

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
 Data File : VW019133.D
 Acq On : 04 Jun 2021 17:06
 Operator : SY/VA
 Sample : M2618-04
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5R7

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: VW019133.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	84	rVB	51793	86974	12.84%	1.790%
2	2.891	156	162	171	rBV	39287	84691	12.50%	1.743%
3	3.324	228	233	235	rVB2	389	579	0.09%	0.012%
4	3.391	241	244	248	rVV4	500	850	0.13%	0.017%
5	4.019	336	347	360	rBV	93480	252473	37.26%	5.197%
6	4.129	361	365	370	rVB5	1241	2224	0.33%	0.046%
7	4.257	383	386	388	rBV2	409	470	0.07%	0.010%
8	4.397	400	409	421	rVB	5896	17646	2.60%	0.363%
9	4.732	459	464	467	rBV2	474	844	0.12%	0.017%
10	4.921	486	495	510	rVB2	10871	34636	5.11%	0.713%
11	5.116	523	527	528	rBV3	370	452	0.07%	0.009%
12	5.336	560	563	565	rVB2	424	407	0.06%	0.008%
13	5.951	656	664	672	rVB4	2321	6527	0.96%	0.134%
14	6.512	752	756	759	rBV2	344	459	0.07%	0.009%
15	6.927	821	824	825	rBV2	471	408	0.06%	0.008%
16	6.988	830	834	836	rBV2	354	470	0.07%	0.010%
17	7.024	836	840	842	rBV3	289	409	0.06%	0.008%
18	7.085	842	850	852	rBV2	13604	29858	4.41%	0.615%
19	7.652	933	943	953	rBV	112329	274671	40.54%	5.654%
20	8.280	1032	1046	1061	rVV2	228157	677601	100.00%	13.948%
21	8.396	1064	1065	1071	rVV4	584	852	0.13%	0.018%
22	8.585	1094	1096	1100	rVB2	402	509	0.08%	0.010%
23	8.628	1100	1103	1107	rBV2	353	673	0.10%	0.014%
24	8.707	1114	1116	1119	rVB3	878	939	0.14%	0.019%
25	8.847	1131	1139	1151	rVV	231430	467381	68.98%	9.621%
26	9.061	1172	1174	1175	rBV	515	442	0.07%	0.009%
27	9.079	1175	1177	1182	rVV5	697	1025	0.15%	0.021%
28	9.274	1201	1209	1220	rVV	144296	299708	44.23%	6.169%
29	9.347	1220	1221	1224	rVV2	1087	889	0.13%	0.018%
30	9.414	1230	1232	1235	rVB3	388	391	0.06%	0.008%
31	9.756	1283	1288	1294	rBV5	1929	3470	0.51%	0.071%
32	9.841	1299	1302	1305	rBV2	291	434	0.06%	0.009%
33	9.890	1305	1310	1318	rBV6	2736	5832	0.86%	0.120%
34	9.957	1318	1321	1324	rBV2	305	431	0.06%	0.009%
35	10.036	1327	1334	1342	rBV	70637	128874	19.02%	2.653%
36	10.207	1357	1362	1367	rBV5	1653	3471	0.51%	0.071%

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

37	10.249	1367	1369	1374	rVV4	1534	2174	0.32%	0.045%
38	10.323	1374	1381	1390	rVV	287724	521312	76.93%	10.731%
39	10.390	1390	1392	1397	rVV3	2221	3174	0.47%	0.065%
40	10.432	1397	1399	1402	rVB	648	387	0.06%	0.008%
41	10.487	1406	1408	1410	rVV2	512	454	0.07%	0.009%
42	10.579	1416	1423	1432	rVB	43826	74464	10.99%	1.533%
43	10.707	1435	1444	1450	rBV	29473	54758	8.08%	1.127%
44	10.774	1451	1455	1460	rVB4	1217	1776	0.26%	0.037%
45	10.859	1460	1469	1474	rBV6	2934	5683	0.84%	0.117%
46	10.926	1474	1480	1490	rBV2	52234	95861	14.15%	1.973%
47	11.066	1496	1503	1511	rVB	8592	16434	2.43%	0.338%
48	11.176	1519	1521	1525	rVB3	1642	1934	0.29%	0.040%
49	11.225	1525	1529	1530	rBV3	647	702	0.10%	0.014%
50	11.286	1537	1539	1543	rVB2	601	556	0.08%	0.011%
51	11.341	1543	1548	1551	rBV4	1263	1684	0.25%	0.035%
52	11.438	1553	1564	1571	rVB3	18619	37623	5.55%	0.774%
53	11.511	1571	1576	1583	rBV4	2504	4483	0.66%	0.092%
54	11.633	1587	1596	1604	rBV	280335	477800	70.51%	9.835%
55	11.804	1621	1624	1625	rBV2	532	572	0.08%	0.012%
56	11.871	1632	1635	1642	rVB3	1403	2626	0.39%	0.054%
57	11.920	1642	1643	1648	rVB3	754	945	0.14%	0.019%
58	12.017	1654	1659	1660	rBV2	464	588	0.09%	0.012%
59	12.127	1674	1677	1679	rBV3	1472	2202	0.32%	0.045%
60	12.249	1692	1697	1702	rVB5	1459	2965	0.44%	0.061%
61	12.334	1705	1711	1714	rBV6	1827	3565	0.53%	0.073%
62	12.469	1728	1733	1735	rBV6	1530	2540	0.37%	0.052%
63	12.603	1748	1755	1761	rVB2	29813	52696	7.78%	1.085%
64	12.694	1764	1770	1776	rVB	93412	154585	22.81%	3.182%
65	12.761	1776	1781	1784	rBV6	1573	2847	0.42%	0.059%
66	12.804	1784	1788	1792	rVB2	4532	7384	1.09%	0.152%
67	12.865	1792	1798	1799	rBV5	991	1750	0.26%	0.036%
68	12.938	1804	1810	1812	rBV6	5636	10097	1.49%	0.208%
69	13.078	1829	1833	1836	rBV5	1880	2662	0.39%	0.055%
70	13.121	1838	1840	1844	rVV5	1138	1806	0.27%	0.037%
71	13.194	1848	1852	1857	rVB3	5229	8041	1.19%	0.166%
72	13.292	1864	1868	1874	rBV2	9836	15917	2.35%	0.328%
73	13.407	1883	1887	1892	rVB3	9143	14164	2.09%	0.292%
74	13.475	1896	1898	1901	rBV5	1684	1798	0.27%	0.037%
75	13.560	1905	1912	1917	rBV	186842	312271	46.08%	6.428%
76	13.718	1934	1938	1942	rBV2	7647	12126	1.79%	0.250%

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 Title : SFAM01.0

77	13.761	1942	1945	1948	rVV4	6950	9892	1.46%	0.204%
78	13.798	1948	1951	1954	rVV2	6343	9646	1.42%	0.199%
79	13.853	1954	1960	1967	rVB	161375	259764	38.34%	5.347%
80	14.017	1983	1987	1992	rBV6	3562	7940	1.17%	0.163%
81	14.096	1992	2000	2006	rVB3	28010	55946	8.26%	1.152%
82	14.206	2013	2018	2024	rVB3	10233	16158	2.38%	0.333%
83	14.279	2028	2030	2035	rBV6	1994	2561	0.38%	0.053%
84	14.328	2036	2038	2039	rBV2	1386	969	0.14%	0.020%
85	14.413	2046	2052	2056	rBV	15016	25487	3.76%	0.525%
86	14.456	2056	2059	2062	rVB2	4793	5862	0.87%	0.121%
87	14.499	2062	2066	2072	rVB4	5688	7985	1.18%	0.164%
88	14.590	2079	2081	2084	rBV4	1496	1514	0.22%	0.031%
89	14.688	2092	2097	2101	rBV3	12243	21176	3.13%	0.436%
90	14.804	2108	2116	2121	rBV3	17921	42194	6.23%	0.869%
91	14.852	2122	2124	2130	rVB3	6475	8555	1.26%	0.176%
92	15.060	2154	2158	2162	rBV5	9388	14574	2.15%	0.300%
93	15.169	2172	2176	2183	rVB4	8310	17825	2.63%	0.367%
94	15.371	2204	2209	2212	rVB4	3093	5242	0.77%	0.108%
95	15.431	2215	2219	2223	rBV2	7285	11034	1.63%	0.227%
96	15.651	2251	2255	2261	rVB3	4884	7951	1.17%	0.164%
97	16.114	2329	2331	2332	rBV2	898	633	0.09%	0.013%
98	16.370	2370	2373	2375	rBV4	1021	1484	0.22%	0.031%
99	16.437	2380	2384	2391	rVB2	6718	13598	2.01%	0.280%
100	16.639	2410	2417	2422	rBV4	3410	6811	1.01%	0.140%

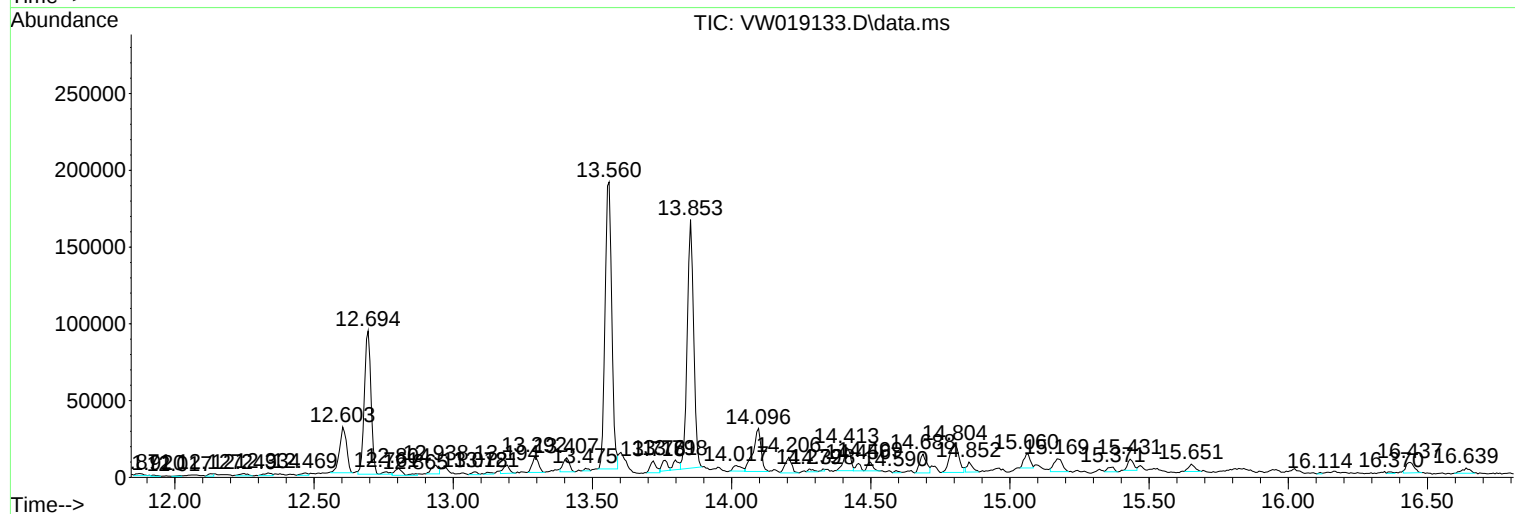
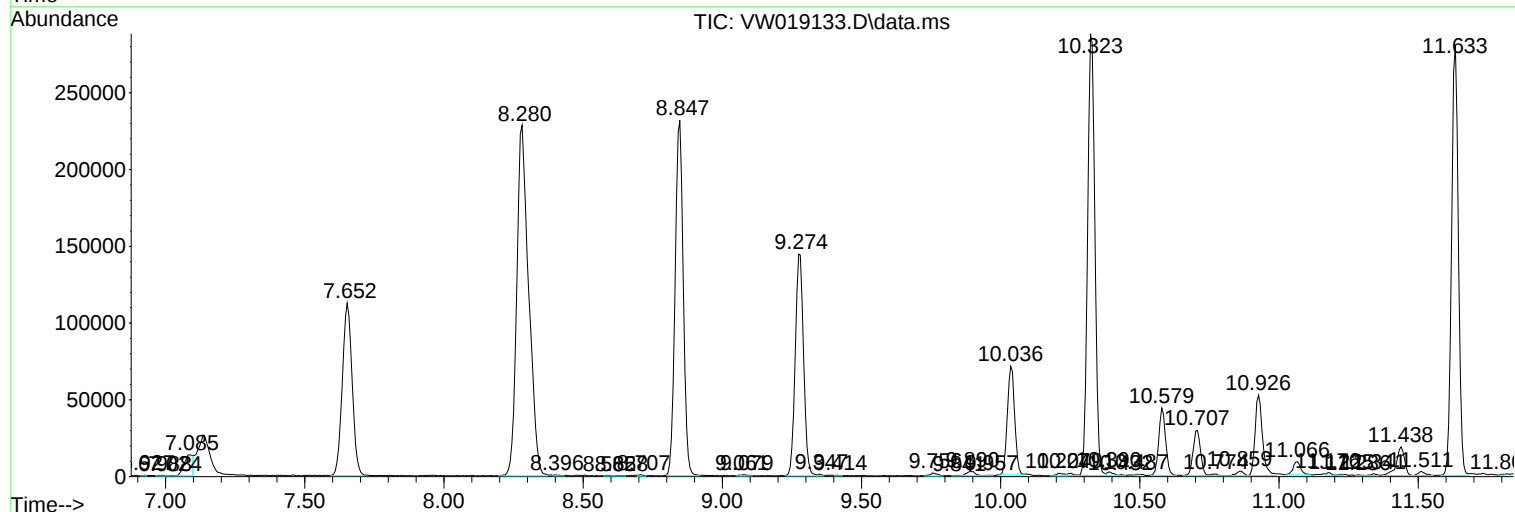
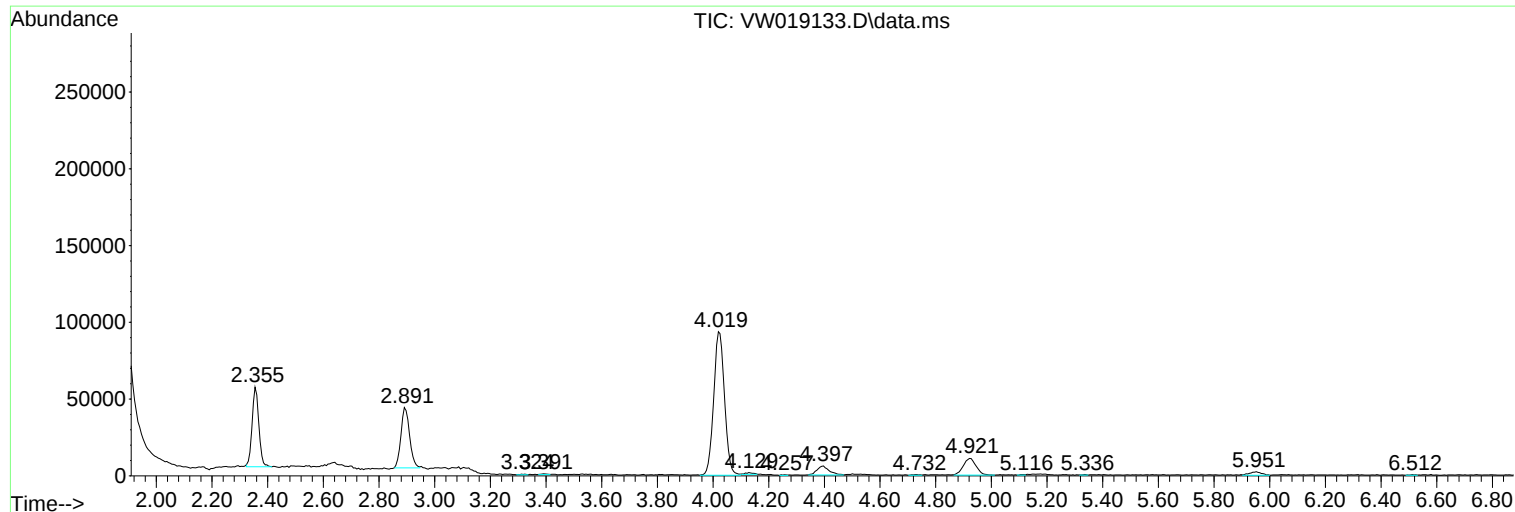
Sum of corrected areas: 4858177

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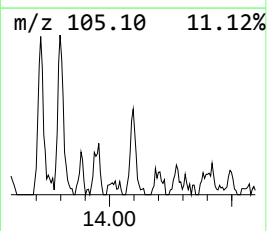
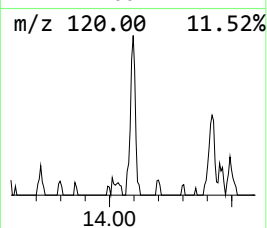
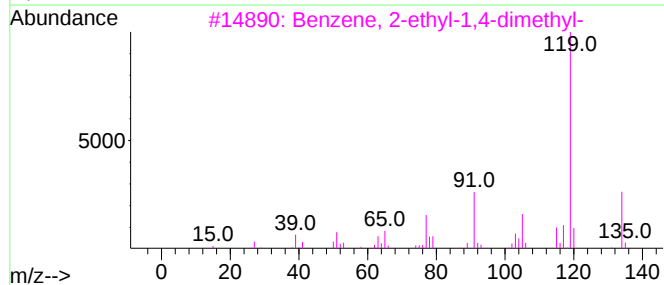
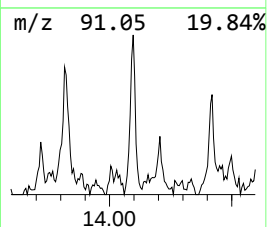
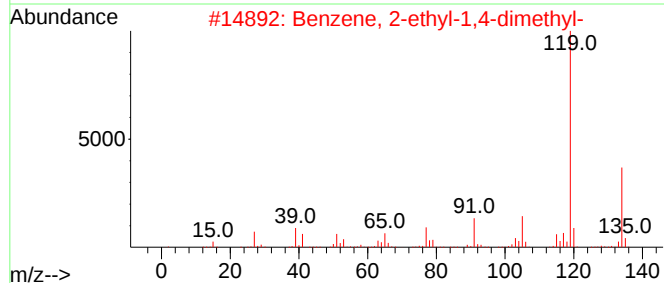
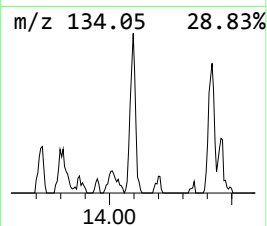
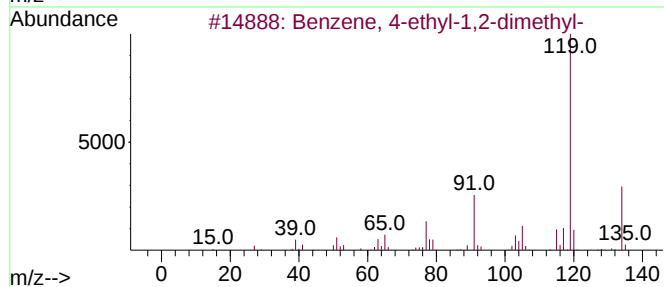
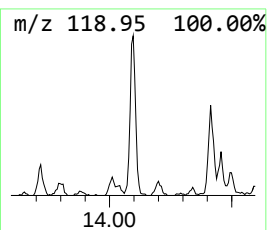
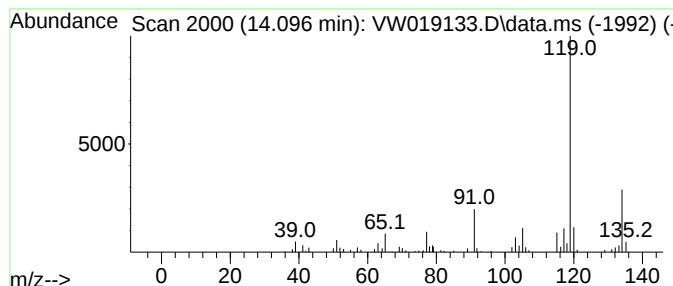
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.096	4.48 ug/L	55946	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



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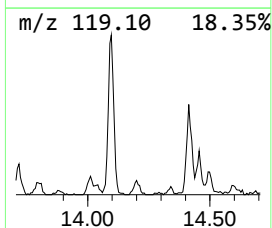
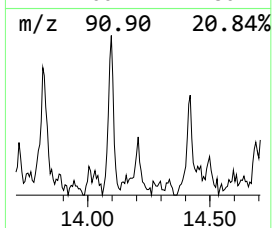
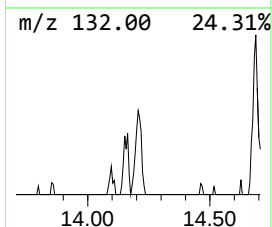
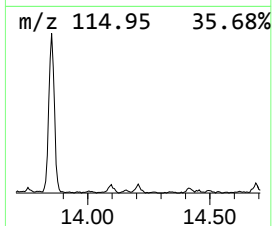
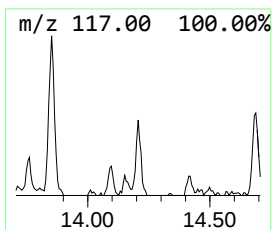
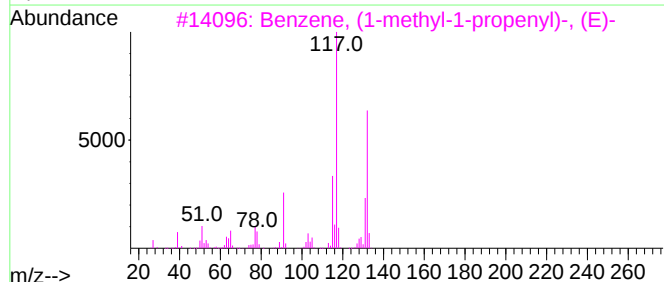
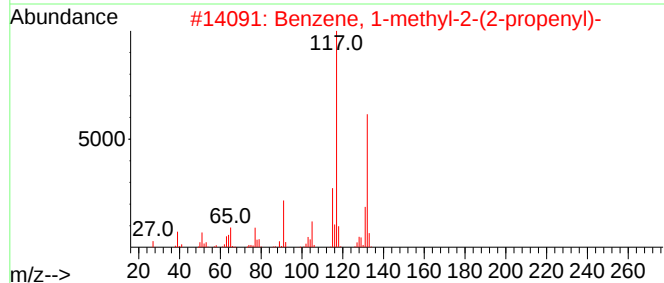
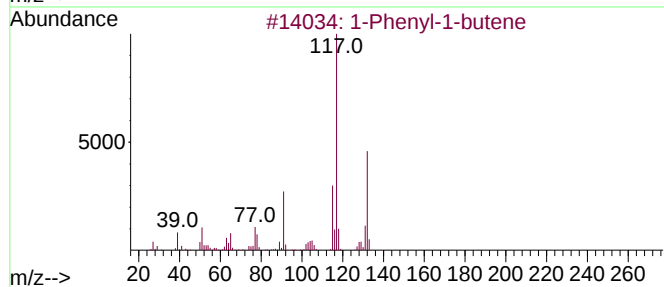
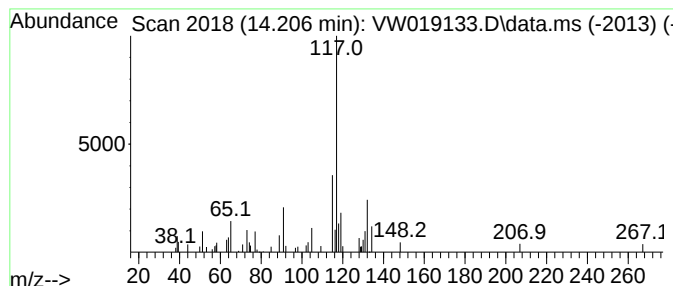
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	1.29 ug/L	16158	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	81
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	74
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	74



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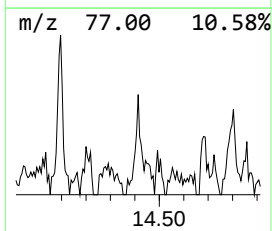
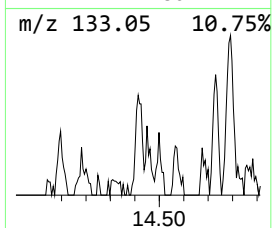
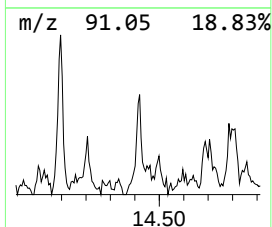
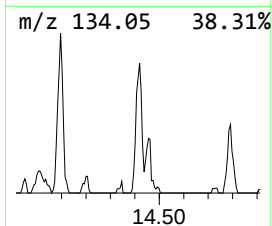
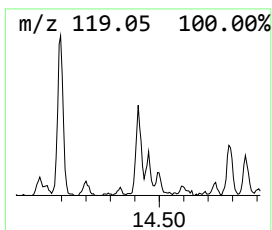
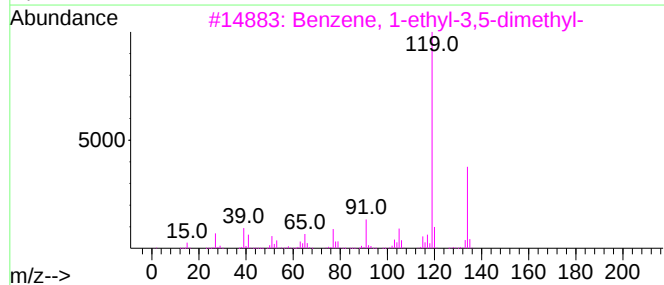
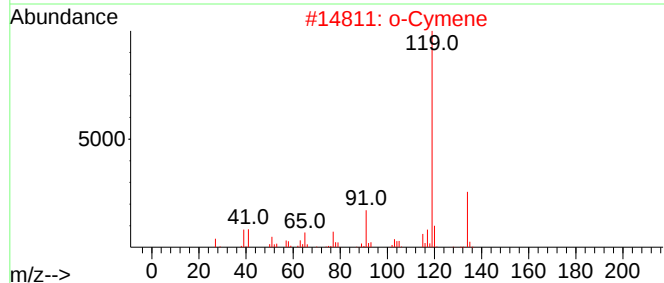
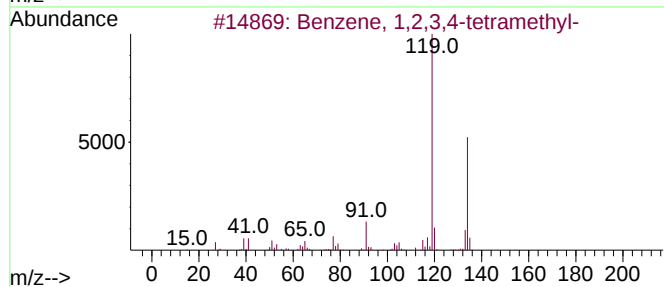
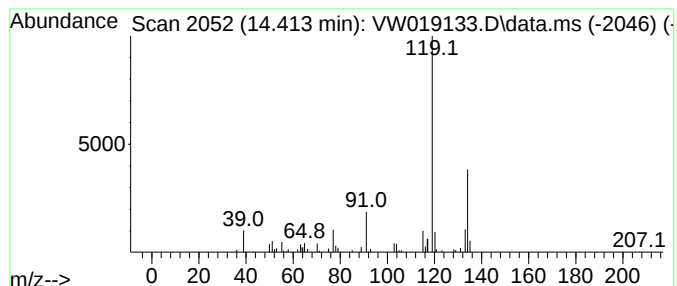
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.413	2.04 ug/L	25487	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2			o-Cymene	134	C10H14	000527-84-4	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019133.D
Acq On : 04 Jun 2021 17:06
Operator : SY/VA
Sample : M2618-04
Misc : 5.83G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

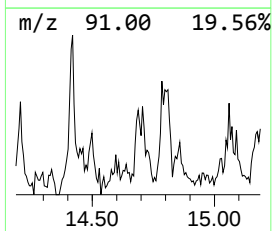
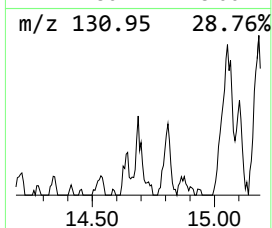
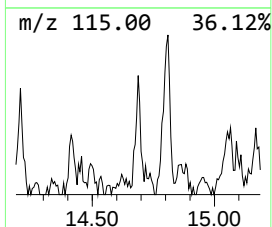
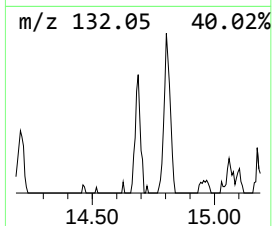
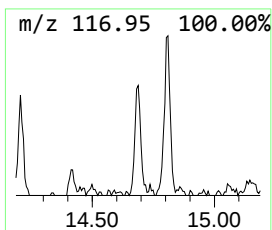
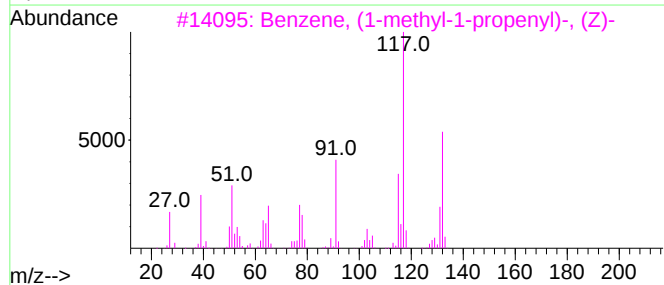
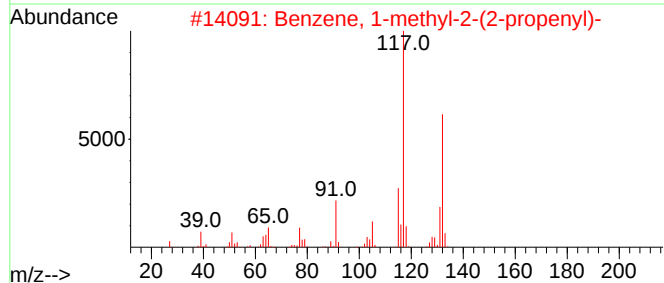
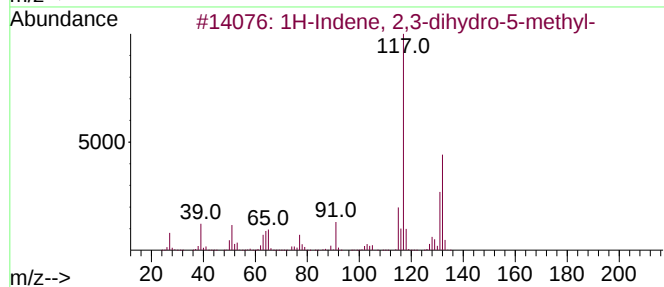
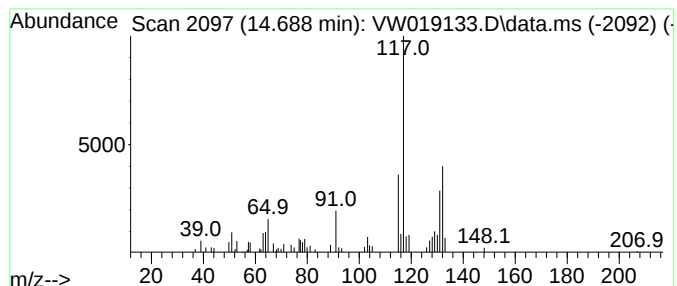
Instrument :
MSVOA_W
ClientSampleId :
BG5R7

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 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.688	1.70 ug/L	21176	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	87
2	Benzene, 1-methyl-2-(2-propenyl)-		132	C10H12	001587-04-8	81
3	Benzene, (1-methyl-1-propenyl)-,...		132	C10H12	000767-99-7	81
4	1H-Indene, 2,3-dihydro-2-methyl-		132	C10H12	000824-63-5	76
5	Benzene, 1-ethenyl-3-ethyl-		132	C10H12	007525-62-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019133.D
Acq On : 04 Jun 2021 17:06
Operator : SY/VA
Sample : M2618-04
Misc : 5.83G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5R7

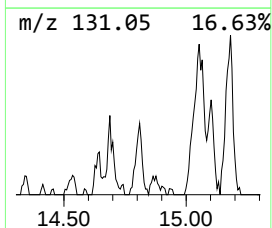
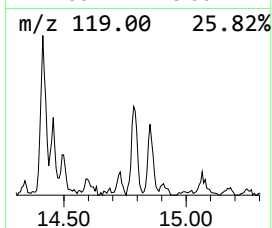
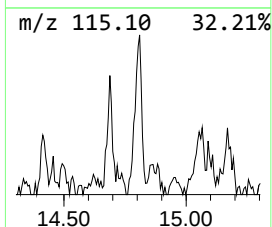
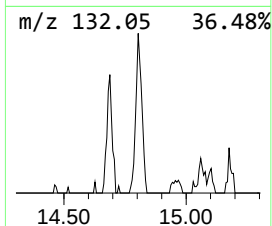
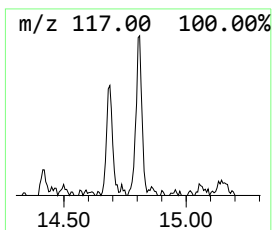
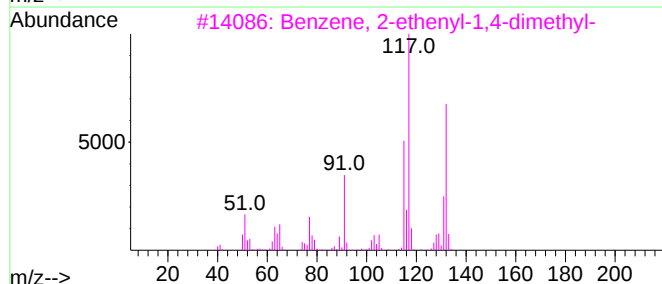
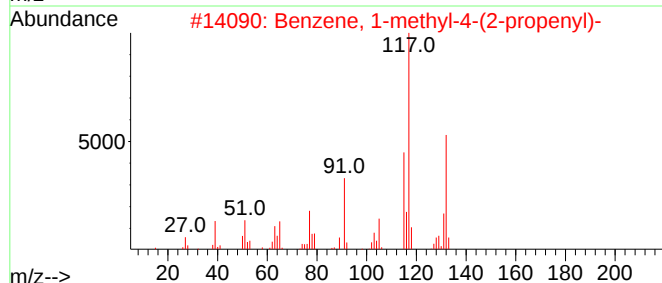
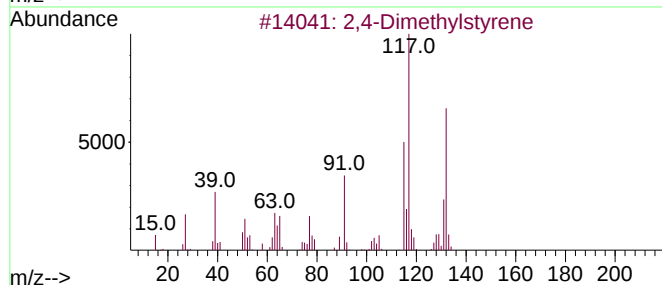
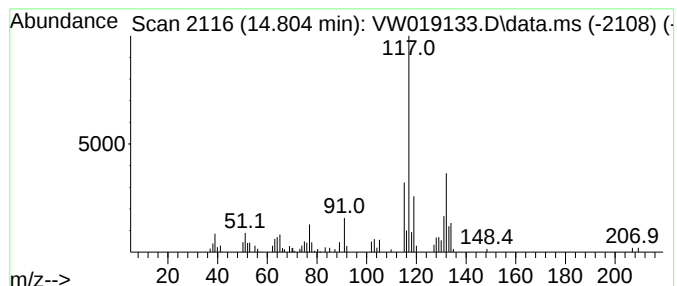
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Quant Title : SFAM01.0

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

Peak Number 10 2,4-Dimethylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	3.38 ug/L	42194	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019133.D
Acq On : 04 Jun 2021 17:06
Operator : SY/VA
Sample : M2618-04
Misc : 5.83G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5R7

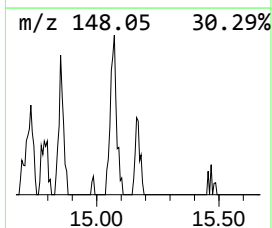
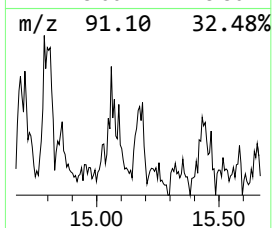
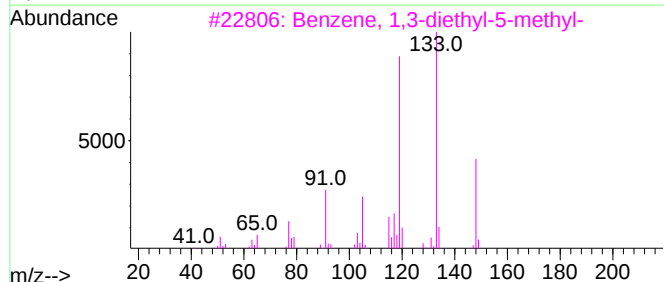
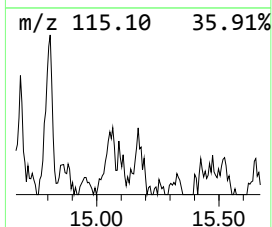
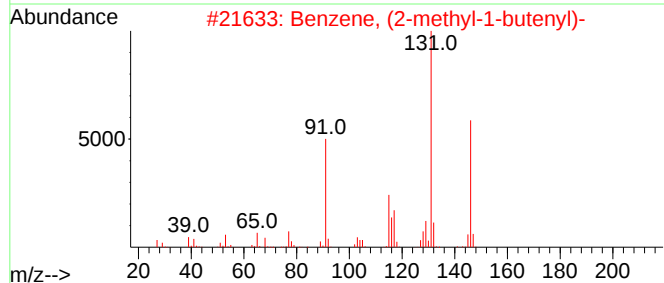
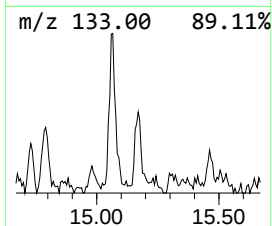
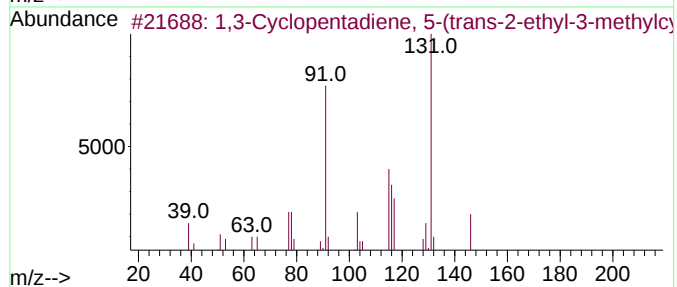
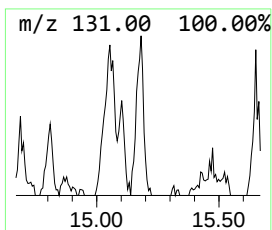
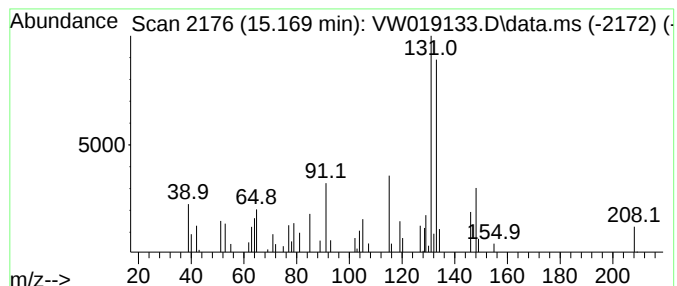
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.169	1.43 ug/L	17825	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	45
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	43
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019133.D
Acq On : 04 Jun 2021 17:06
Operator : SY/VA
Sample : M2618-04
Misc : 5.83G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5R7

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
Benzene, 4-ethy...	14.096	4.5	ug/L	55946	3	13.560	312271	25.0
1-Phenyl-1-butene	14.206	1.3	ug/L	16158	3	13.560	312271	25.0
Benzene, 1,2,3,...	14.413	2.0	ug/L	25487	3	13.560	312271	25.0
1H-Indene, 2,3-...	14.688	1.7	ug/L	21176	3	13.560	312271	25.0
2,4-Dimethylsty...	14.804	3.4	ug/L	42194	3	13.560	312271	25.0
unknown-01	15.169	1.4	ug/L	17825	3	13.560	312271	25.0