

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019107.D
 Acq On : 03 Jun 2021 15:23
 Operator : SY/VA
 Sample : M2596-08
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5Q4

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: VW019107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	64	75	89	rBV	210621	432438	16.25%	1.687%
2	2.507	93	99	107	rBV2	21823	57651	2.17%	0.225%
3	2.897	155	163	179	rVB	149601	358924	13.49%	1.400%
4	4.025	337	348	361	rBV2	303957	967307	36.34%	3.773%
5	4.141	361	367	387	rVV	24445	80845	3.04%	0.315%
6	4.391	400	408	415	rBV3	3630	11890	0.45%	0.046%
7	4.927	484	496	522	rBV3	36162	152835	5.74%	0.596%
8	5.433	566	579	595	rBV3	15446	62065	2.33%	0.242%
9	5.946	652	663	675	rVB3	11052	32892	1.24%	0.128%
10	6.988	828	834	842	rVB2	6697	17160	0.64%	0.067%
11	7.086	842	850	857	rBV	47231	140282	5.27%	0.547%
12	7.653	933	943	961	rBV	444100	1091059	40.99%	4.256%
13	7.927	982	988	990	rBV3	7494	14115	0.53%	0.055%
14	8.037	999	1006	1014	rVB2	11789	28530	1.07%	0.111%
15	8.159	1014	1026	1033	rBV5	11532	32751	1.23%	0.128%
16	8.281	1033	1046	1062	rVV2	917414	2661653	100.00%	10.382%
17	8.494	1064	1081	1090	rVV3	52576	175951	6.61%	0.686%
18	8.695	1109	1114	1121	rVB5	7741	16486	0.62%	0.064%
19	8.841	1130	1138	1150	rBV	803347	1607197	60.38%	6.269%
20	9.073	1168	1176	1190	rVB10	6630	22323	0.84%	0.087%
21	9.274	1201	1209	1217	rBV	575745	1213415	45.59%	4.733%
22	9.384	1224	1227	1235	rVB3	11269	21298	0.80%	0.083%
23	9.762	1283	1289	1297	rBV	42526	87590	3.29%	0.342%
24	9.896	1301	1311	1318	rBV	52694	105973	3.98%	0.413%
25	10.036	1327	1334	1342	rBV	322307	566367	21.28%	2.209%
26	10.250	1365	1369	1374	rVB2	16838	29086	1.09%	0.113%
27	10.329	1374	1382	1389	rBV	1253170	2244853	84.34%	8.756%
28	10.390	1389	1392	1403	rVB2	27839	53752	2.02%	0.210%
29	10.494	1403	1409	1416	rVB8	11717	28593	1.07%	0.112%
30	10.579	1416	1423	1433	rBV	197132	336707	12.65%	1.313%
31	10.707	1439	1444	1448	rVV	23795	37381	1.40%	0.146%
32	10.768	1448	1454	1459	rVB7	8355	18070	0.68%	0.070%
33	10.829	1459	1464	1473	rVB4	10719	31654	1.19%	0.123%
34	10.926	1473	1480	1490	rBV	208311	356158	13.38%	1.389%
35	11.030	1490	1497	1498	rBV4	8684	18005	0.68%	0.070%
36	11.067	1499	1503	1508	rVB2	22211	37892	1.42%	0.148%

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 Title : SFAM01.0

37	11.231	1524	1530	1535	rBV3	11096	19245	0.72%	0.075%
38	11.439	1560	1564	1572	rVB2	18294	38219	1.44%	0.149%
39	11.512	1572	1576	1585	rBV3	7201	15844	0.60%	0.062%
40	11.634	1588	1596	1604	rBV	1003144	1732335	65.08%	6.757%

41	11.731	1604	1612	1621	rVB	34491	67949	2.55%	0.265%
42	11.835	1621	1629	1646	rVB	93481	204697	7.69%	0.798%
43	12.060	1659	1666	1673	rBV	45259	76018	2.86%	0.297%
44	12.170	1673	1684	1691	rBV	80492	160190	6.02%	0.625%
45	12.249	1693	1697	1703	rVB5	6777	13010	0.49%	0.051%

46	12.341	1703	1712	1721	rBV8	13424	41318	1.55%	0.161%
47	12.469	1727	1733	1737	rBV2	13682	25511	0.96%	0.100%
48	12.524	1738	1742	1747	rVB7	7068	12465	0.47%	0.049%
49	12.603	1750	1755	1761	rVB2	25913	45490	1.71%	0.177%
50	12.694	1764	1770	1777	rVB	344252	558271	20.97%	2.178%

51	12.804	1777	1788	1792	rBV2	11167	25319	0.95%	0.099%
52	12.865	1793	1798	1802	rBV	55327	99741	3.75%	0.389%
53	12.902	1802	1804	1807	rVV	33806	46950	1.76%	0.183%
54	12.944	1807	1811	1823	rVB	58709	109044	4.10%	0.425%
55	13.103	1829	1837	1845	rBV	70536	130645	4.91%	0.510%

56	13.249	1854	1861	1866	rBV	123799	195535	7.35%	0.763%
57	13.292	1866	1868	1874	rVB3	15901	22157	0.83%	0.086%
58	13.408	1874	1887	1890	rBV5	16674	58193	2.19%	0.227%
59	13.438	1890	1892	1897	rVB	19051	24388	0.92%	0.095%
60	13.493	1897	1901	1905	rBV2	14214	24189	0.91%	0.094%

61	13.560	1905	1912	1925	rVB2	797711	1460343	54.87%	5.696%
62	13.719	1932	1938	1940	rBV	64620	96977	3.64%	0.378%
63	13.755	1940	1944	1947	rVV2	90426	161967	6.09%	0.632%
64	13.792	1947	1950	1954	rVV3	66355	122309	4.60%	0.477%
65	13.853	1954	1960	1970	rVV	796353	1316919	49.48%	5.137%

66	13.950	1970	1976	1981	rVV	91444	140337	5.27%	0.547%
67	14.011	1981	1986	1989	rVV	95388	165071	6.20%	0.644%
68	14.036	1989	1990	1994	rVV	67507	85264	3.20%	0.333%
69	14.097	1994	2000	2006	rVB	276088	425147	15.97%	1.658%
70	14.158	2006	2010	2012	rBV2	24842	37790	1.42%	0.147%

71	14.206	2012	2018	2023	rVV2	181415	323724	12.16%	1.263%
72	14.286	2023	2031	2035	rVV5	29429	71040	2.67%	0.277%
73	14.334	2035	2039	2044	rVB2	48901	79071	2.97%	0.308%
74	14.420	2044	2053	2056	rBV	224930	401181	15.07%	1.565%
75	14.456	2056	2059	2063	rVV	256646	370306	13.91%	1.444%

76	14.499	2063	2066	2070	rVV	97114	137253	5.16%	0.535%
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77	14.536	2070	2072	2075	rVV	24275	29450	1.11%	0.115%
78	14.572	2075	2078	2081	rVB	14320	17330	0.65%	0.068%
79	14.639	2081	2089	2093	rBV3	54980	103180	3.88%	0.402%
80	14.688	2093	2097	2100	rVV3	93673	154126	5.79%	0.601%
81	14.731	2100	2104	2108	rVB	112689	169426	6.37%	0.661%
82	14.804	2108	2116	2121	rBV3	312971	788375	29.62%	3.075%
83	14.853	2121	2124	2132	rVB	76109	130675	4.91%	0.510%
84	14.956	2137	2141	2144	rBV2	18005	32688	1.23%	0.128%
85	15.066	2149	2159	2170	rVV3	200148	654099	24.57%	2.551%
86	15.170	2170	2176	2184	rVB2	155870	353593	13.28%	1.379%
87	15.322	2195	2201	2204	rBV3	17594	38025	1.43%	0.148%
88	15.365	2204	2208	2213	rVV2	40226	71042	2.67%	0.277%
89	15.426	2213	2218	2221	rVV4	19958	42841	1.61%	0.167%
90	15.468	2221	2225	2229	rVV3	42626	85743	3.22%	0.334%
91	15.523	2230	2234	2248	rVB	41283	106340	4.00%	0.415%
92	15.651	2248	2255	2264	rBV	53902	114001	4.28%	0.445%
93	15.822	2270	2283	2294	rBV5	34221	135222	5.08%	0.527%
94	15.944	2298	2303	2308	rVV2	22513	45626	1.71%	0.178%
95	16.023	2309	2316	2332	rVB4	25595	78323	2.94%	0.306%
96	16.175	2334	2341	2353	rVB8	12421	35183	1.32%	0.137%
97	16.371	2369	2373	2379	rVV8	6890	15300	0.57%	0.060%
98	16.438	2379	2384	2390	rVV	26268	56517	2.12%	0.220%
99	16.517	2394	2397	2407	rVB8	7722	16817	0.63%	0.066%
100	16.645	2410	2418	2428	rBV3	28972	70317	2.64%	0.274%

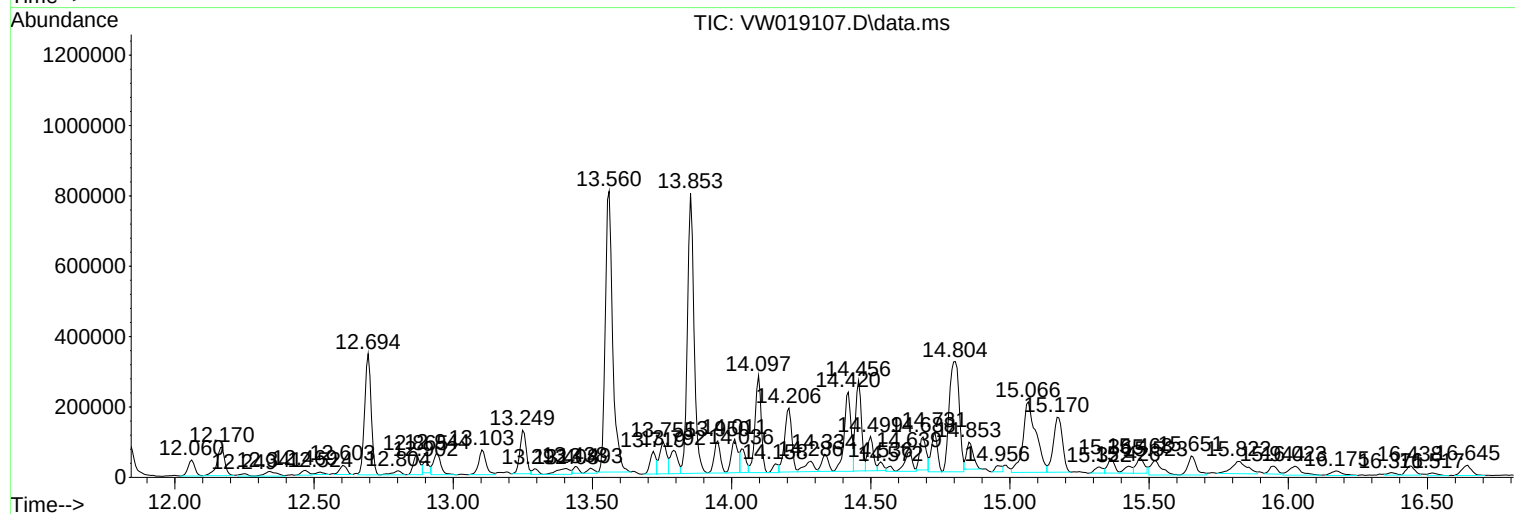
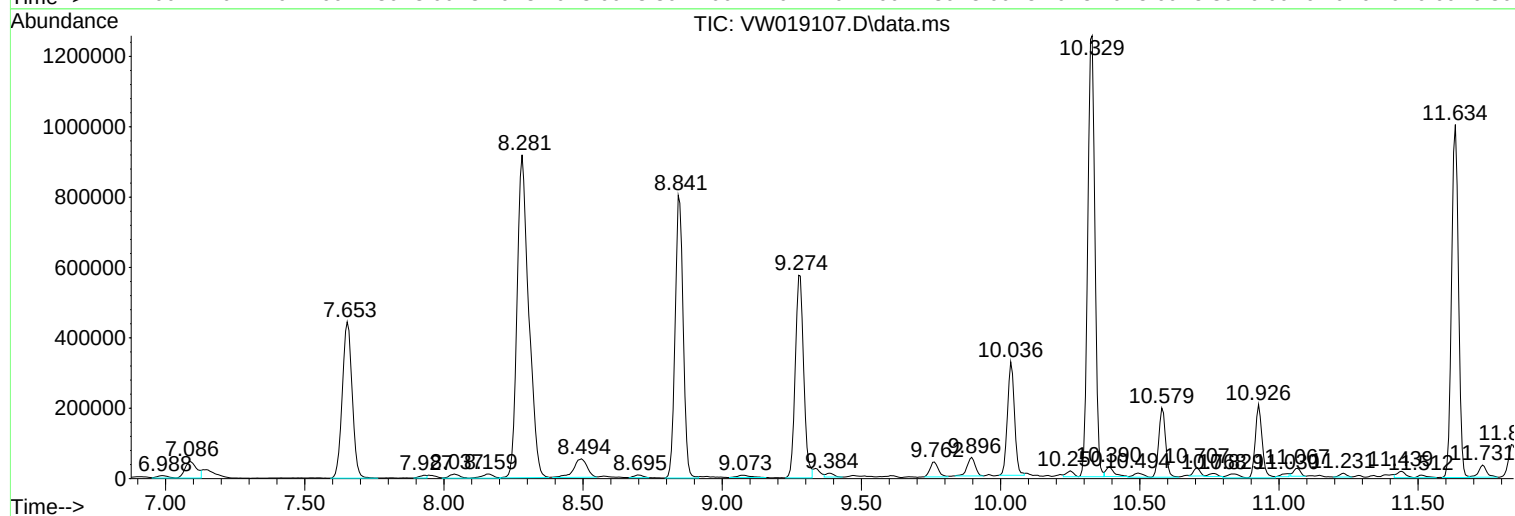
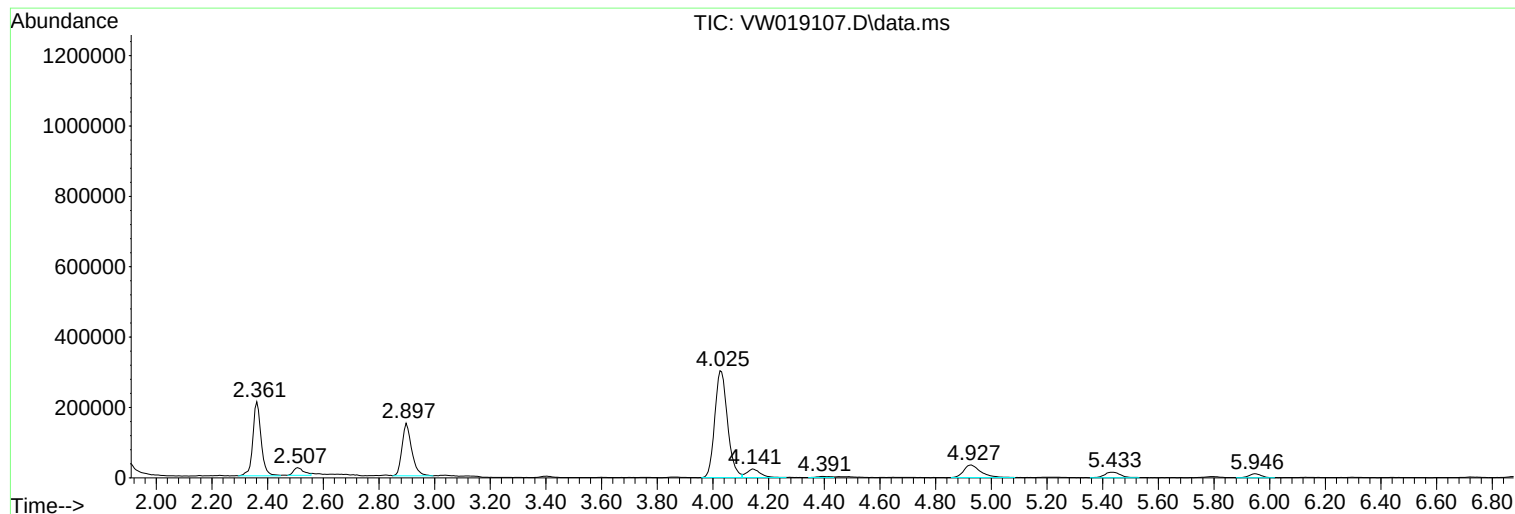
Sum of corrected areas: 25636809

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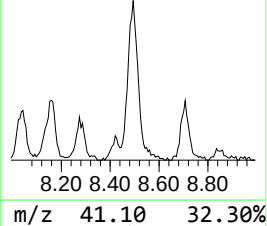
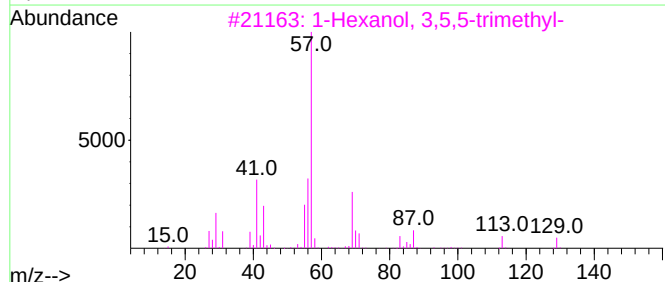
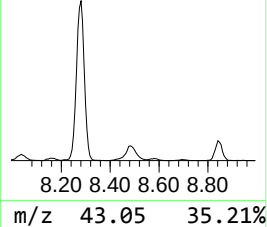
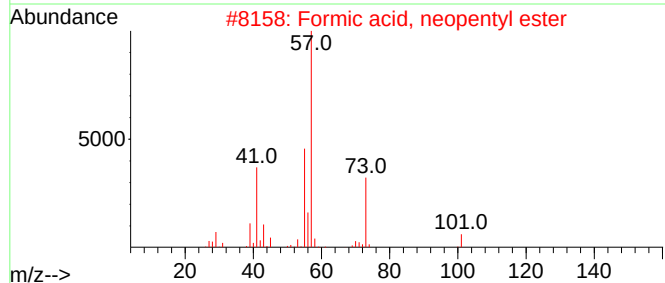
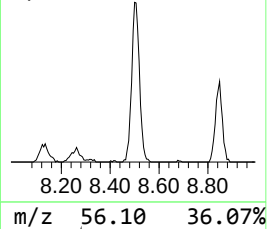
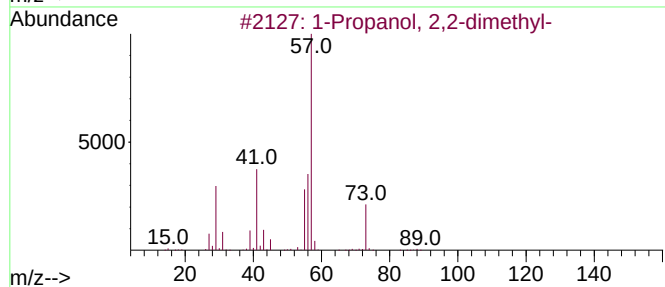
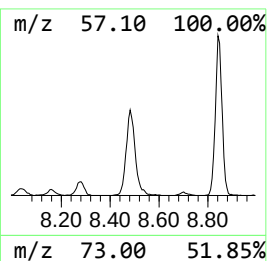
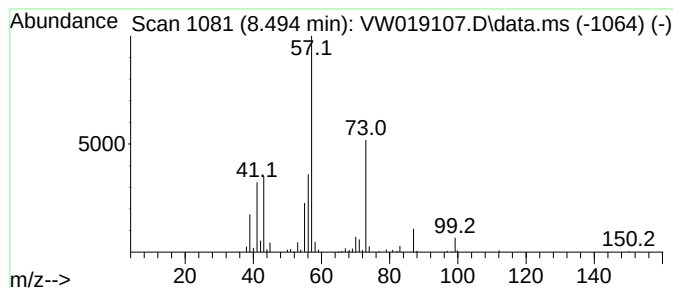
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 1-Propanol, 2,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.494	2.74 ug/L	175951	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	50
2			Formic acid, neopentyl ester	116	C6H12O2	1000367-90-3	50
3			1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	45
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43
5			Octane, 3-methyl-	128	C9H20	002216-33-3	37



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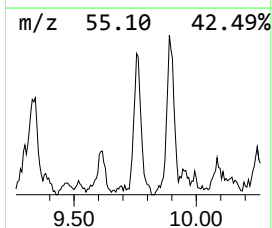
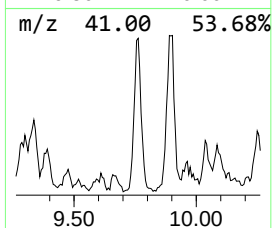
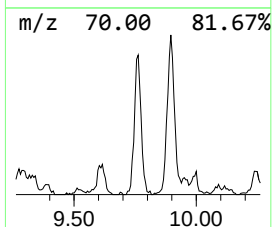
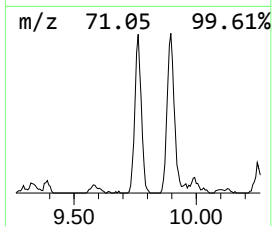
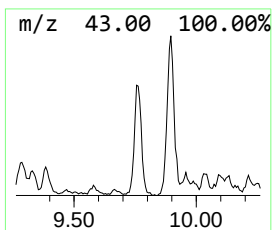
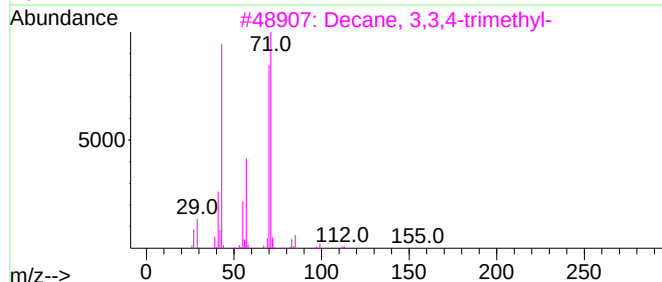
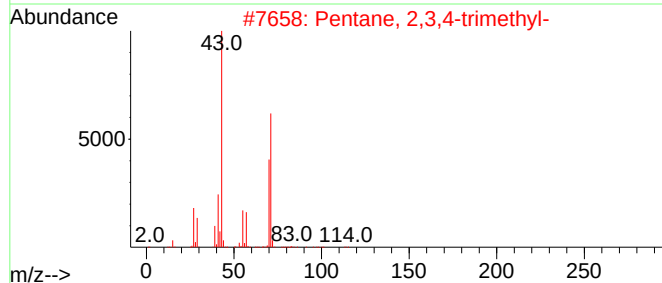
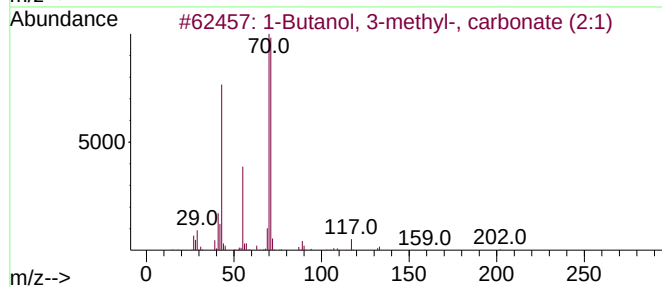
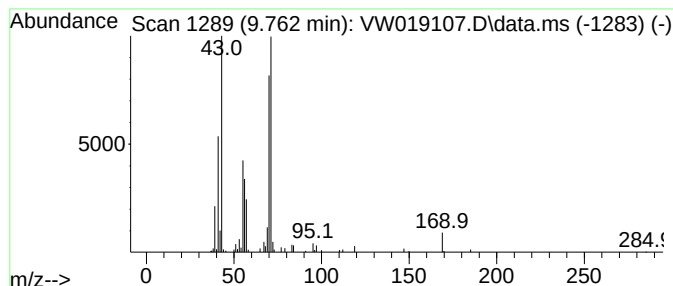
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Butanol, 3-methyl-, carbo... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	1.36 ug/L	87590	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	64
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
5			Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	64



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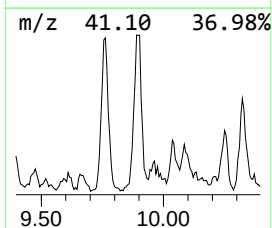
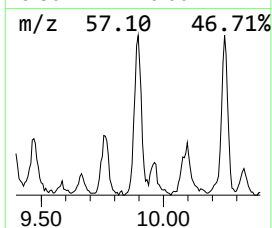
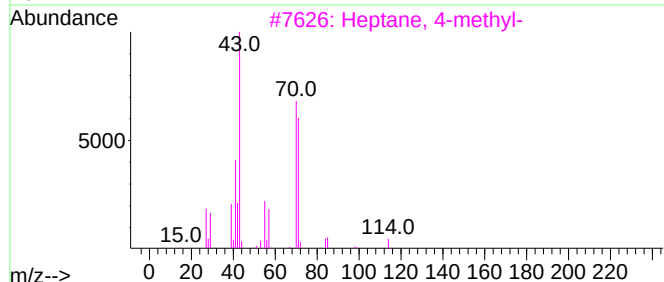
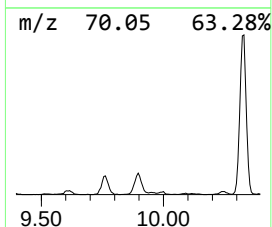
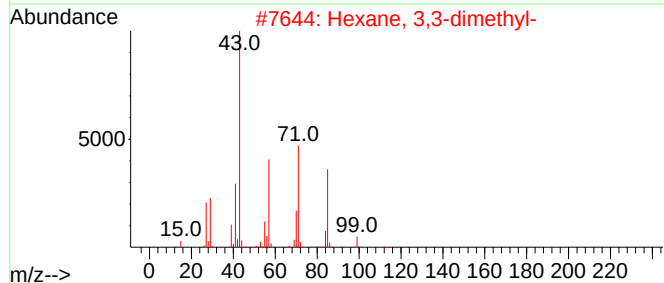
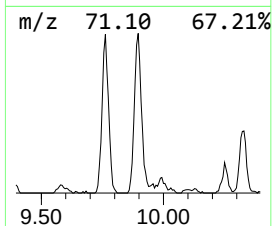
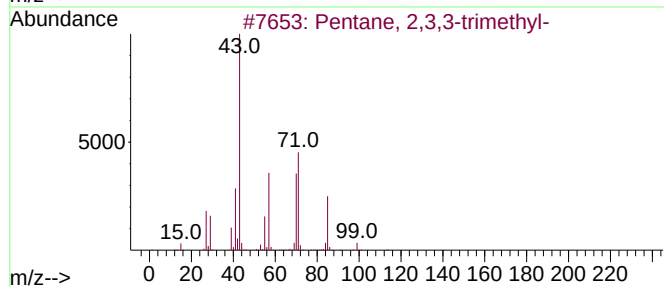
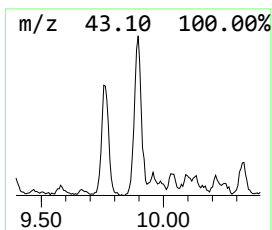
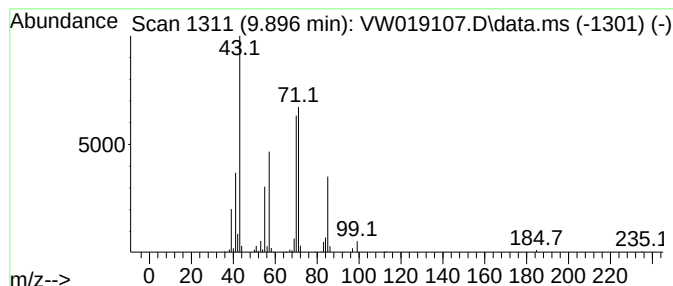
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	1.65 ug/L	105973	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5		3,4-Diethyl hexane	142	C10H22	019398-77-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

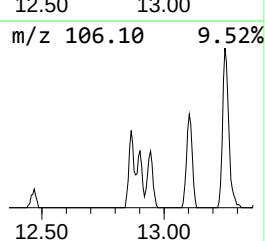
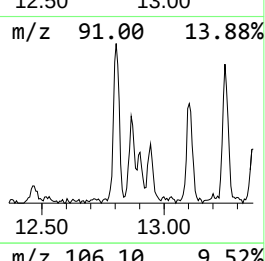
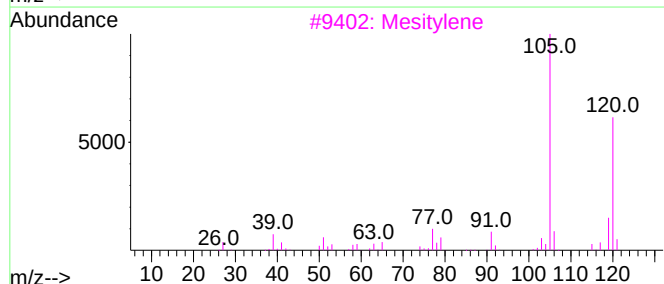
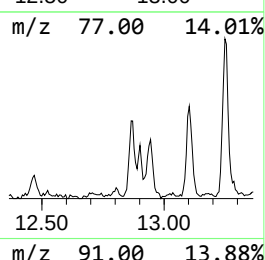
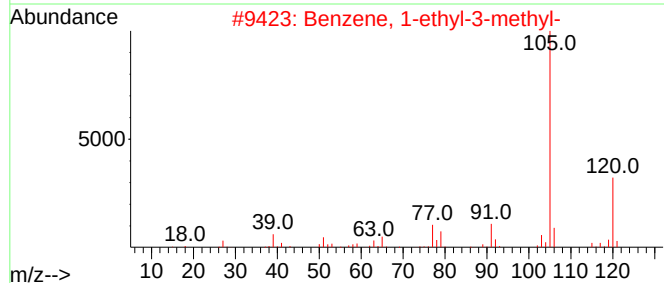
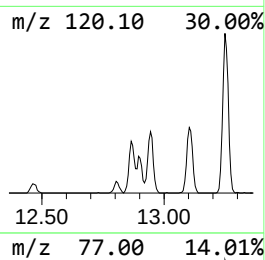
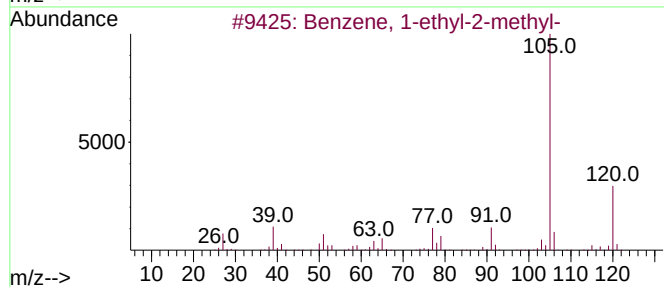
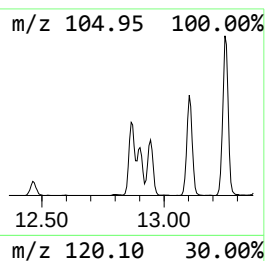
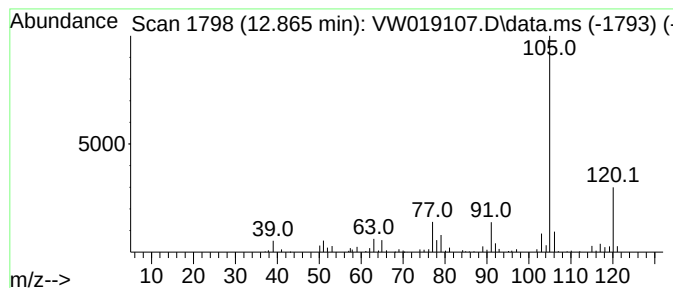
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.71 ug/L	99741	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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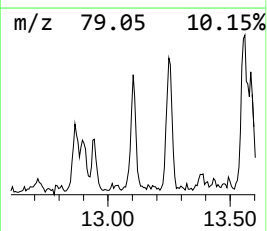
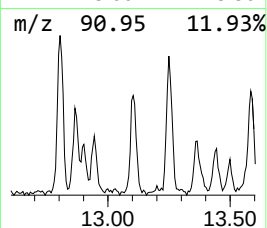
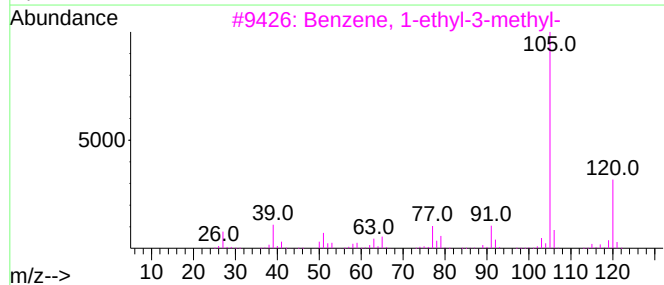
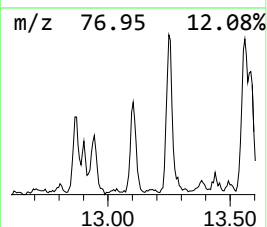
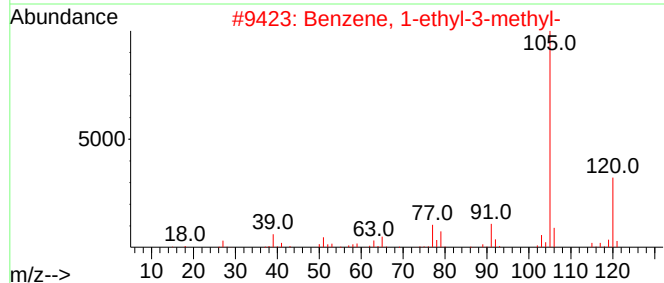
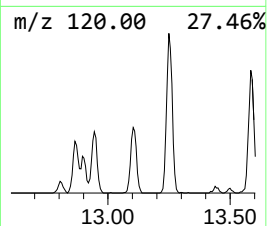
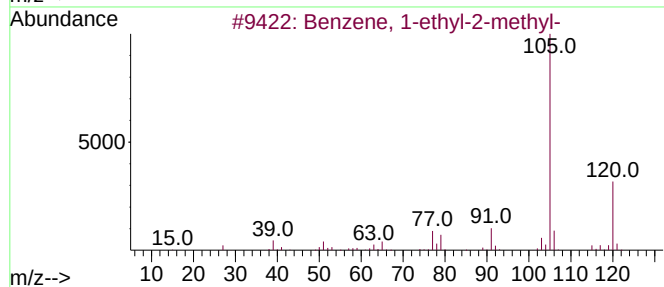
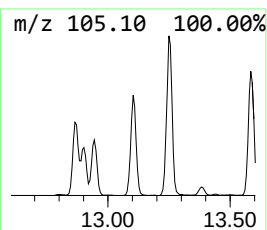
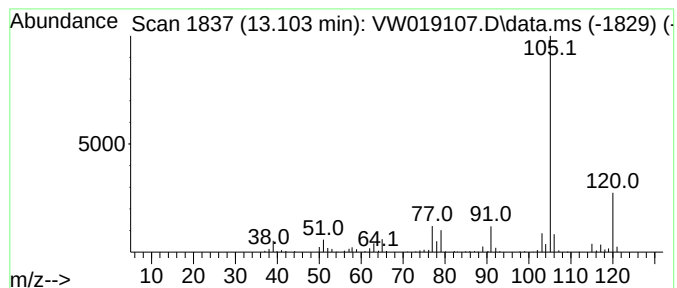
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	2.24 ug/L	130645	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

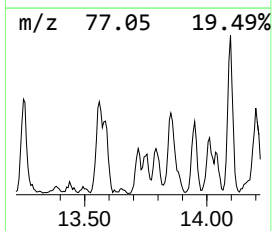
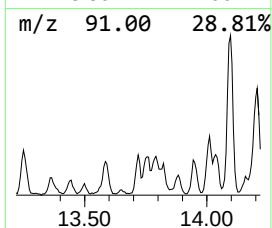
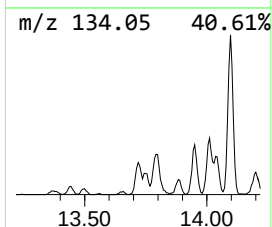
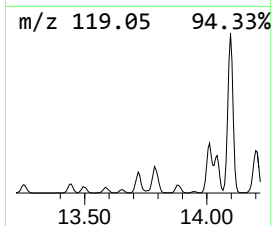
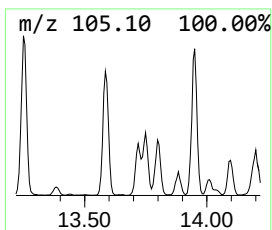
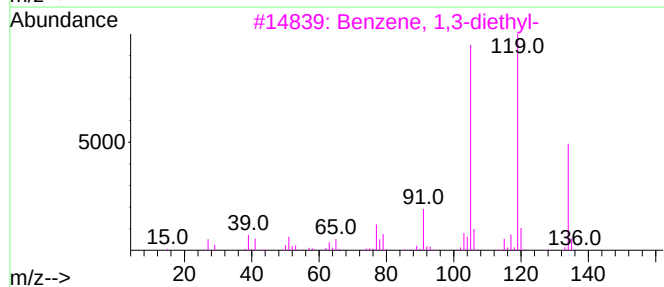
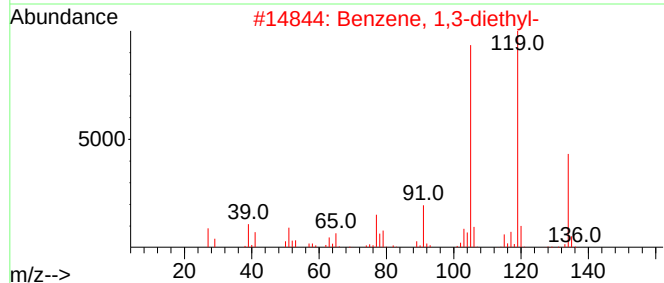
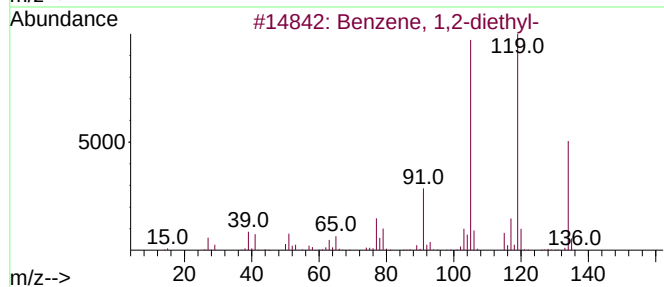
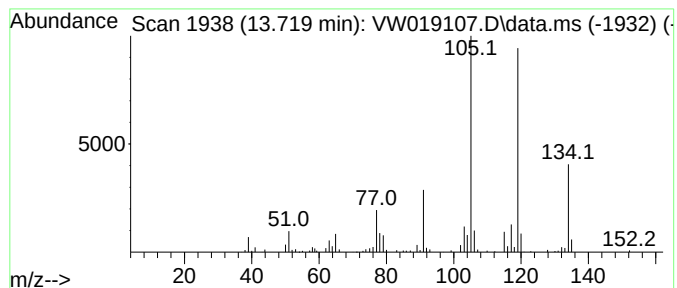
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	1.66 ug/L	96977	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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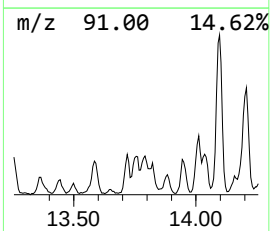
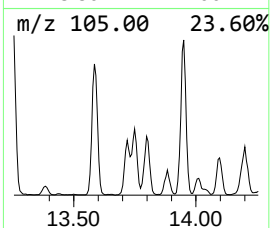
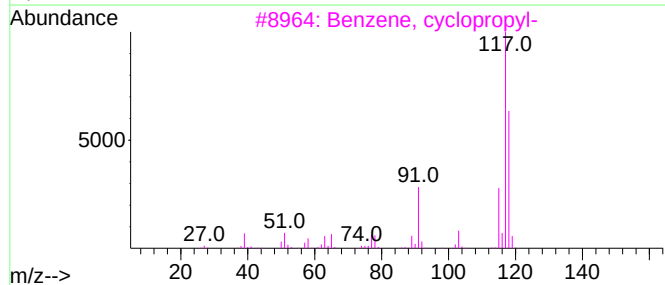
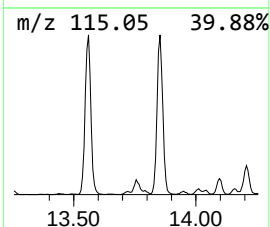
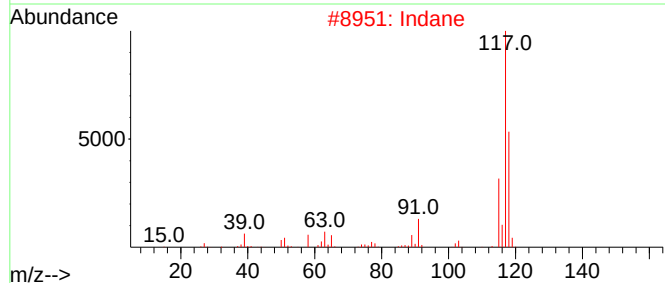
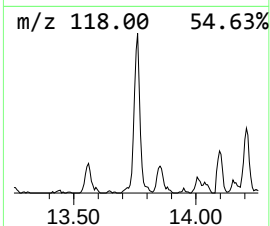
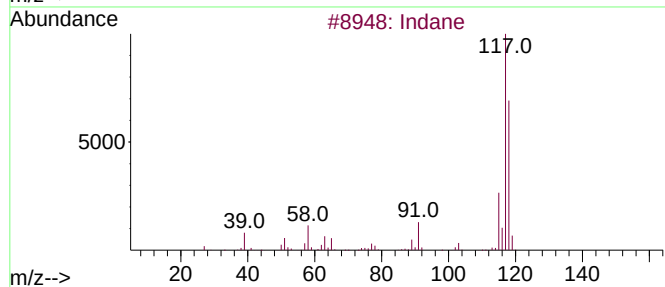
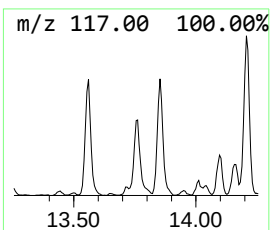
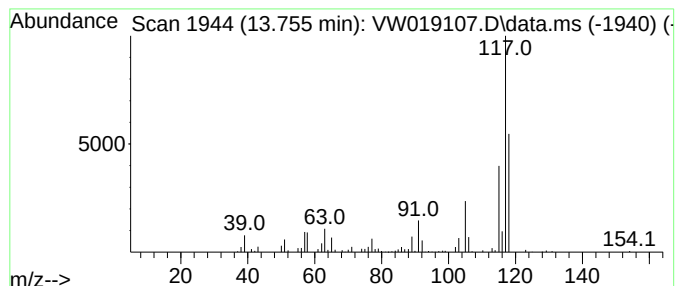
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Quant Title : SFAM01.0

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

Peak Number 8 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	2.77 ug/L	161967	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	70
2			Indane	118	C9H10	000496-11-7	64
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
4			Indane	118	C9H10	000496-11-7	58
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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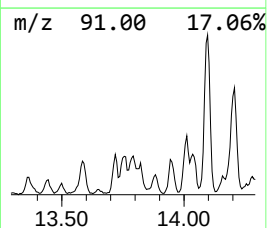
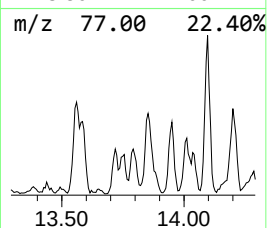
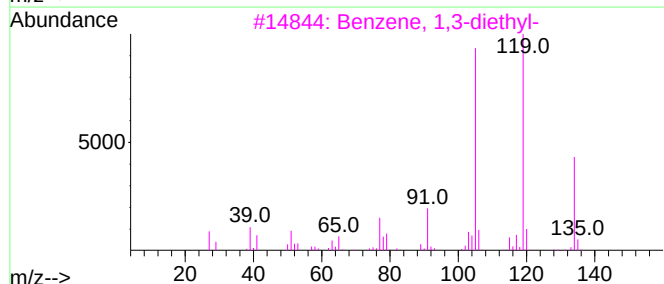
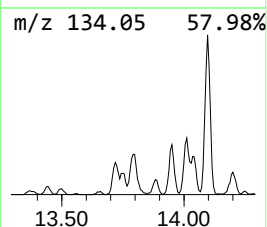
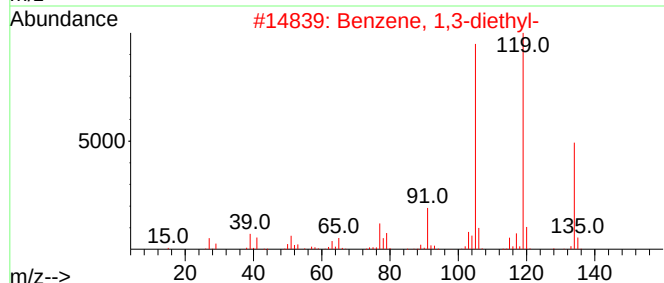
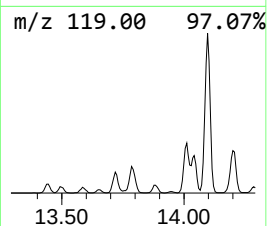
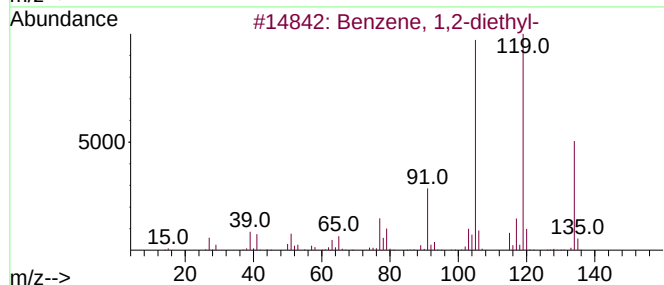
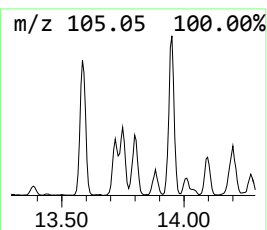
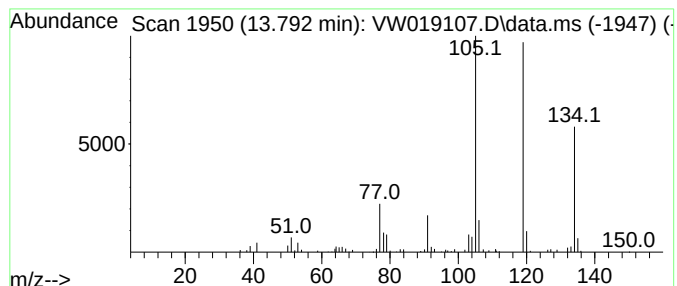
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	2.09 ug/L	122309	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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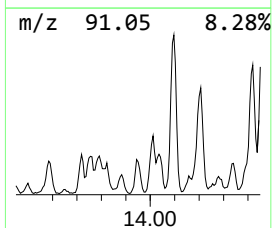
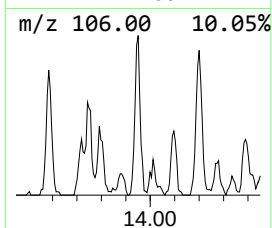
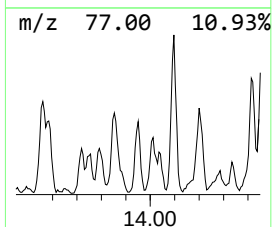
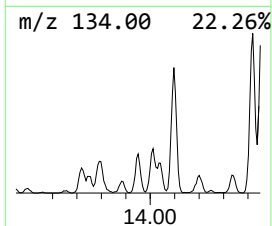
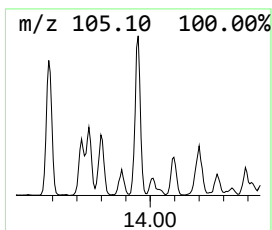
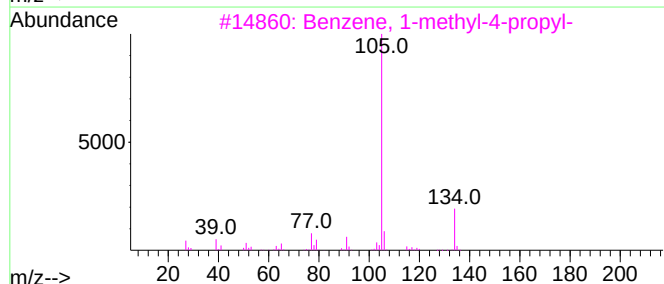
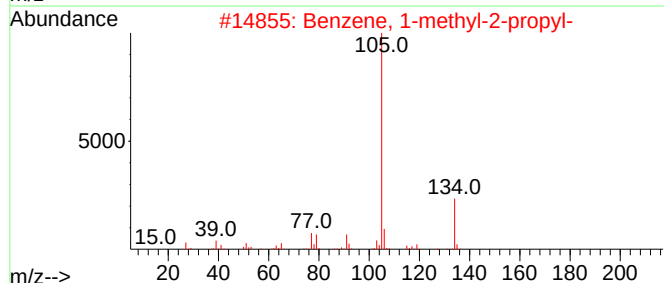
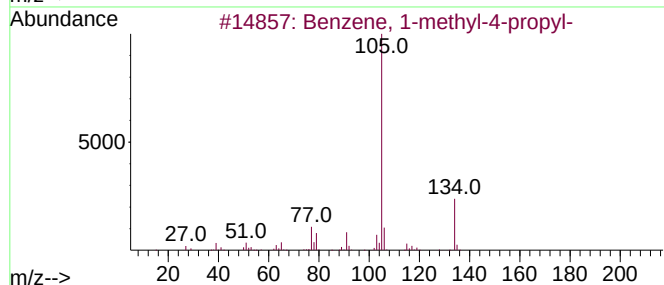
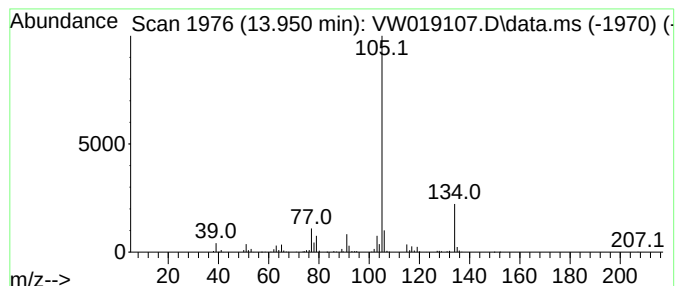
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	2.40 ug/L	140337	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

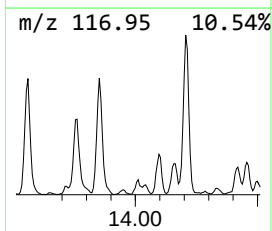
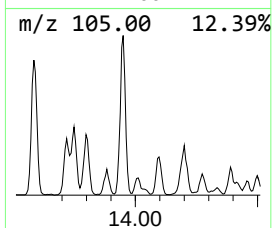
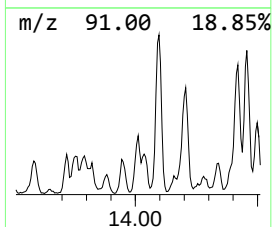
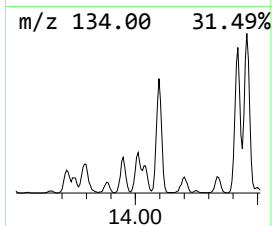
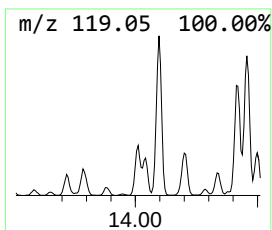
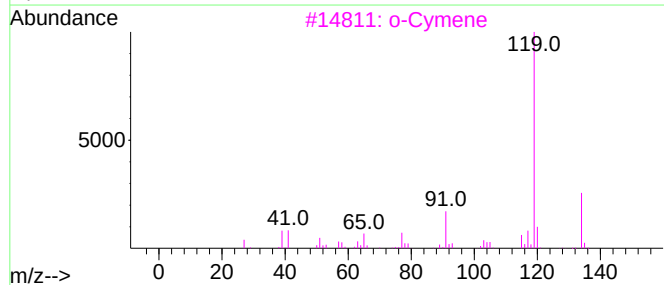
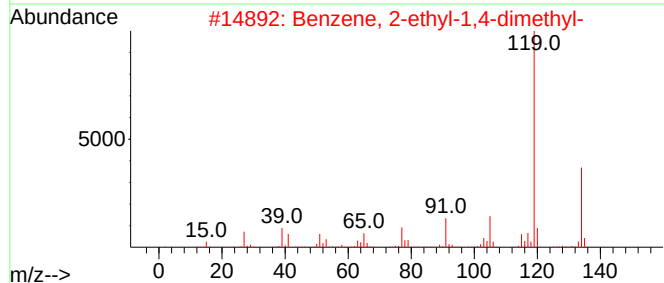
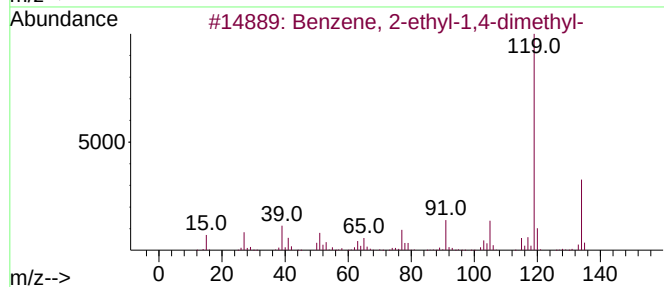
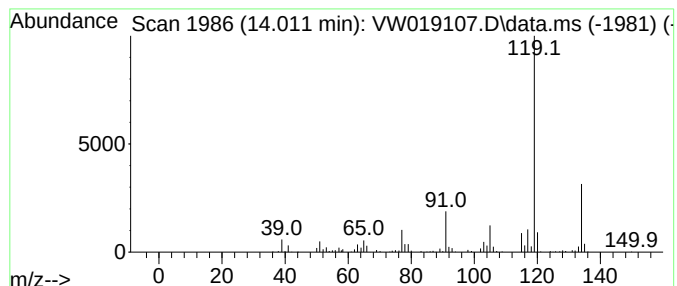
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	2.83 ug/L	165071	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

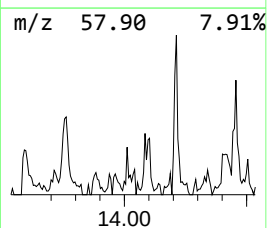
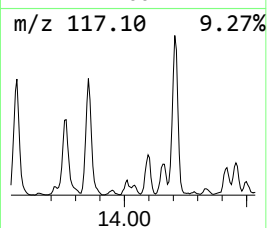
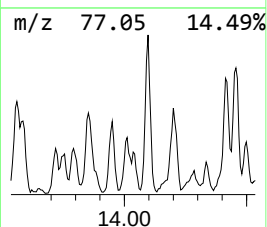
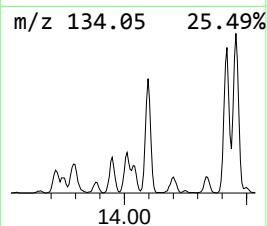
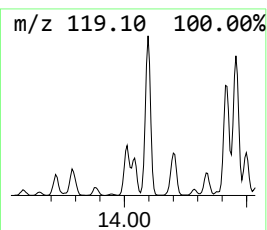
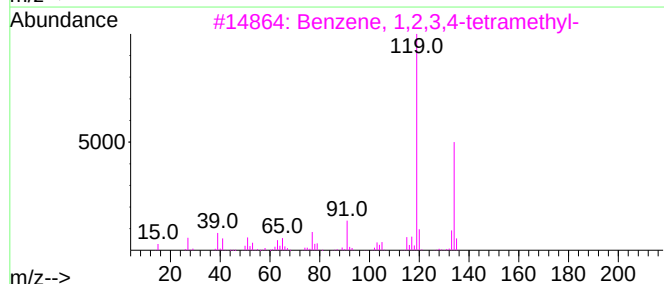
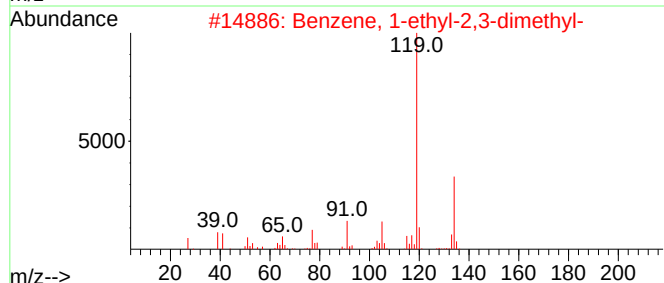
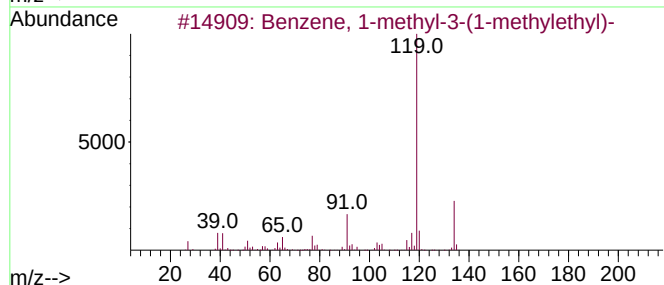
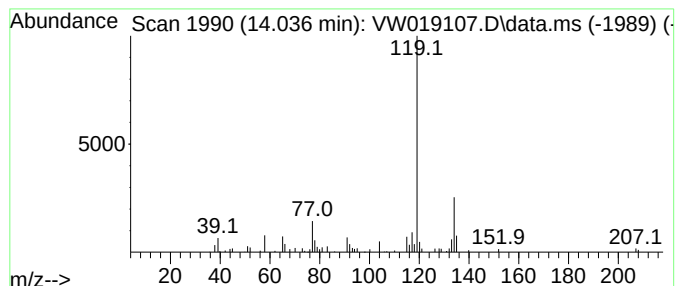
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	1.46 ug/L	85264	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
5			o-Cymene	134	C10H14	000527-84-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

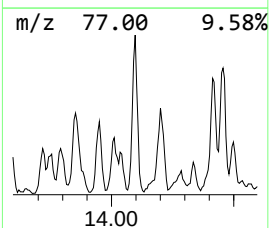
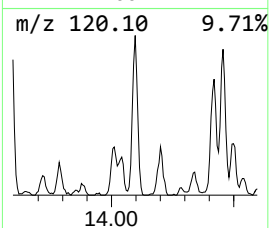
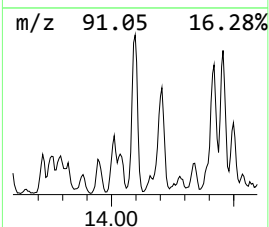
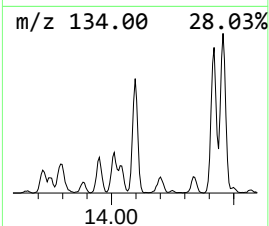
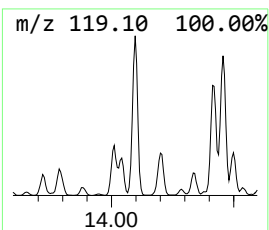
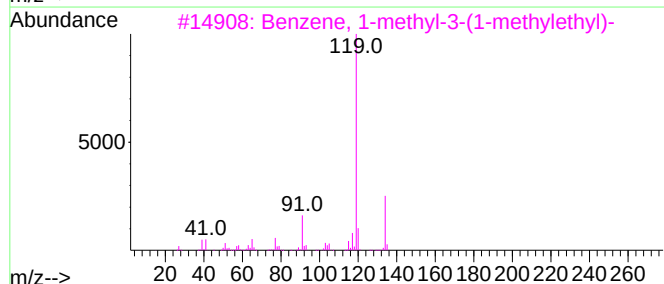
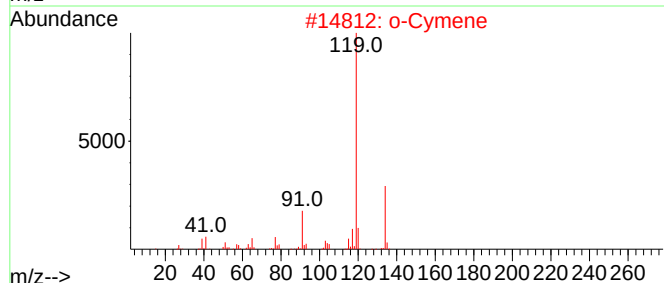
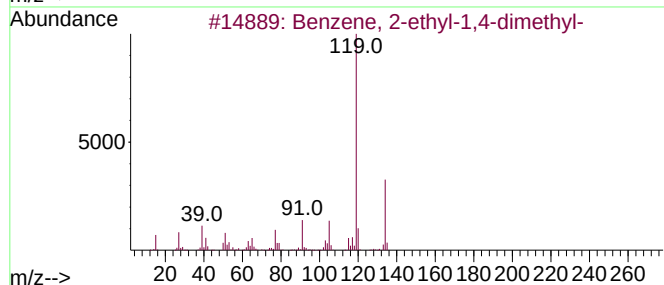
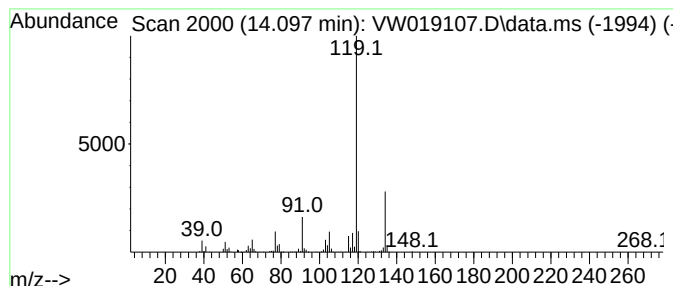
Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

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 13 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.097	7.28 ug/L	425147	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	95
2	o-Cymene		134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	95
4	o-Cymene		134	C10H14	000527-84-4	95
5	p-Cymene		134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

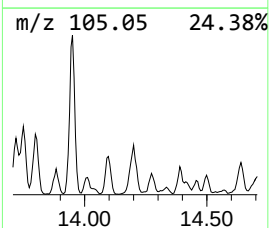
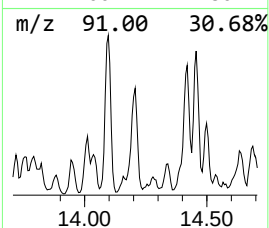
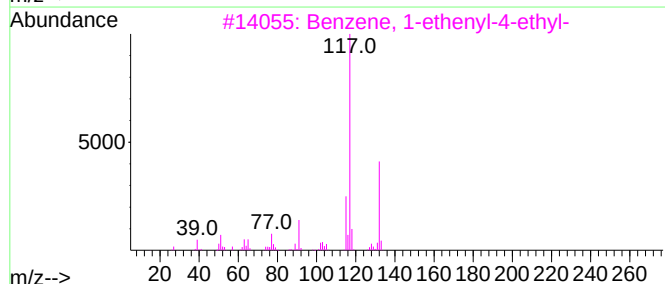
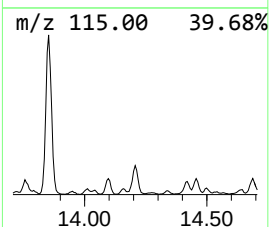
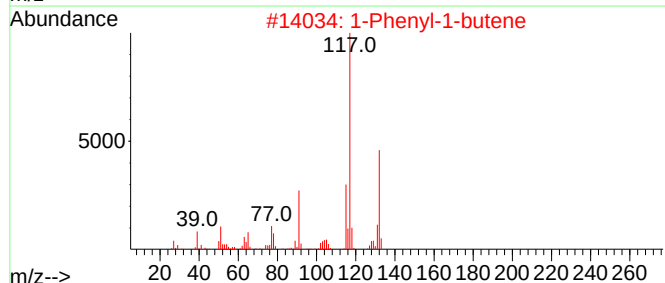
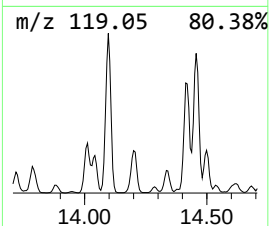
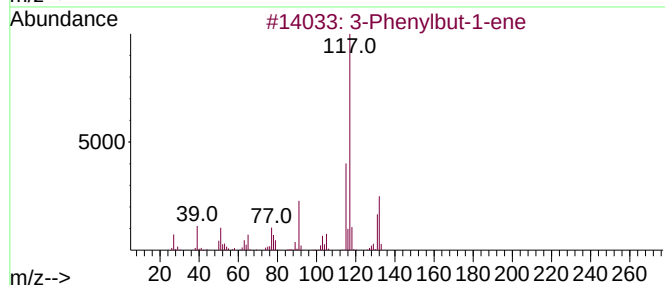
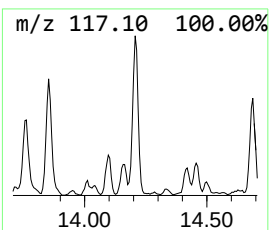
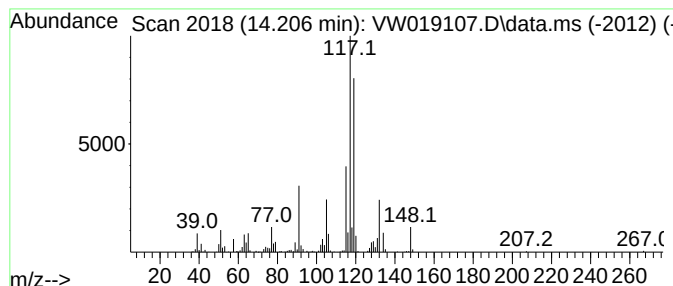
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Quant Title : SFAM01.0

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

Peak Number 14 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	5.54 ug/L	323724	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	46
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	46
4			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	45
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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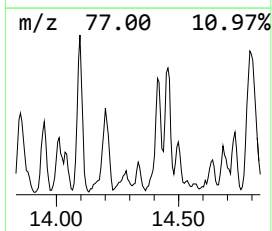
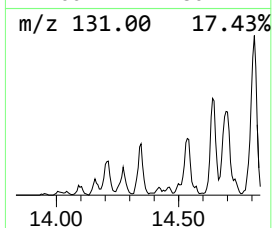
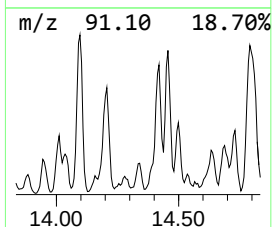
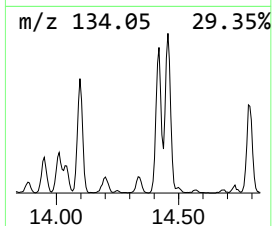
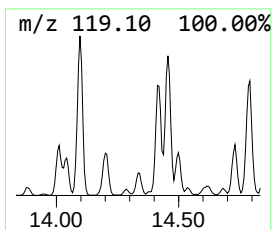
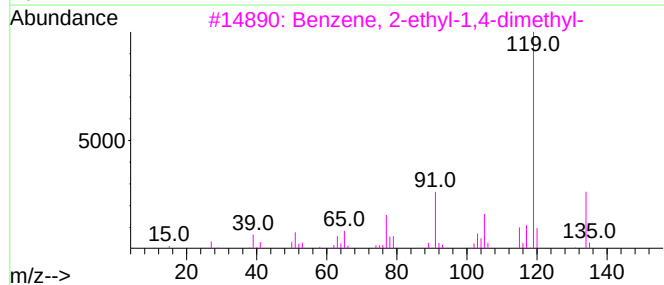
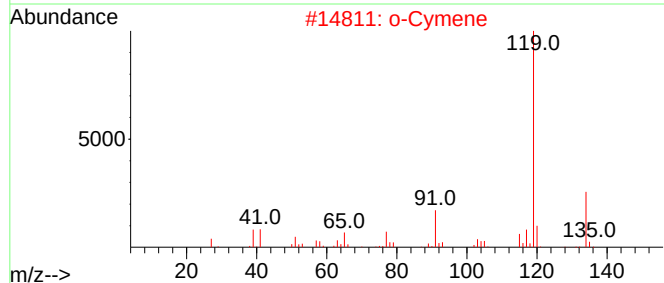
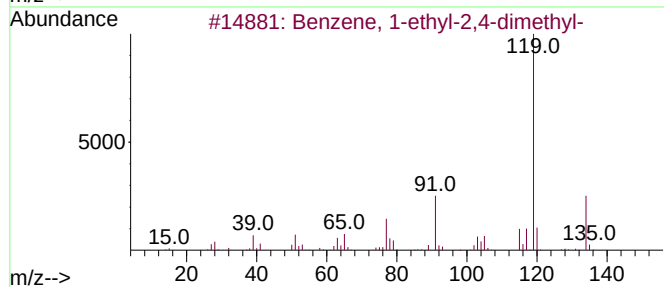
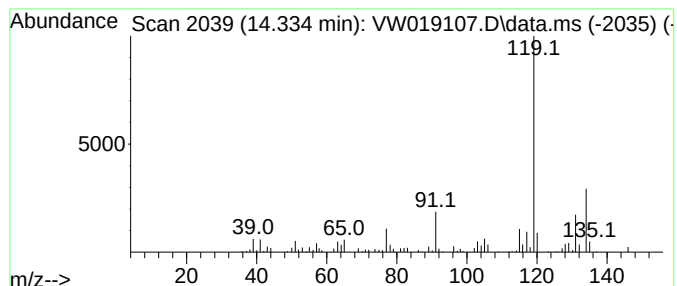
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	1.35 ug/L	79071	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2		o-Cymene	134	C10H14	000527-84-4	93
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4		p-Cymene	134	C10H14	000099-87-6	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

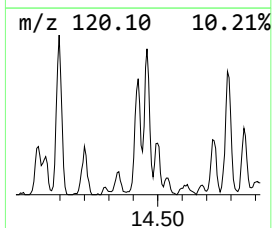
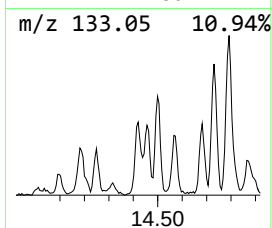
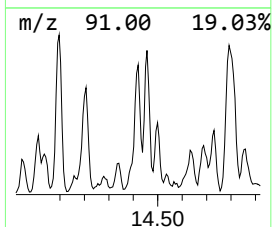
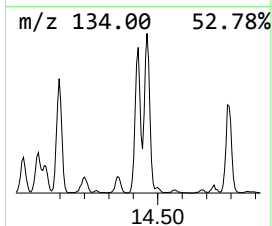
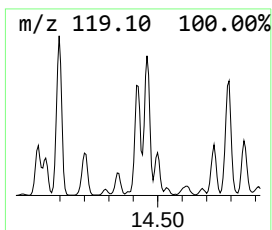
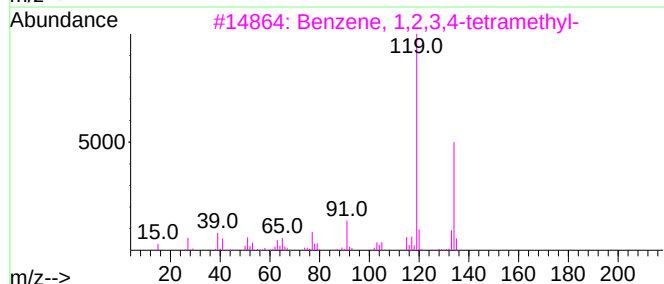
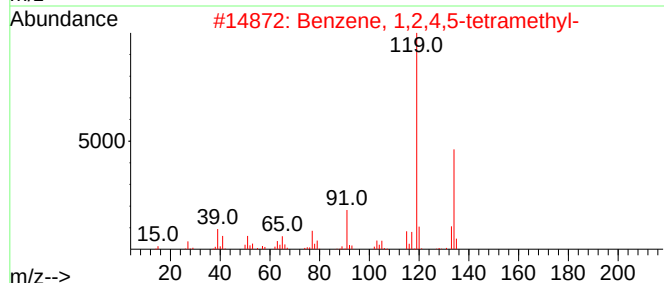
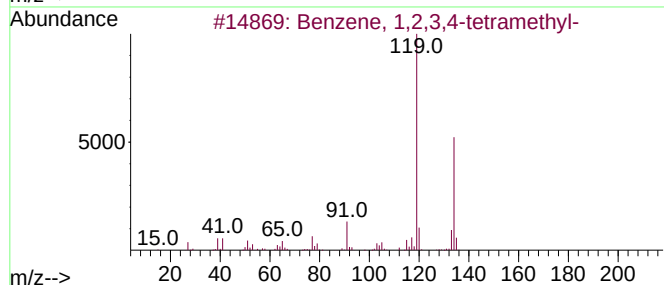
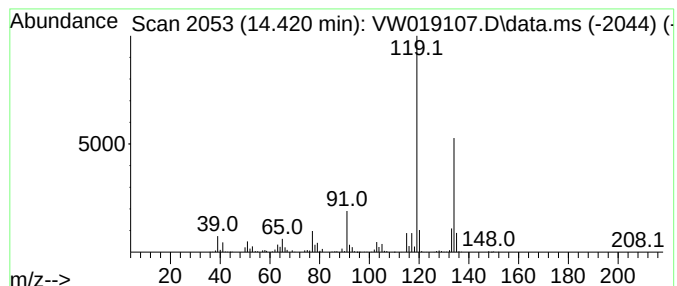
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	6.87 ug/L	401181	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	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

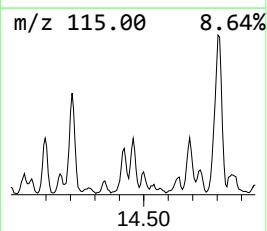
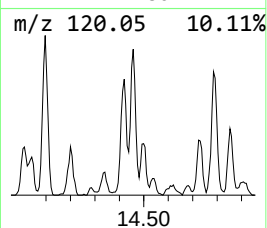
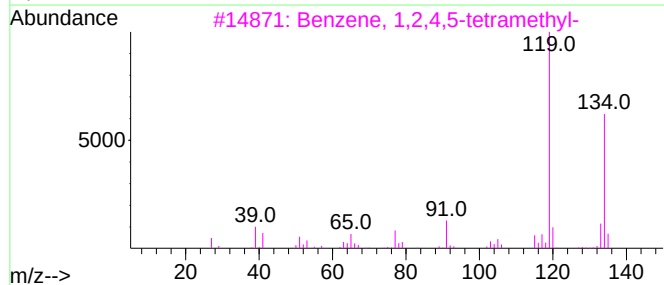
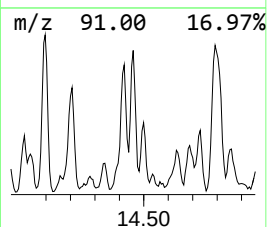
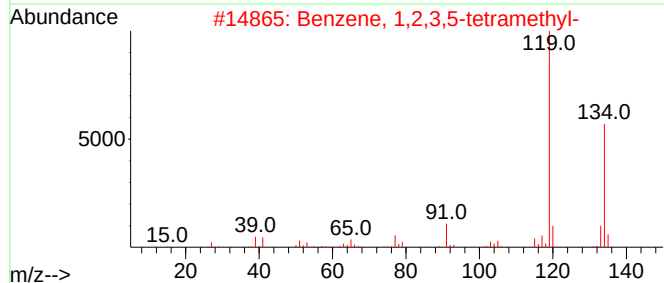
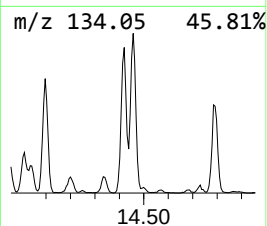
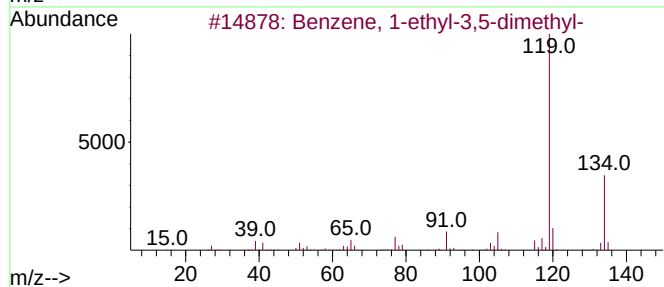
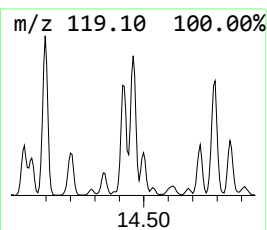
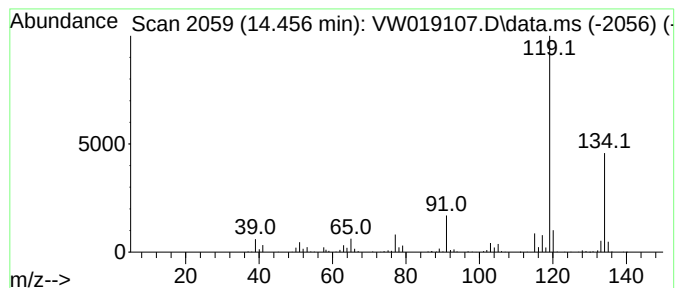
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	6.34 ug/L	370306	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

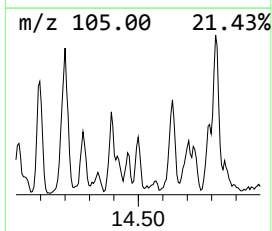
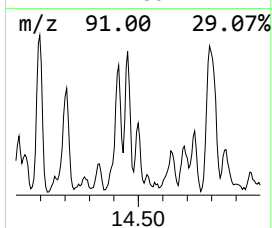
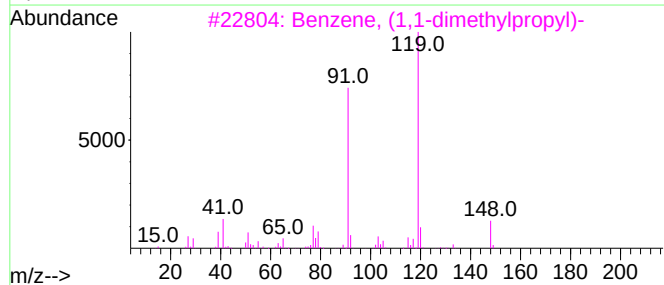
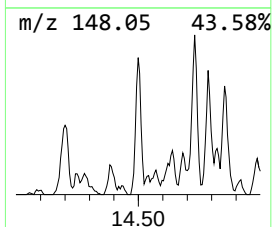
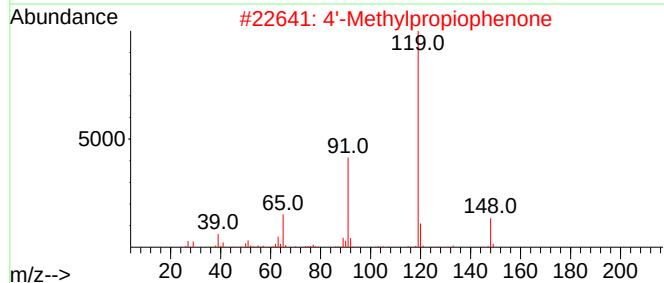
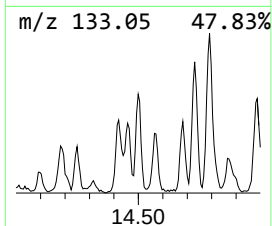
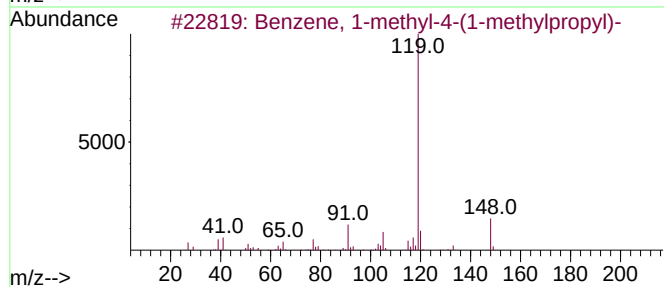
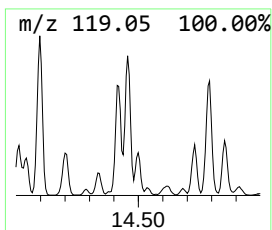
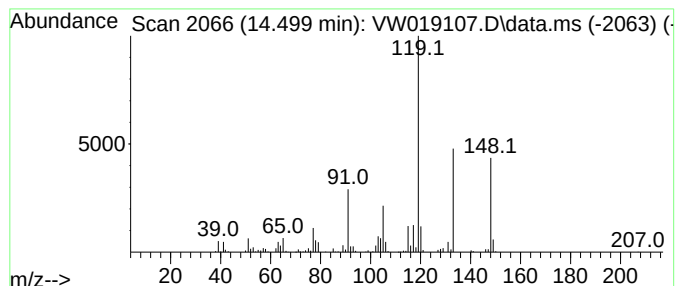
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Quant Title : SFAM01.0

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

Peak Number 18 4'-Methylpropiophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	2.35 ug/L	137253	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2			4'-Methylpropiophenone	148	C10H12O	005337-93-9	53
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	49
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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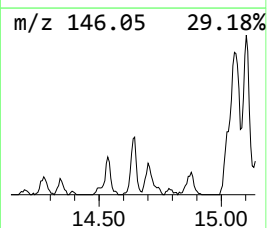
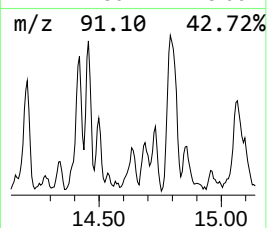
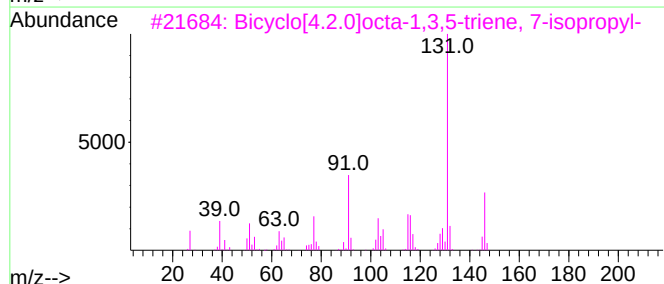
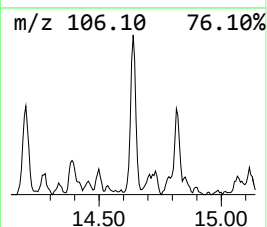
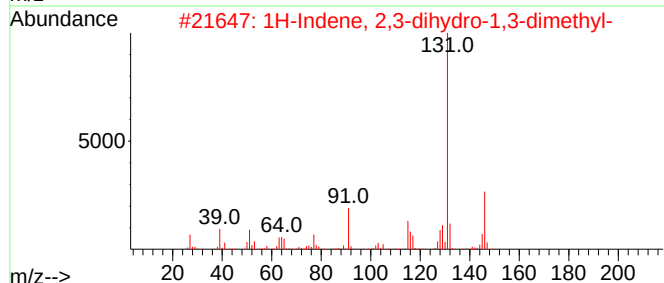
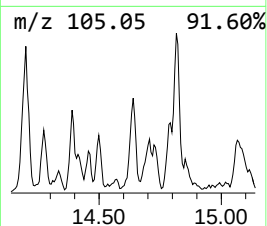
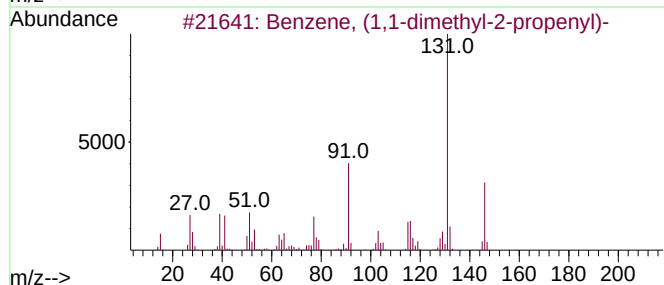
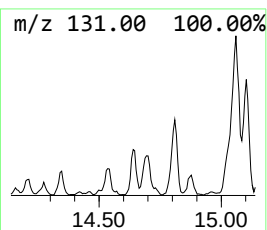
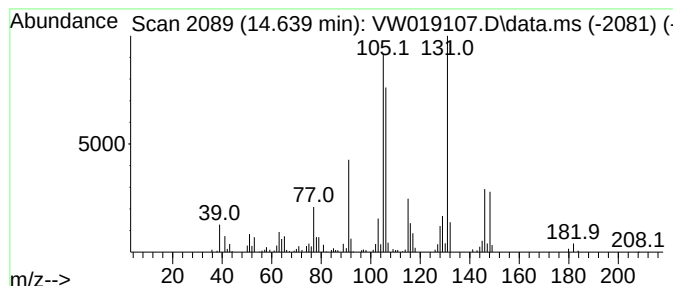
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, (1,1-dimethyl-2-pr... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	1.77 ug/L	103180	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	89
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	70
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

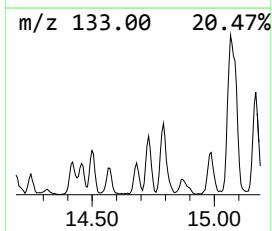
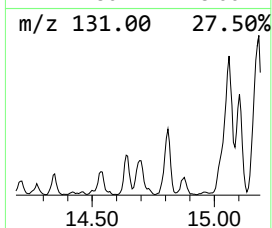
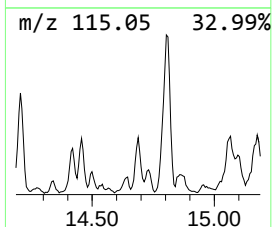
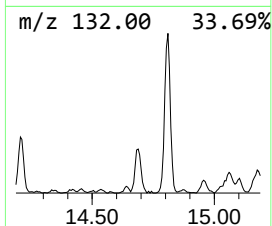
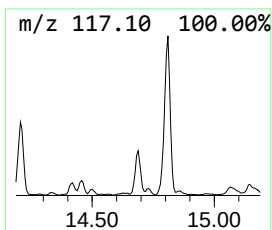
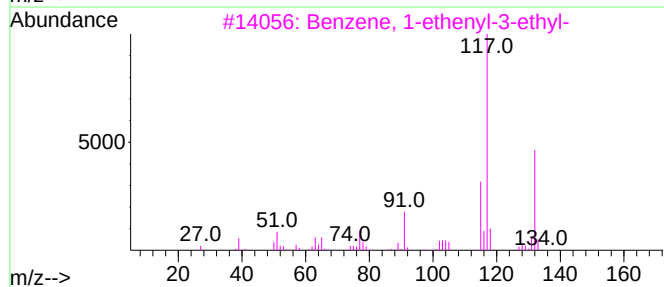
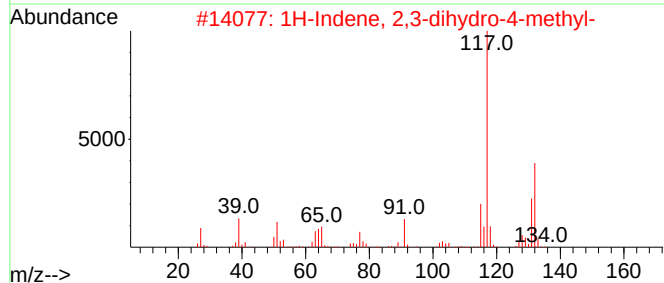
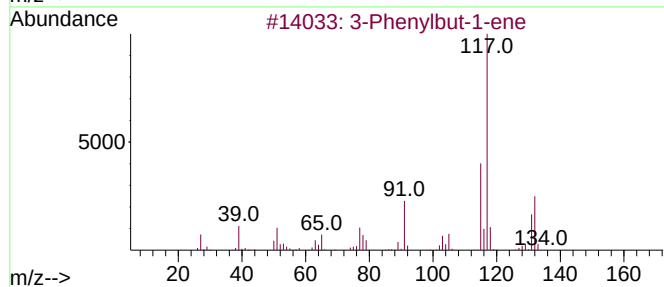
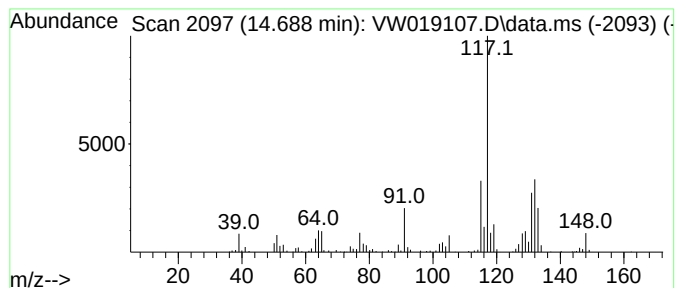
Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

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 20 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.688	2.64 ug/L	154126	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene		132	C10H12	000934-10-1	81
2	1H-Indene, 2,3-dihydro-4-methyl-		132	C10H12	000824-22-6	72
3	Benzene, 1-ethenyl-3-ethyl-		132	C10H12	007525-62-4	70
4	1H-Indene, 2,3-dihydro-5-methyl-		132	C10H12	000874-35-1	64
5	Benzene, 1-ethenyl-4-ethyl-		132	C10H12	003454-07-7	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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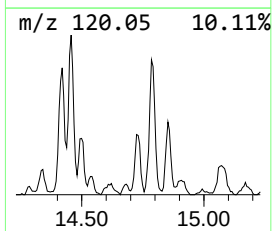
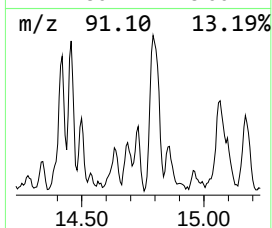
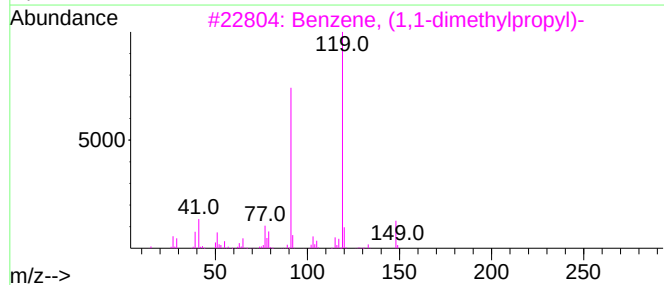
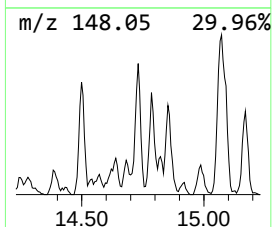
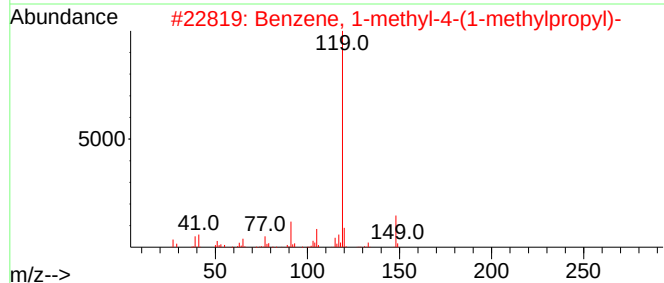
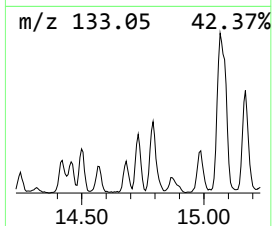
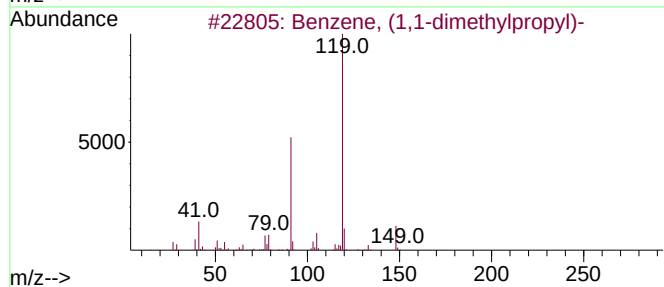
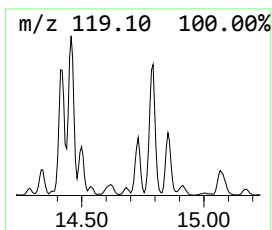
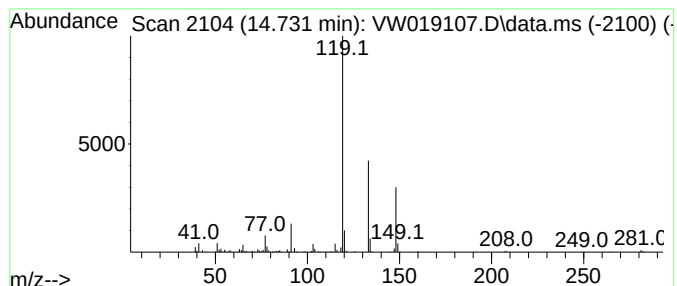
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, (1,1-dimethylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	2.90 ug/L	169426	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4			o-Cymene	134	C10H14	000527-84-4	49
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

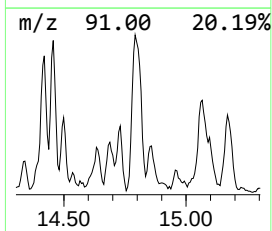
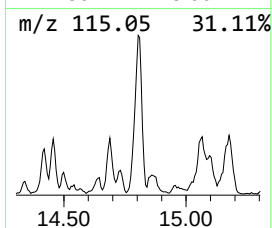
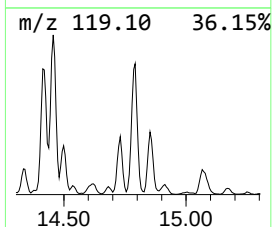
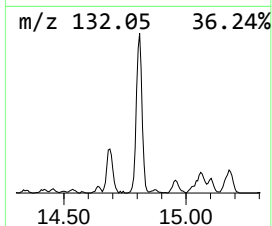
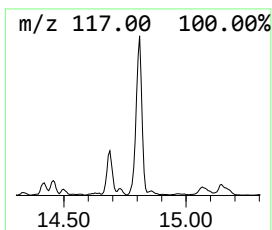
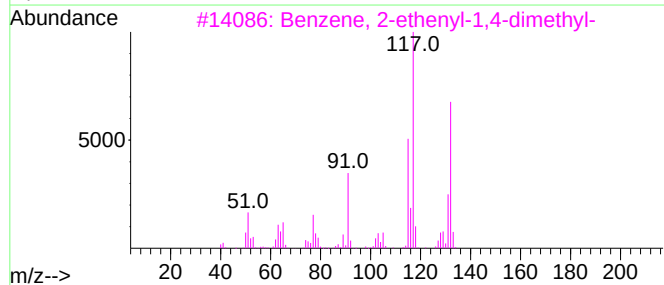
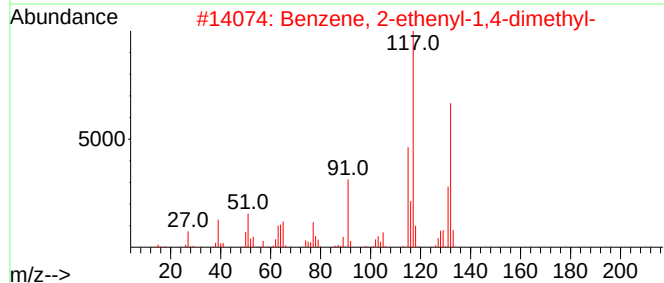
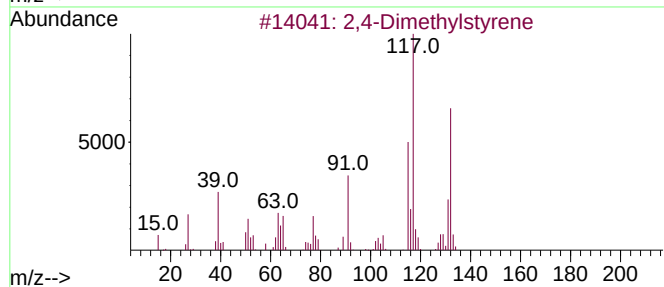
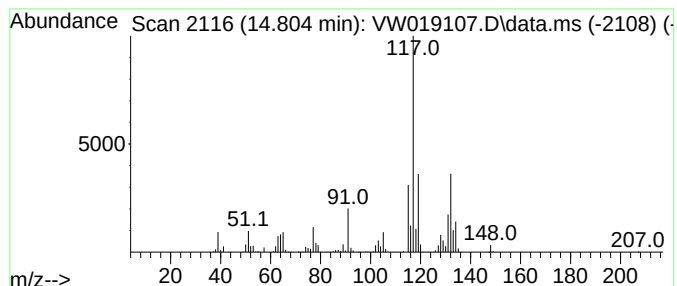
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 22 2,4-Dimethylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.804	13.50 ug/L	788375	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene		132	C10H12	002234-20-0	92
2	Benzene, 2-ethenyl-1,4-dimethyl-		132	C10H12	002039-89-6	92
3	Benzene, 2-ethenyl-1,4-dimethyl-		132	C10H12	002039-89-6	90
4	Benzene, 1-methyl-4-(2-propenyl)-		132	C10H12	003333-13-9	90
5	Benzene, 2-ethenyl-1,3-dimethyl-		132	C10H12	002039-90-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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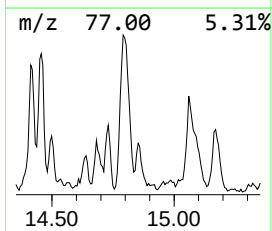
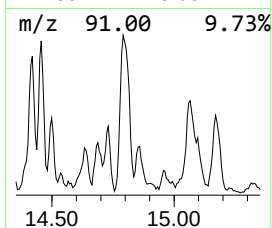
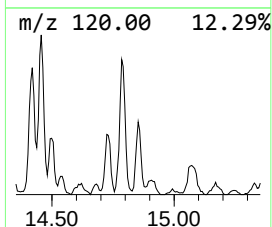
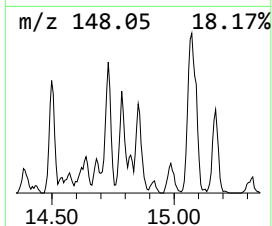
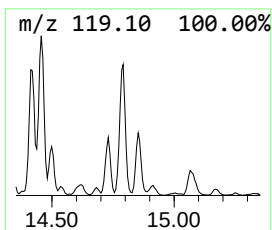
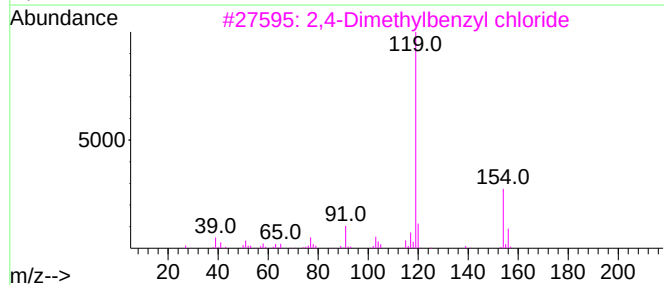
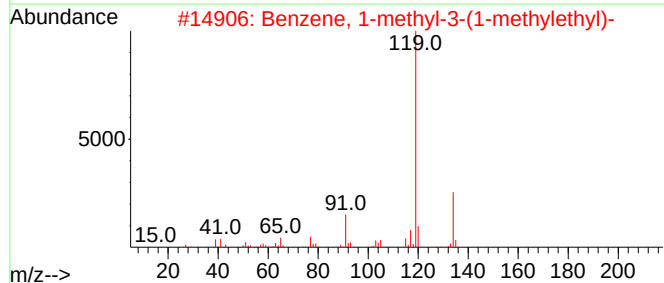
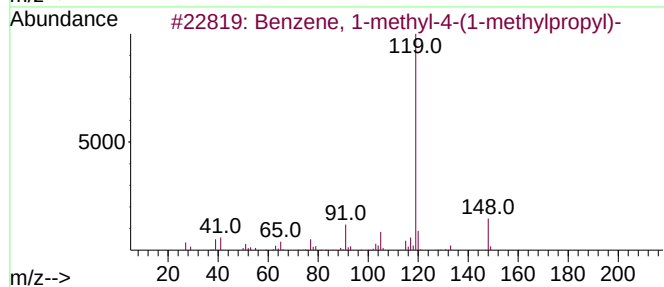
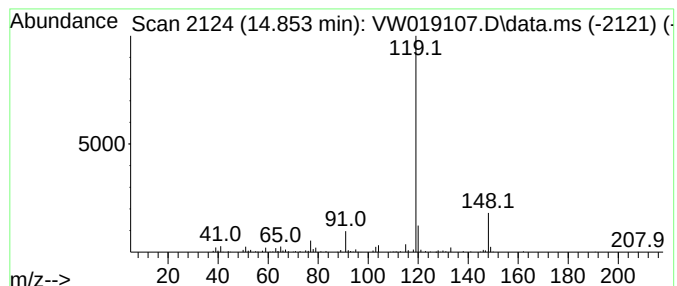
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.852	2.24 ug/L	130675	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	83
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
3			2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	64
4			1,3-Dithiolane, 2-benzyl-2-methyl-	210	C11H14S2	020137-72-8	64
5			p-Toluic acid, 3,5-difluoropheny...	248	C14H10F2O2	1000292-64-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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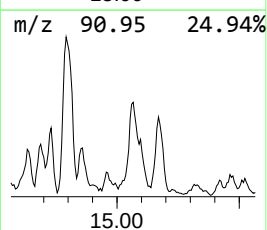
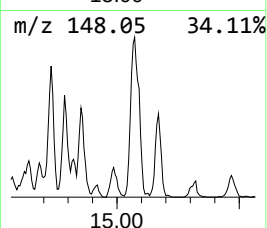
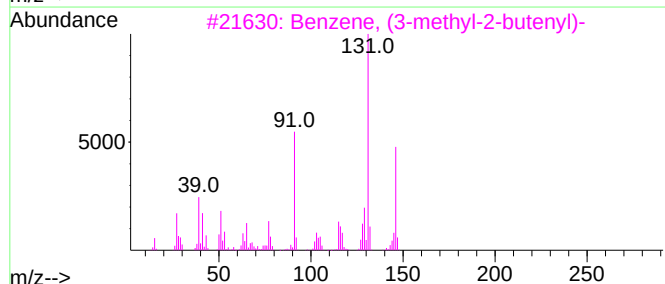
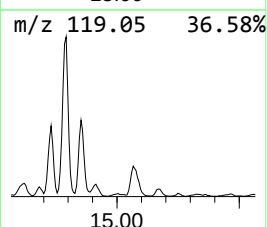
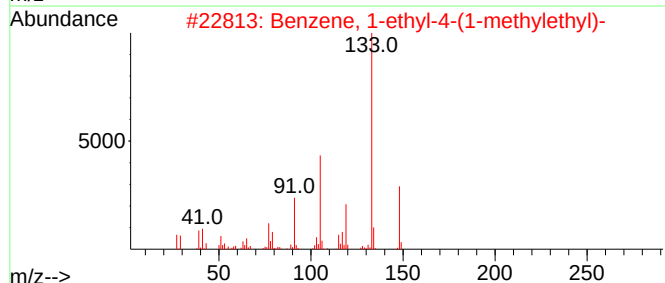
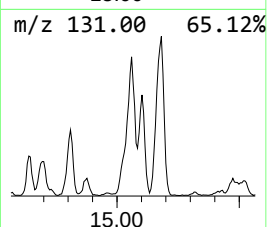
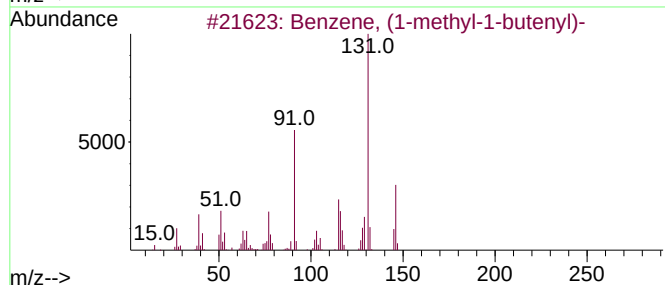
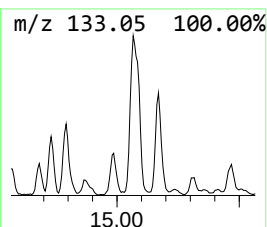
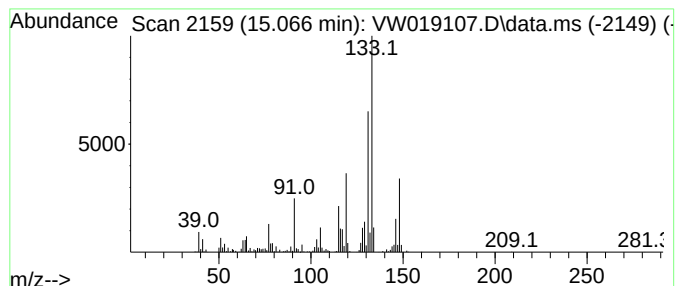
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzene, (1-methyl-1-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	11.20 ug/L	654099	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	84
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

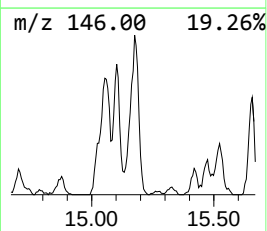
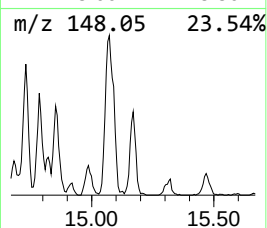
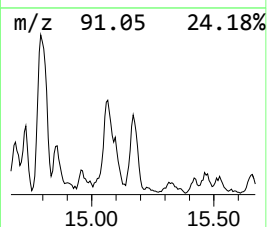
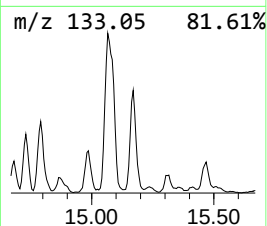
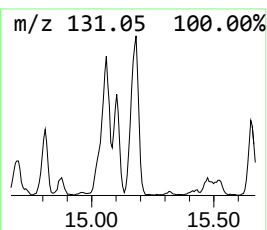
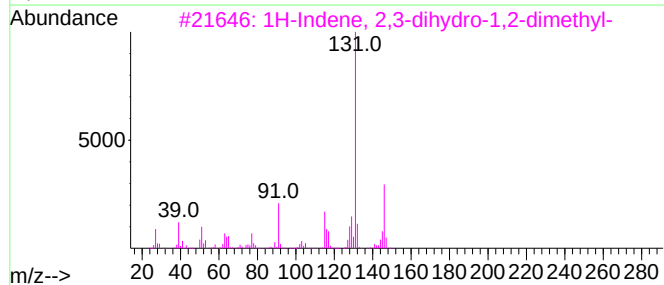
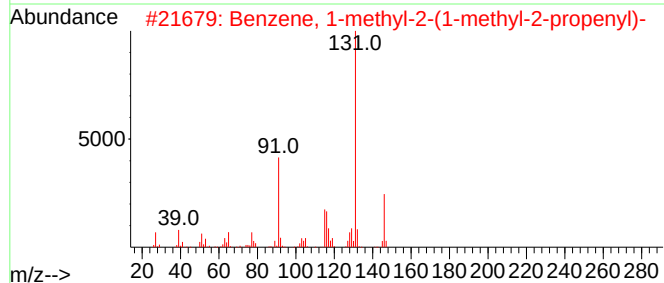
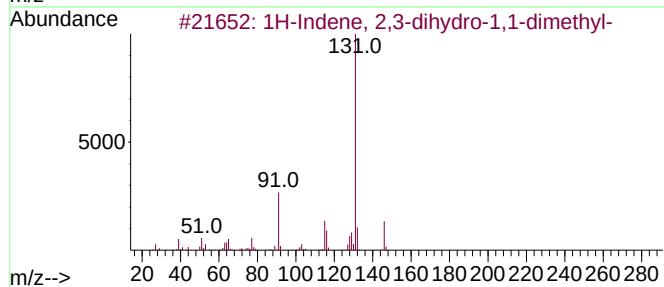
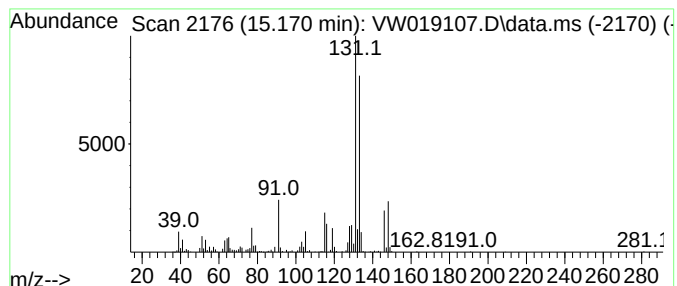
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Quant Title : SFAM01.0

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

Peak Number 25 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	6.05 ug/L	353593	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	89
2			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

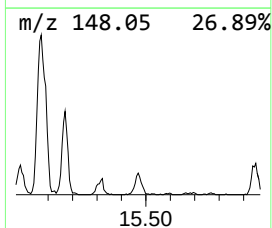
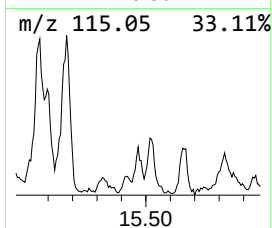
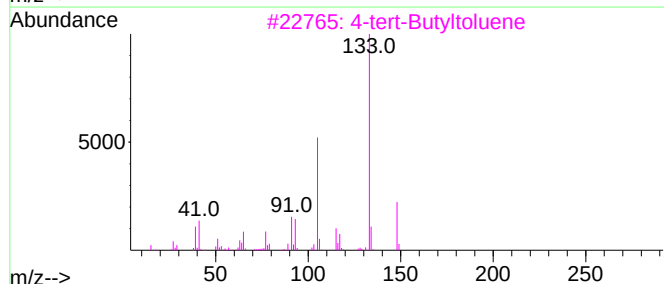
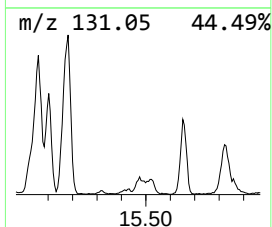
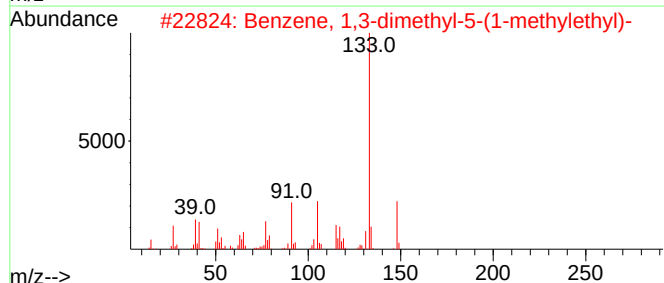
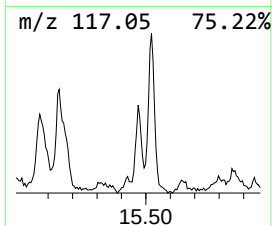
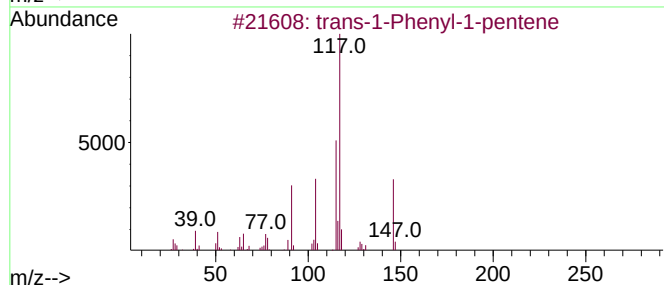
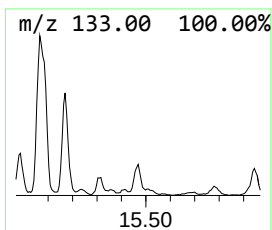
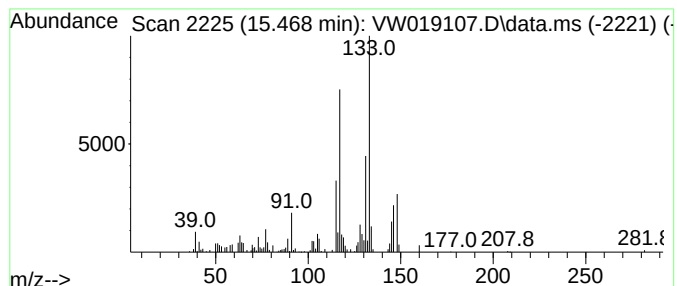
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	1.47 ug/L	85743	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	38
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
3			4-tert-Butyltoluene	148	C11H16	000098-51-1	30
4			2-tert-Butyltoluene	148	C11H16	001074-92-6	30
5			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

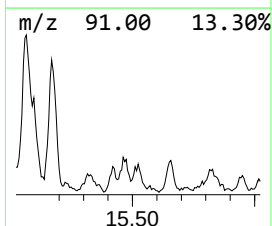
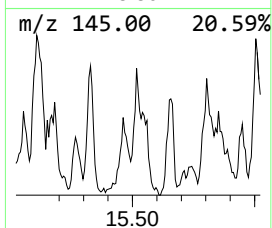
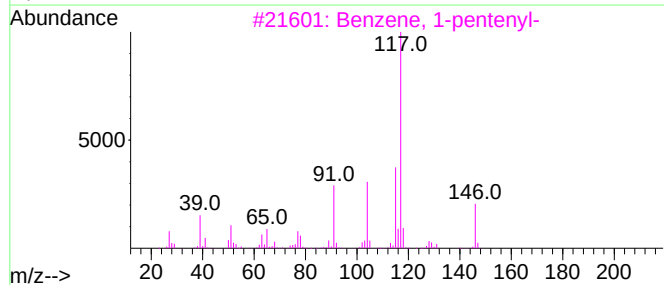
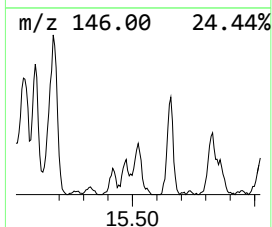
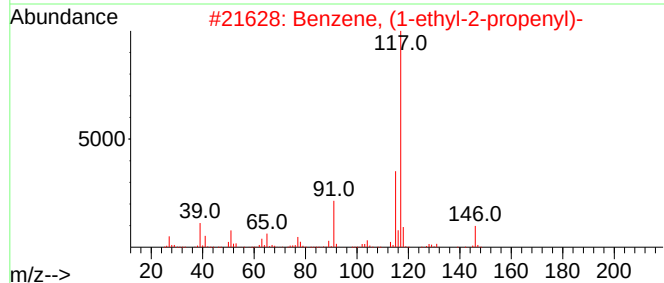
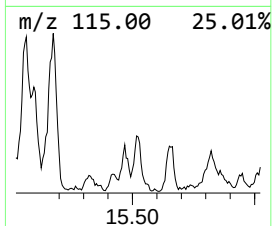
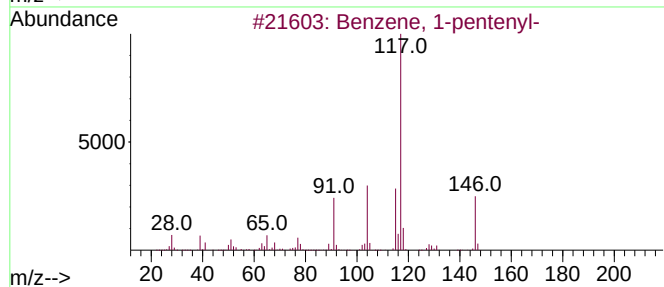
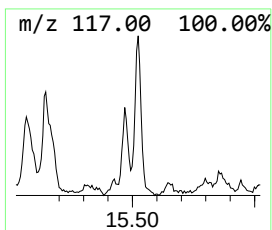
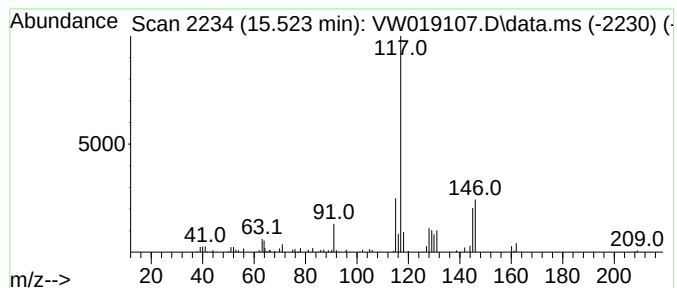
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 1-pentenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.523	1.82 ug/L	106340	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
2			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
3			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
4			Indan, 1-methyl-	132	C10H12	000767-58-8	50
5			1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

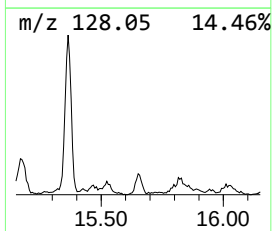
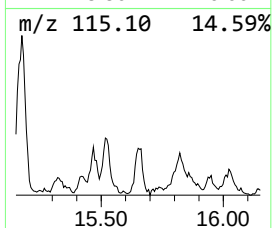
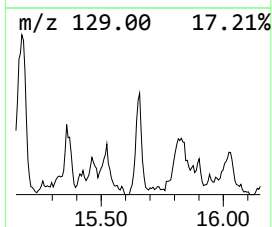
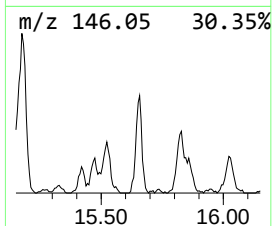
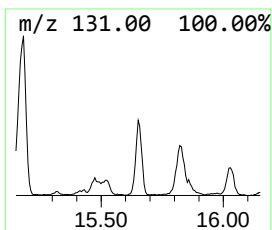
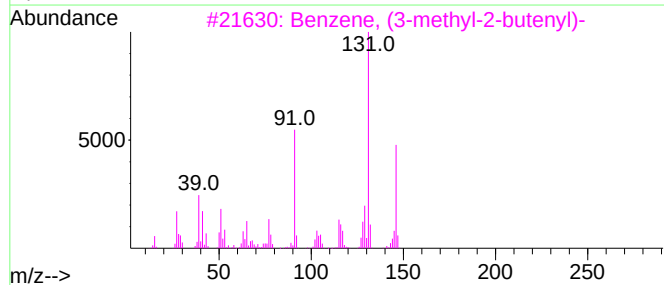
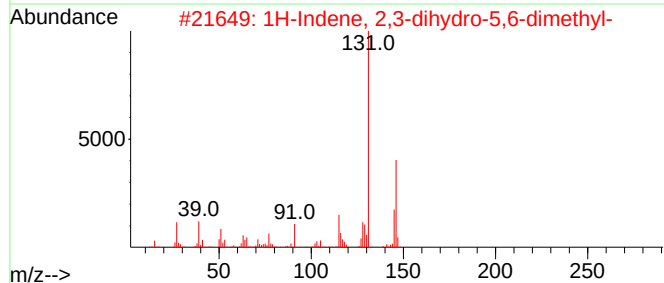
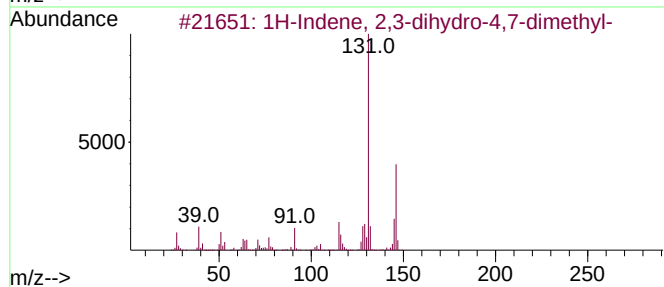
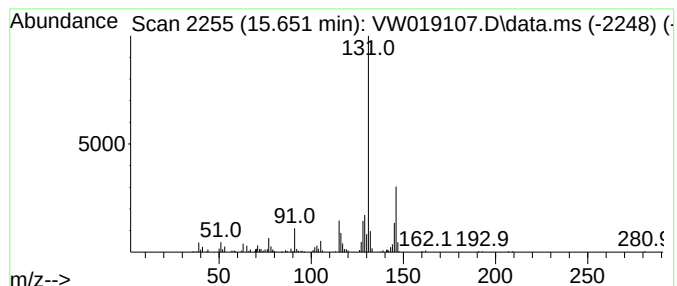
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Quant Title : SFAM01.0

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

Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	1.95 ug/L	114001	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

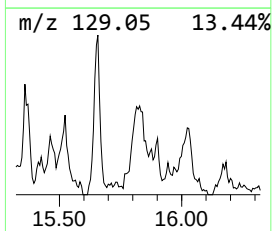
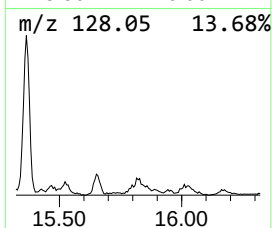
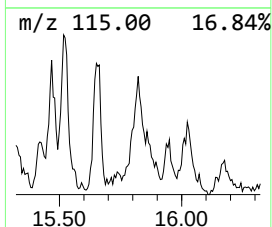
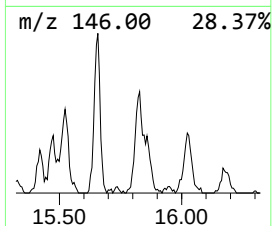
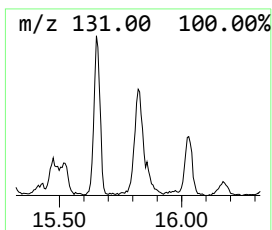
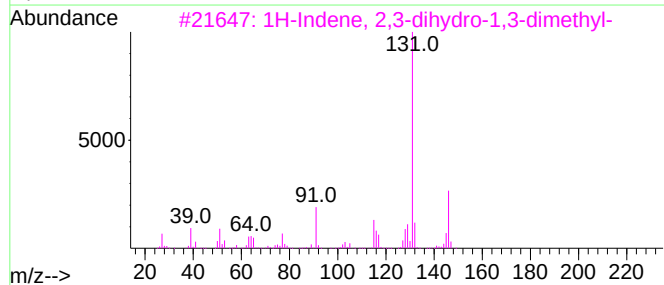
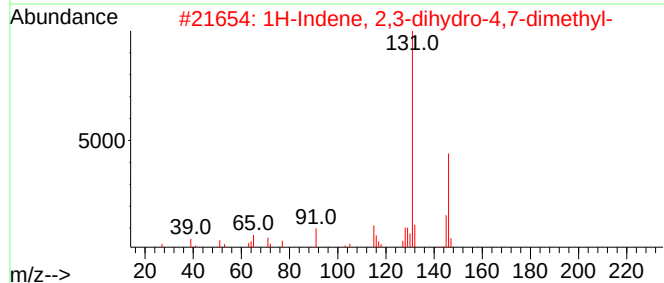
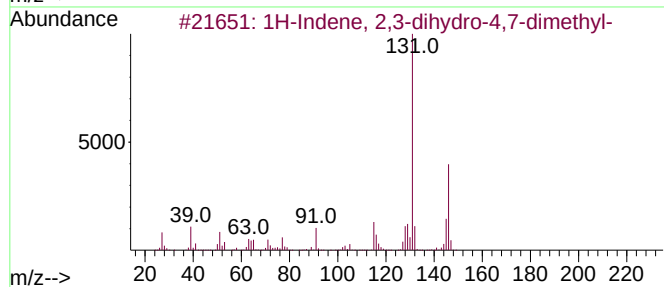
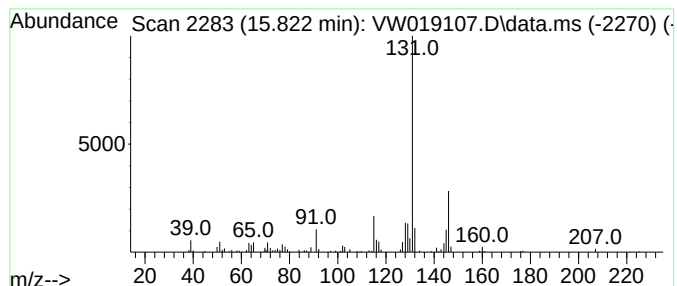
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Quant Title : SFAM01.0

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

Peak Number 29 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	2.31 ug/L	135222	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019107.D
Acq On : 03 Jun 2021 15:23
Operator : SY/VA
Sample : M2596-08
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q4

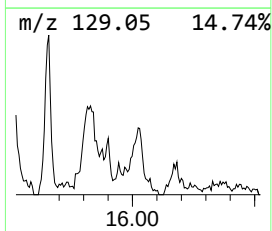
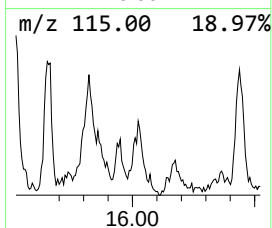
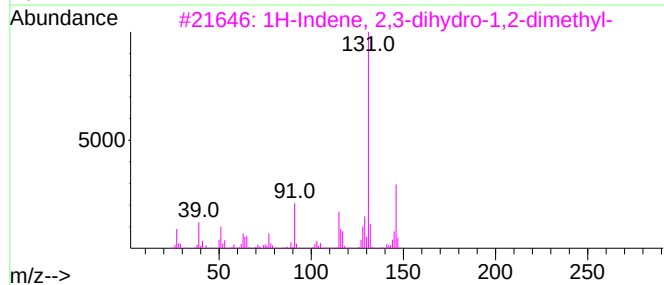
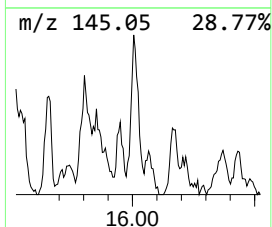
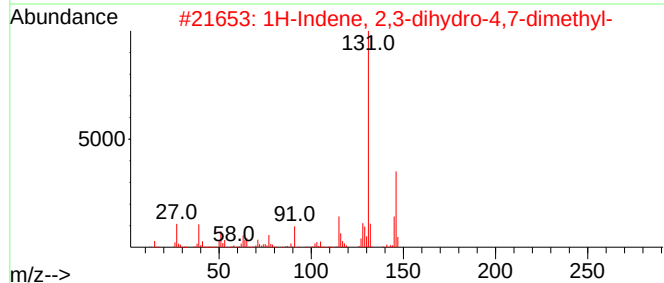
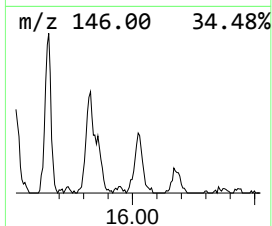
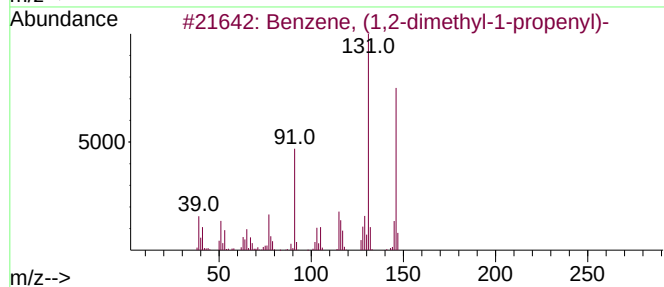
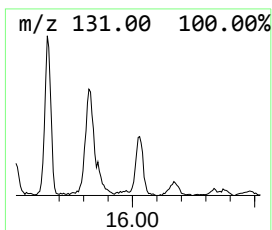
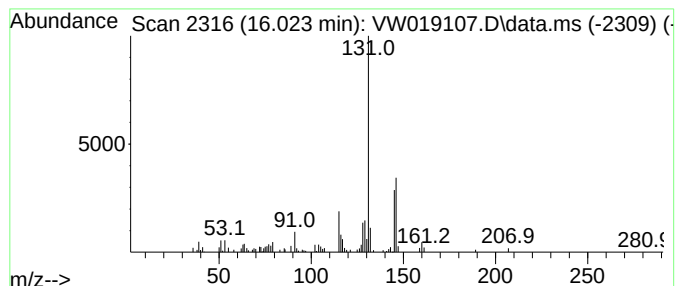
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.023	1.34 ug/L	78323	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019107.D
 Acq On : 03 Jun 2021 15:23
 Operator : SY/VA
 Sample : M2596-08
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5Q4

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
1-Propanol, 2,2...	8.494	2.7	ug/L	175951	1	8.841	1607200	25.0
1-Butanol, 3-me...	9.762	1.4	ug/L	87590	1	8.841	1607200	25.0
(DEL) Alkane: S...	9.896	1.6	ug/L	105973	1	8.841	1607200	25.0
Benzene, 1-ethy...	12.865	1.7	ug/L	99741	3	13.560	1460340	25.0
Benzene, 1-ethy...	13.103	2.2	ug/L	130645	3	13.560	1460340	25.0
Benzene, 1,2-di...	13.719	1.7	ug/L	96977	3	13.560	1460340	25.0
Indane	13.755	2.8	ug/L	161967	3	13.560	1460340	25.0
Benzene, 1,3-di...	13.792	2.1	ug/L	122309	3	13.560	1460340	25.0
Benzene, 1-meth...	13.950	2.4	ug/L	140337	3	13.560	1460340	25.0
Benzene, 2-ethy...	14.011	2.8	ug/L	165071	3	13.560	1460340	25.0
Benzene, 1-meth...	14.036	1.5	ug/L	85264	3	13.560	1460340	25.0
o-Cymene	14.097	7.3	ug/L	425147	3	13.560	1460340	25.0
3-Phenylbut-1-ene	14.206	5.5	ug/L	323724	3	13.560	1460340	25.0
Benzene, 1-ethy...	14.334	1.4	ug/L	79071	3	13.560	1460340	25.0
Benzene, 1,2,3,...	14.420	6.9	ug/L	401181	3	13.560	1460340	25.0
Benzene, 1-ethy...	14.456	6.3	ug/L	370306	3	13.560	1460340	25.0
4'-Methylpropio...	14.499	2.4	ug/L	137253	3	13.560	1460340	25.0
Benzene, (1,1-d...	14.639	1.8	ug/L	103180	3	13.560	1460340	25.0
1H-Indene, 2,3-...	14.688	2.6	ug/L	154126	3	13.560	1460340	25.0
Benzene, (1,1-d...	14.731	2.9	ug/L	169426	3	13.560	1460340	25.0
2,4-Dimethylsty...	14.804	13.5	ug/L	788375	3	13.560	1460340	25.0
Benzene, 1-meth...	14.852	2.2	ug/L	130675	3	13.560	1460340	25.0
Benzene, (1-met...	15.066	11.2	ug/L	654099	3	13.560	1460340	25.0
1H-Indene, 2,3-...	15.170	6.0	ug/L	353593	3	13.560	1460340	25.0
unknown-01	15.468	1.5	ug/L	85743	3	13.560	1460340	25.0
Benzene, 1-pent...	15.523	1.8	ug/L	106340	3	13.560	1460340	25.0
1H-Indene, 2,3-...	15.651	2.0	ug/L	114001	3	13.560	1460340	25.0
1H-Indene, 2,3-...	15.822	2.3	ug/L	135222	3	13.560	1460340	25.0
Benzene, (1,2-d...	16.023	1.3	ug/L	78323	3	13.560	1460340	25.0