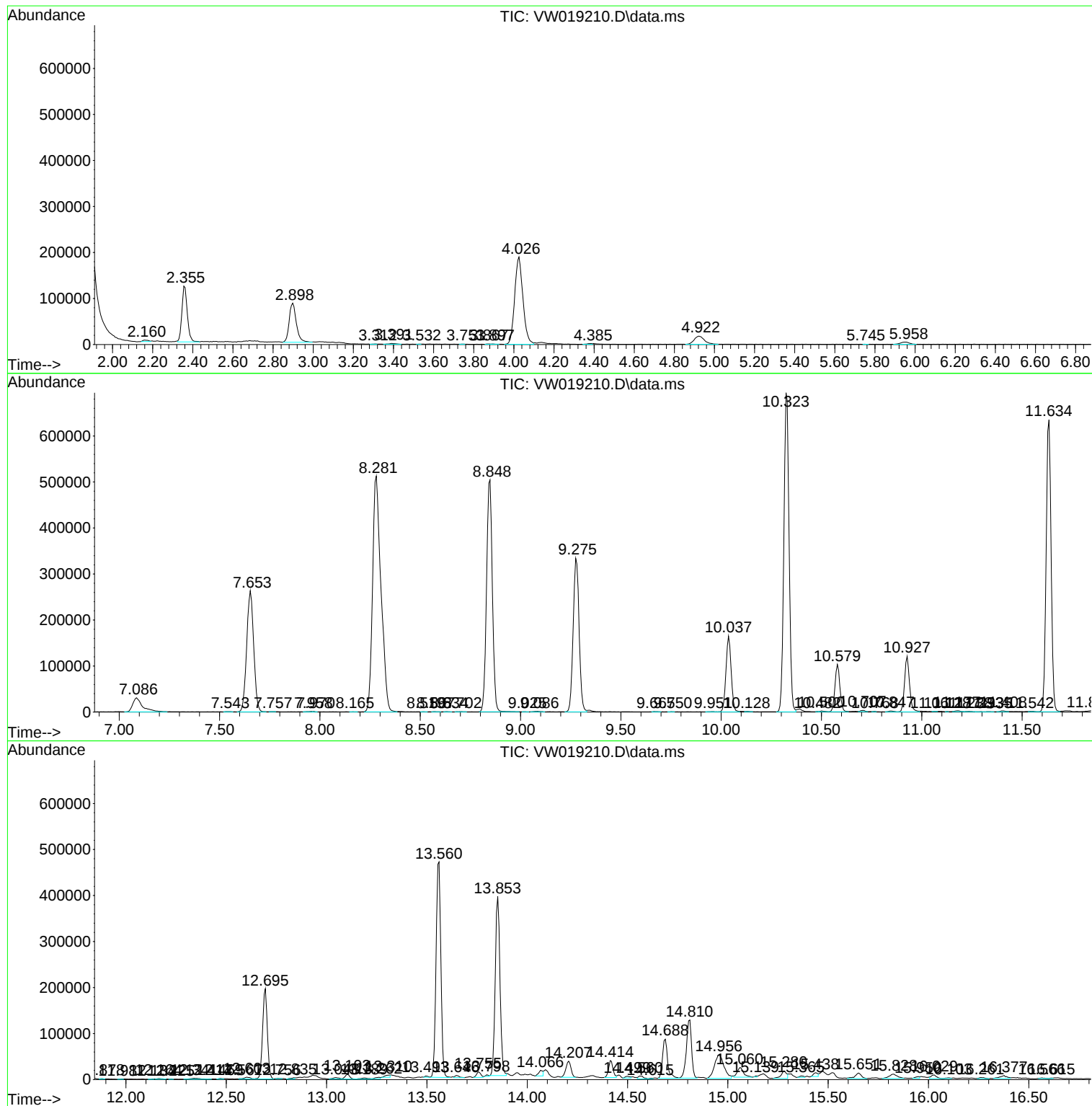
Sum of corrected areas: 10762736

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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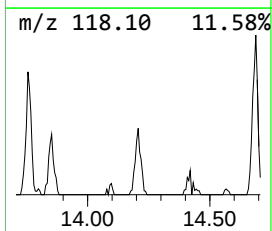
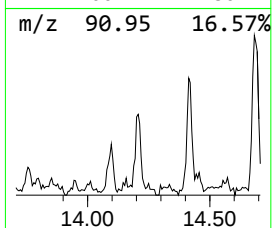
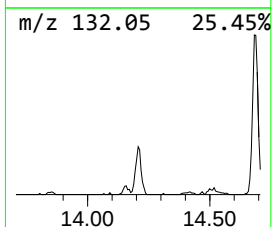
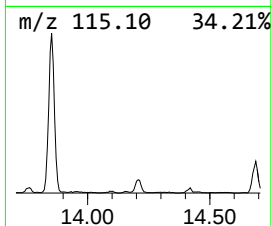
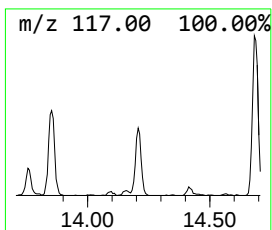
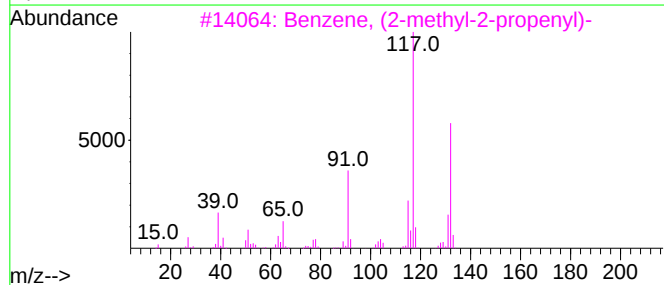
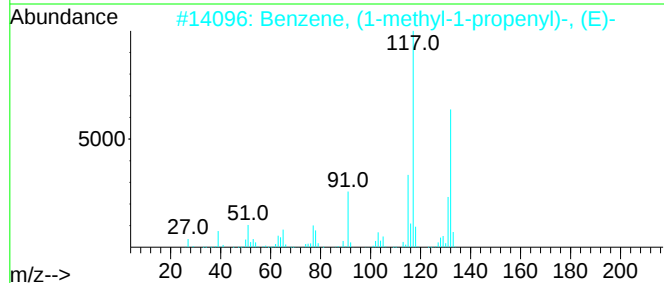
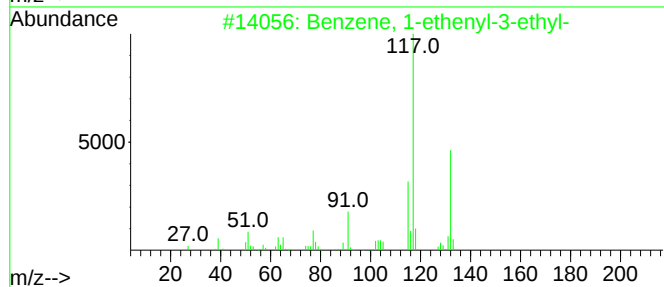
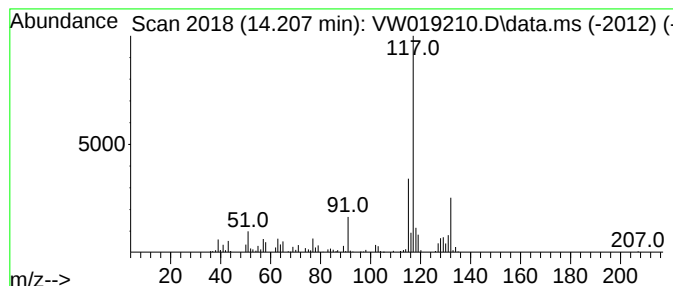
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	2.01 ug/L	62164	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
3			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78



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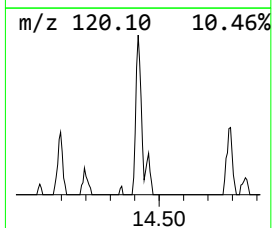
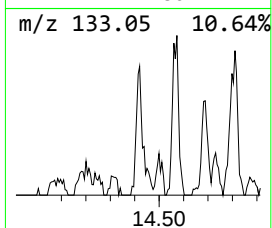
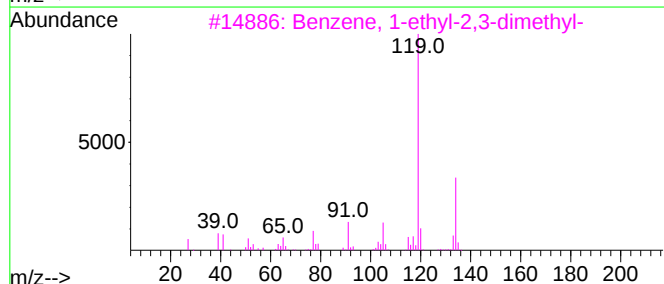
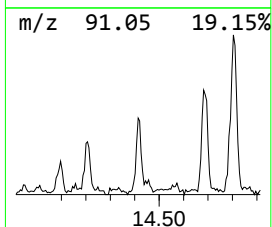
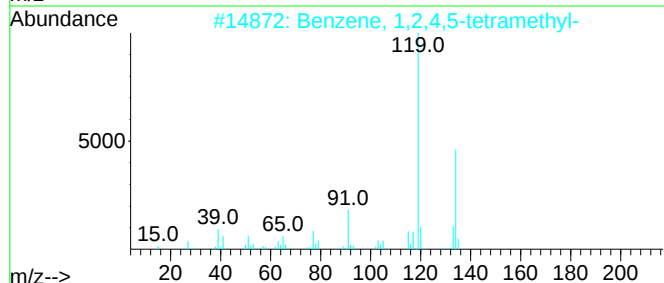
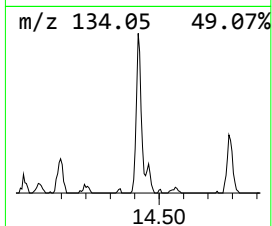
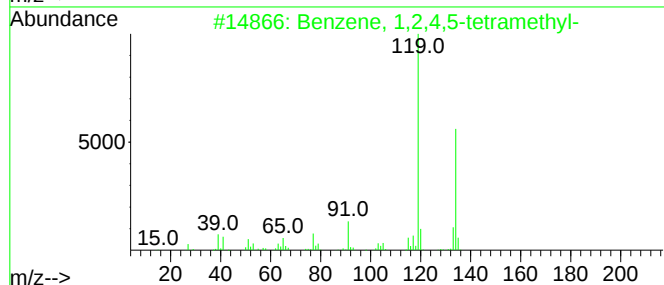
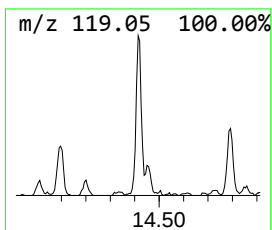
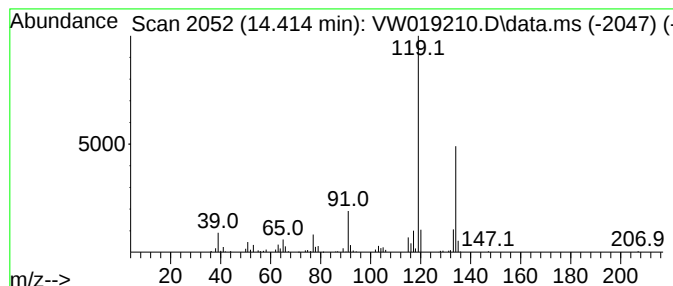
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	1.85 ug/L	57165	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



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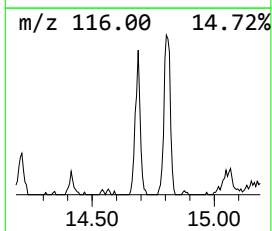
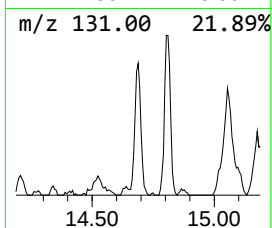
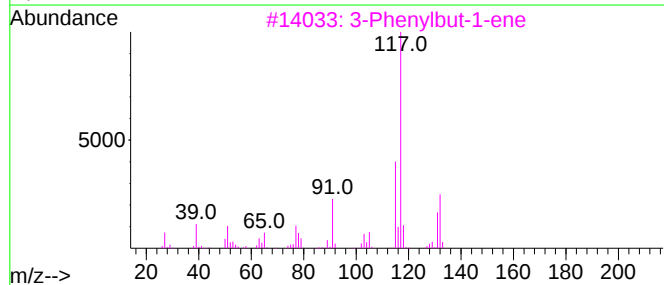
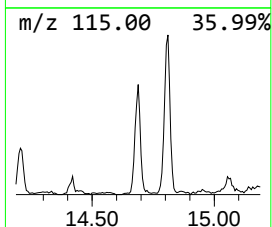
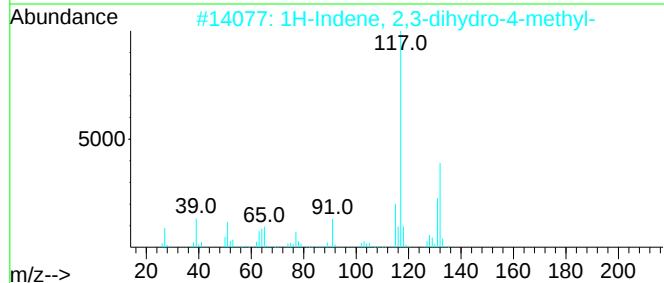
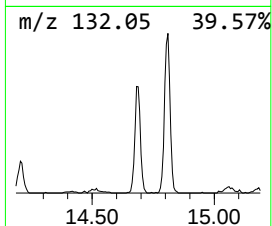
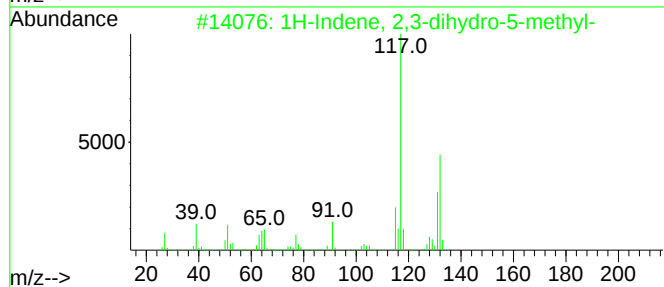
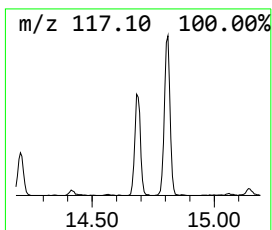
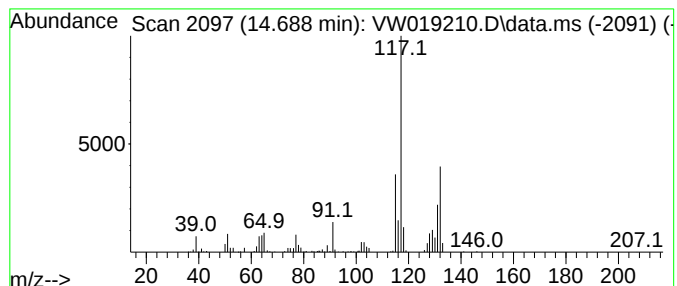
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	4.84 ug/L	149709	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
Data File : VW019210.D
Acq On : 14 Jun 2021 12:48
Operator : SY/VA
Sample : M2682-16
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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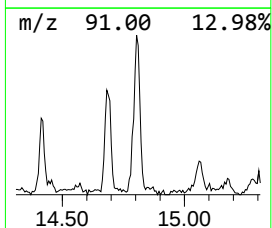
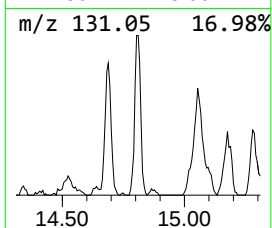
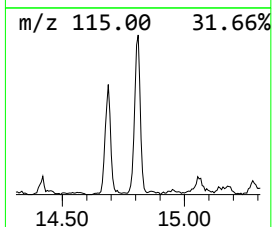
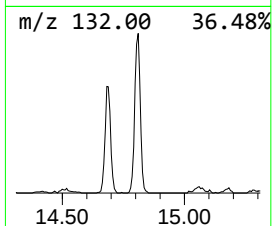
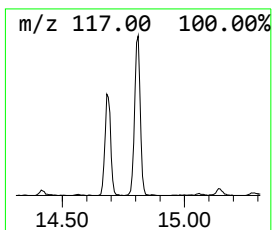
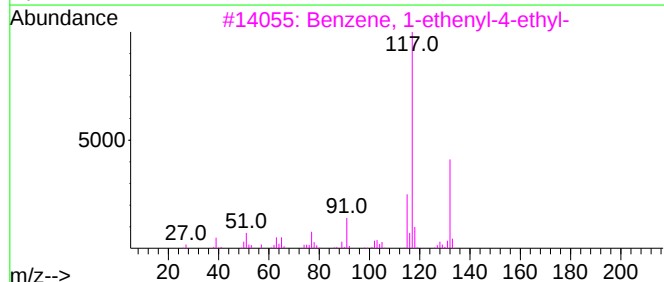
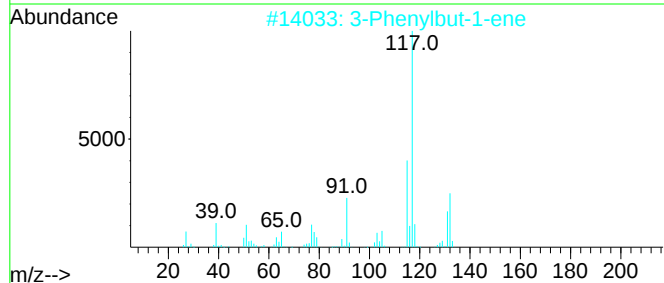
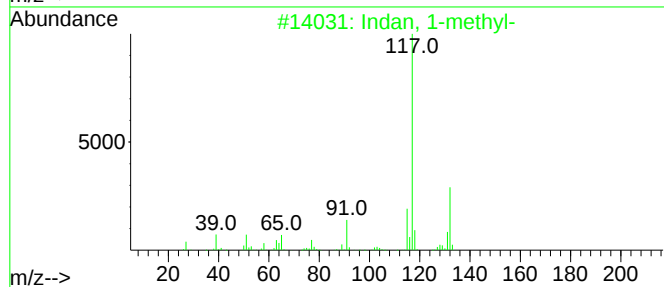
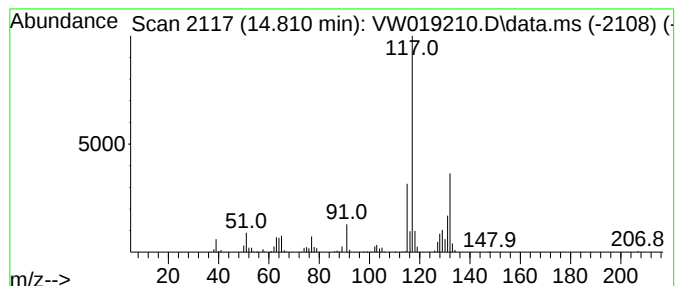
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	7.32 ug/L	226613	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	90
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
Data File : VW019210.D
Acq On : 14 Jun 2021 12:48
Operator : SY/VA
Sample : M2682-16
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGDC0

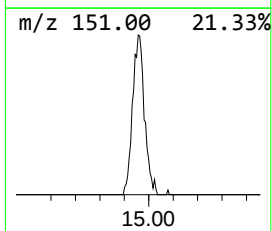
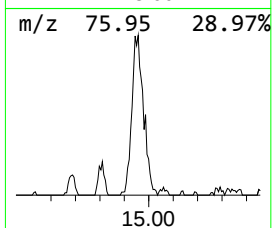
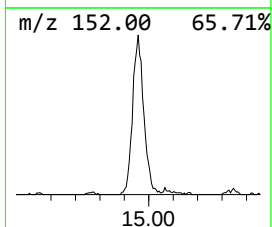
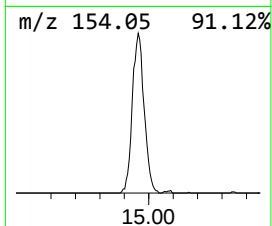
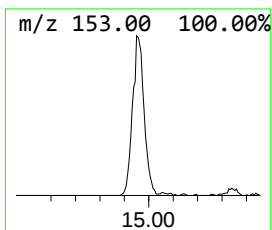
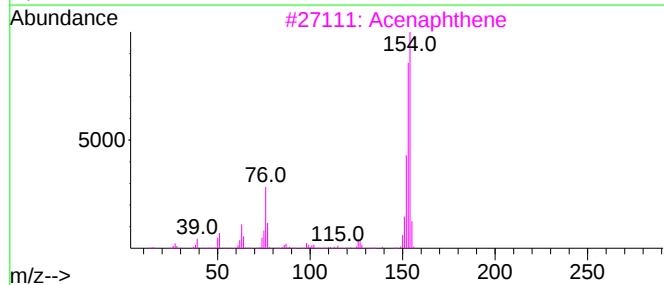
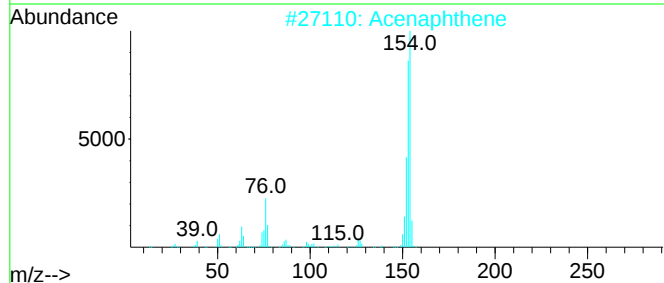
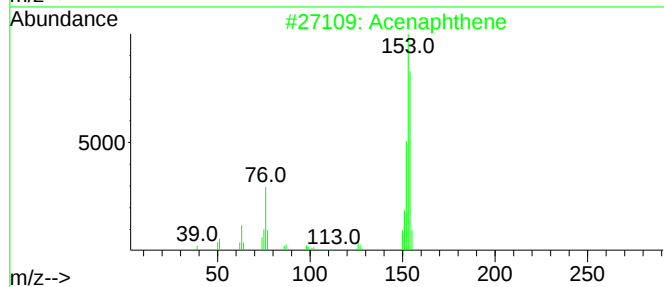
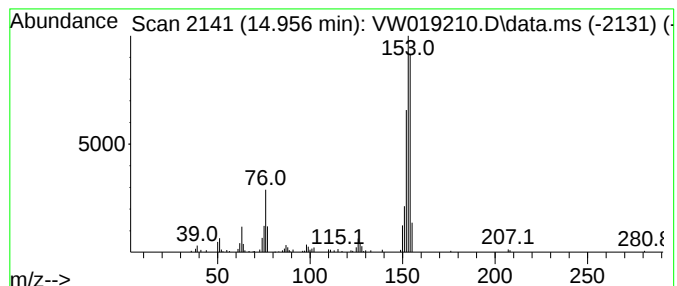
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	5.43 ug/L	167979	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Acenaphthene	154	C12H10	000083-32-9	89
4			Acenaphthene	154	C12H10	000083-32-9	64
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
Data File : VW019210.D
Acq On : 14 Jun 2021 12:48
Operator : SY/VA
Sample : M2682-16
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGDC0

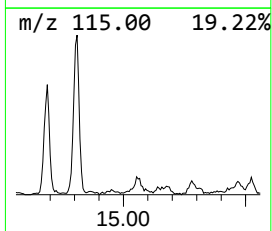
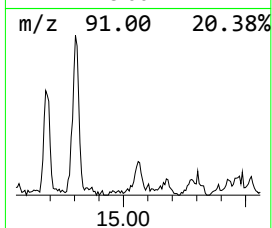
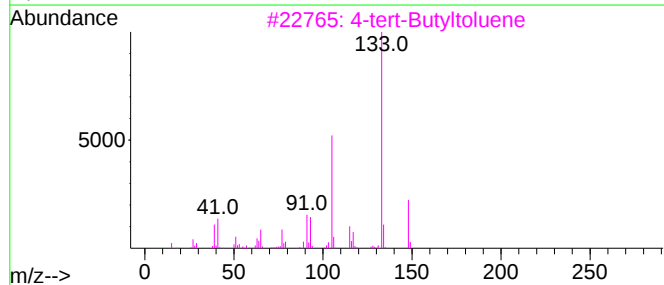
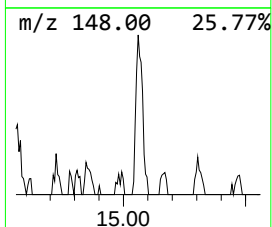
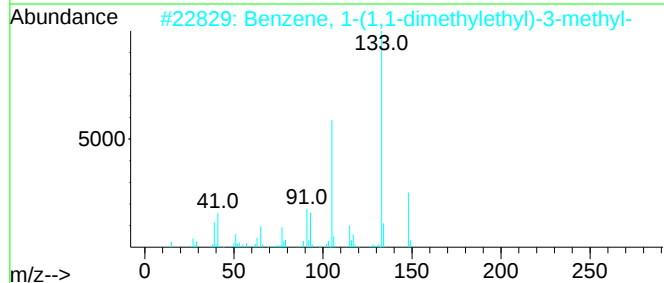
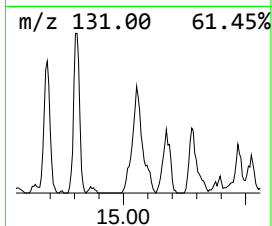
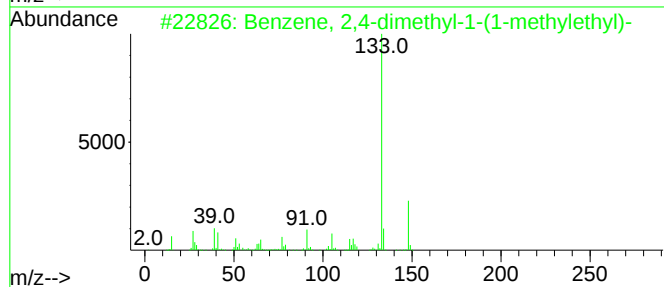
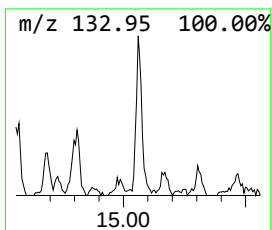
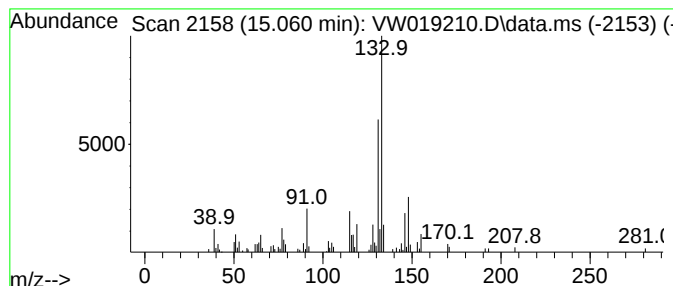
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	1.44 ug/L	44699	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	46
2			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	46
3			4-tert-Butyltoluene	148	C11H16	000098-51-1	46
4			4-tert-Butyltoluene	148	C11H16	000098-51-1	46
5			2-tert-Butyltoluene	148	C11H16	001074-92-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
Data File : VW019210.D
Acq On : 14 Jun 2021 12:48
Operator : SY/VA
Sample : M2682-16
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGDC0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1,2,4,...	14.414	1.9	ug/L	57165	3	13.560	773502	25.0
1H-Indene, 2,3-...	14.688	4.8	ug/L	149709	3	13.560	773502	25.0
Indan, 1-methyl-	14.810	7.3	ug/L	226613	3	13.560	773502	25.0
1,4-Ethenonapht...	14.957	5.4	ug/L	167979	3	13.560	773502	25.0
unknown-01	15.060	1.4	ug/L	44699	3	13.560	773502	25.0