

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021985.D
 Acq On : 17 Jan 2022 19:23
 Operator : SY/VA
 Sample : N1155-10
 Misc : 6.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLW4

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\SFAMWLM011122SMA.M
 Title : SFAM01.0

Signal : TIC: VW021985.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	65	73	80	rBV	42223	71999	4.49%	0.409%
2	2.495	92	97	104	rVV3	2741	5336	0.33%	0.030%
3	2.660	118	124	130	rBV6	2471	7165	0.45%	0.041%
4	2.879	154	160	171	rVB	29587	61815	3.85%	0.351%
5	4.013	336	346	359	rBV	59410	168382	10.50%	0.956%
6	4.129	359	365	378	rVV	7507	20826	1.30%	0.118%
7	4.385	397	407	416	rVV	2276	6511	0.41%	0.037%
8	4.928	487	496	502	rBV7	1168	3937	0.25%	0.022%
9	5.934	656	661	669	rVV5	829	1896	0.12%	0.011%
10	6.226	699	709	713	rVB3	639	1621	0.10%	0.009%
11	6.988	829	834	838	rBV4	921	1815	0.11%	0.010%
12	7.080	841	849	859	rBV2	16353	44993	2.80%	0.255%
13	7.263	874	879	885	rVB2	1101	2556	0.16%	0.015%
14	7.519	916	921	930	rVB6	1220	3278	0.20%	0.019%
15	7.647	930	942	956	rVB	94865	244642	15.25%	1.389%
16	7.848	970	975	982	rVB3	1269	2569	0.16%	0.015%
17	7.927	982	988	990	rBV3	1472	2745	0.17%	0.016%
18	8.043	1000	1007	1015	rVB7	2206	6215	0.39%	0.035%
19	8.153	1015	1025	1035	rBV4	1657	4584	0.29%	0.026%
20	8.275	1035	1045	1060	rBV2	179127	551031	34.35%	3.128%
21	8.512	1077	1084	1090	rVB5	7616	17673	1.10%	0.100%
22	8.671	1103	1110	1111	rBV3	1791	2762	0.17%	0.016%
23	8.842	1129	1138	1148	rBV	175484	360527	22.47%	2.047%
24	8.921	1148	1151	1158	rVB5	869	1949	0.12%	0.011%
25	8.994	1158	1163	1168	rBV2	2737	4435	0.28%	0.025%
26	9.067	1168	1175	1184	rBV2	10972	22256	1.39%	0.126%
27	9.153	1184	1189	1195	rVB4	1402	2888	0.18%	0.016%
28	9.274	1200	1209	1216	rBV	118502	246148	15.34%	1.397%
29	9.750	1282	1287	1295	rVB5	1342	2793	0.17%	0.016%
30	9.896	1307	1311	1317	rVB4	1499	3023	0.19%	0.017%
31	9.957	1317	1321	1324	rBV5	1154	2069	0.13%	0.012%
32	10.037	1326	1334	1341	rBV	63016	111223	6.93%	0.631%
33	10.323	1372	1381	1387	rBV	272160	471369	29.38%	2.676%
34	10.384	1387	1391	1398	rVB	11587	21011	1.31%	0.119%
35	10.579	1415	1423	1432	rBV	41248	70600	4.40%	0.401%
36	10.701	1438	1443	1447	rVV2	1701	2502	0.16%	0.014%

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 Title : SFAM01.0

37	10.921	1472	1479	1487	rBV	66062	110823	6.91%	0.629%
38	11.170	1516	1520	1526	rBV5	2213	4108	0.26%	0.023%
39	11.225	1526	1529	1533	rBV5	1519	2414	0.15%	0.014%
40	11.414	1554	1560	1561	rVV2	1241	1877	0.12%	0.011%
41	11.433	1561	1563	1569	rVB4	1684	2679	0.17%	0.015%
42	11.512	1569	1576	1582	rVB5	1247	2657	0.17%	0.015%
43	11.628	1587	1595	1605	rBV	253768	484422	30.20%	2.750%
44	11.725	1605	1611	1620	rVV	700506	1158329	72.20%	6.575%
45	11.841	1620	1630	1639	rVV	718860	1315021	81.97%	7.465%
46	11.914	1639	1642	1647	rVB3	3080	5276	0.33%	0.030%
47	12.030	1657	1661	1664	rBV4	1176	1803	0.11%	0.010%
48	12.164	1671	1683	1690	rBV	83067	144616	9.01%	0.821%
49	12.292	1701	1704	1707	rBV2	2065	3318	0.21%	0.019%
50	12.341	1707	1712	1715	rVV2	5490	9986	0.62%	0.057%
51	12.384	1715	1719	1723	rVV	7872	14190	0.88%	0.081%
52	12.463	1725	1732	1742	rVB	903237	1426247	88.91%	8.096%
53	12.603	1751	1755	1760	rVB2	10359	16553	1.03%	0.094%
54	12.688	1763	1769	1777	rBV	116629	194999	12.16%	1.107%
55	12.804	1777	1788	1793	rVV	110723	185111	11.54%	1.051%
56	12.865	1793	1798	1799	rVV	62995	86084	5.37%	0.489%
57	12.896	1799	1803	1807	rVV	204781	328729	20.49%	1.866%
58	12.938	1807	1810	1816	rVB	151986	223733	13.95%	1.270%
59	13.097	1830	1836	1844	rBV	166351	274681	17.12%	1.559%
60	13.249	1854	1861	1871	rVB	891206	1407512	87.74%	7.990%
61	13.371	1875	1881	1887	rBV3	19678	42673	2.66%	0.242%
62	13.438	1887	1892	1896	rBV	30261	42335	2.64%	0.240%
63	13.493	1896	1901	1905	rVB	20684	30613	1.91%	0.174%
64	13.554	1905	1911	1913	rBV	324102	494159	30.80%	2.805%
65	13.646	1923	1926	1932	rVB2	6016	8809	0.55%	0.050%
66	13.713	1932	1937	1939	rBV	41882	62156	3.87%	0.353%
67	13.755	1939	1944	1947	rBV2	176278	288819	18.00%	1.640%
68	13.853	1955	1960	1968	rVB	277269	508562	31.70%	2.887%
69	13.938	1968	1974	1980	rVB2	90097	157541	9.82%	0.894%
70	14.005	1980	1985	1987	rBV	66233	97348	6.07%	0.553%
71	14.036	1987	1990	1994	rVV	68584	108194	6.74%	0.614%
72	14.091	1995	1999	2005	rVB	110326	168720	10.52%	0.958%
73	14.152	2005	2009	2012	rBV	13261	22004	1.37%	0.125%
74	14.200	2012	2017	2022	rVB2	56230	92772	5.78%	0.527%
75	14.249	2022	2025	2026	rBV	3688	3672	0.23%	0.021%
76	14.335	2033	2039	2043	rVB2	36223	56878	3.55%	0.323%

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77	14.414	2043	2052	2055	rBV	85134	157395	9.81%	0.893%
78	14.450	2055	2058	2062	rVV	119465	177925	11.09%	1.010%
79	14.493	2062	2065	2069	rVB3	33654	49542	3.09%	0.281%
80	14.597	2079	2082	2084	rBV	5126	5843	0.36%	0.033%
81	14.633	2086	2088	2092	rVB	11171	12944	0.81%	0.073%
82	14.682	2092	2096	2100	rBV	61290	101797	6.35%	0.578%
83	14.725	2101	2103	2108	rVB	29389	35369	2.20%	0.201%
84	14.792	2108	2114	2121	rBV2	125739	317039	19.76%	1.800%
85	14.853	2121	2124	2135	rVB3	31424	66593	4.15%	0.378%
86	14.950	2135	2140	2148	rBV3	27281	53877	3.36%	0.306%
87	15.060	2153	2158	2170	rVB2	59540	151759	9.46%	0.861%
88	15.170	2170	2176	2183	rVB3	46116	97971	6.11%	0.556%
89	15.249	2187	2189	2191	rBV3	1966	2122	0.13%	0.012%
90	15.359	2195	2207	2215	rBV	911716	1604225	100.00%	9.107%
91	15.462	2219	2224	2229	rBV4	40969	72358	4.51%	0.411%
92	15.651	2248	2255	2262	rBV	49278	97376	6.07%	0.553%
93	15.822	2272	2283	2295	rVV4	29481	100620	6.27%	0.571%
94	15.938	2297	2302	2309	rVV2	27098	54674	3.41%	0.310%
95	16.023	2310	2316	2328	rVB3	22948	58773	3.66%	0.334%
96	16.170	2332	2340	2348	rBV5	8698	20954	1.31%	0.119%
97	16.365	2362	2372	2375	rBV5	10576	27719	1.73%	0.157%
98	16.432	2375	2383	2397	rVV	728451	1563076	97.43%	8.873%
99	16.554	2399	2403	2408	rVV3	4028	8655	0.54%	0.049%
100	16.633	2408	2416	2430	rVB	284450	630035	39.27%	3.576%

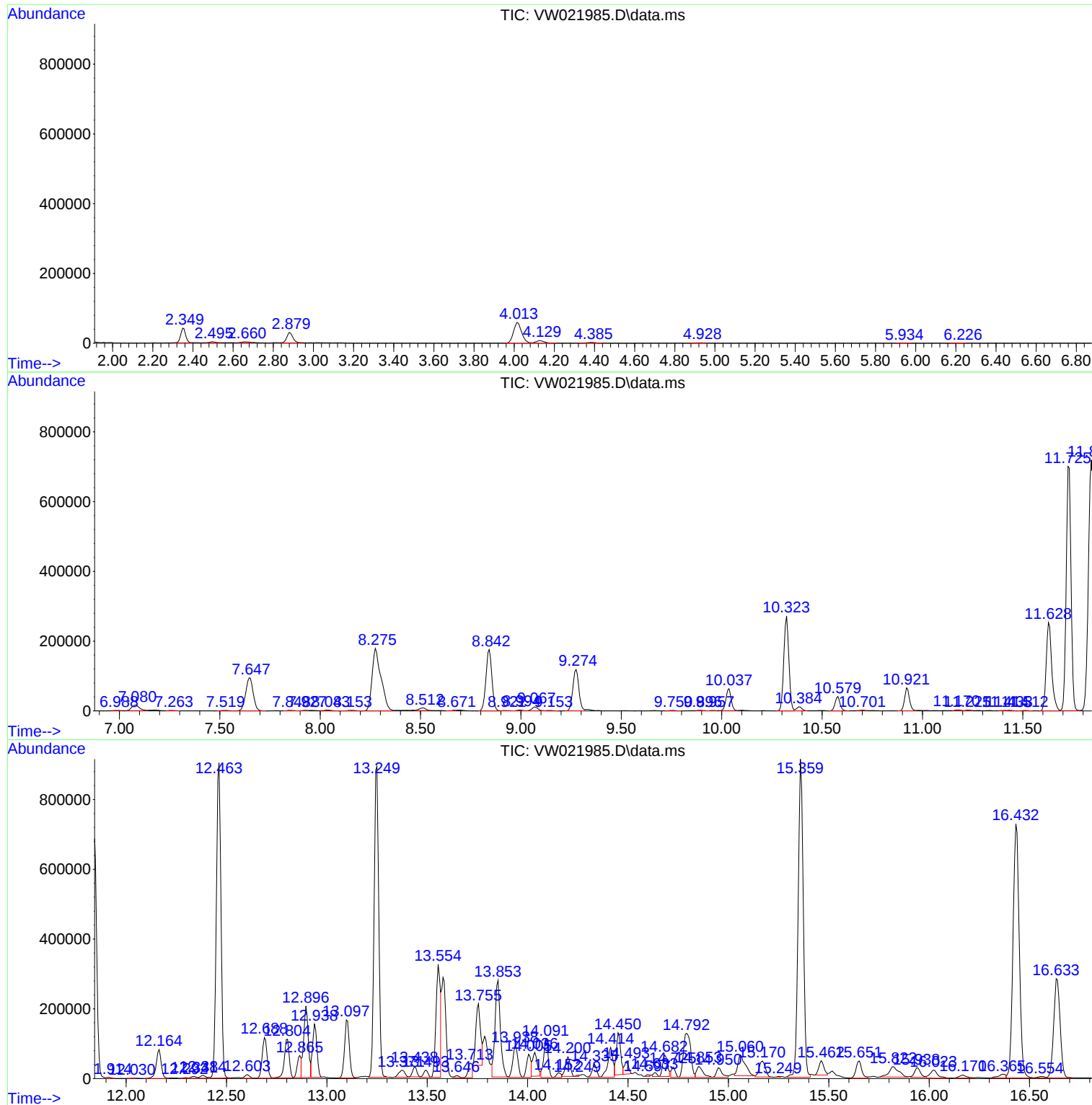
Sum of corrected areas: 17616208

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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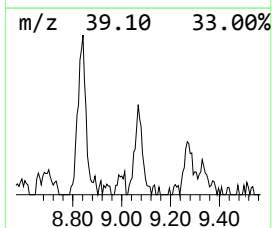
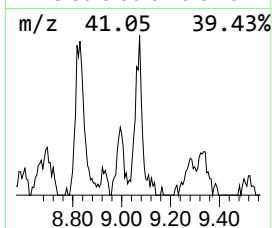
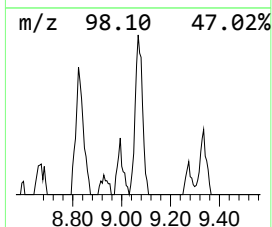
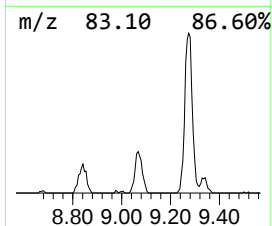
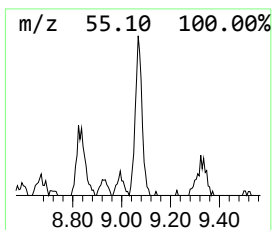
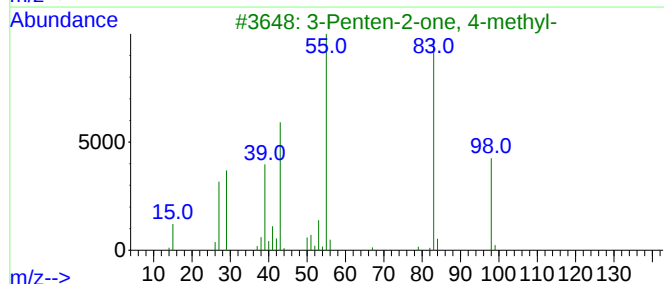
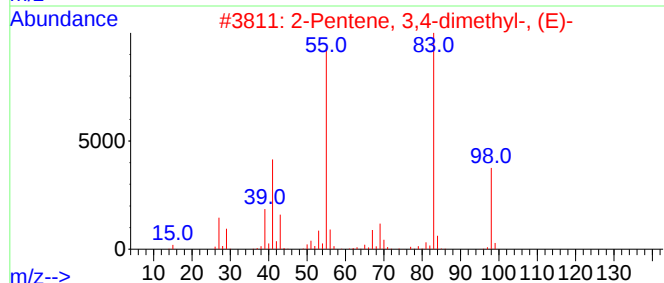
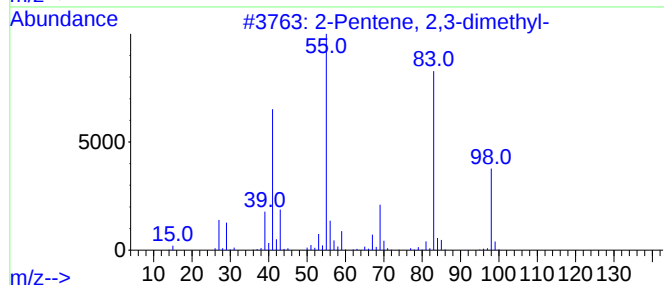
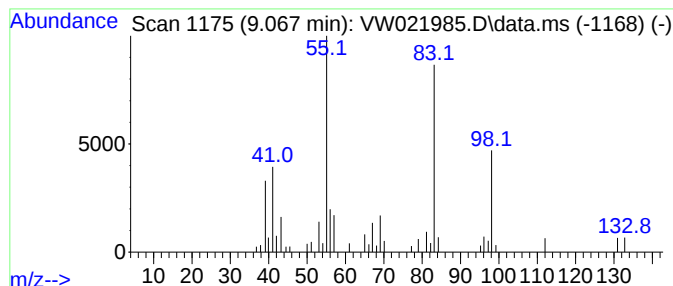
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.067	1.54 ug/L	22256	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-			98	C7H14	010574-37-5	80
2	2-Pentene, 3,4-dimethyl-, (E)-			98	C7H14	004914-92-5	68
3	3-Penten-2-one, 4-methyl-			98	C6H10O	000141-79-7	64
4	3-Penten-2-one, 4-methyl-			98	C6H10O	000141-79-7	64
5	Cyclopropane, 1,1,2,3-tetramethyl-			98	C7H14	074752-93-5	64



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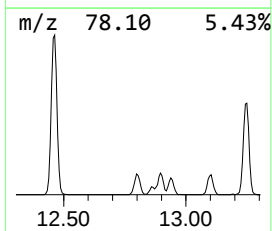
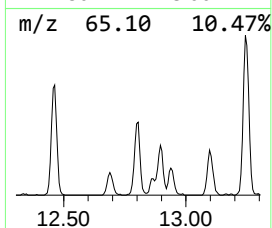
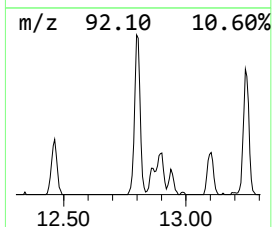
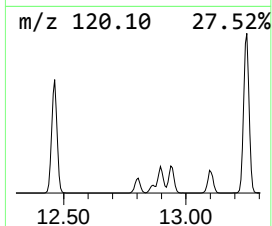
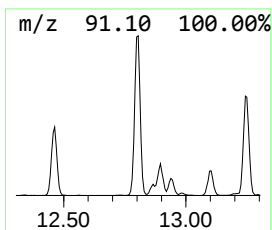
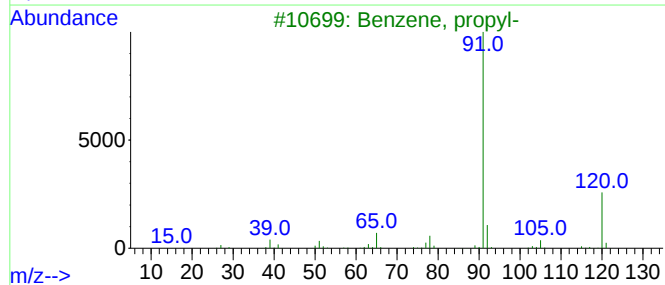
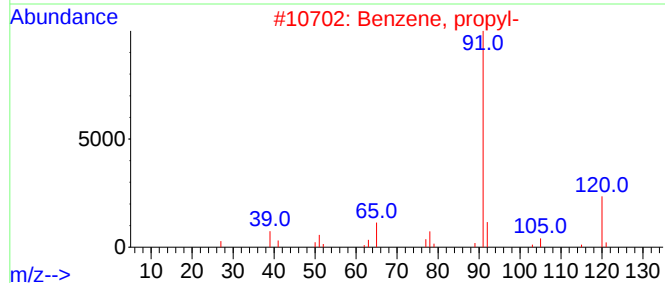
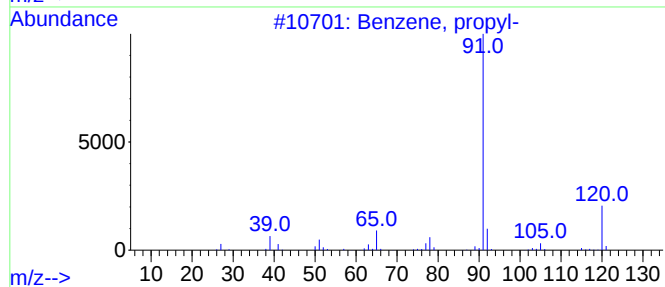
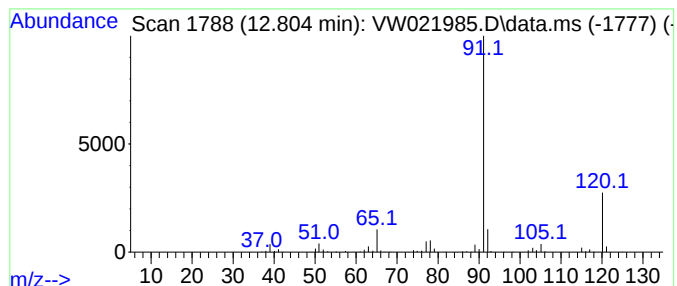
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	9.36 ug/L	185111	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	90
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72



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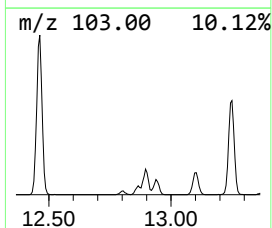
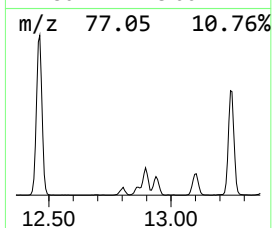
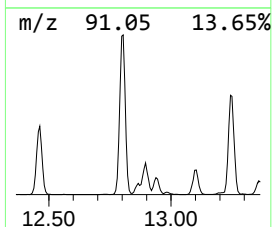
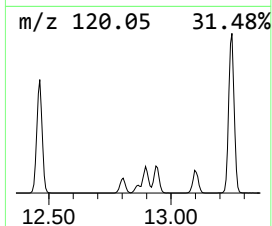
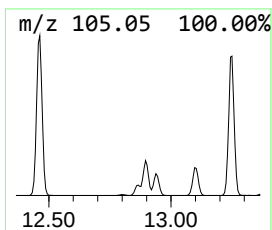
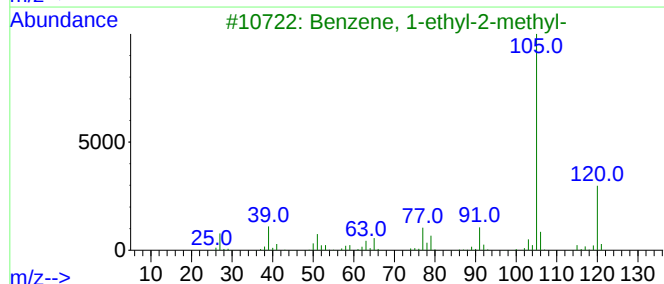
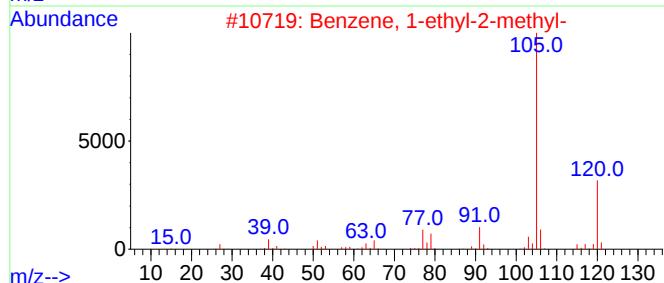
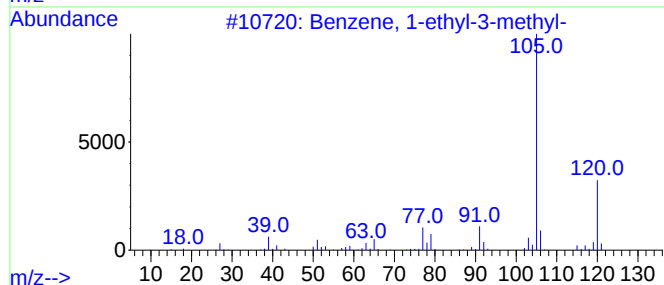
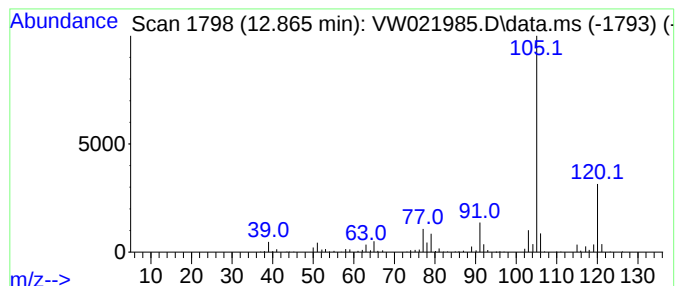
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	4.36 ug/L	86084	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

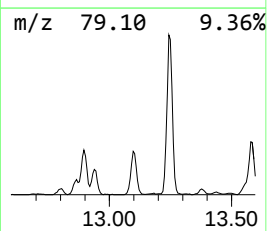
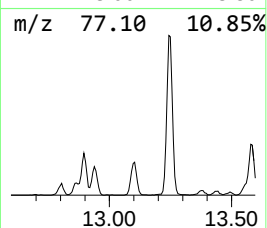
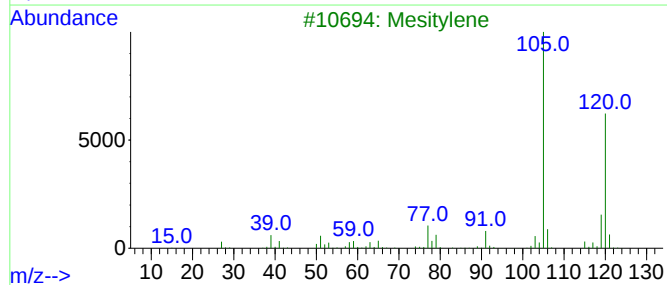
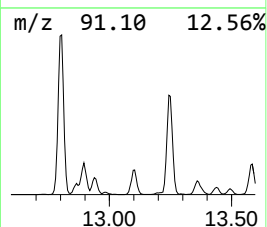
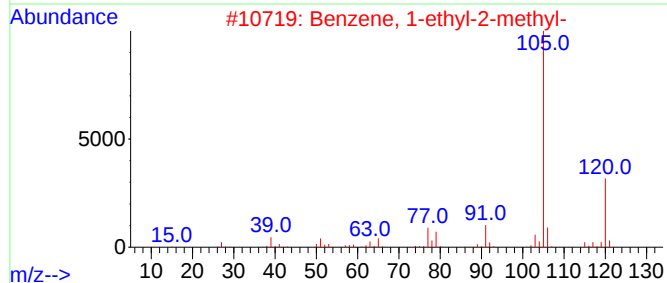
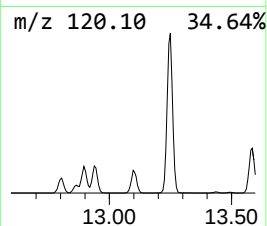
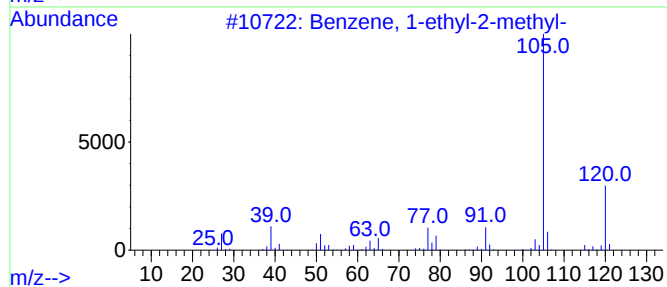
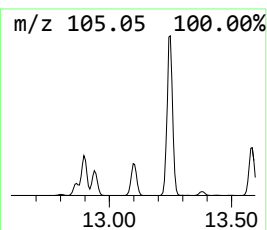
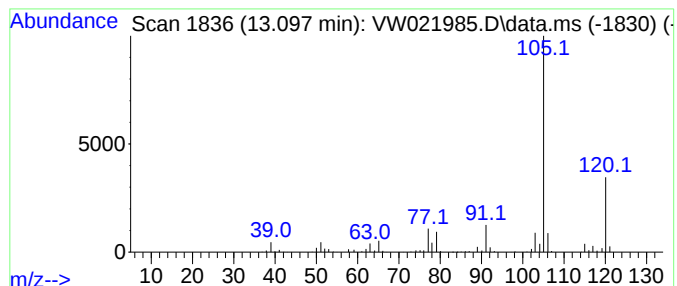
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	13.90 ug/L	274681	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

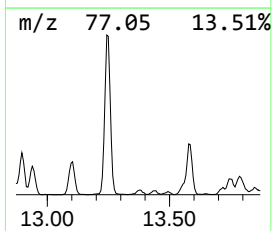
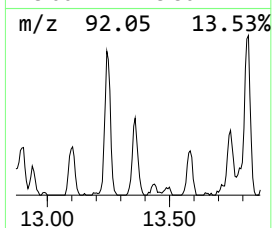
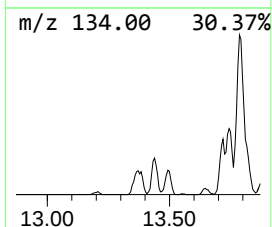
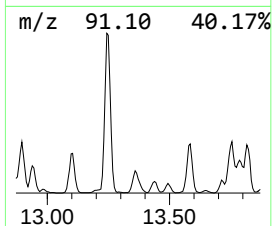
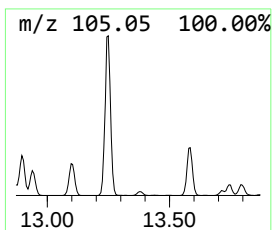
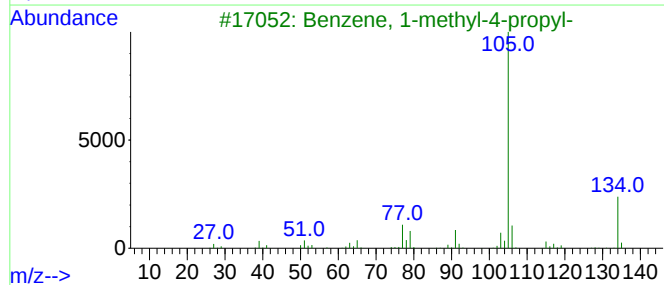
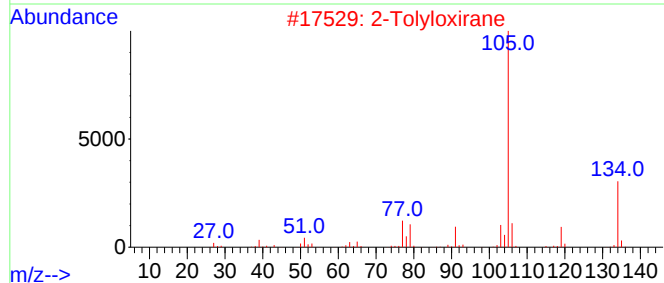
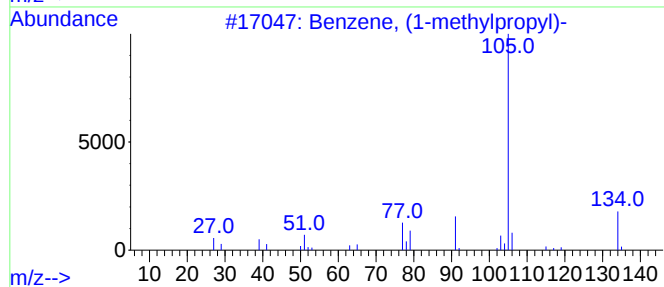
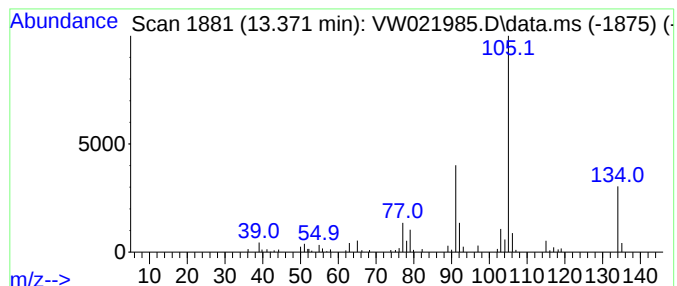
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, (1-methylpropyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.371	2.16 ug/L	42673	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
2			2-Tolyloxirane	134	C9H10O	002783-26-8	83
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

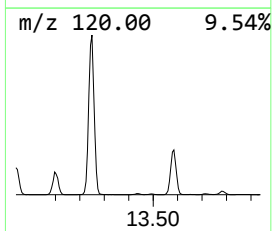
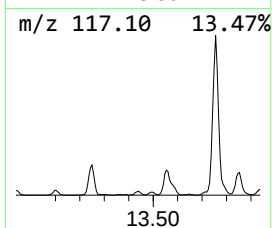
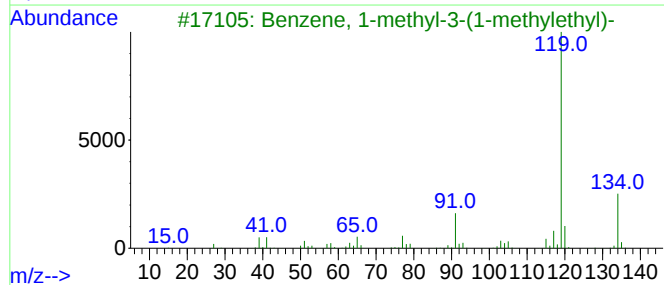
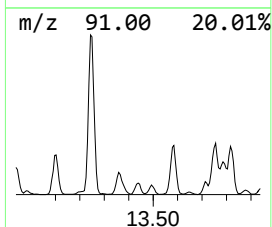
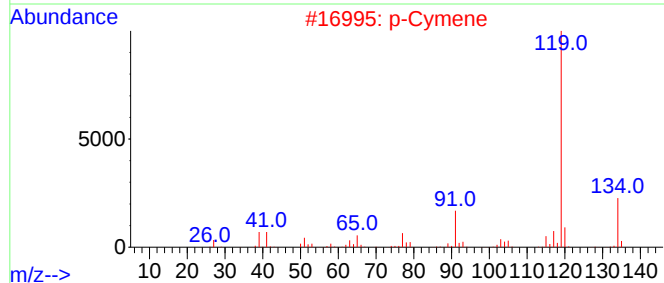
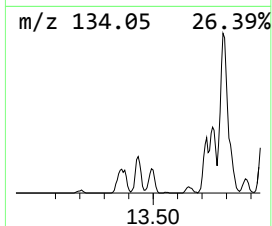
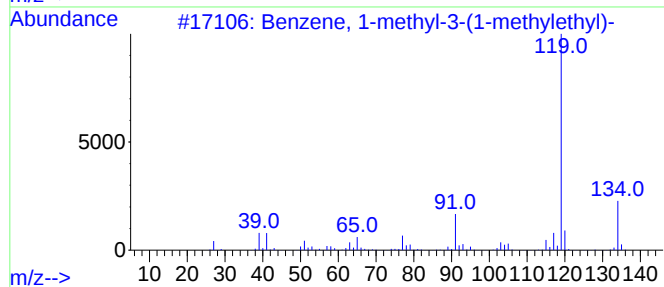
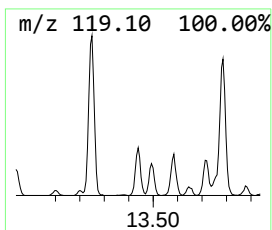
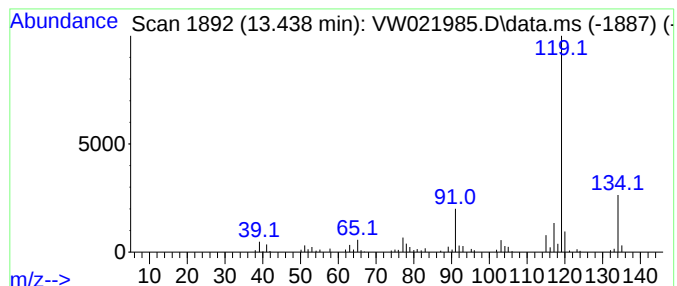
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	2.14 ug/L	42335	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2			p-Cymene	134	C10H14	000099-87-6	97
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

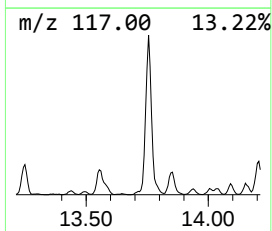
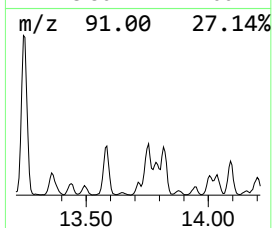
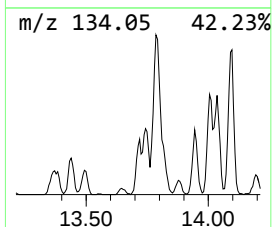
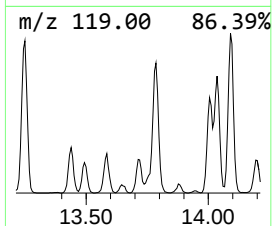
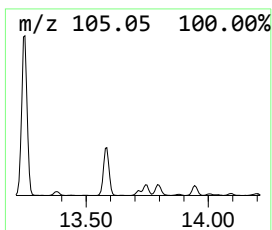
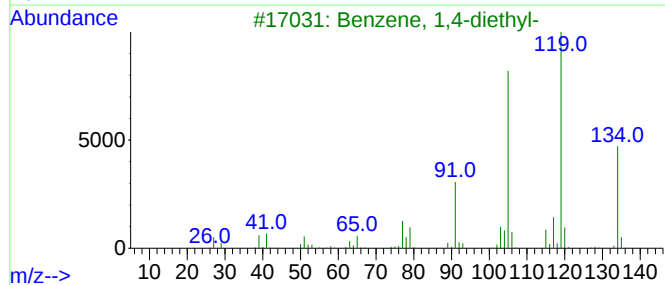
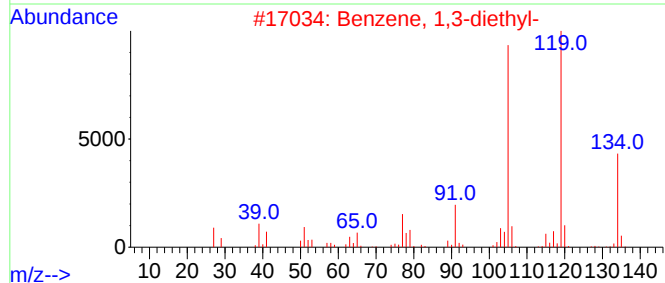
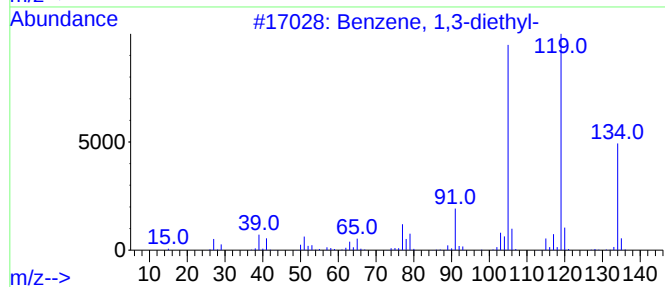
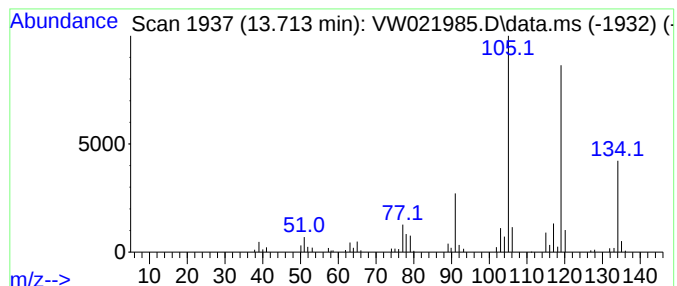
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	3.14 ug/L	62156	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

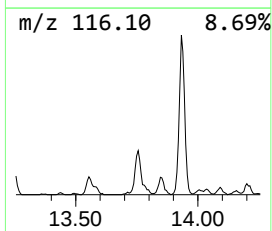
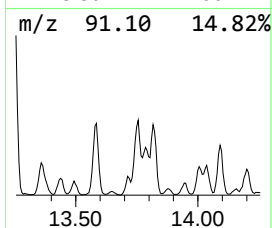
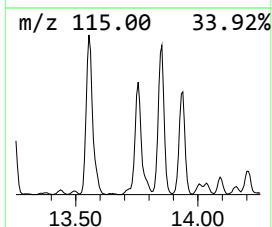
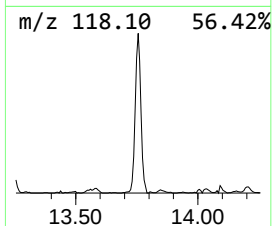
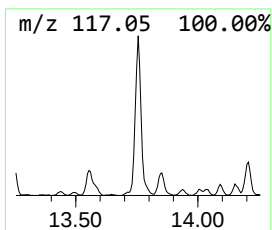
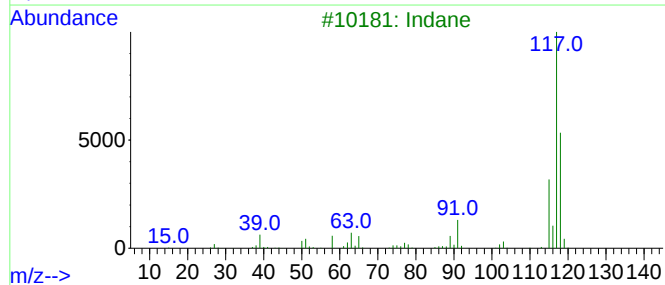
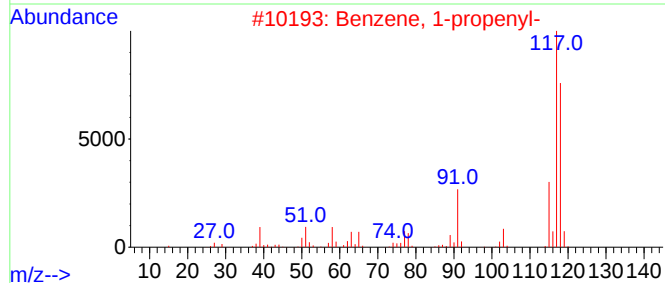
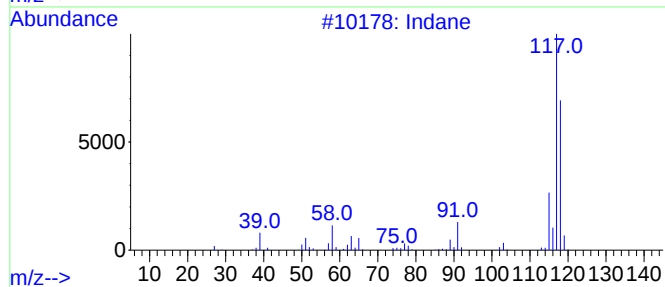
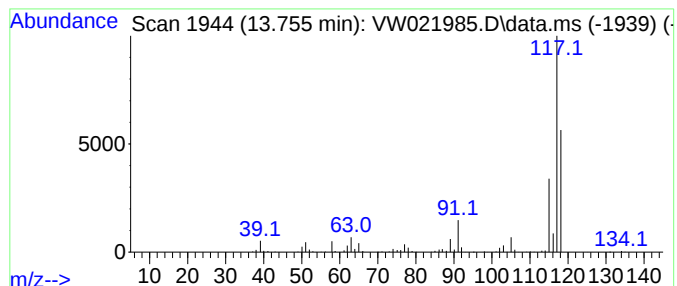
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Quant Title : SFAM01.0

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

Peak Number 10 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	14.61 ug/L	288819	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	81
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
3		Indane	118	C9H10	000496-11-7	81
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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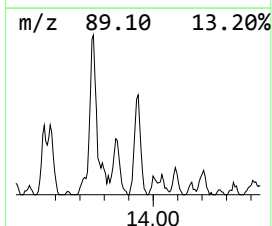
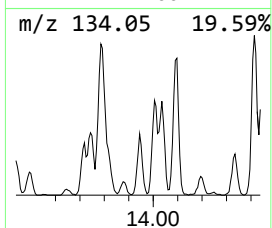
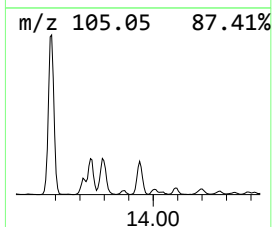
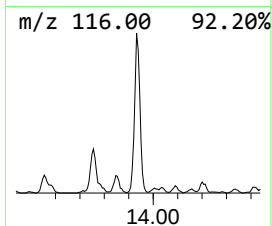
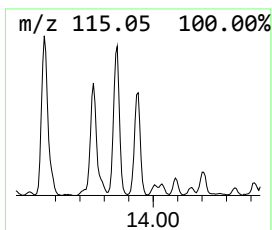
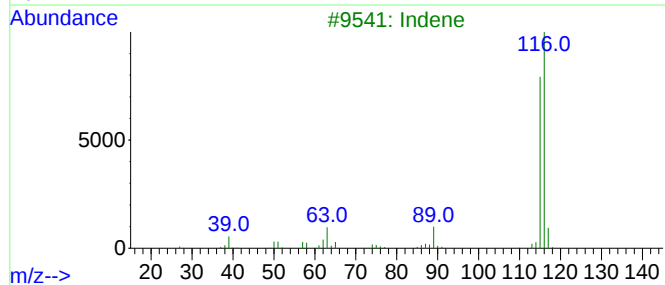
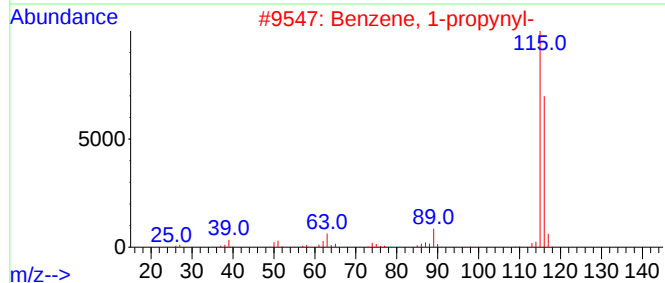
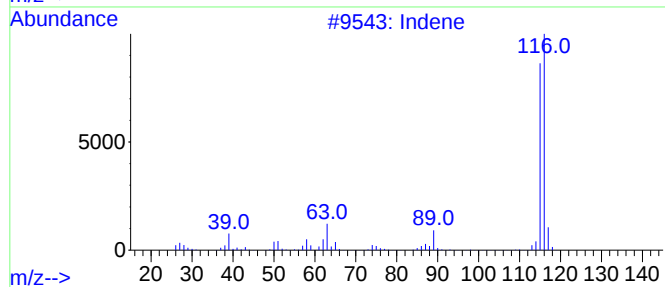
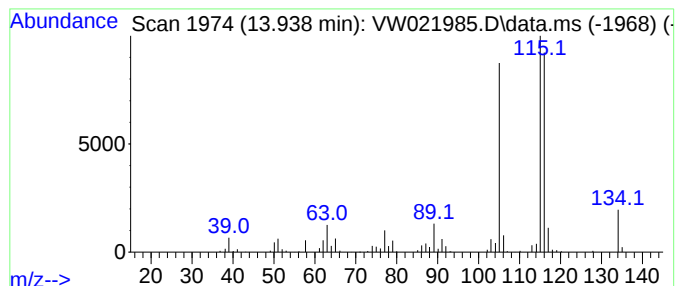
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Quant Title : SFAM01.0

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

Peak Number 11 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	7.97 ug/L	157541	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			Indene	116	C9H8	000095-13-6	93
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	89
5			Benzene, 1-propynyl-	116	C9H8	000673-32-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

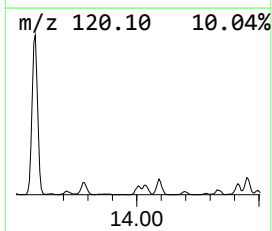
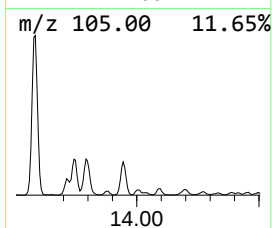
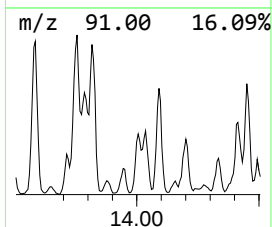
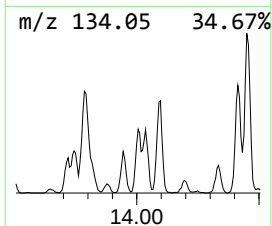
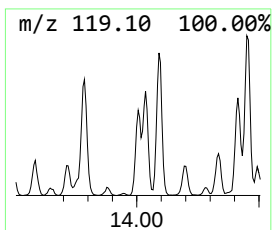
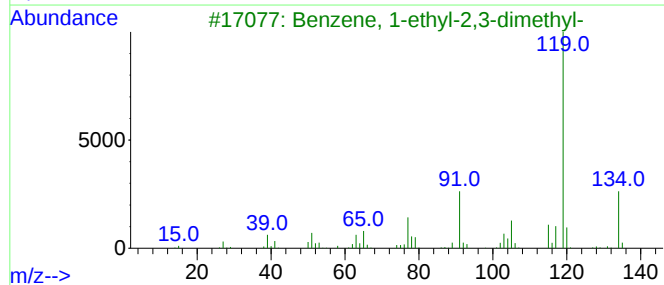
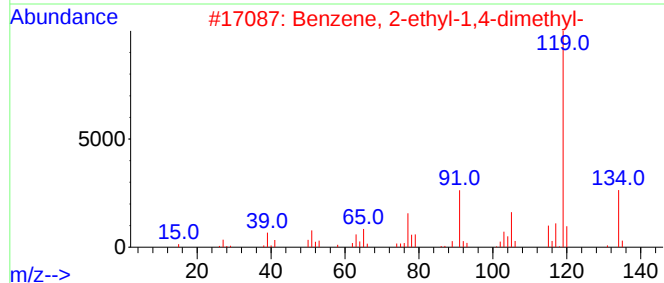
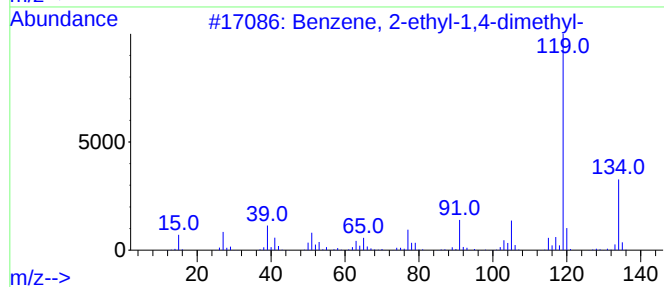
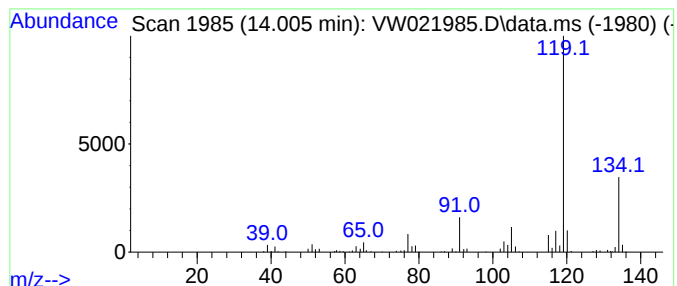
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	4.92 ug/L	97348	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

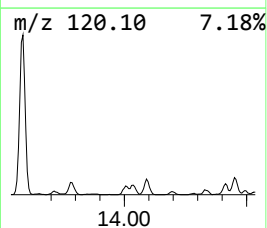
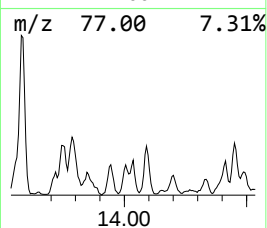
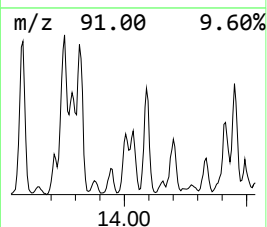
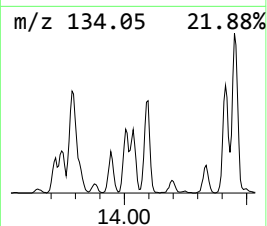
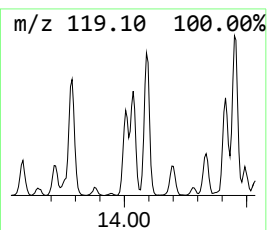
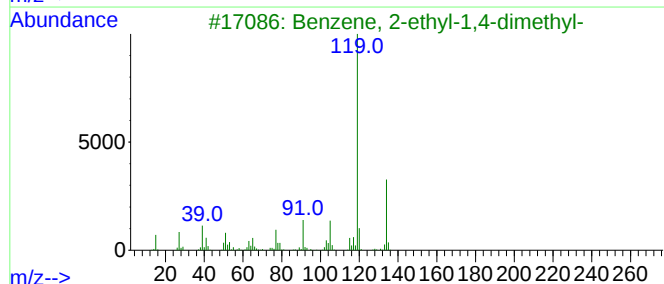
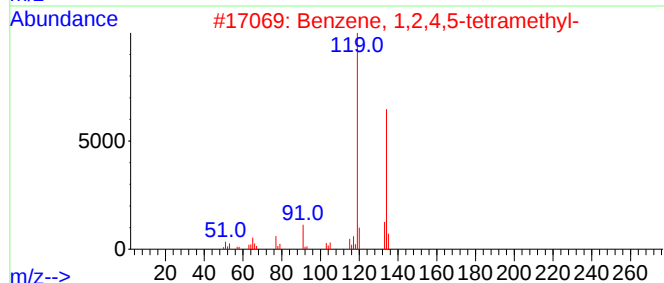
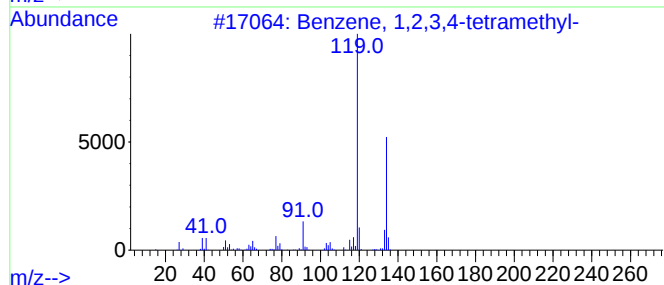
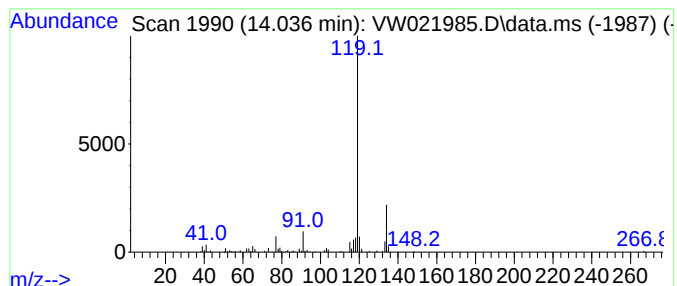
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	5.47 ug/L	108194	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

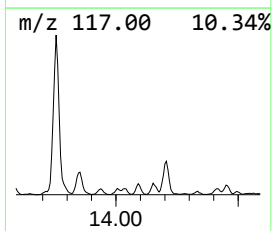
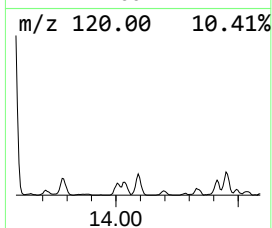
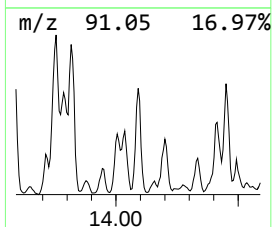
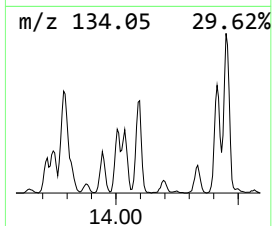
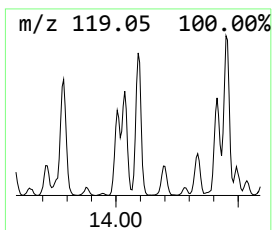
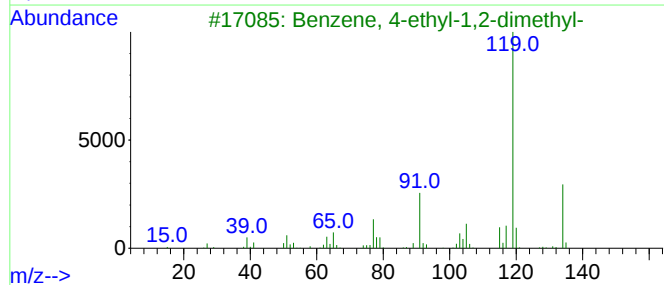
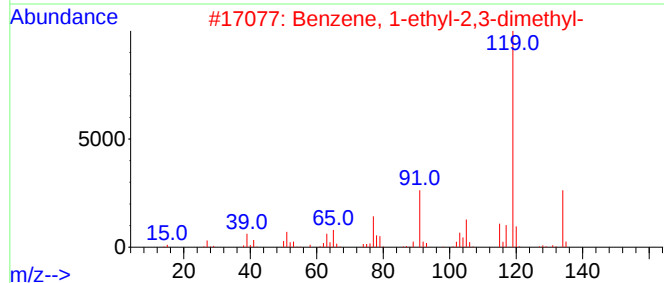
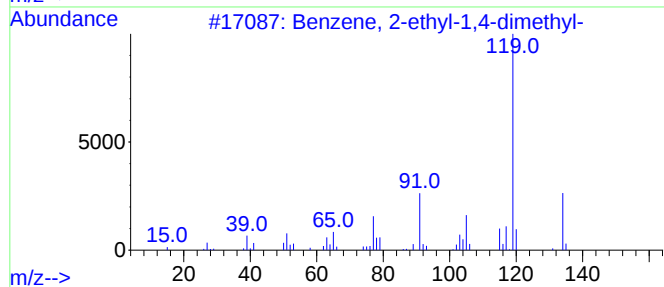
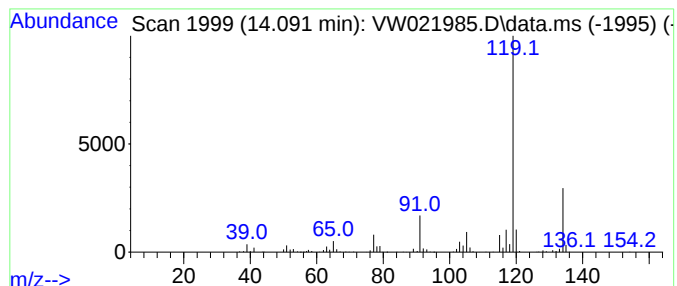
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	8.54 ug/L	168720	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

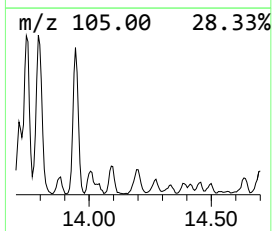
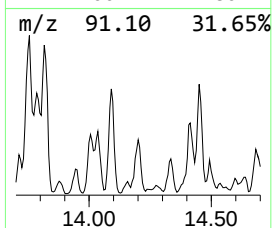
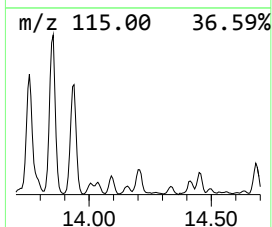
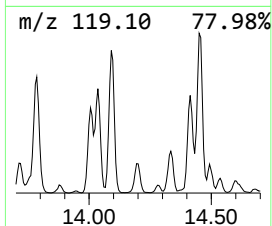
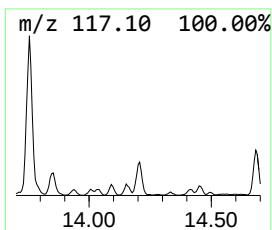
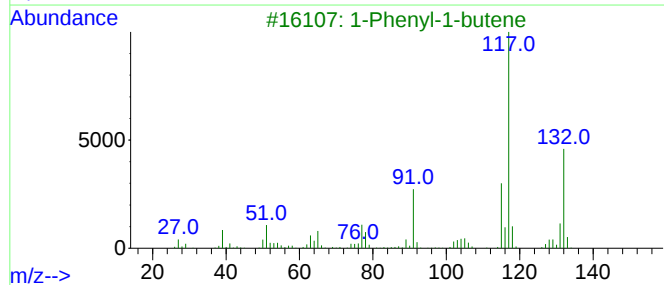
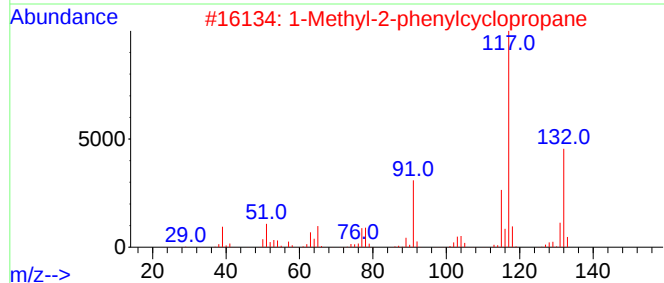
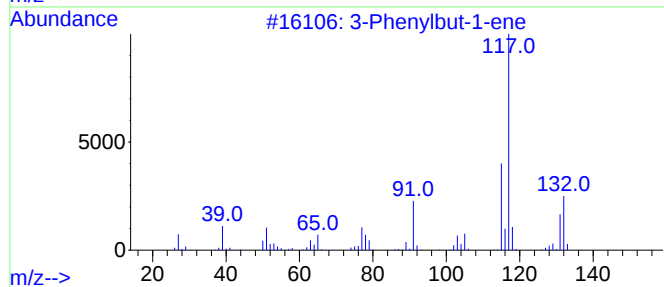
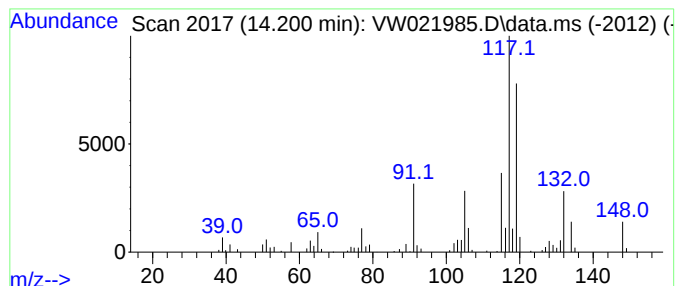
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Quant Title : SFAM01.0

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

Peak Number 15 3-Phenylbut-1-ene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	4.69 ug/L	92772	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	50
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

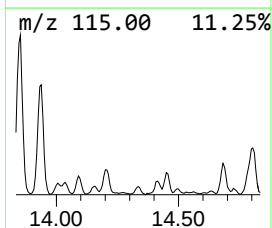
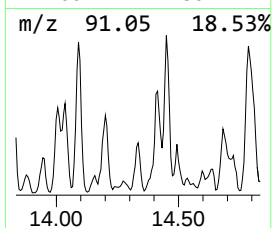
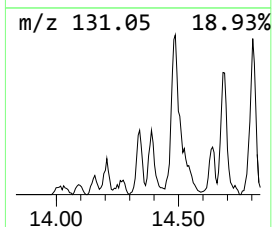
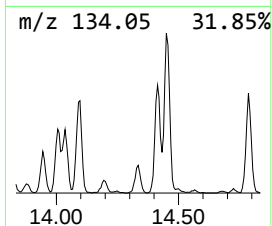
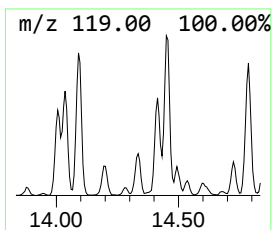
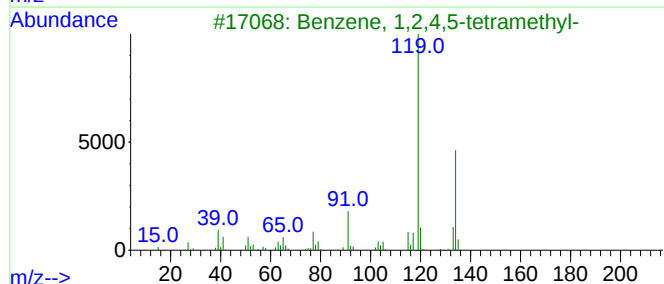
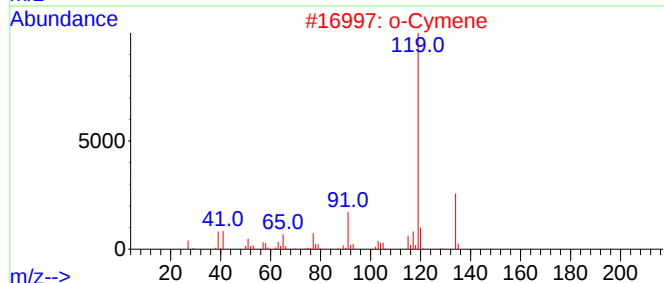
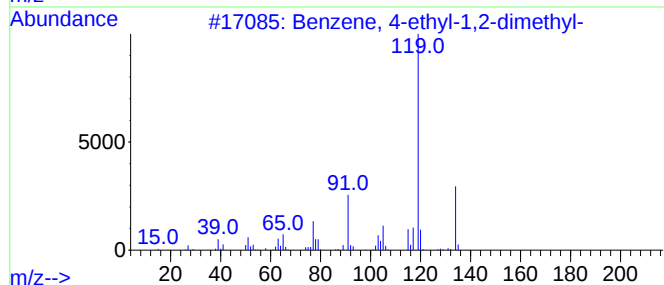
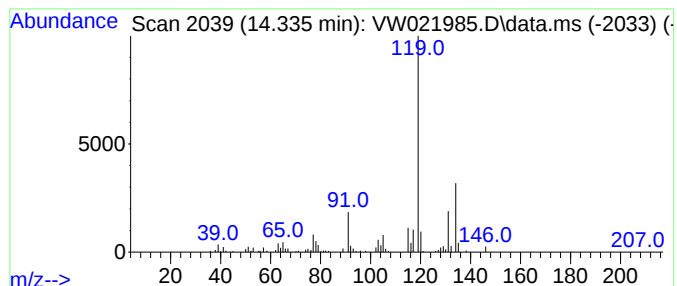
Instrument :
MSVOA_W
ClientSampleId :
BGLW4

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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.335	2.88 ug/L	56878	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	93
2	o-Cymene		134	C10H14	000527-84-4	93
3	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	93
4	Benzene, 1-ethyl-2,4-dimethyl-		134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

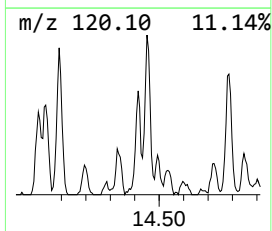
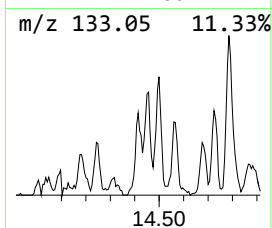
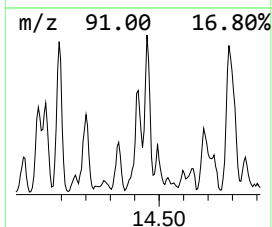
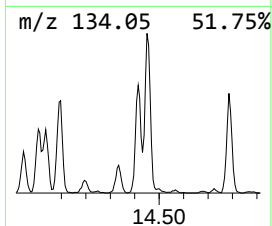
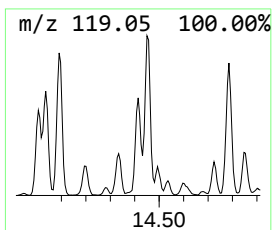
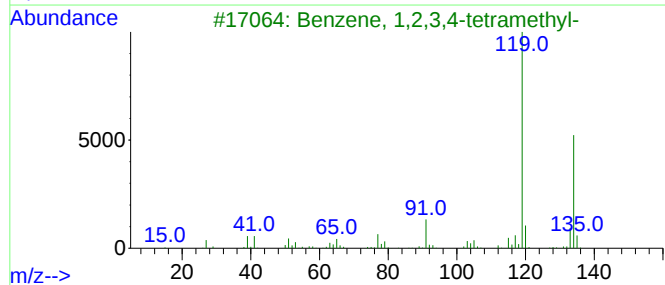
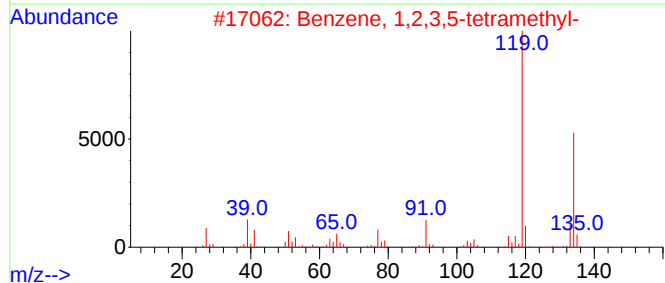
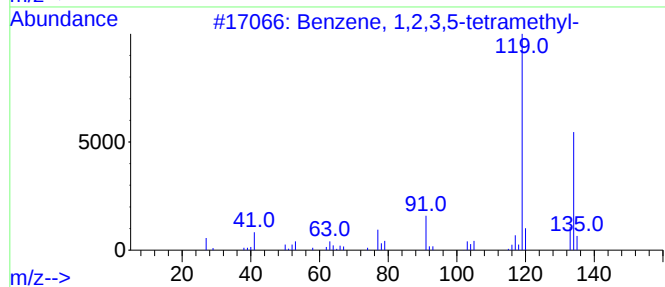
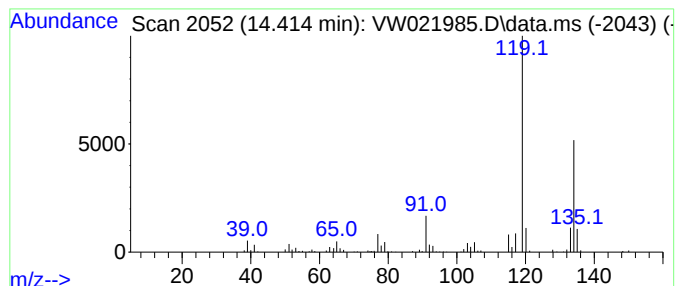
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	7.96 ug/L	157395	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

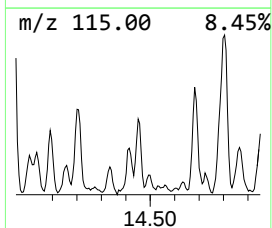
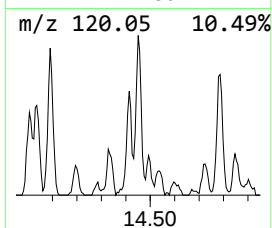
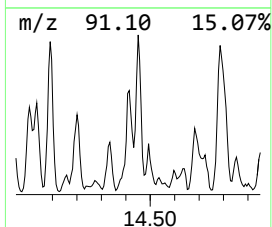
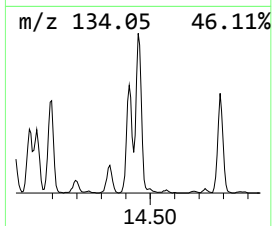
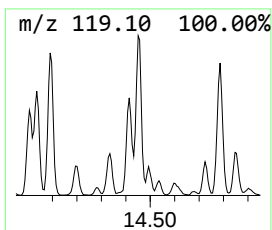
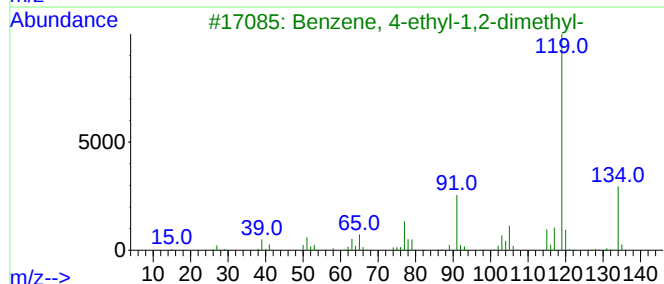
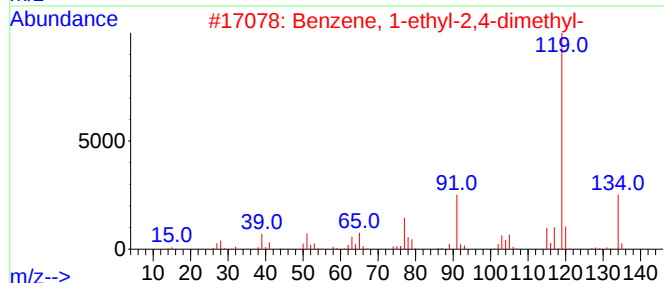
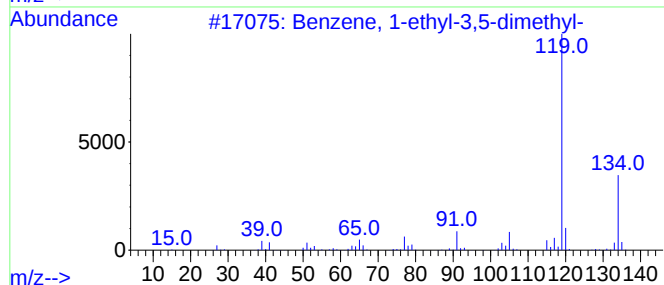
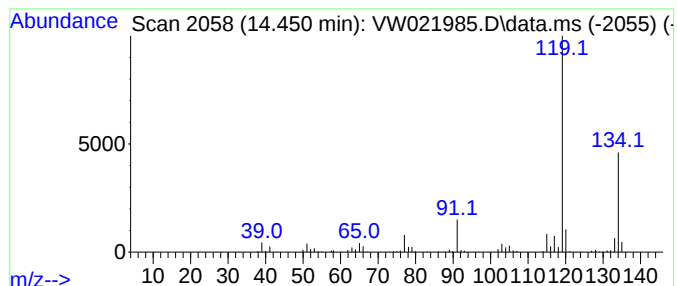
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	9.00 ug/L	177925	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

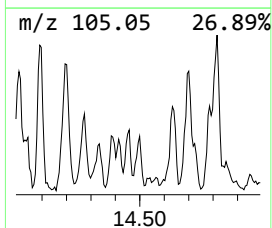
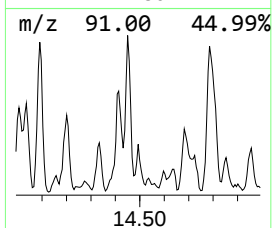
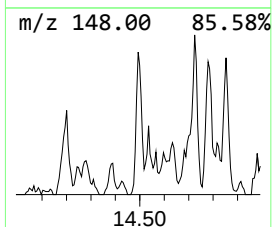
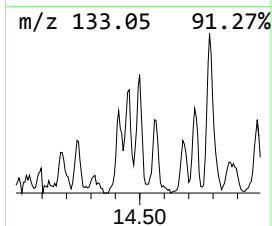
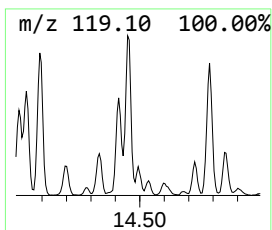
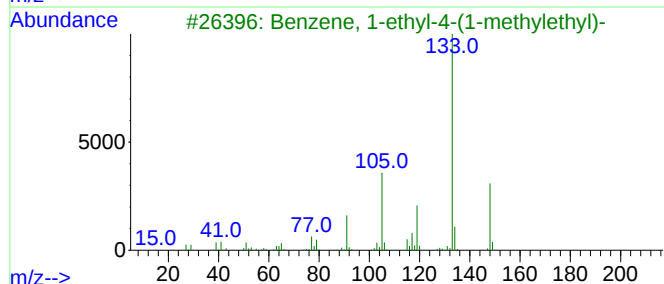
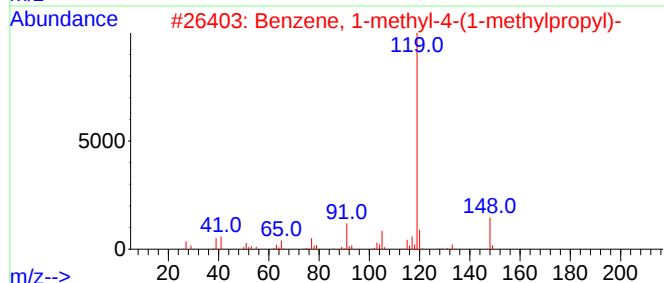
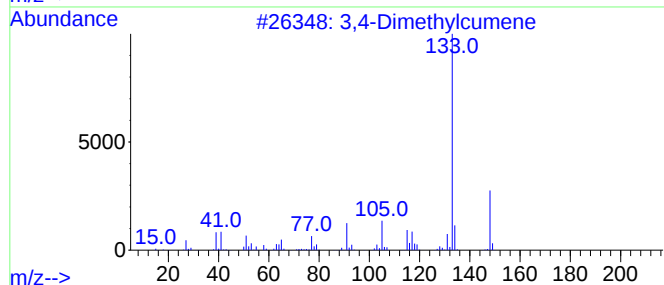
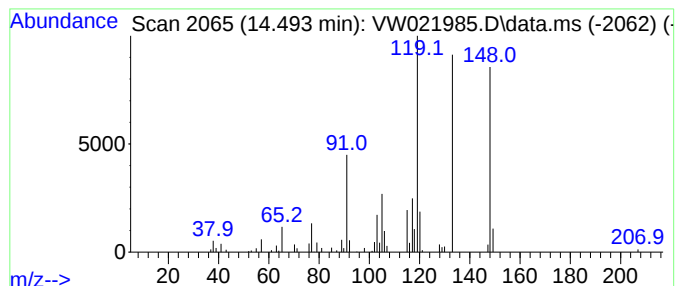
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Quant Title : SFAM01.0

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

Peak Number 19 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	2.51 ug/L	49542	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	49
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	47
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4			3-Pyridinecarbonitrile, 1,2-dihy...	148	C8H8N2O	000769-28-8	46
5			Anethole	148	C10H12O	000104-46-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

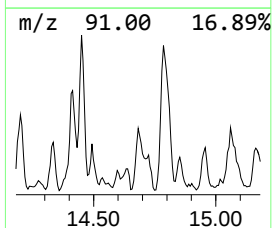
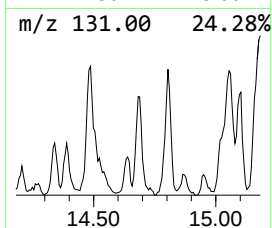
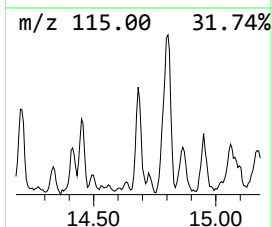
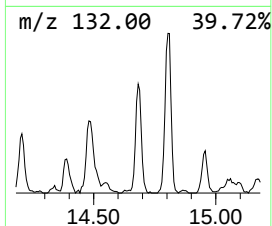
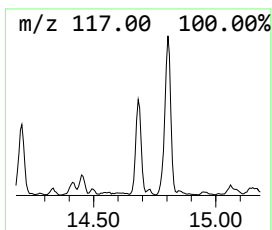
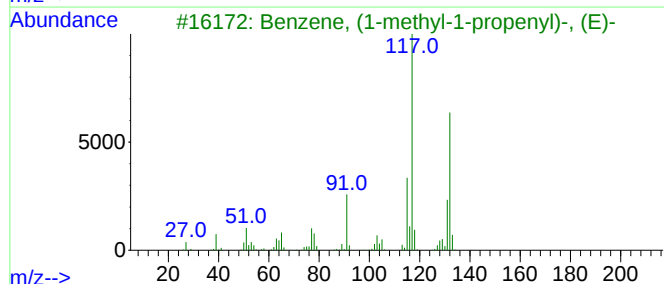
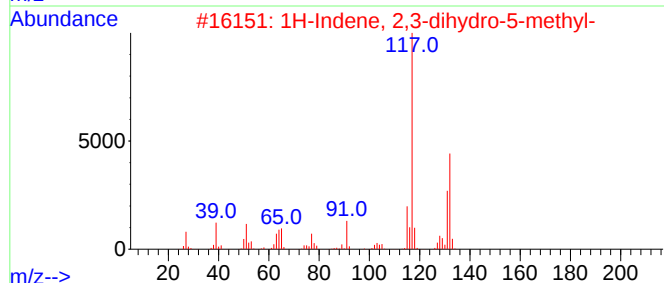
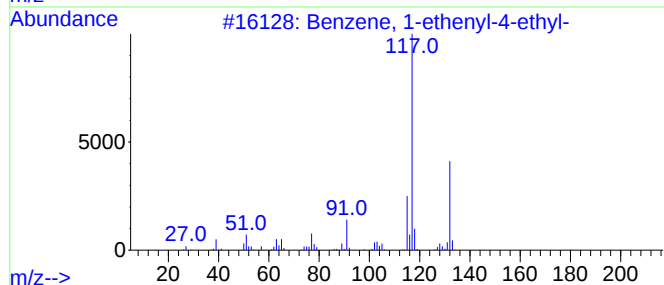
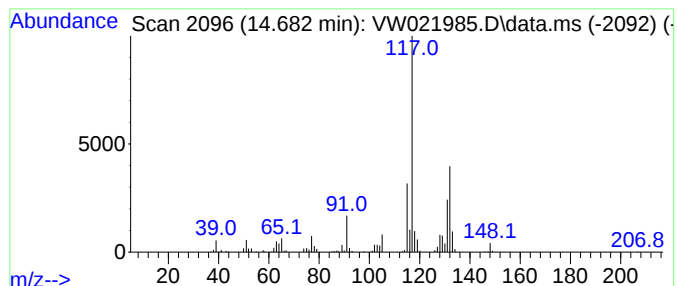
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	5.15 ug/L	101797	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

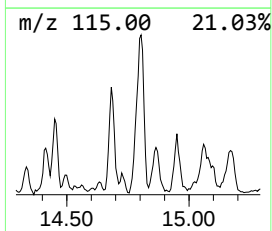
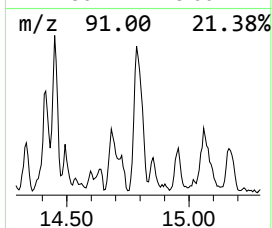
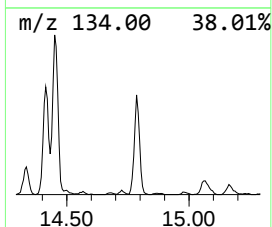
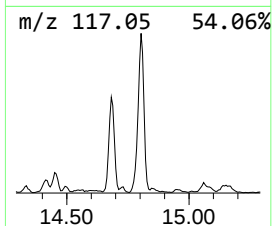
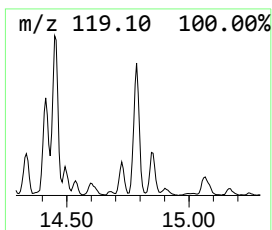
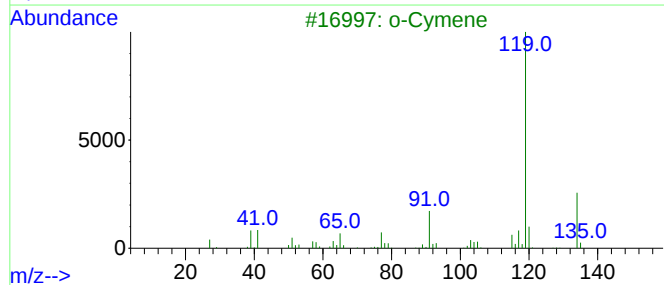
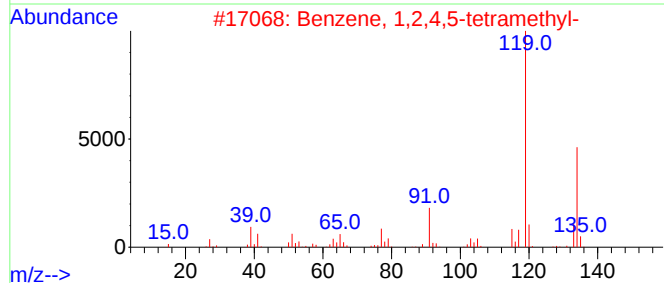
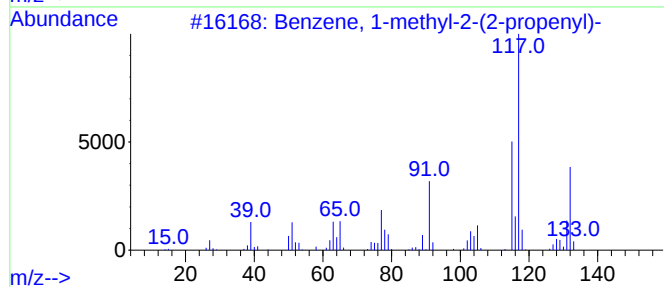
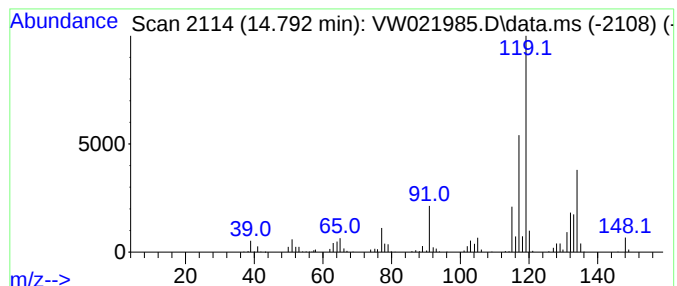
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	16.04 ug/L	317039	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3			o-Cymene	134	C10H14	000527-84-4	60
4			o-Cymene	134	C10H14	000527-84-4	60
5			p-Cymene	134	C10H14	000099-87-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

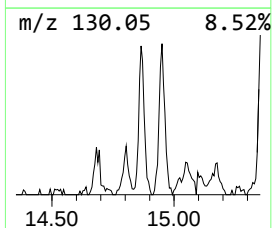
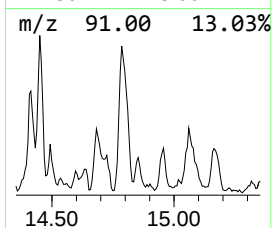
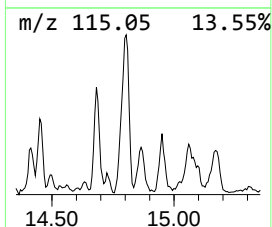
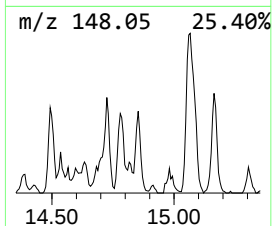
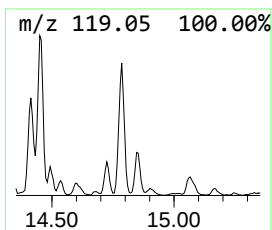
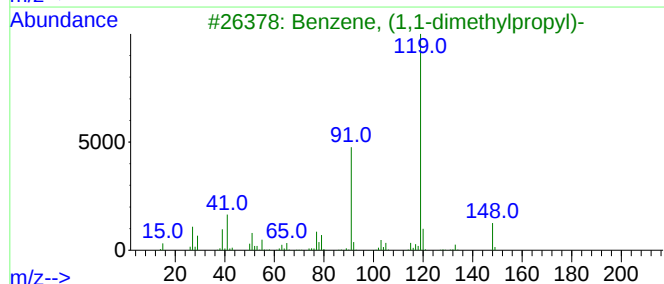
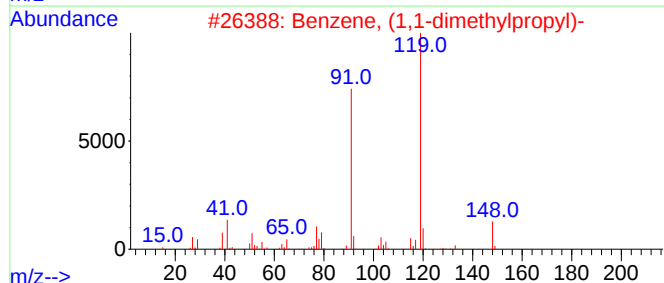
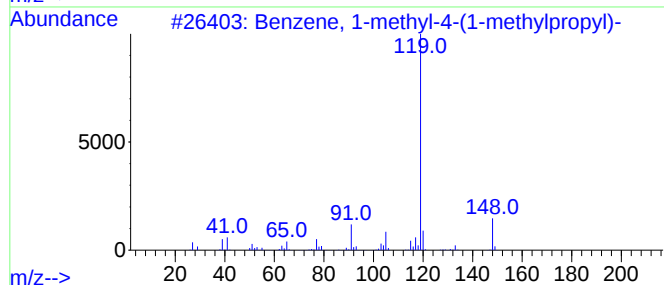
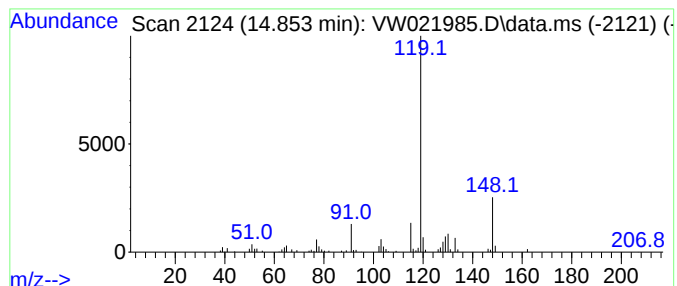
Instrument :
MSVOA_W
ClientSampleId :
BGLW4

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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.853	3.37 ug/L	66593	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...		148	C11H16	001595-16-0	72
2	Benzene, (1,1-dimethylpropyl)-		148	C11H16	002049-95-8	64
3	Benzene, (1,1-dimethylpropyl)-		148	C11H16	002049-95-8	59
4	p-Cymene		134	C10H14	000099-87-6	53
5	1,3,5-Cycloheptatriene, 3,7,7-tr...		134	C10H14	003479-89-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

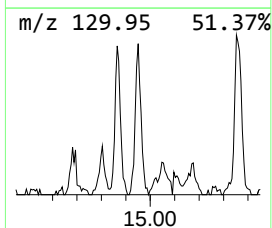
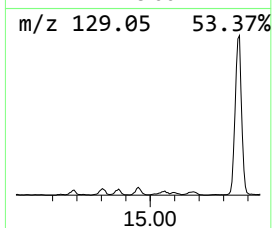
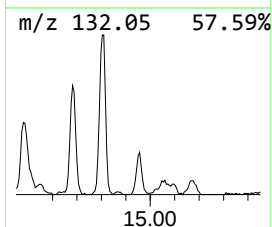
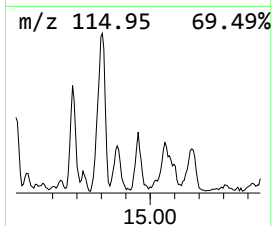
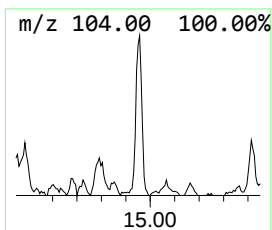
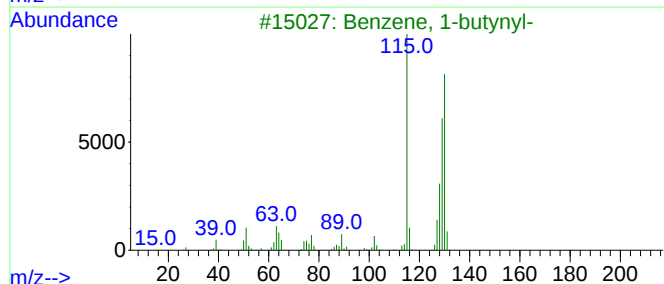
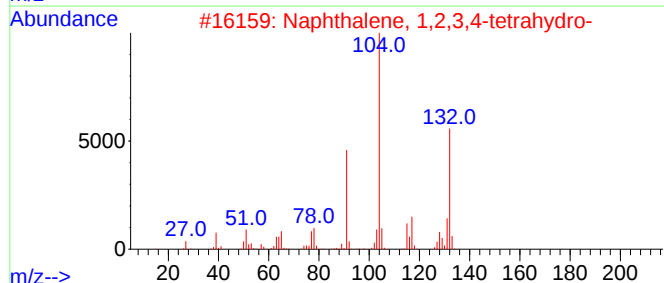
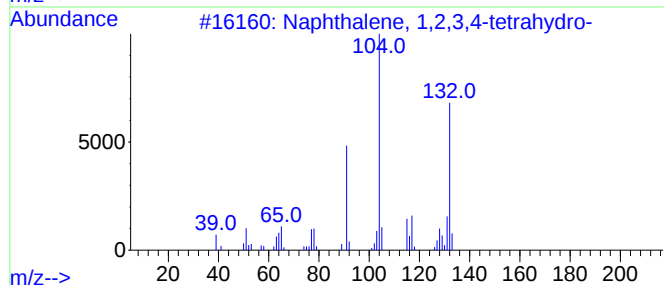
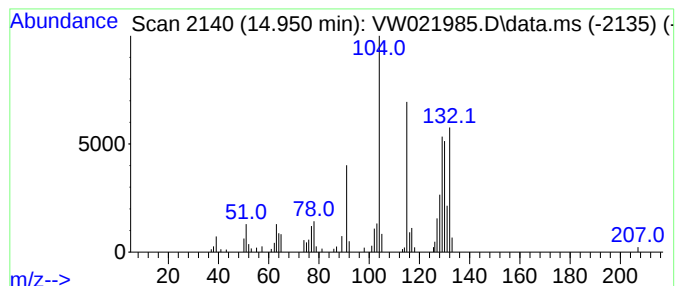
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Quant Title : SFAM01.0

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

Peak Number 24 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	2.73 ug/L	53877	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
3			Benzene, 1-butynyl-	130	C10H10	000622-76-4	86
4			2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	86
5			Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

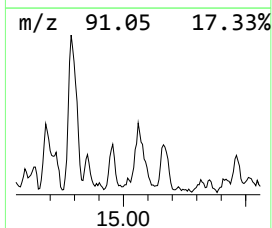
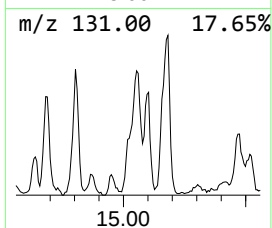
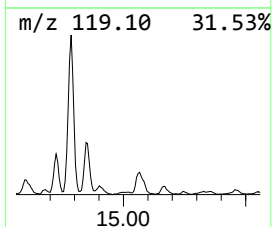
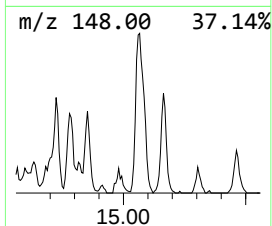
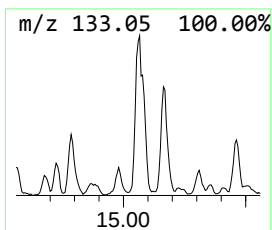
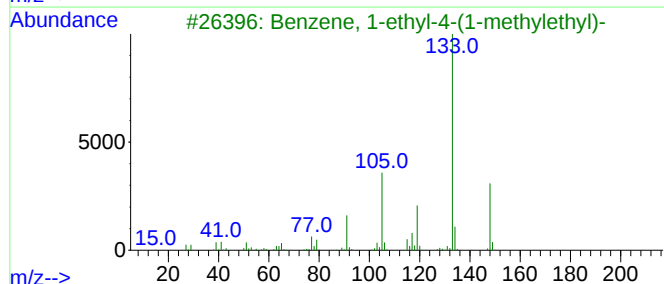
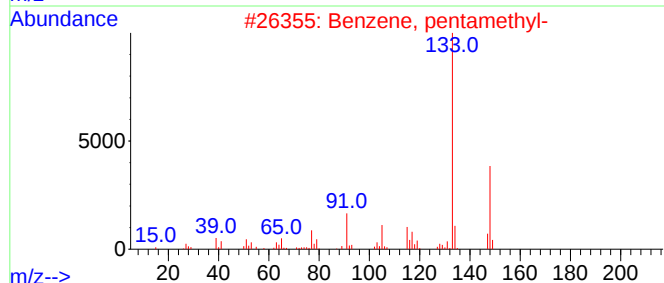
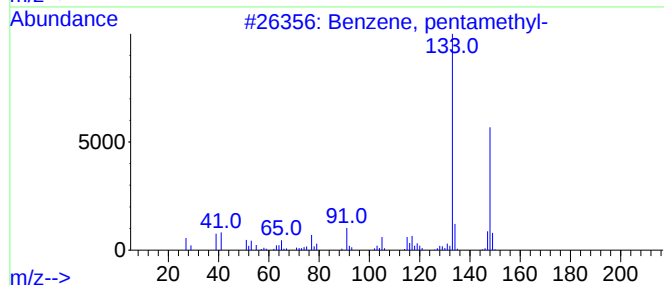
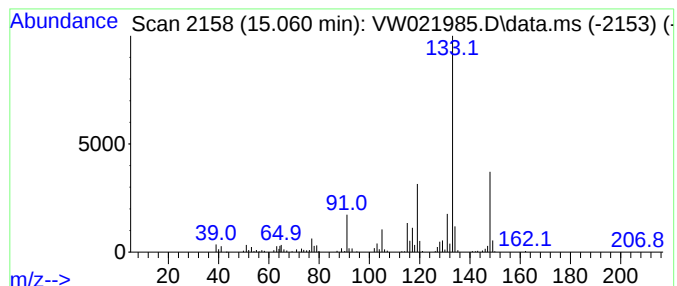
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, pentamethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	7.68 ug/L	151759	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
5			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

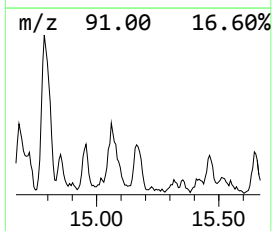
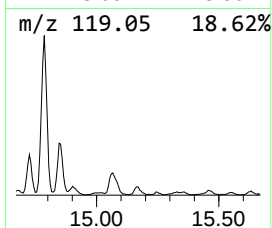
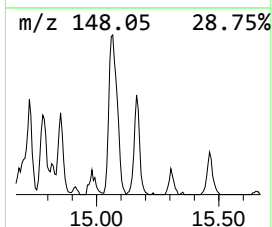
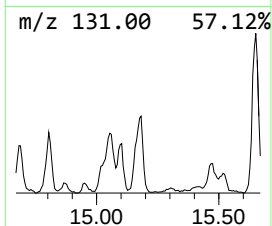
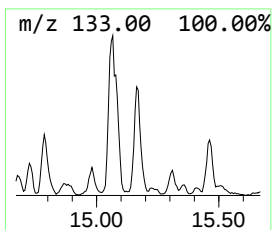
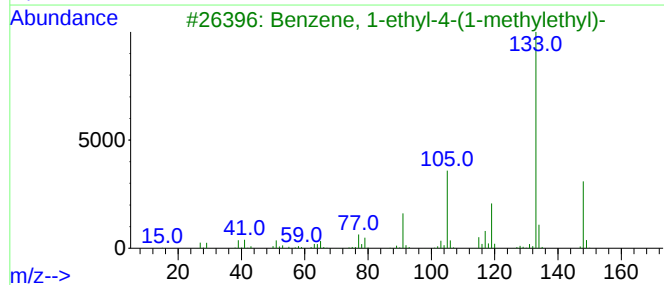
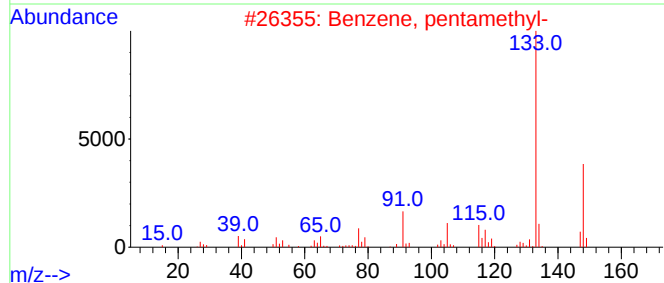
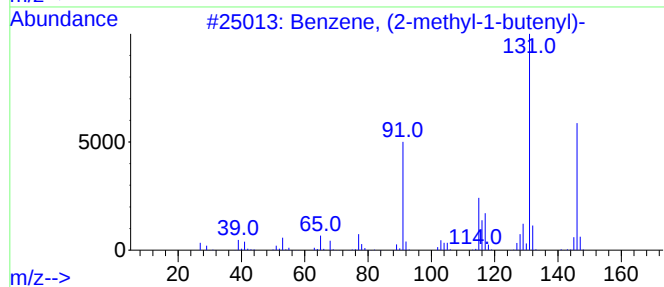
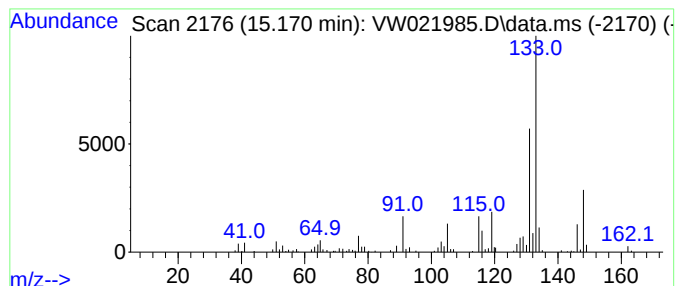
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, (2-methyl-1-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	4.96 ug/L	97971	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	58
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

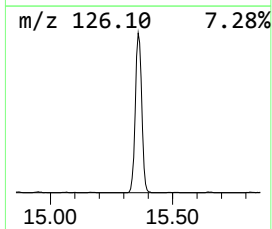
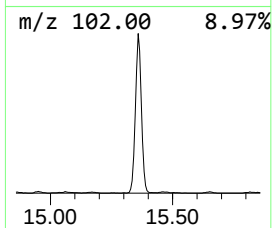
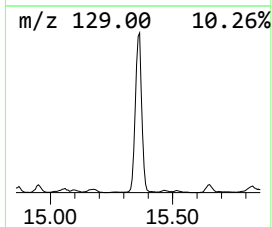
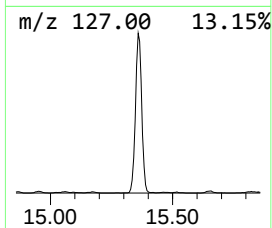
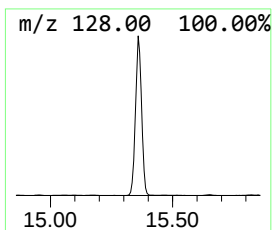
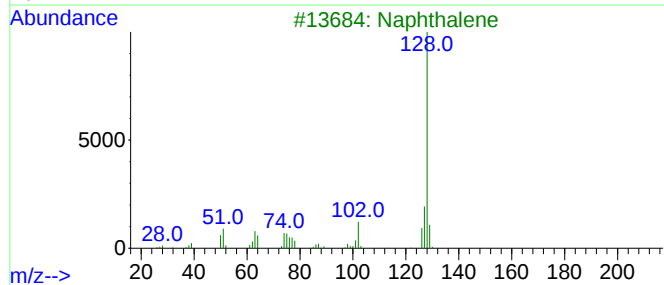
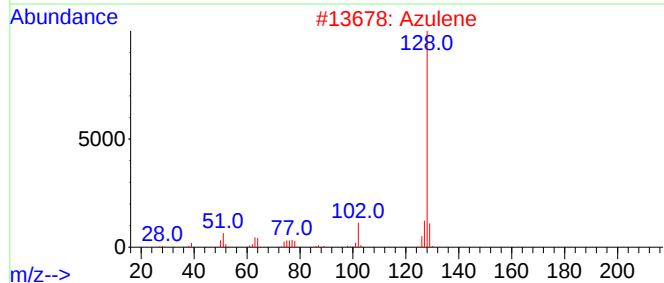
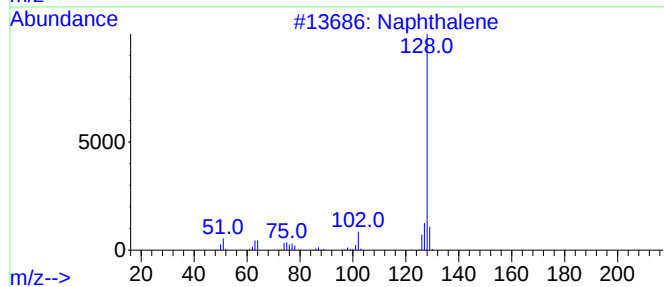
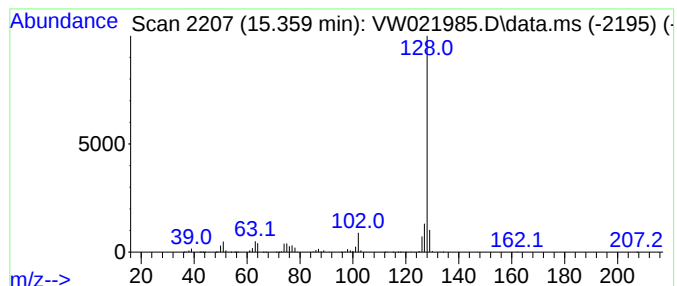
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Quant Title : SFAM01.0

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

Peak Number 27 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	81.16 ug/L	1604230	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			Naphthalene	128	C10H8	000091-20-3	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

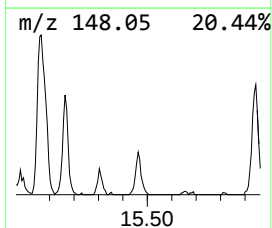
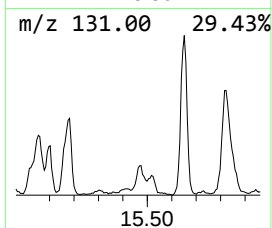
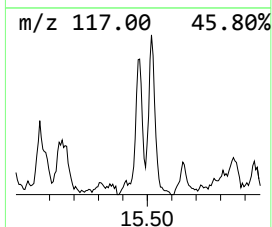
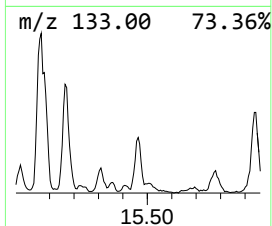
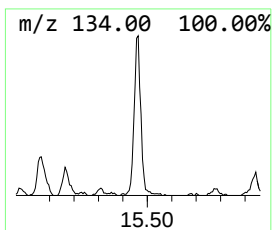
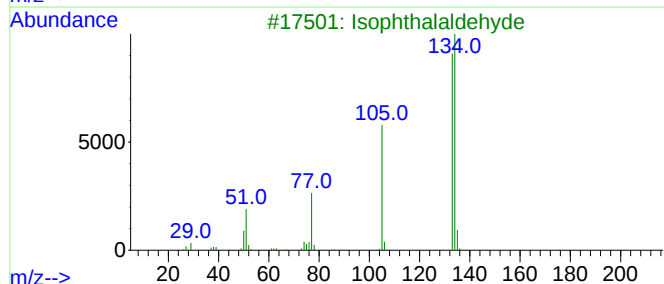
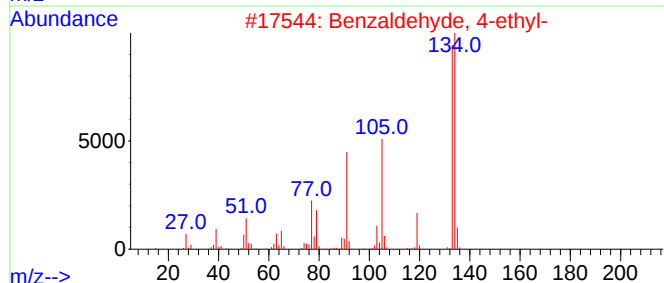
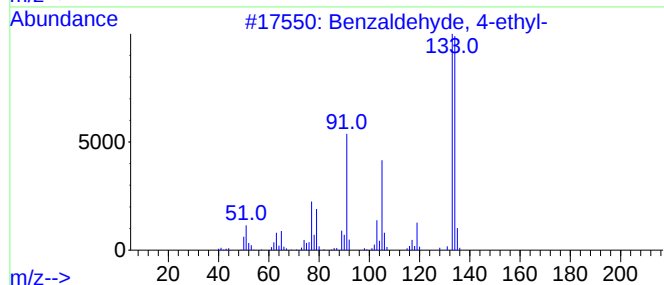
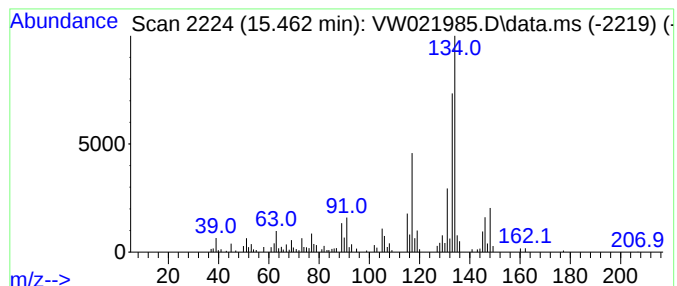
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Quant Title : SFAM01.0

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

Peak Number 28 Benzaldehyde, 4-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	3.66 ug/L	72358	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	52
2			Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	47
3			Isophthalaldehyde	134	C8H6O2	000626-19-7	43
4			Benzaldehyde, 2,5-dimethyl-	134	C9H10O	005779-94-2	43
5			Isophthalaldehyde	134	C8H6O2	000626-19-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

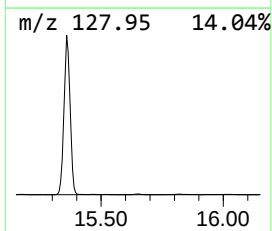
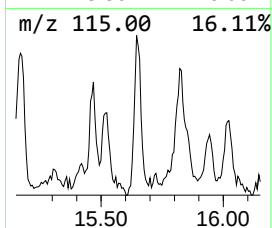
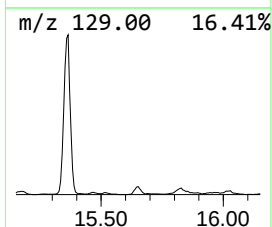
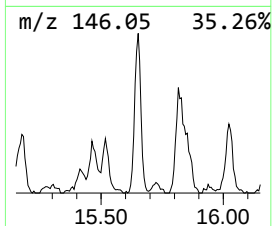
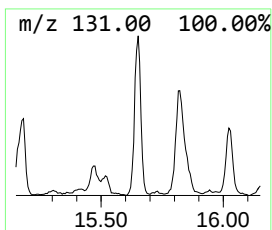
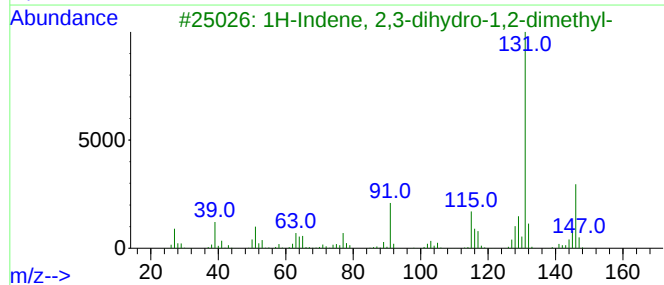
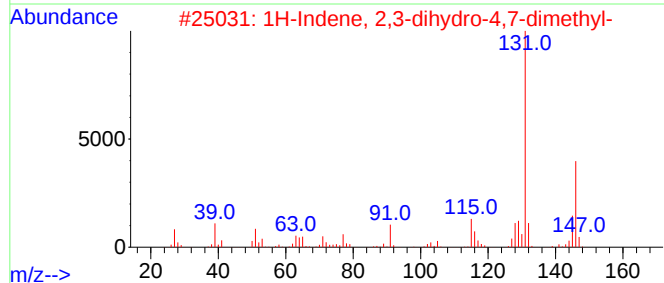
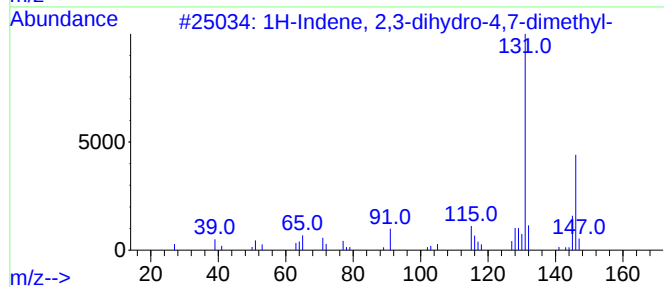
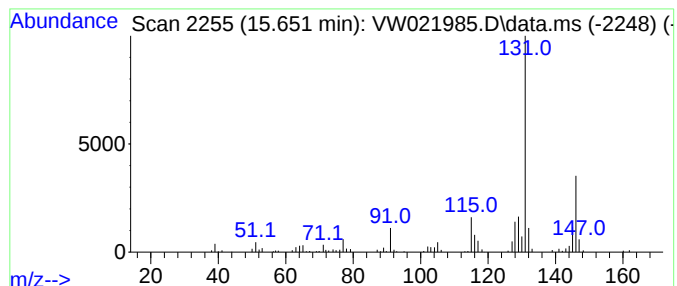
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Quant Title : SFAM01.0

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

Peak Number 29 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	4.93 ug/L	97376	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95		
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94		
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94		
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

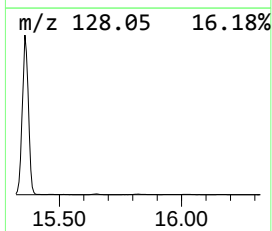
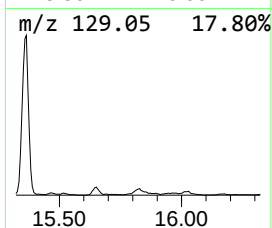
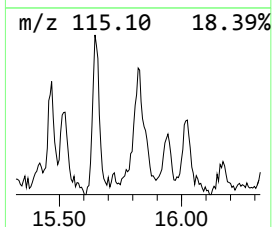
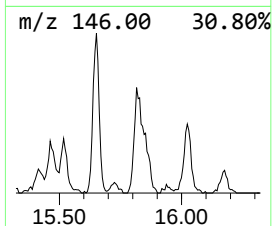
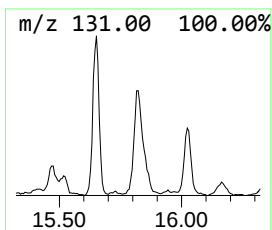
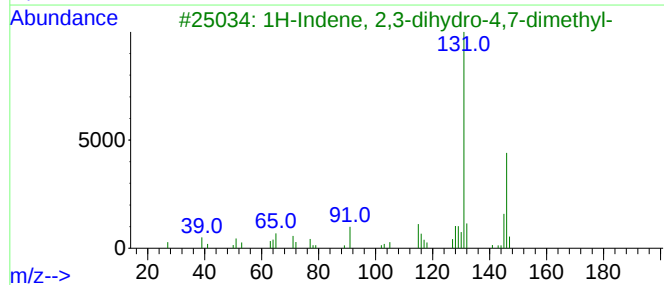
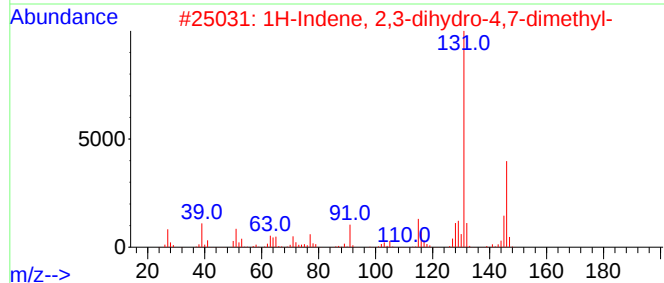
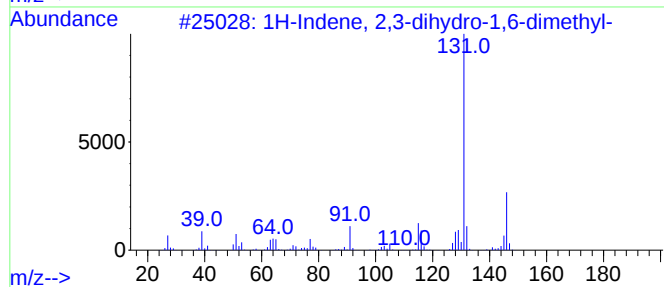
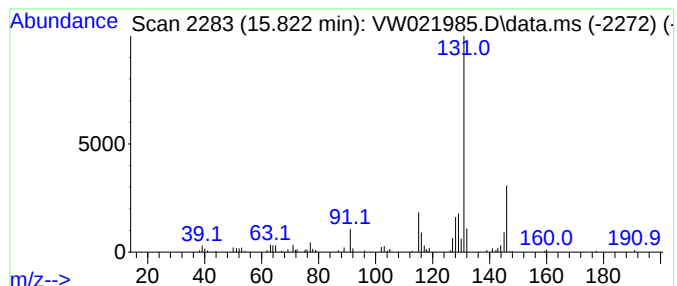
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Quant Title : SFAM01.0

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

Peak Number 30 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	5.09 ug/L	100620	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

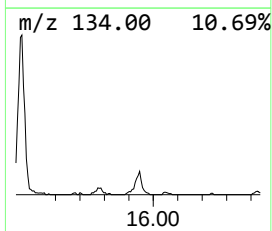
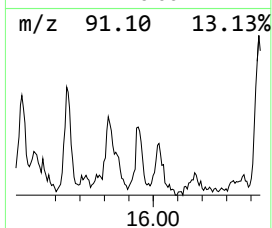
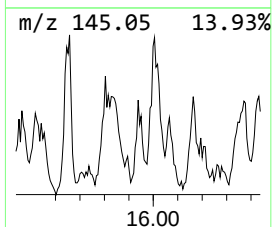
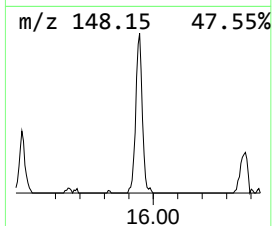
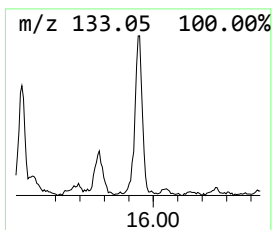
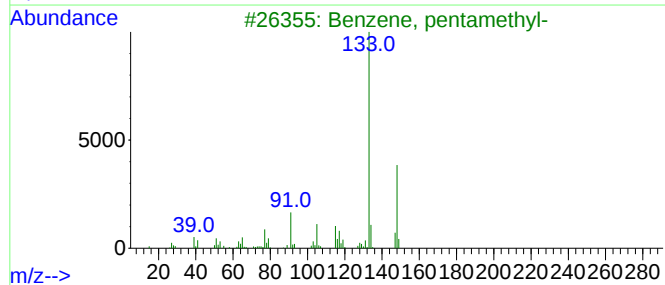
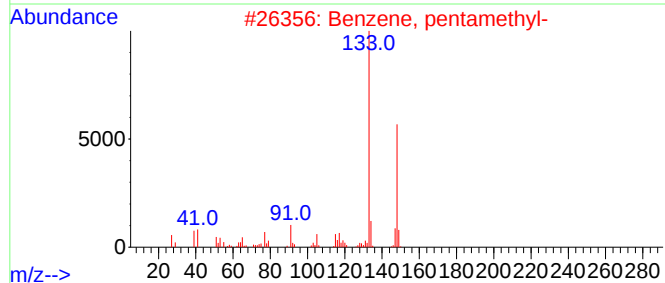
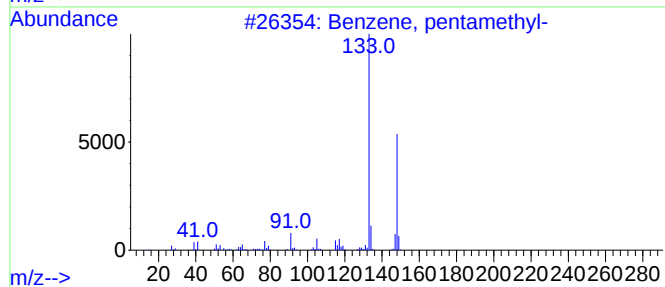
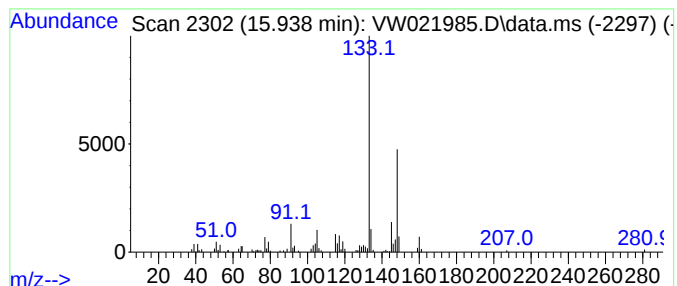
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Quant Title : SFAM01.0

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

Peak Number 31 1,5,6,7-Tetramethylbicyclo[... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.938	2.77 ug/L	54674	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4			1,5,6,7-Tetramethylbicyclo[3.2.0...]	148	C11H16	134329-46-7	80
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

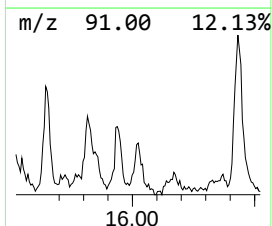
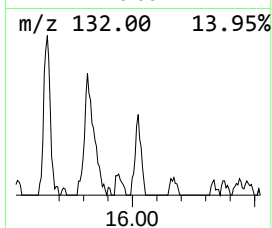
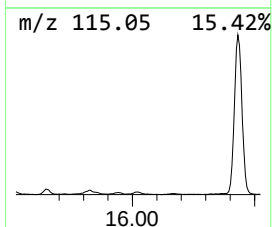
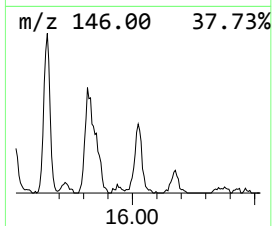
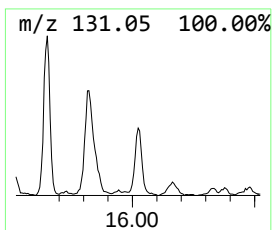
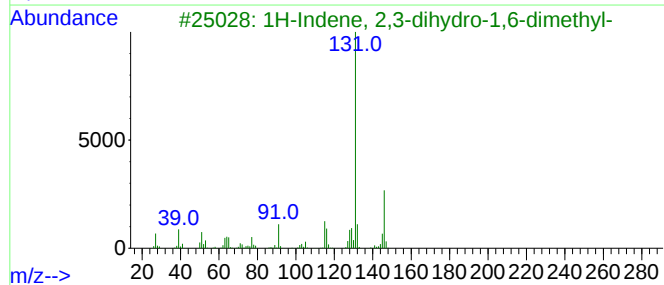
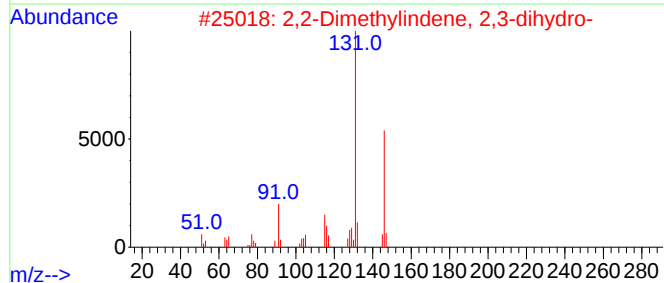
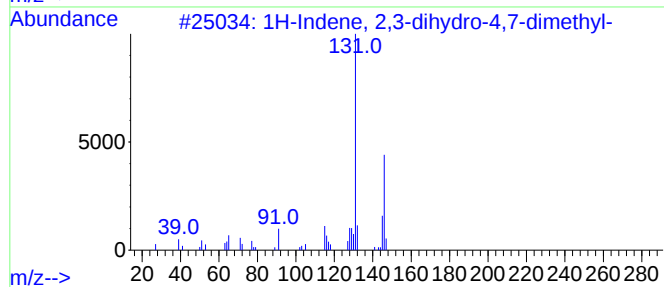
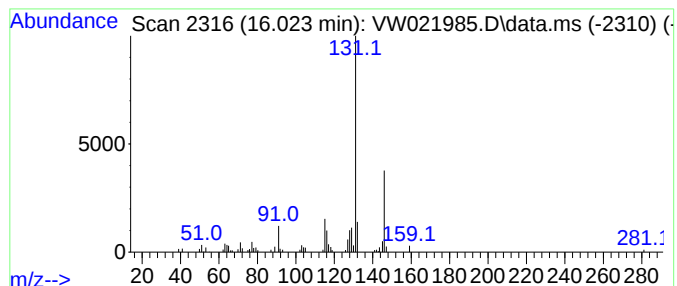
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Quant Title : SFAM01.0

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

Peak Number 32 2,2-Dimethylindene, 2,3-dih... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.023	2.97 ug/L	58773	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

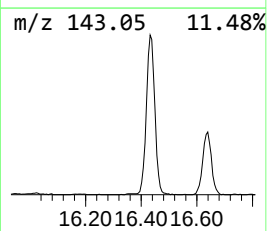
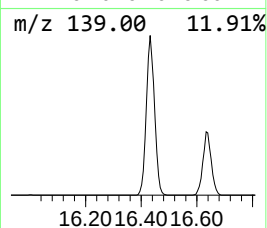
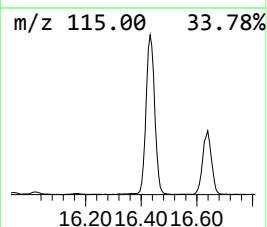
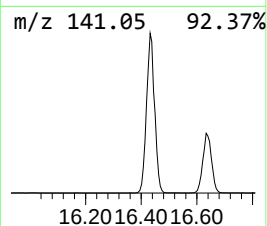
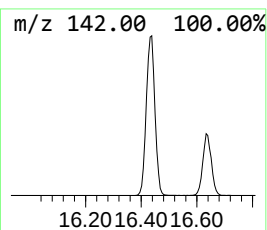
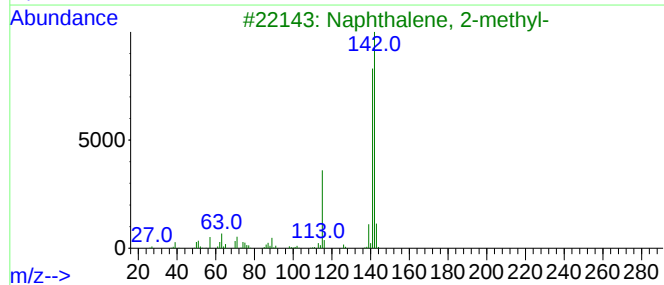
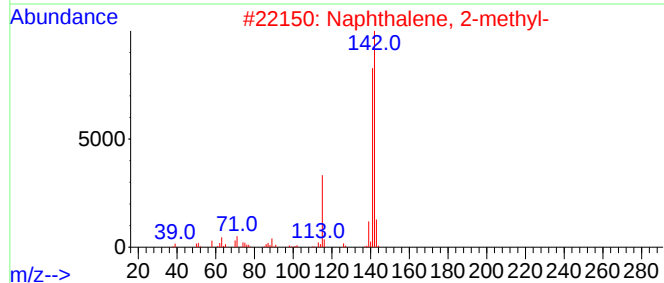
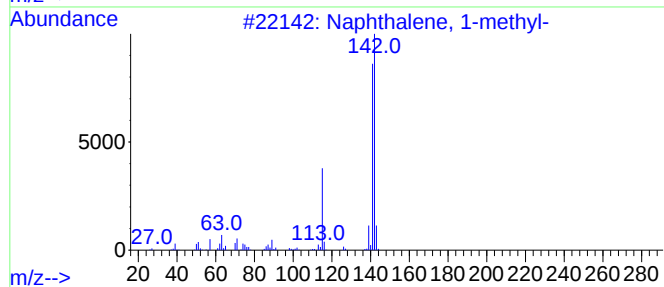
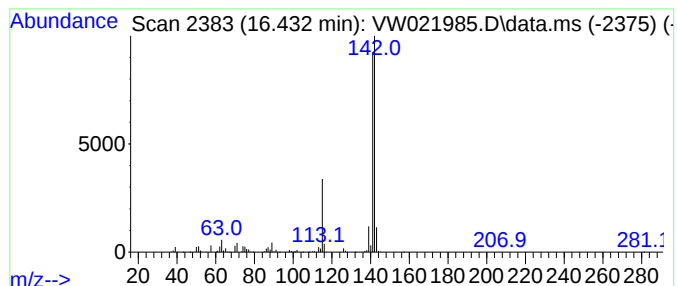
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Quant Title : SFAM01.0

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

Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	79.08 ug/L	1563080	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
Data File : VW021985.D
Acq On : 17 Jan 2022 19:23
Operator : SY/VA
Sample : N1155-10
Misc : 6.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLW4

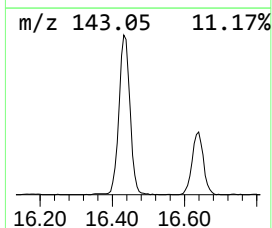
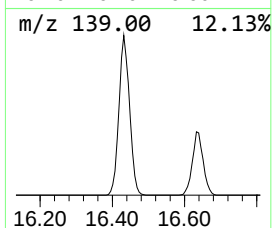
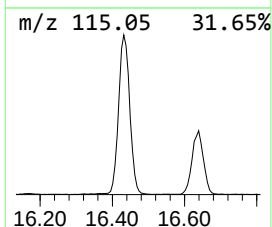
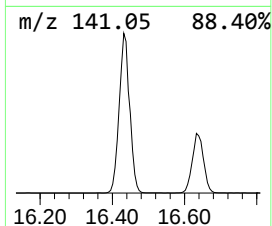
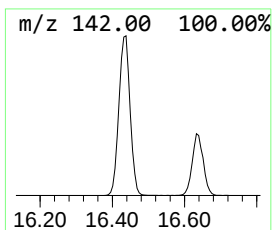
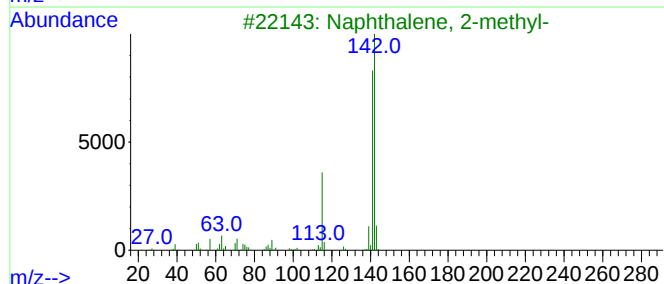
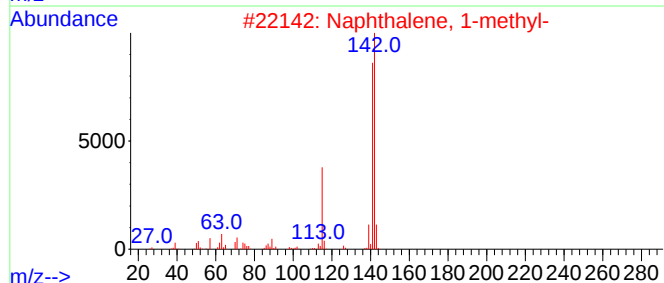
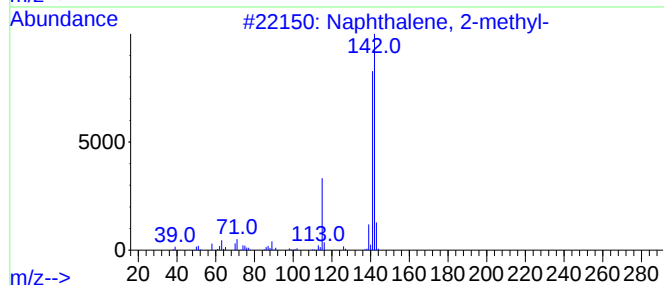
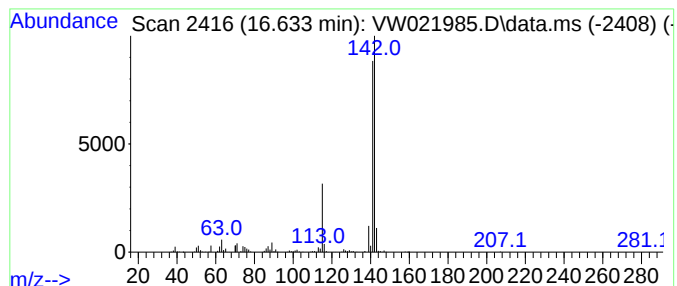
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Quant Title : SFAM01.0

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

Peak Number 35 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	31.87 ug/L	630035	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021985.D
 Acq On : 17 Jan 2022 19:23
 Operator : SY/VA
 Sample : N1155-10
 Misc : 6.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	9.067	1.5	ug/L	22256	1	8.842	360527	25.0
Benzene, propyl-	12.804	9.4	ug/L	185111	3	13.554	494159	25.0
Benzene, 1-ethy...	12.865	4.4	ug/L	86084	3	13.554	494159	25.0
Benzene, 1-ethy...	13.097	13.9	ug/L	274681	3	13.554	494159	25.0
Benzene, (1-met...	13.371	2.2	ug/L	42673	3	13.554	494159	25.0
Benzene, 1-meth...	13.438	2.1	ug/L	42335	3	13.554	494159	25.0
Benzene, 1,3-di...	13.713	3.1	ug/L	62156	3	13.554	494159	25.0
Indane	13.755	14.6	ug/L	288819	3	13.554	494159	25.0
Indene	13.938	8.0	ug/L	157541	3	13.554	494159	25.0
Benzene, 2-ethy...	14.005	4.9	ug/L	97348	3	13.554	494159	25.0
Benzene, 1,2,3,...	14.036	5.5	ug/L	108194	3	13.554	494159	25.0
Benzene, 1-ethy...	14.091	8.5	ug/L	168720	3	13.554	494159	25.0
3-Phenylbut-1-ene	14.200	4.7	ug/L	92772	3	13.554	494159	25.0
Benzene, 4-ethy...	14.335	2.9	ug/L	56878	3	13.554	494159	25.0
Benzene, 1,2,3,...	14.414	8.0	ug/L	157395	3	13.554	494159	25.0
Benzene, 1-ethy...	14.450	9.0	ug/L	177925	3	13.554	494159	25.0
unknown-01	14.493	2.5	ug/L	49542	3	13.554	494159	25.0
Benzene, 1-ethe...	14.682	5.2	ug/L	101797	3	13.554	494159	25.0
Benzene, 1-meth...	14.792	16.0	ug/L	317039	3	13.554	494159	25.0
Benzene, 1-meth...	14.853	3.4	ug/L	66593	3	13.554	494159	25.0
Naphthalene, 1,...	14.950	2.7	ug/L	53877	3	13.554	494159	25.0
Benzene, pentam...	15.060	7.7	ug/L	151759	3	13.554	494159	25.0
Benzene, (2-met...	15.170	5.0	ug/L	97971	3	13.554	494159	25.0
Azulene	15.359	81.2	ug/L	1604230	3	13.554	494159	25.0
Benzaldehyde, 4...	15.462	3.7	ug/L	72358	3	13.554	494159	25.0
1H-Indene, 2,3-...	15.651	4.9	ug/L	97376	3	13.554	494159	25.0
1H-Indene, 2,3-...	15.822	5.1	ug/L	100620	3	13.554	494159	25.0
1,5,6,7-Tetrame...	15.938	2.8	ug/L	54674	3	13.554	494159	25.0
2,2-Dimethylind...	16.023	3.0	ug/L	58773	3	13.554	494159	25.0
Naphthalene, 1-...	16.432	79.1	ug/L	1563080	3	13.554	494159	25.0
Naphthalene, 2-...	16.633	31.9	ug/L	630035	3	13.554	494159	25.0