

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021558.D
 Acq On : 22 Dec 2021 13:13
 Operator : SY/VA
 Sample : M5153-06
 Misc : 4.70g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL71

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	38	42	45	rBV2	449	613	0.03%	0.003%
2	2.343	65	72	82	rVB	44926	73925	3.90%	0.384%
3	2.507	92	99	117	rBV	9980	27971	1.48%	0.145%
4	2.794	144	146	148	rVV	311	294	0.02%	0.002%
5	2.812	148	149	151	rVV2	367	357	0.02%	0.002%
6	2.879	153	160	172	rVV	27152	57572	3.04%	0.299%
7	3.062	188	190	194	rBV2	278	337	0.02%	0.002%
8	3.111	196	198	204	rVB2	238	383	0.02%	0.002%
9	3.379	240	242	244	rVB	493	438	0.02%	0.002%
10	4.007	334	345	361	rBV	56353	159410	8.41%	0.828%
11	4.159	363	370	371	rBV2	2769	4282	0.23%	0.022%
12	4.367	397	404	413	rVB2	1475	4234	0.22%	0.022%
13	4.909	481	493	506	rBV	19786	62284	3.29%	0.324%
14	5.793	630	638	645	rBV4	989	3175	0.17%	0.016%
15	5.933	653	661	668	rVV4	1072	3118	0.16%	0.016%
16	6.116	689	691	693	rVB	358	292	0.02%	0.002%
17	6.903	812	820	830	rBV3	3836	11928	0.63%	0.062%
18	7.098	841	852	863	rBV	8161	28637	1.51%	0.149%
19	7.646	930	942	955	rBV	93086	227226	11.99%	1.181%
20	7.933	985	989	991	rBV2	197	268	0.01%	0.001%
21	8.274	1035	1045	1061	rBV2	175465	511730	27.00%	2.659%
22	8.482	1077	1079	1082	rVB	429	426	0.02%	0.002%
23	8.549	1086	1090	1097	rVB2	613	1190	0.06%	0.006%
24	8.713	1113	1117	1122	rVB4	511	918	0.05%	0.005%
25	8.841	1129	1138	1147	rBV	178401	351892	18.57%	1.828%
26	9.079	1172	1177	1181	rBB2	501	837	0.04%	0.004%
27	9.213	1195	1199	1200	rBV2	603	578	0.03%	0.003%
28	9.274	1201	1209	1225	rVV	117277	242004	12.77%	1.257%
29	9.408	1225	1231	1240	rVV2	4426	8987	0.47%	0.047%
30	9.664	1267	1273	1281	rVB2	746	1435	0.08%	0.007%
31	9.884	1307	1309	1315	rVB	414	486	0.03%	0.003%
32	10.036	1326	1334	1344	rVB	62521	114353	6.03%	0.594%
33	10.213	1358	1363	1373	rVV2	1955	3531	0.19%	0.018%
34	10.323	1373	1381	1388	rVV	269308	466967	24.64%	2.426%
35	10.384	1388	1391	1401	rVB	5705	9535	0.50%	0.050%
36	10.487	1404	1408	1415	rBB3	760	1349	0.07%	0.007%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	10.579	1416	1423	1436	rBV2	39136	69114	3.65%	0.359%
38	10.701	1438	1443	1447	rVB2	1343	2073	0.11%	0.011%
39	10.829	1457	1464	1466	rBV	1417	2712	0.14%	0.014%
40	10.926	1473	1480	1489	rBV	45084	80276	4.24%	0.417%
41	11.073	1499	1504	1517	rVB	14195	24555	1.30%	0.128%
42	11.182	1518	1522	1526	rBV5	1592	2822	0.15%	0.015%
43	11.274	1532	1537	1540	rBV3	1960	3193	0.17%	0.017%
44	11.335	1544	1547	1550	rBV3	1986	2469	0.13%	0.013%
45	11.408	1555	1559	1570	rVB4	5253	13033	0.69%	0.068%
46	11.512	1570	1576	1581	rBV2	7740	15040	0.79%	0.078%
47	11.652	1585	1599	1606	rBV2	339528	969114	51.14%	5.036%
48	11.731	1606	1612	1621	rVB	56557	96941	5.12%	0.504%
49	11.835	1621	1629	1640	rBV	60273	136798	7.22%	0.711%
50	11.914	1640	1642	1647	rVB3	3964	5198	0.27%	0.027%
51	12.005	1649	1657	1659	rBV8	1408	2985	0.16%	0.016%
52	12.060	1661	1666	1670	rVB3	4739	7573	0.40%	0.039%
53	12.164	1671	1683	1690	rBV	108941	214096	11.30%	1.112%
54	12.249	1693	1697	1702	rVB2	17739	26956	1.42%	0.140%
55	12.335	1702	1711	1717	rBV4	35021	95798	5.06%	0.498%
56	12.463	1727	1732	1736	rBV	47338	81190	4.28%	0.422%
57	12.560	1742	1748	1755	rVB2	46658	103843	5.48%	0.540%
58	12.646	1759	1762	1765	rBV	10955	13070	0.69%	0.068%
59	12.694	1765	1770	1775	rVB	80606	131424	6.94%	0.683%
60	12.798	1781	1787	1792	rVB	53969	107449	5.67%	0.558%
61	12.865	1792	1798	1800	rBV2	49192	83120	4.39%	0.432%
62	12.896	1800	1803	1806	rVV2	77393	125520	6.62%	0.652%
63	12.938	1806	1810	1815	rVV2	104311	191478	10.10%	0.995%
64	12.987	1816	1818	1824	rVB3	25833	36889	1.95%	0.192%
65	13.103	1829	1837	1843	rBV	108164	256669	13.54%	1.334%
66	13.164	1843	1847	1851	rVV	45534	60658	3.20%	0.315%
67	13.249	1855	1861	1866	rBV	497408	753900	39.78%	3.917%
68	13.341	1873	1876	1878	rBV3	16821	24531	1.29%	0.127%
69	13.438	1889	1892	1896	rVB2	79192	114593	6.05%	0.595%
70	13.487	1896	1900	1907	rBV3	53028	95761	5.05%	0.498%
71	13.560	1907	1912	1914	rBV	248351	458630	24.20%	2.383%
72	13.719	1933	1938	1939	rBV	83859	117608	6.21%	0.611%
73	13.749	1939	1943	1947	rVV3	331060	577351	30.47%	3.000%
74	13.792	1947	1950	1956	rVV3	157202	339741	17.93%	1.765%
75	13.859	1956	1961	1968	rVV4	260133	661702	34.92%	3.438%
76	13.944	1971	1975	1979	rVV	112928	178973	9.44%	0.930%

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77	14.005	1981	1985	1988	rVV	196314	350914	18.52%	1.823%
78	14.036	1988	1990	1995	rVV	241498	316042	16.68%	1.642%
79	14.090	1995	1999	2008	rVB	385752	588210	31.04%	3.056%
80	14.200	2012	2017	2022	rVB2	204991	333419	17.59%	1.732%
81	14.255	2022	2026	2033	rBV6	62393	140081	7.39%	0.728%
82	14.328	2033	2038	2043	rBV4	164218	309207	16.32%	1.607%
83	14.383	2043	2047	2048	rBV2	87780	100017	5.28%	0.520%
84	14.414	2048	2052	2055	rVV	338838	534078	28.18%	2.775%
85	14.450	2055	2058	2063	rVV	423417	624325	32.95%	3.244%
86	14.493	2063	2065	2069	rVB	131016	153058	8.08%	0.795%
87	14.639	2085	2089	2092	rVB	106574	147658	7.79%	0.767%
88	14.682	2092	2096	2100	rBV2	148113	265020	13.99%	1.377%
89	14.724	2100	2103	2108	rVB	178187	262150	13.83%	1.362%
90	14.785	2108	2113	2121	rBV3	338695	946297	49.94%	4.917%
91	14.852	2121	2124	2130	rVB	143288	217994	11.50%	1.133%
92	14.956	2136	2141	2146	rBV2	90463	162906	8.60%	0.846%
93	15.060	2153	2158	2165	rBV2	230133	499981	26.38%	2.598%
94	15.127	2165	2169	2173	rVV	230505	339767	17.93%	1.765%
95	15.365	2196	2208	2214	rBV	974814	1894990	100.00%	9.846%
96	15.462	2220	2224	2229	rBV2	95045	162701	8.59%	0.845%
97	15.651	2248	2255	2261	rBV2	159040	325009	17.15%	1.689%
98	15.944	2299	2303	2308	rVB	88900	149908	7.91%	0.779%
99	16.438	2378	2384	2398	rVB	179350	458428	24.19%	2.382%
100	16.639	2410	2417	2430	rVB	542551	1295639	68.37%	6.732%

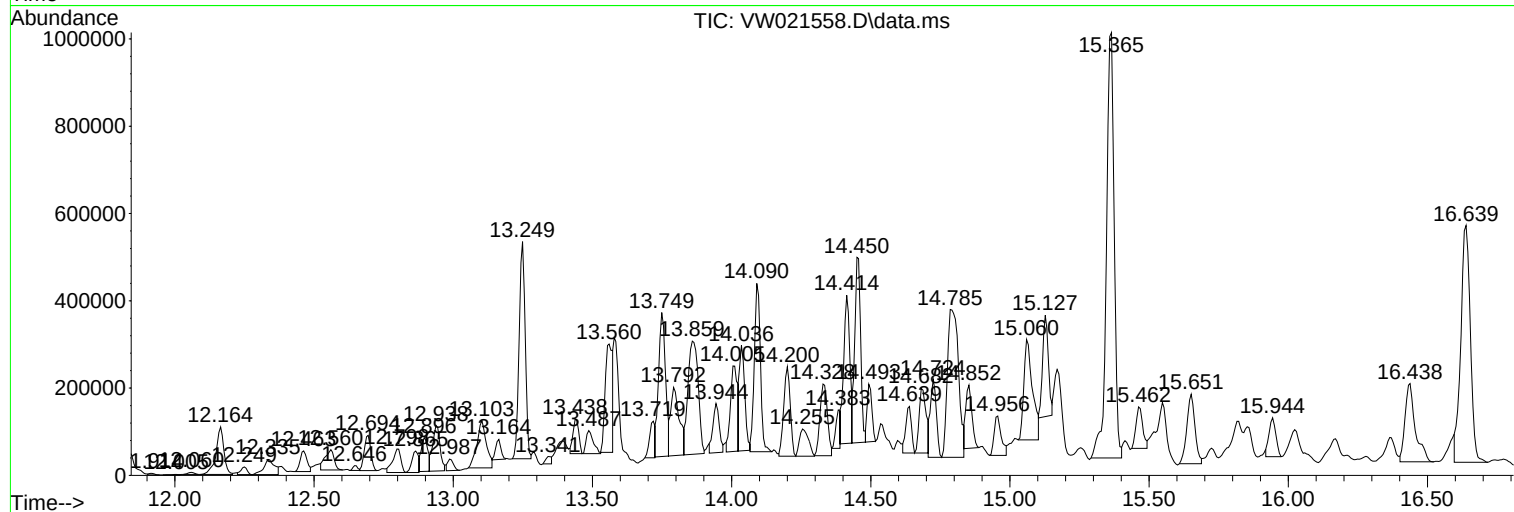
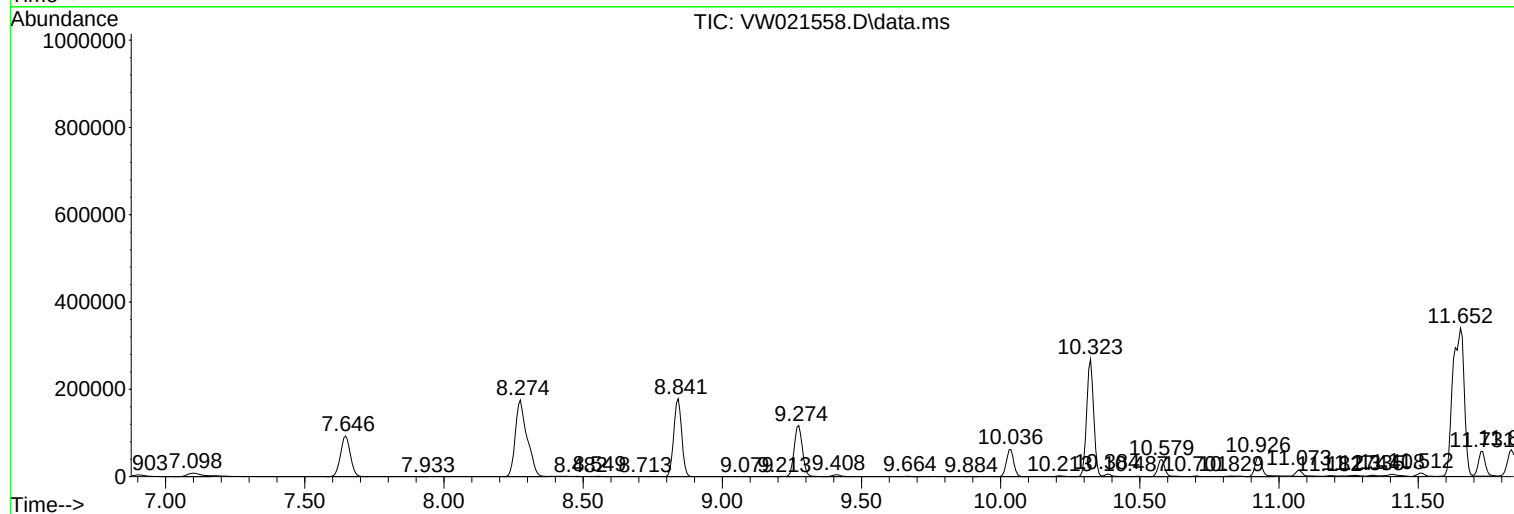
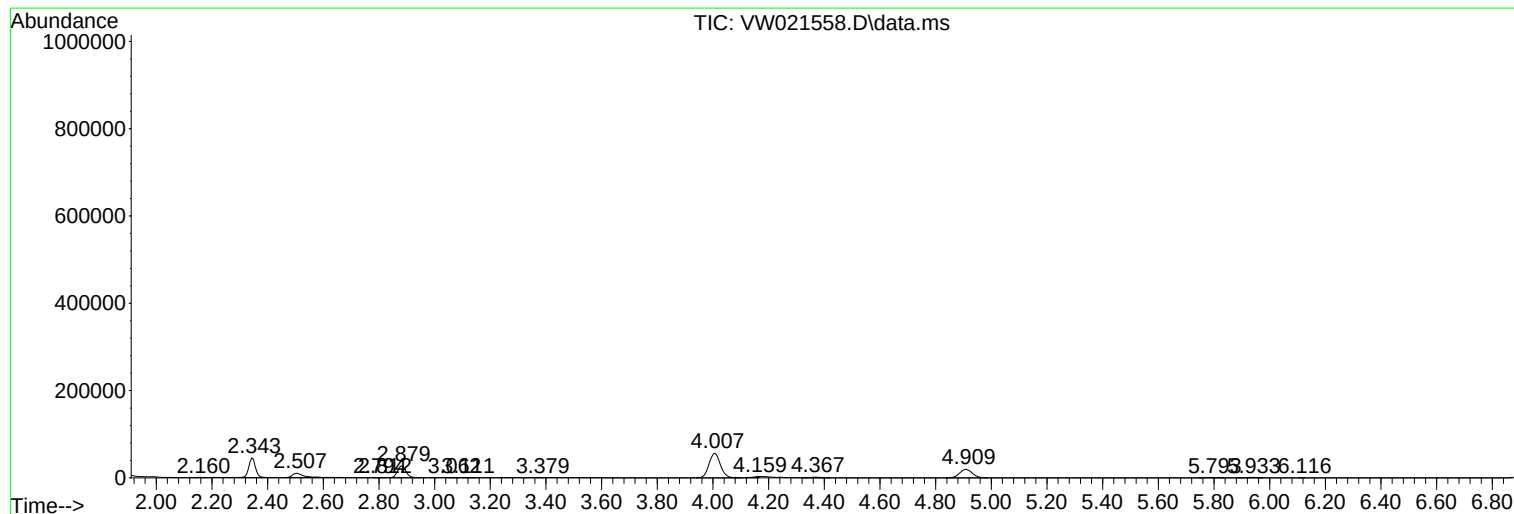
Sum of corrected areas: 19245607

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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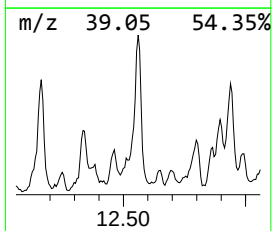
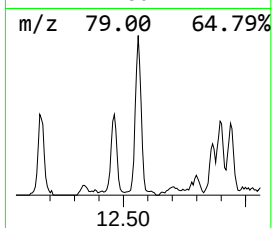
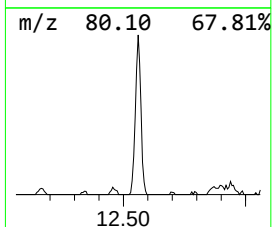
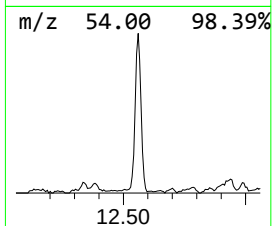
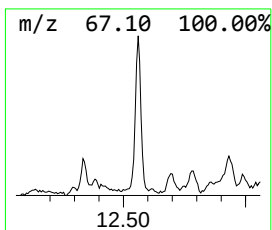
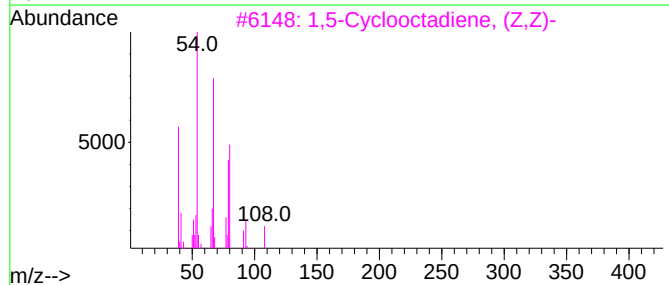
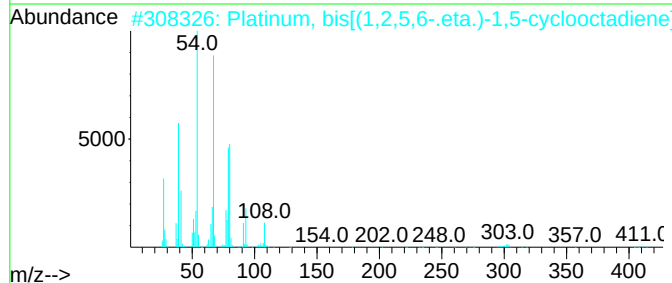
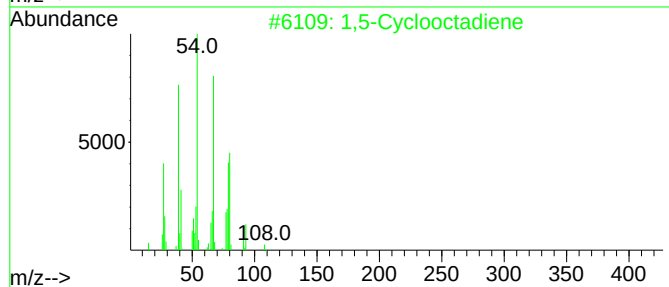
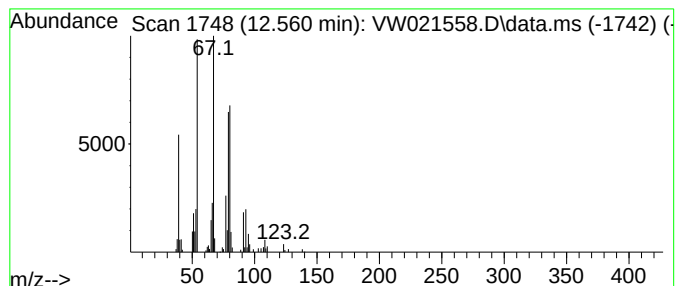
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 1,5-Cyclooctadiene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.560	2.68 ug/L	103843	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Cyclooctadiene	108	C8H12	000111-78-4	94
2			Platinum, bis[(1,2,5,6-.eta.)-1,...	411	C16H24Pt	012130-66-4	86
3			1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	83
4			1,5-Cyclooctadiene	108	C8H12	000111-78-4	80
5			2H-Pyran, 2,5-diethenyltetrahydro-	138	C9H14O	025724-33-8	72



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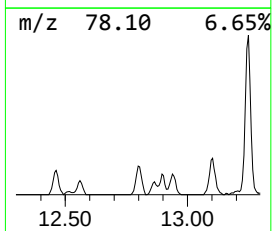
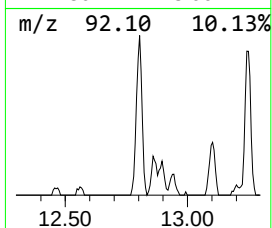
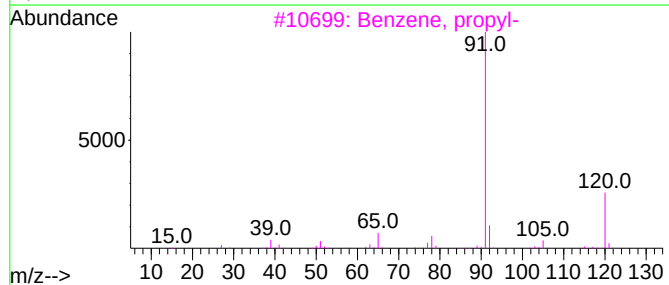
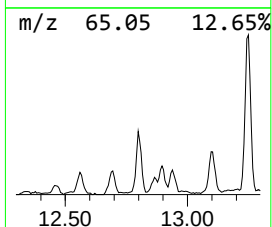
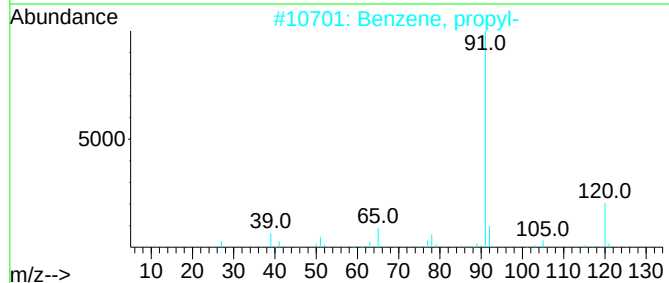
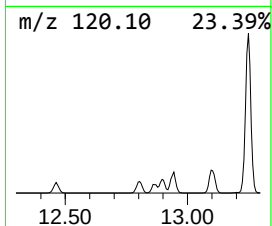
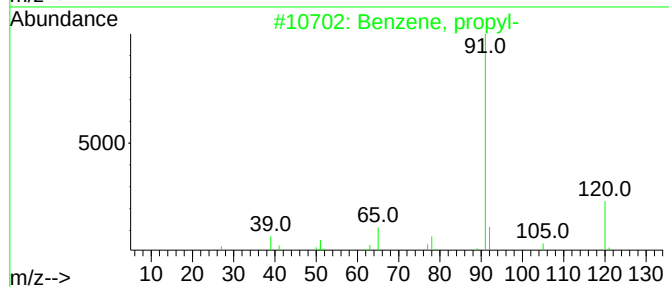
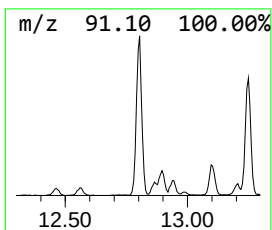
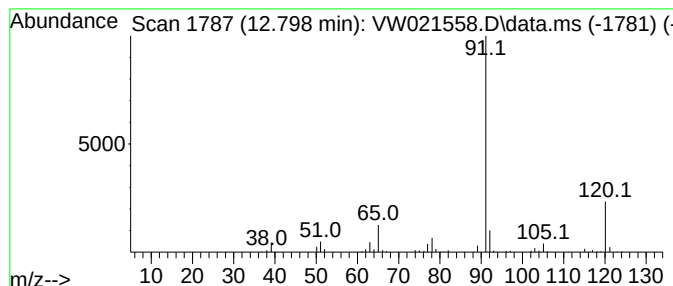
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	5.86 ug/L	107449	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Benzene, propyl-	120	C9H12	000103-65-1	87
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



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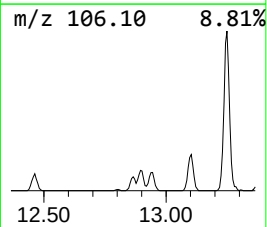
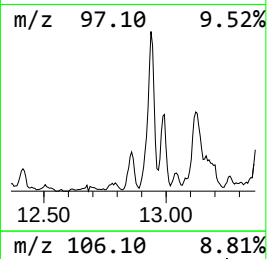
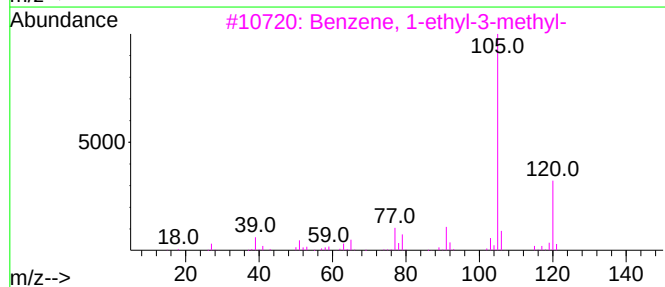
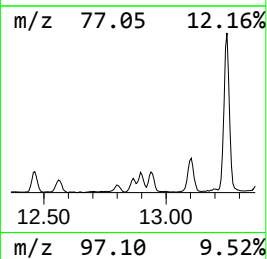
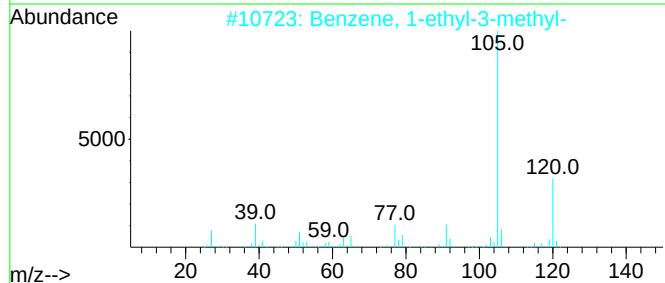
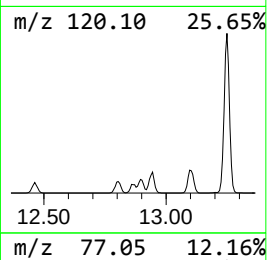
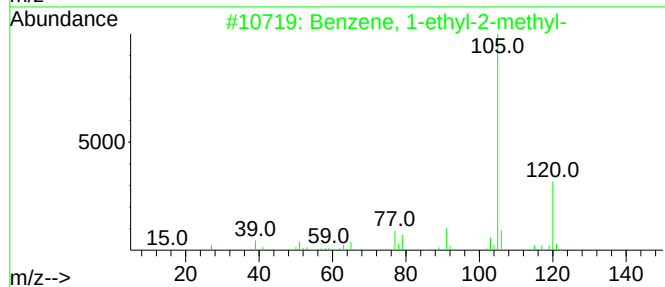
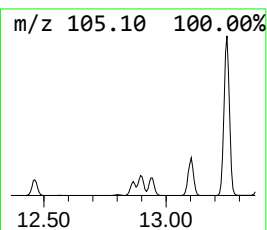
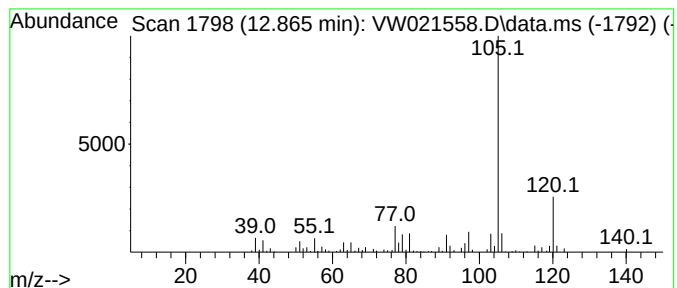
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	4.53 ug/L	83120	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	93
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5			Mesitylene	120	C9H12	000108-67-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

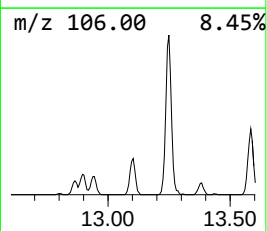
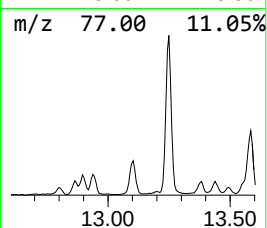
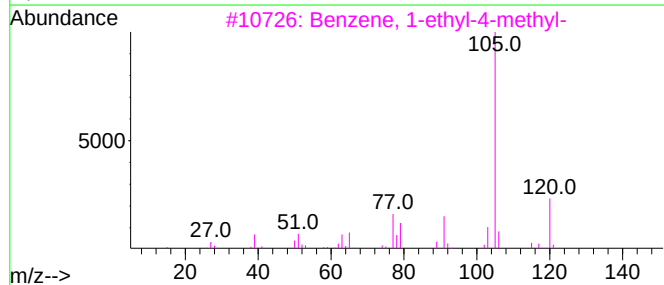
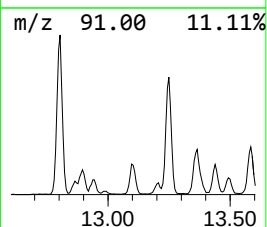
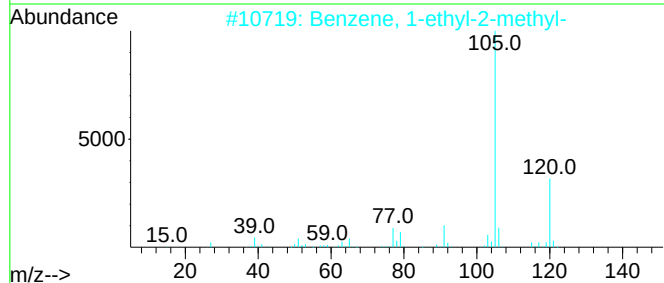
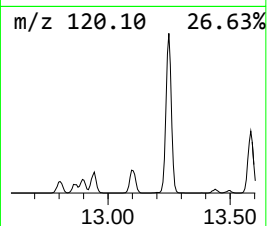
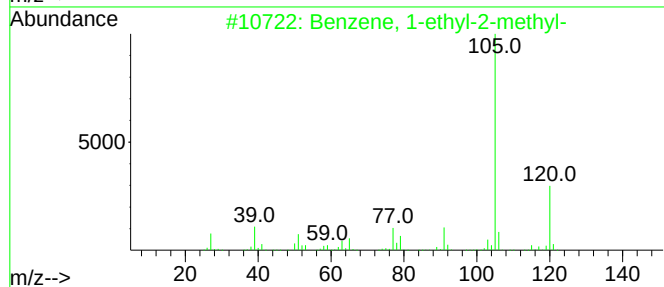
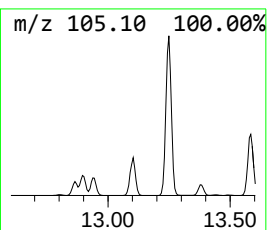
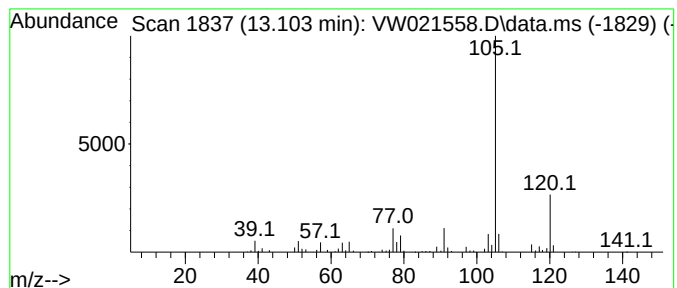
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	13.99 ug/L	256669	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-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

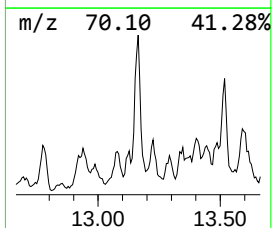
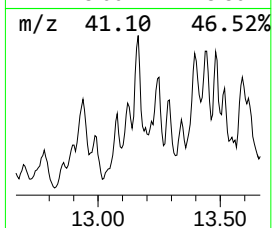
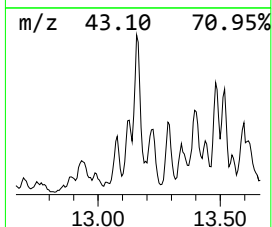
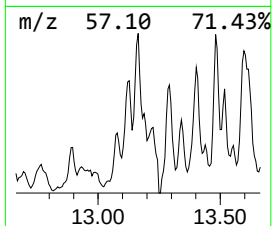
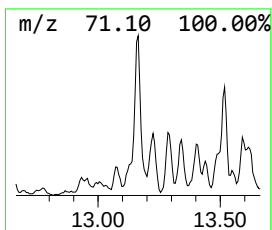
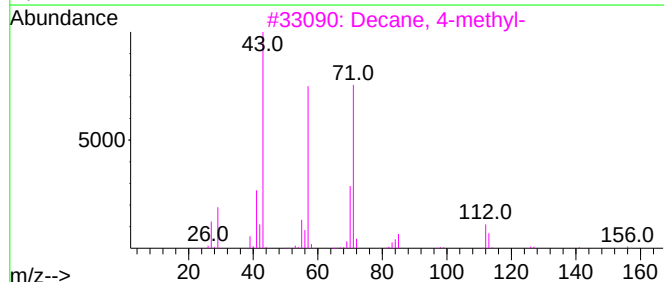
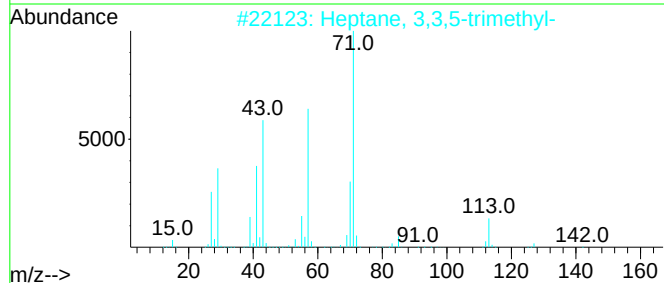
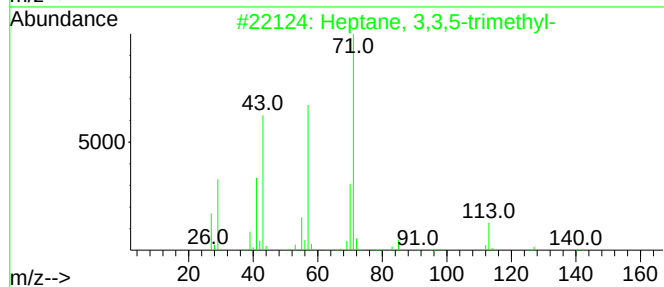
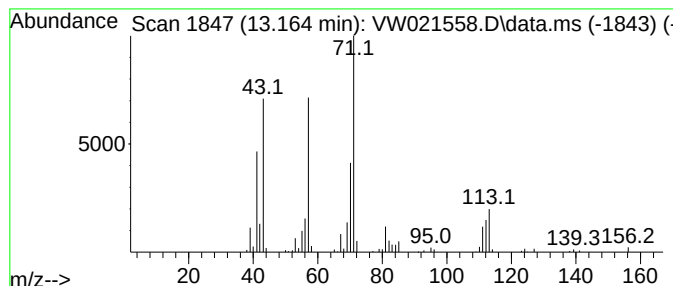
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	3.31 ug/L	60658	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
3			Decane, 4-methyl-	156	C11H24	002847-72-5	59
4			Decane, 4-methyl-	156	C11H24	002847-72-5	59
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

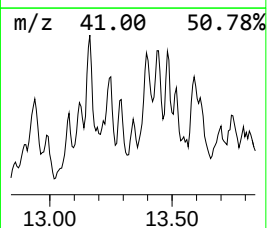
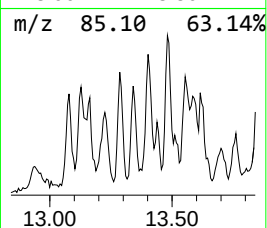
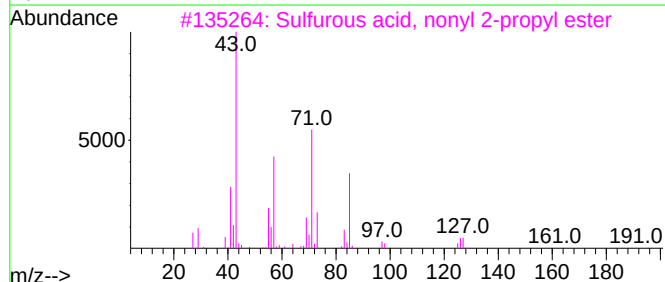
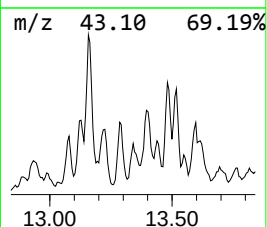
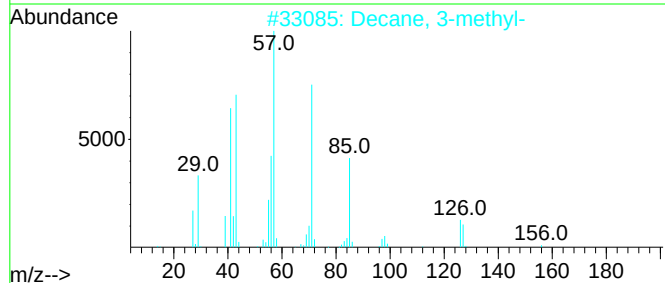
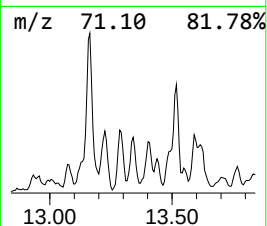
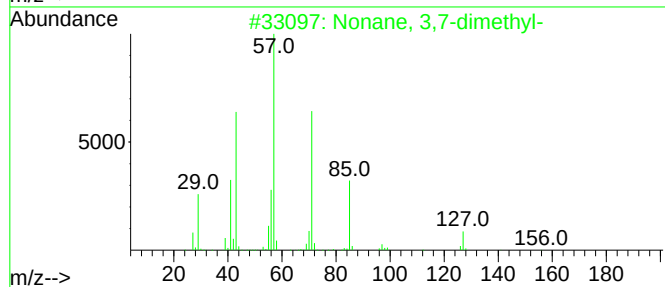
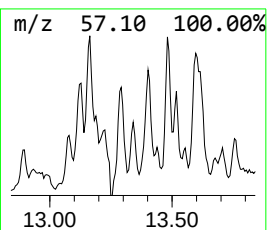
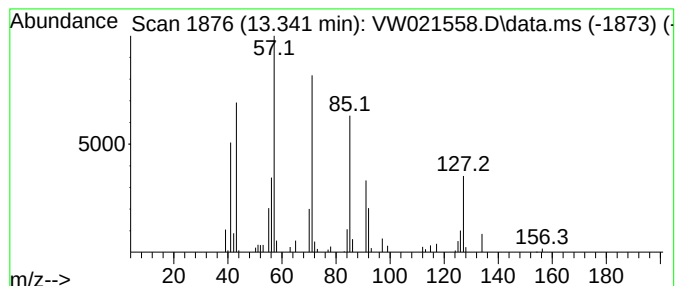
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.341	1.34 ug/L	24531	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2	Decane, 3-methyl-	156	C11H24	013151-34-3	74
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	47
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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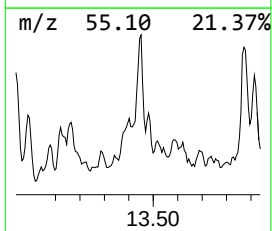
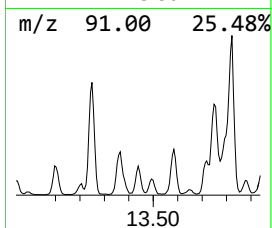
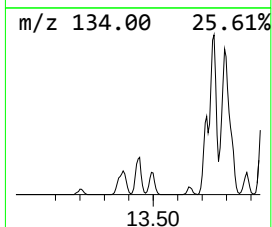
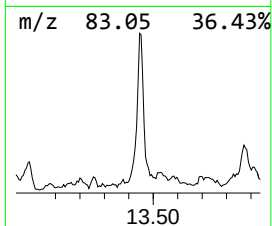
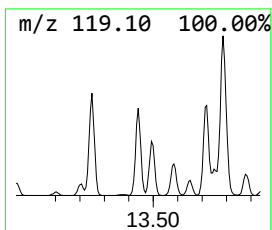
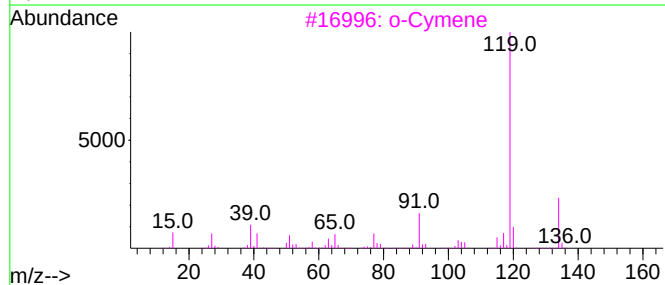
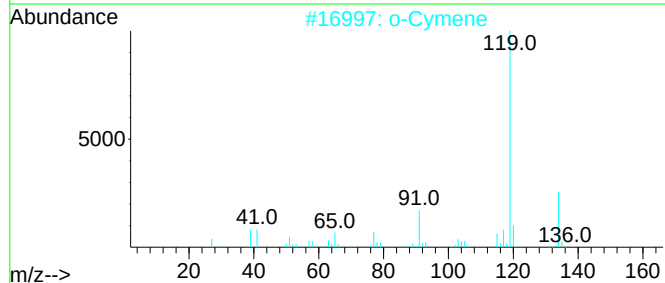
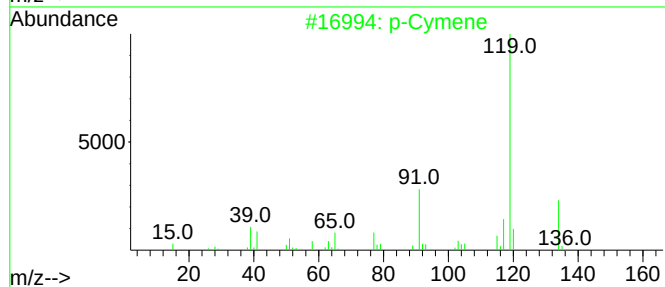
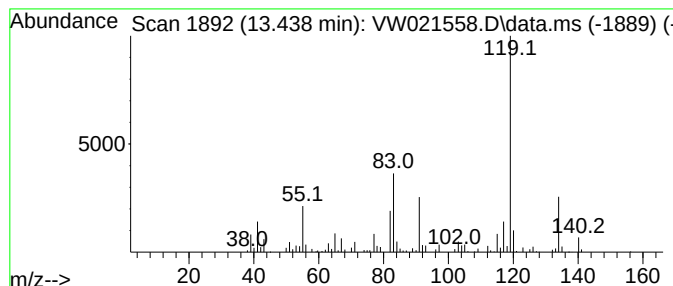
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Quant Title : SFAM01.0

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

Peak Number 10 p-Cymene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	6.25 ug/L	114593	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		p-Cymene	134	C10H14	000099-87-6	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	92
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
5		p-Cymene	134	C10H14	000099-87-6	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

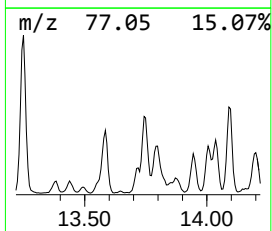
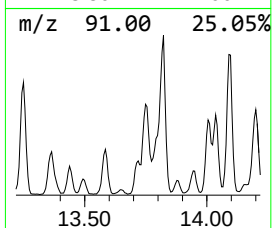
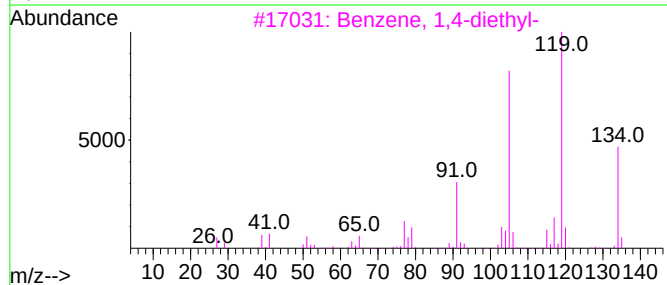
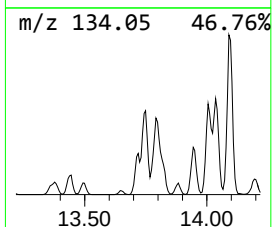
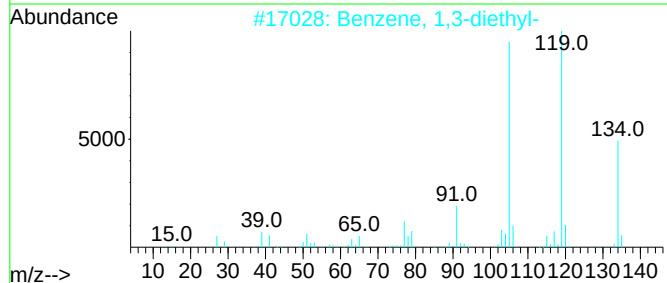
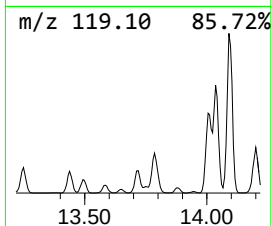
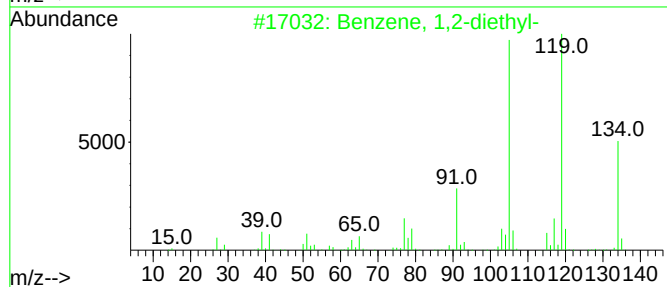
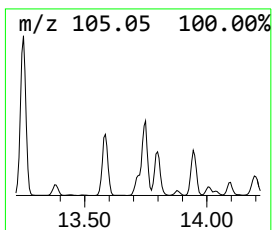
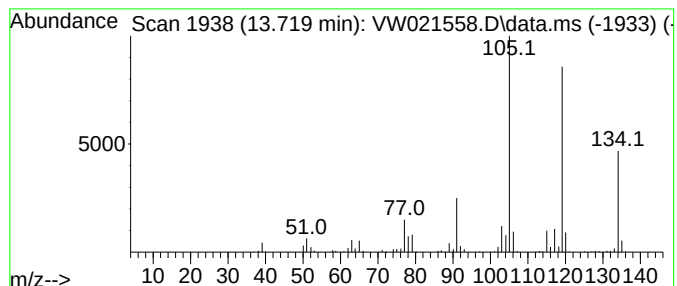
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	6.41 ug/L	117608	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, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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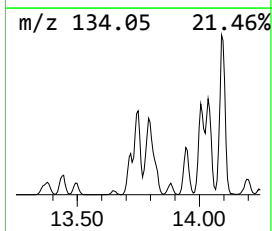
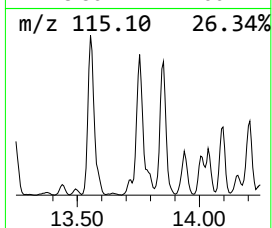
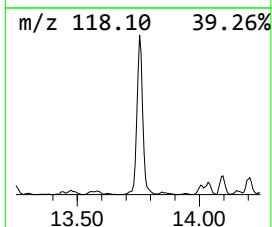
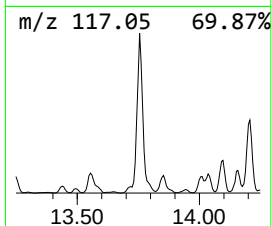
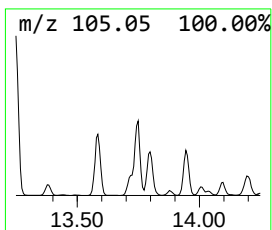
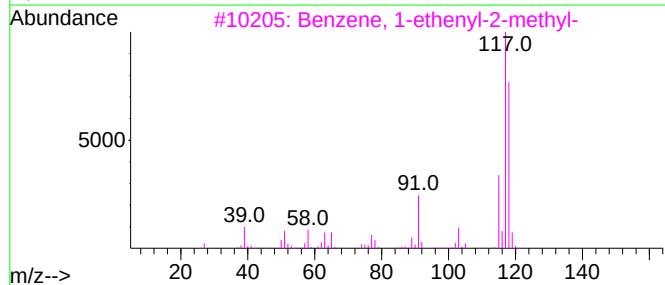
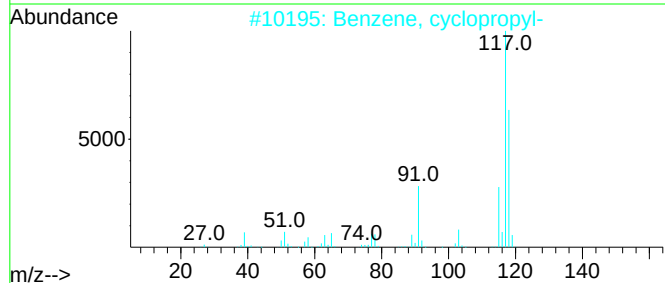
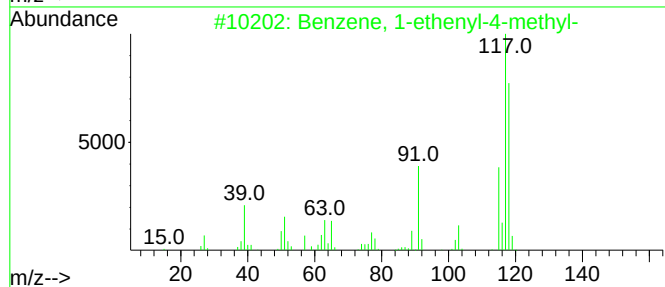
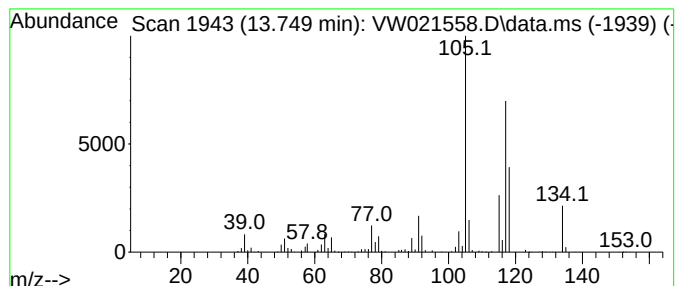
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-ethenyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	31.47 ug/L	577351	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53
4			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	49
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

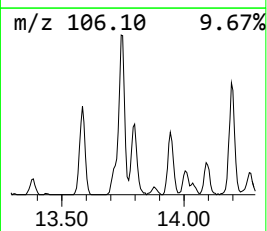
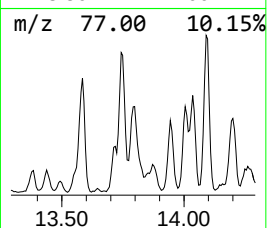
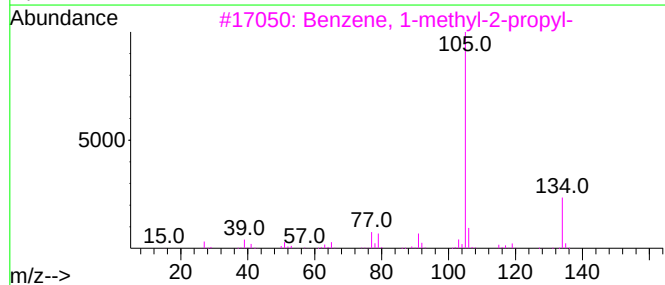
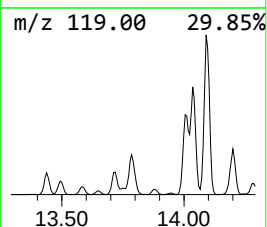
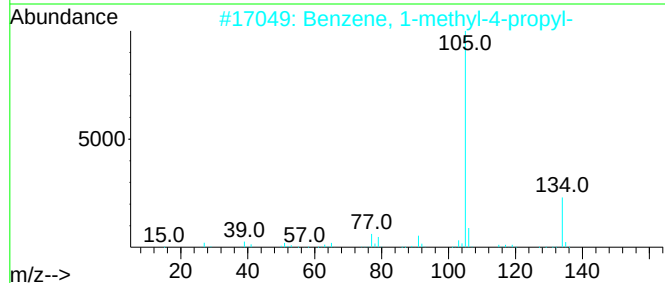
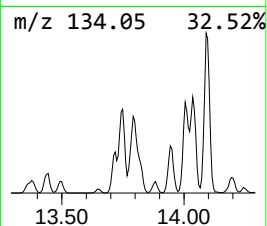
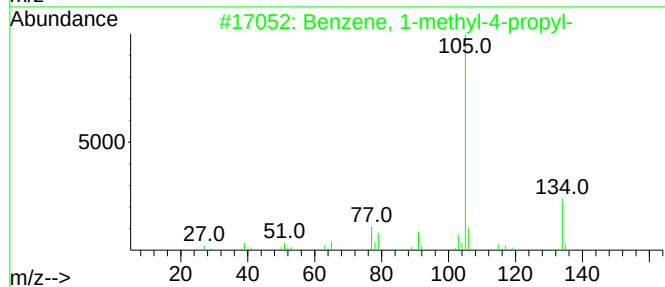
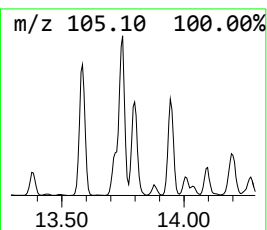
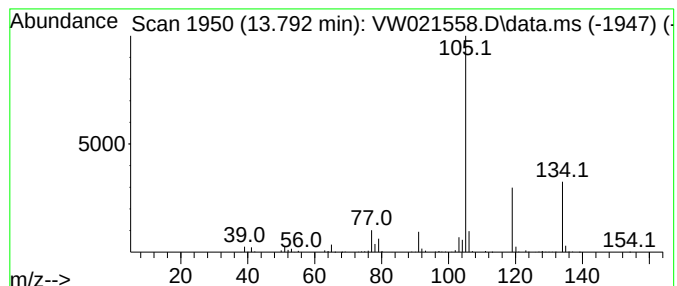
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	18.52 ug/L	339741	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	81
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

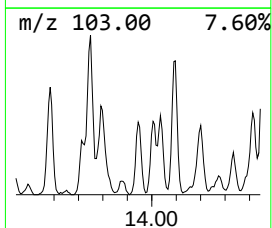
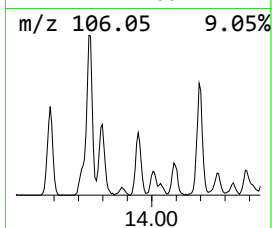
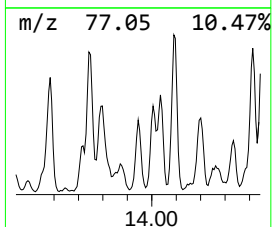
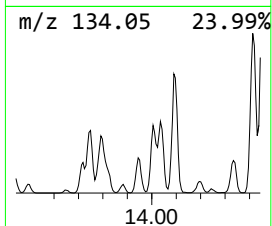
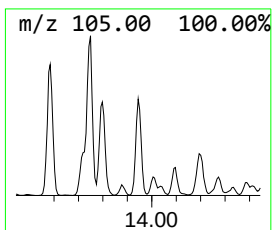
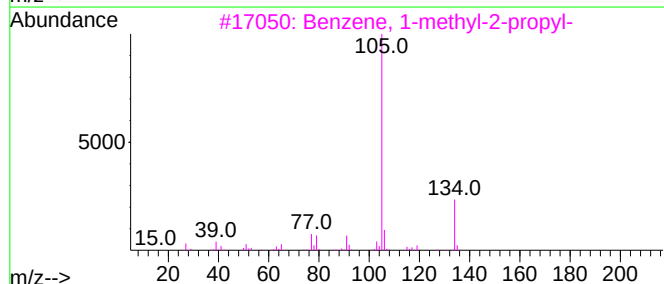
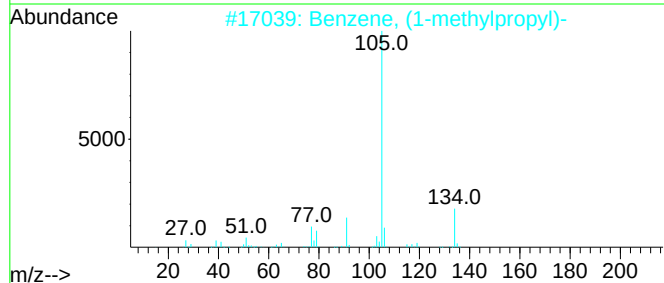
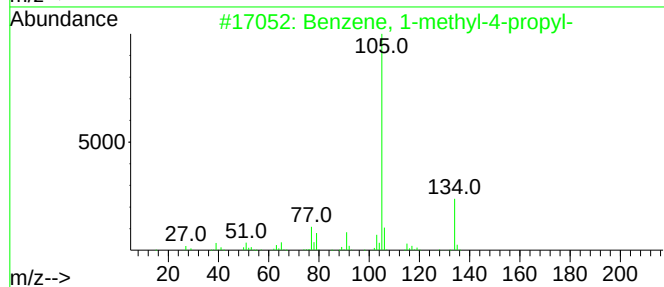
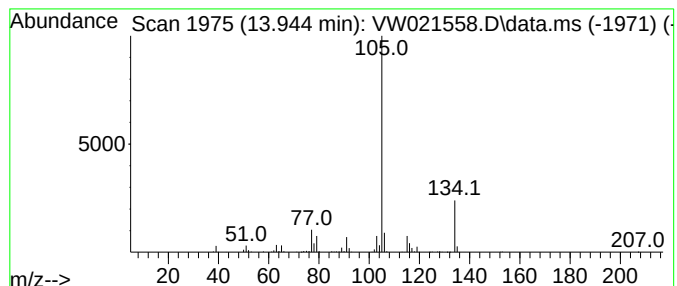
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, (1-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	9.76 ug/L	178973	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	93
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

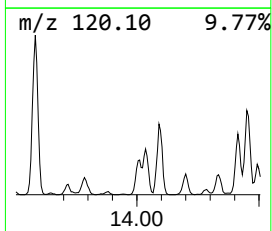
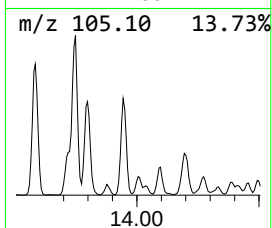
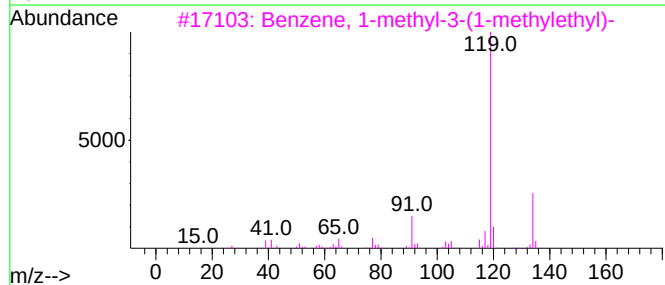
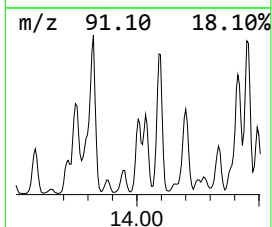
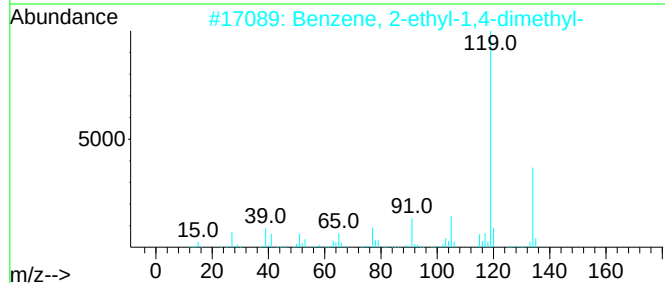
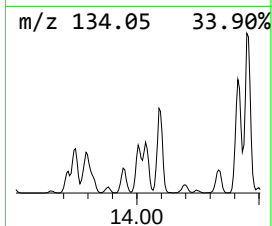
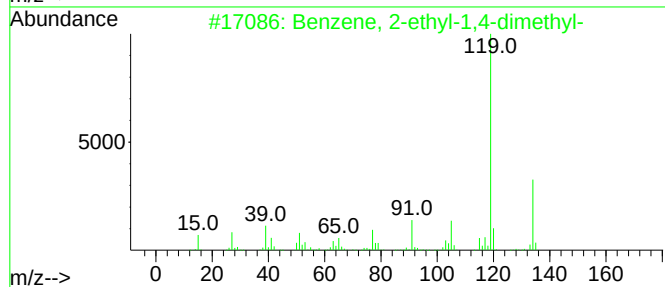
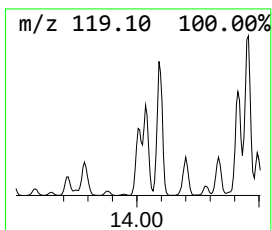
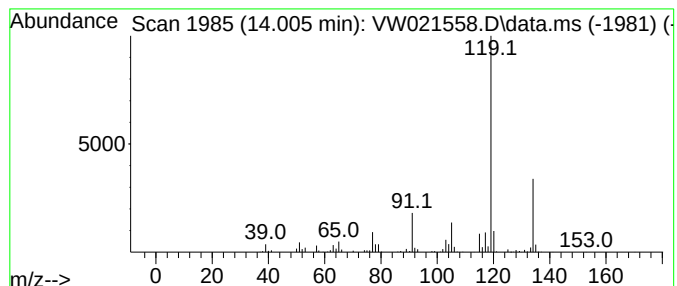
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	19.13 ug/L	350914	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	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

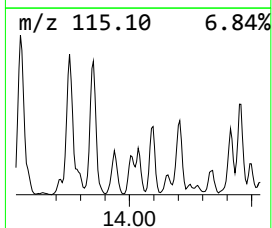
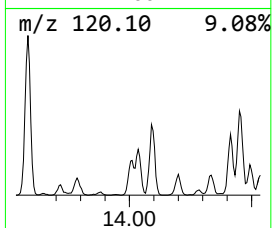
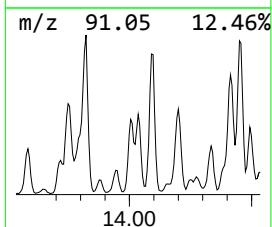
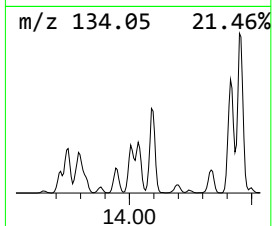
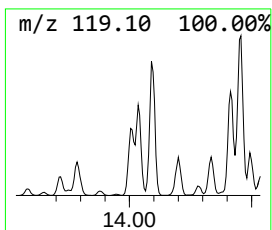
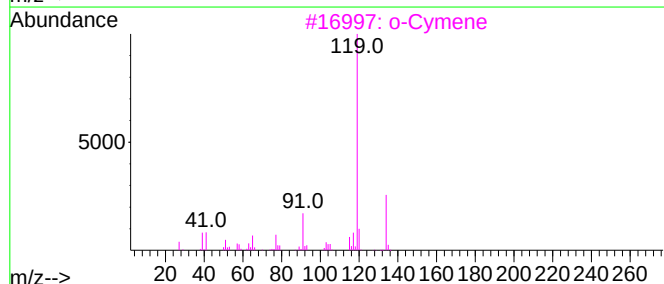
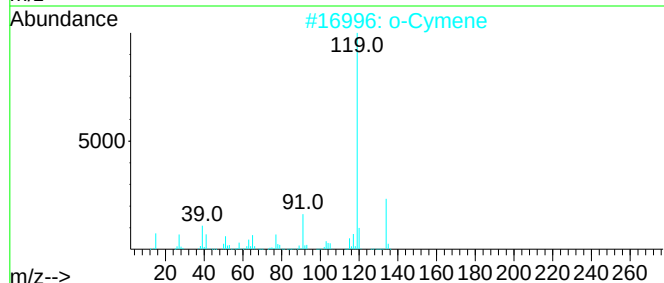
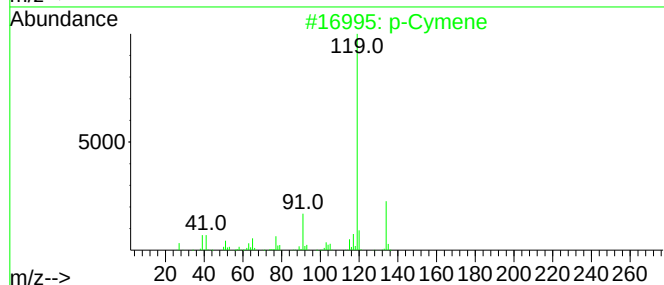
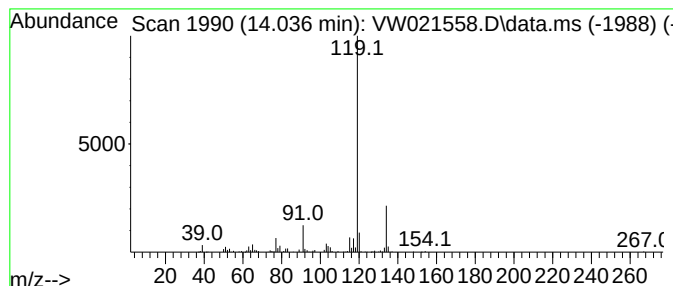
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Quant Title : SFAM01.0

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

Peak Number 16 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	17.23 ug/L	316042	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			o-Cymene	134	C10H14	000527-84-4	97
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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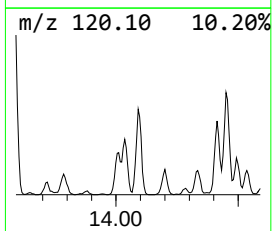
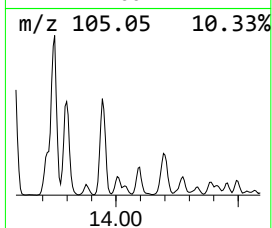
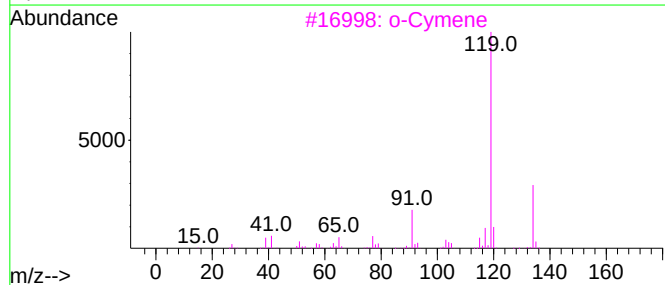
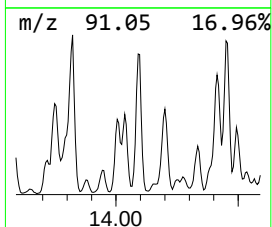
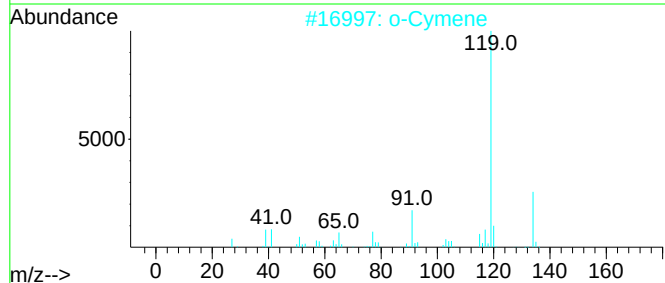
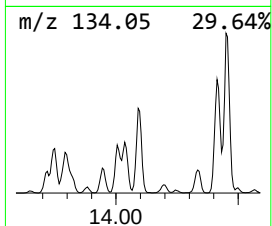
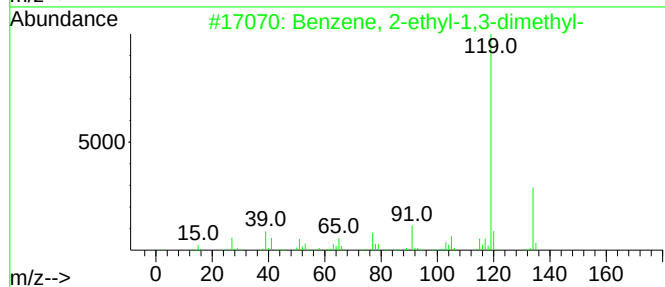
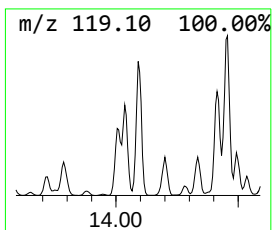
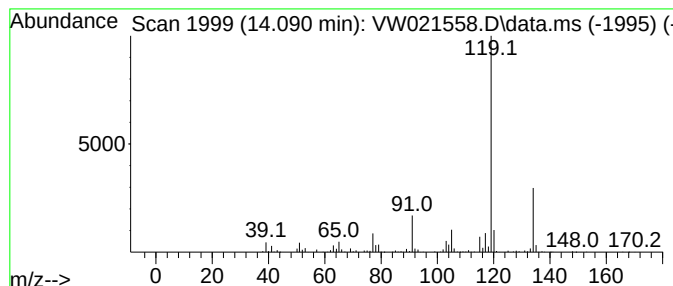
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.090	32.06 ug/L	588210	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2		o-Cymene	134	C10H14	000527-84-4	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

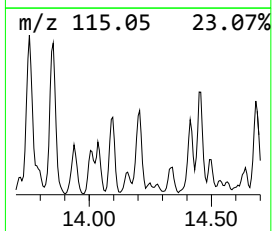
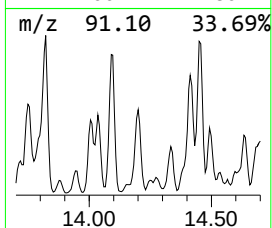
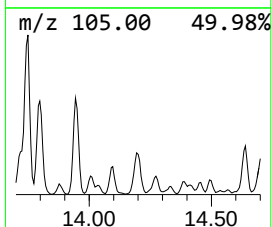
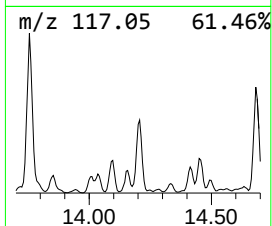
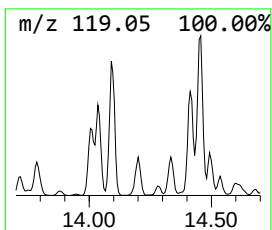
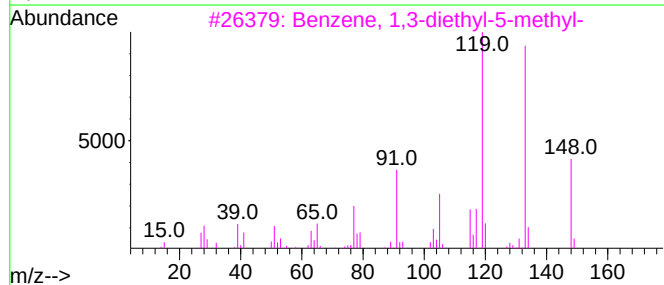
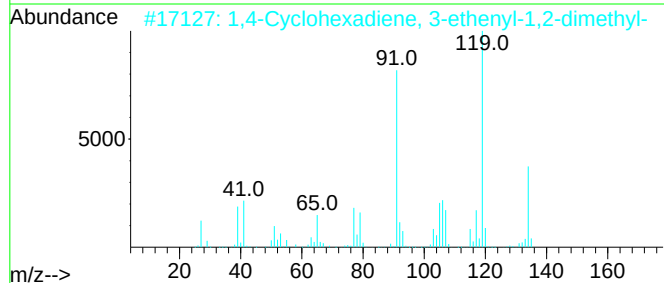
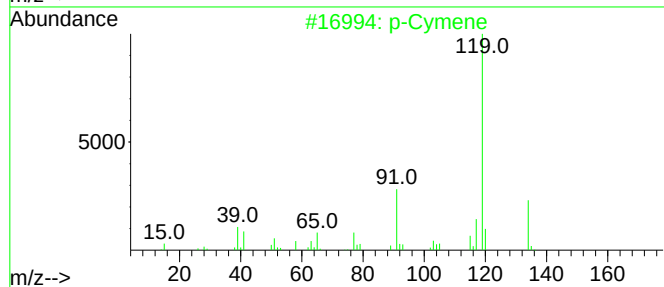
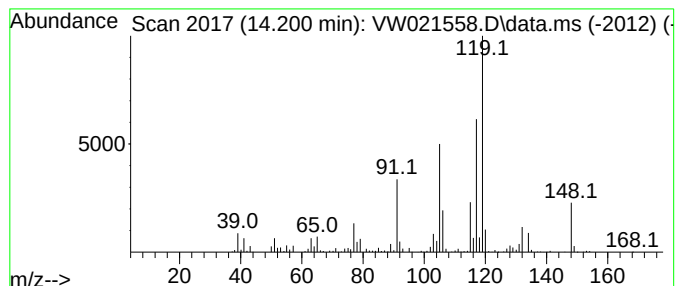
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	18.17 ug/L	333419	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	50
2			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	49
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	43
5			4'-Methylpropiophenone	148	C10H12O	005337-93-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

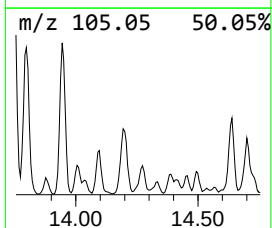
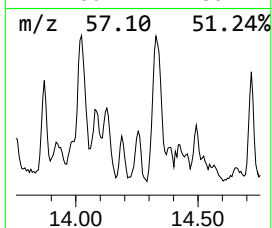
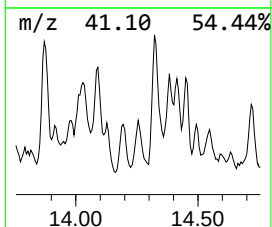
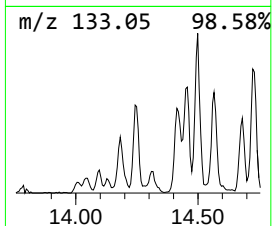
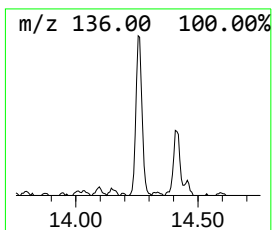
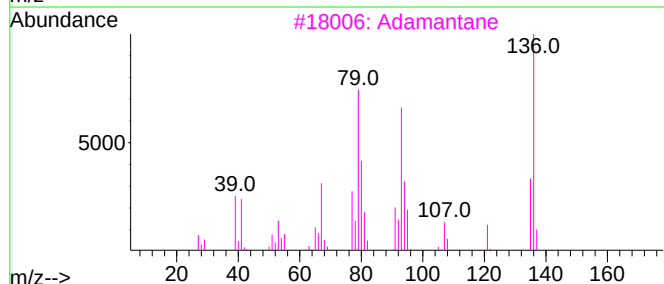
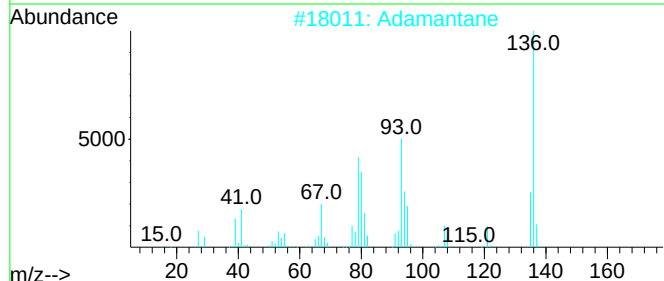
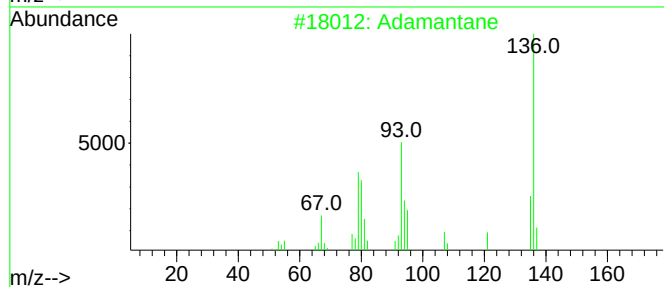
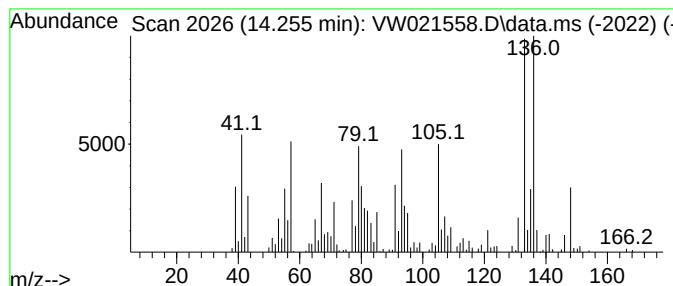
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Quant Title : SFAM01.0

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

Peak Number 19 Adamantane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	7.64 ug/L	140081	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	98
2	Adamantane			136	C10H16	000281-23-2	96
3	Adamantane			136	C10H16	000281-23-2	93
4	Adamantane			136	C10H16	000281-23-2	93
5	Adamantane			136	C10H16	000281-23-2	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

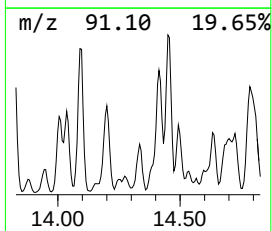
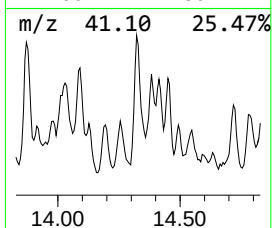
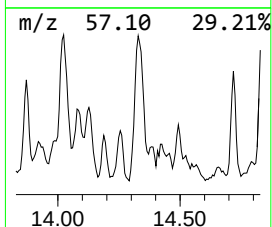
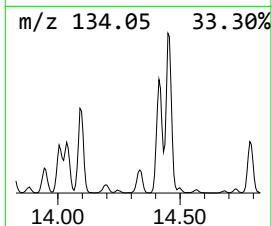
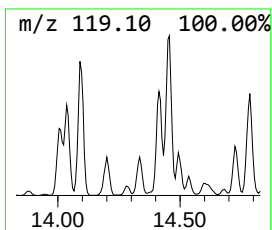
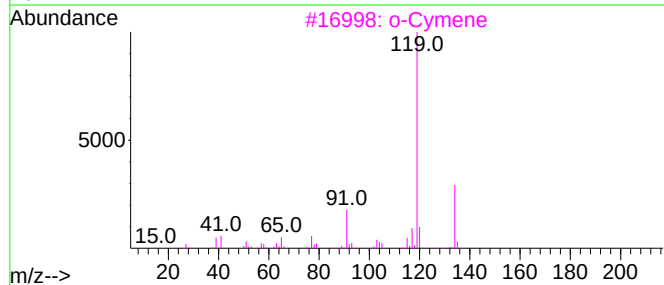
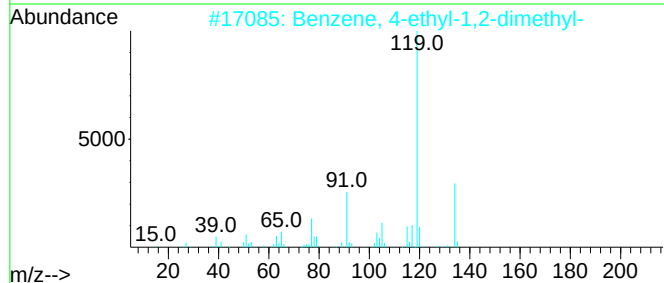
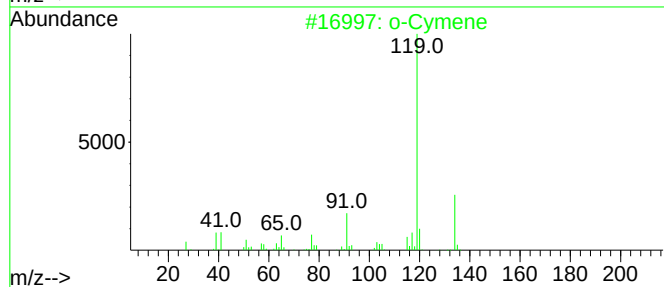
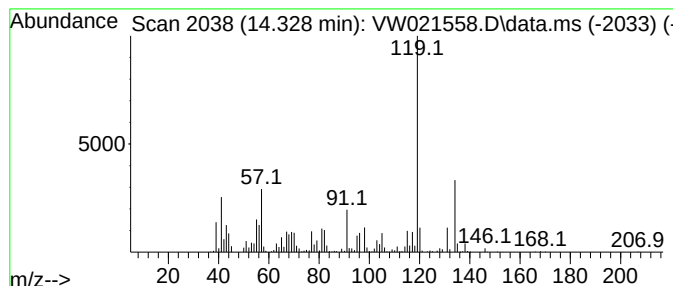
Instrument :
MSVOA_W
ClientSampleId :
BGL71

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.328	16.85 ug/L	309207	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	95
3	o-Cymene		134	C10H14	000527-84-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	93
5	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

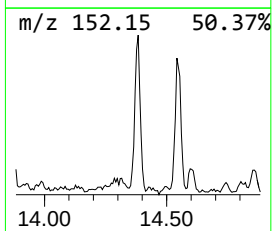
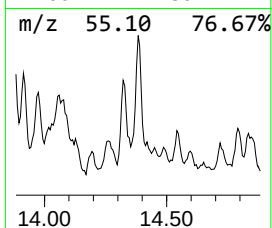
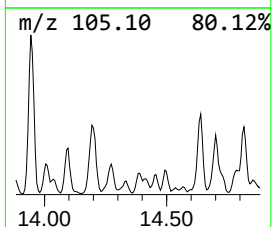
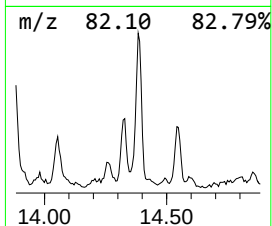
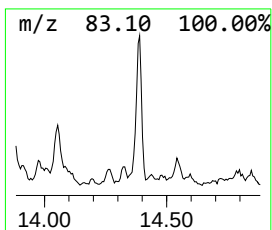
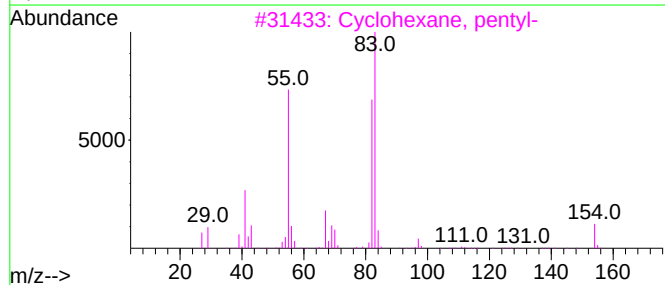
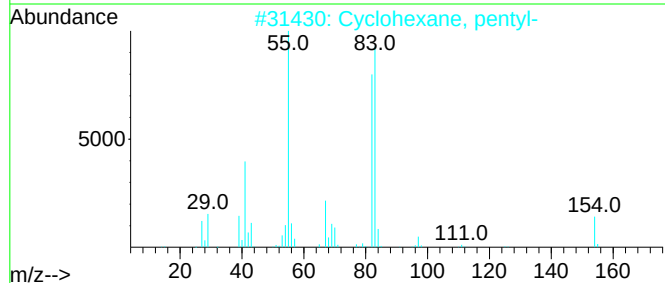
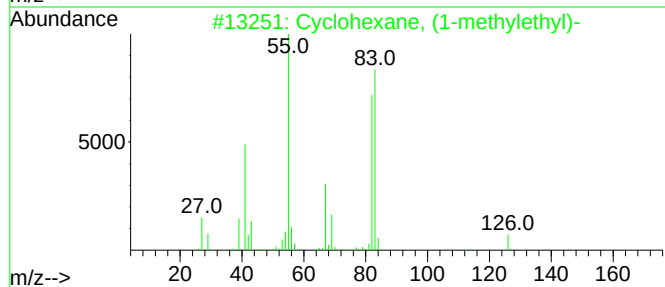
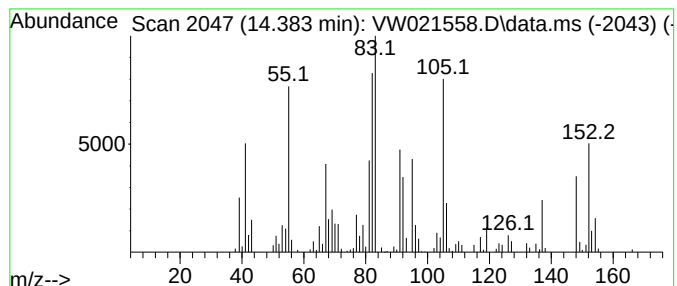
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic14.383 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.383	5.45 ug/L	100017	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-		126	C9H18	000696-29-7	46
2	Cyclohexane, pentyl-		154	C11H22	004292-92-6	43
3	Cyclohexane, pentyl-		154	C11H22	004292-92-6	41
4	Cyclohexane, pentyl-		154	C11H22	004292-92-6	38
5	Cyclohexane, 1,1'-(1,4-butanedi...		222	C16H30	006165-44-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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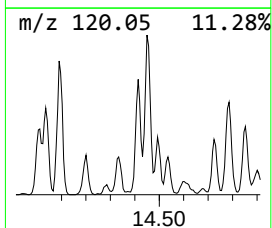
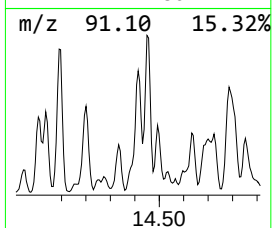
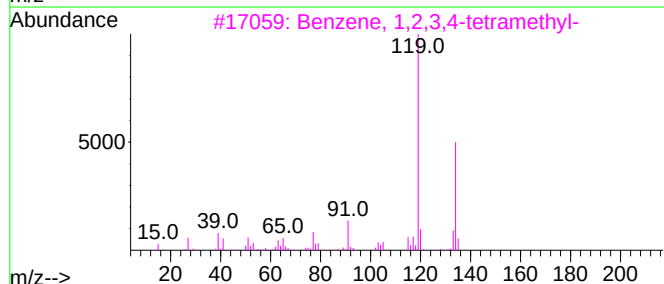
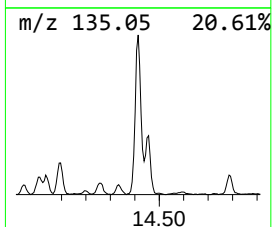
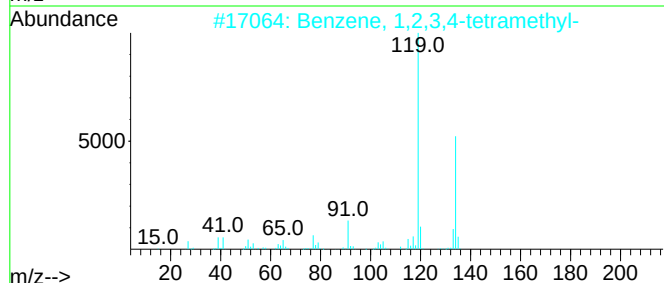
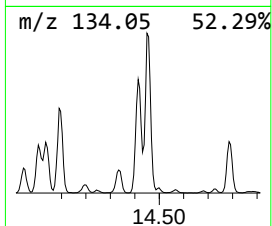
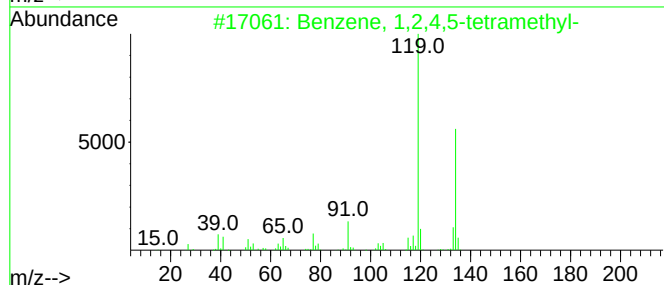
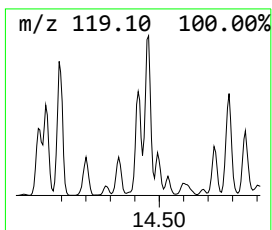
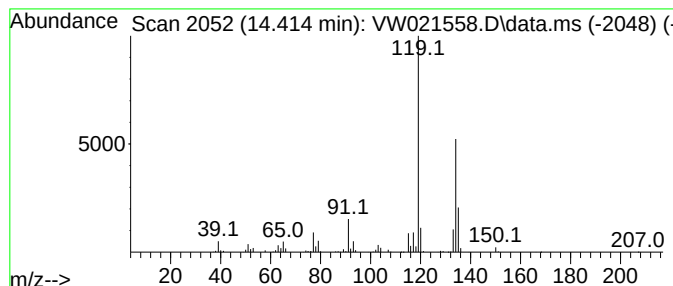
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	29.11 ug/L	534078	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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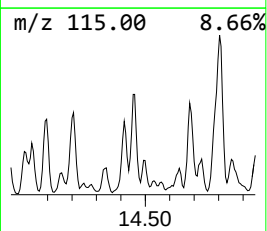
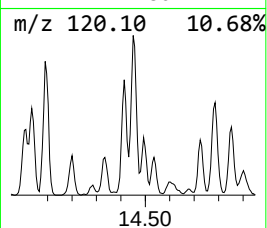
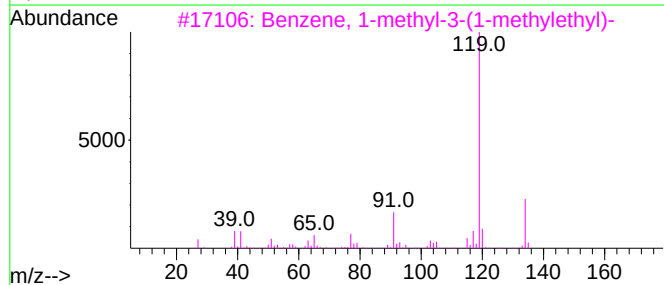
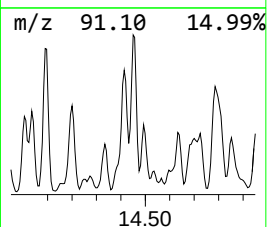
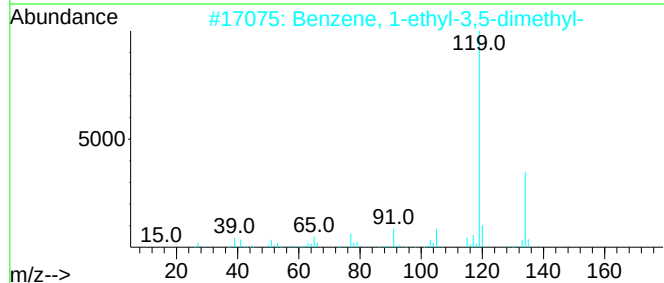
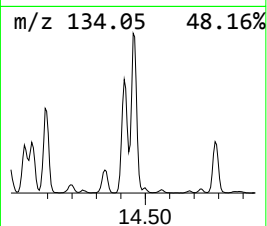
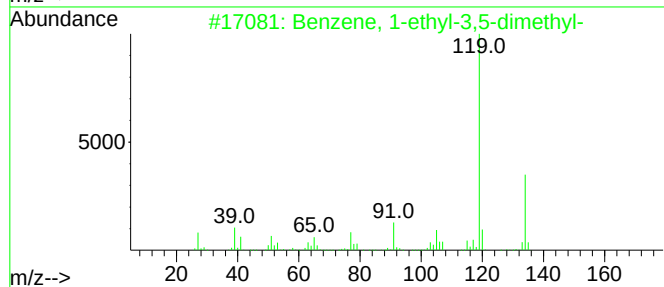
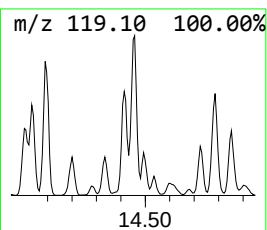
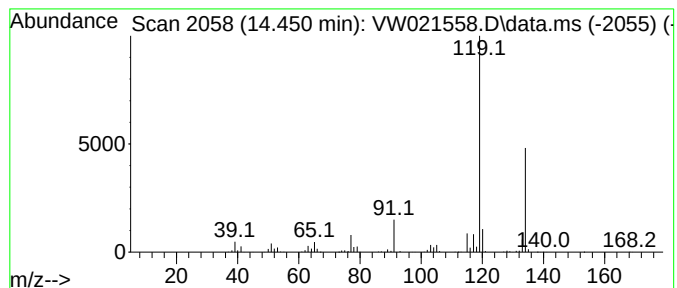
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	34.03 ug/L	624325	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	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

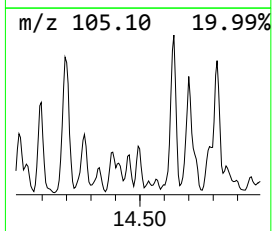
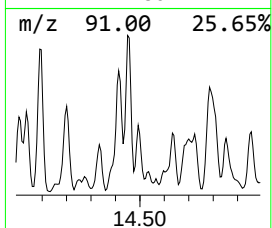
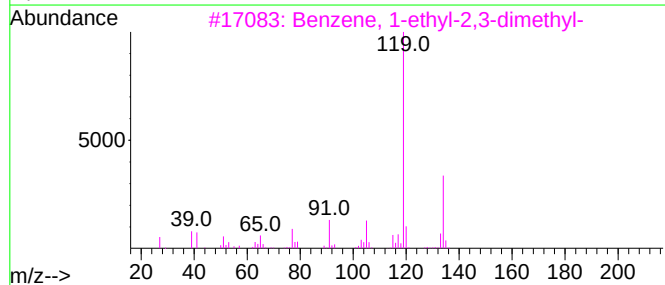
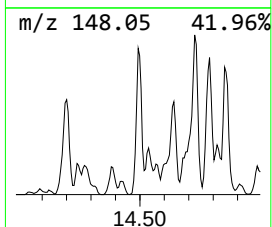
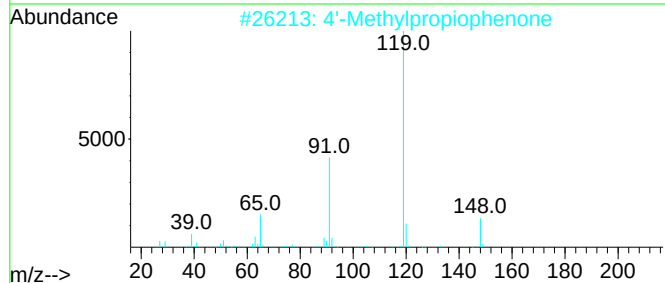
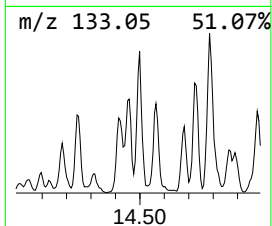
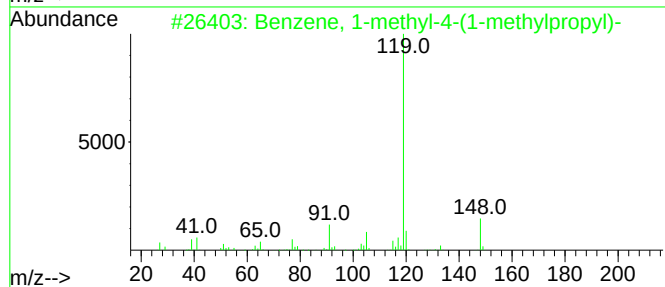
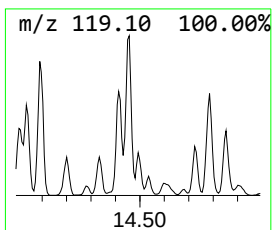
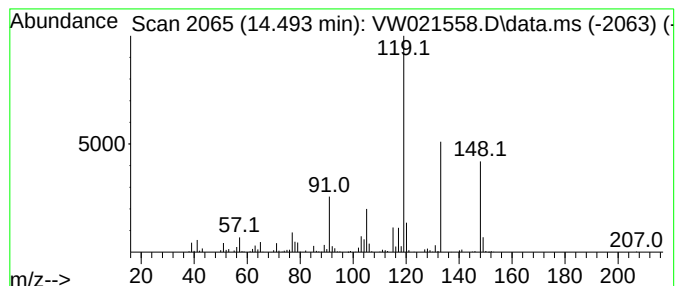
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1-methyl-4-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.493	8.34 ug/L	153058	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	70
2	4'-Methylpropiophenone		148	C10H12O	005337-93-9	60
3	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	47
4	Benzene, pentamethyl-		148	C11H16	000700-12-9	46
5	o-Cymene		134	C10H14	000527-84-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

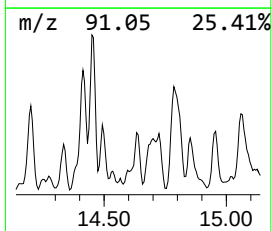
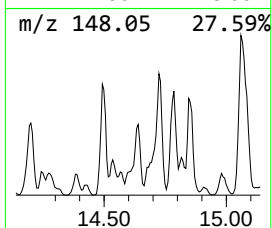
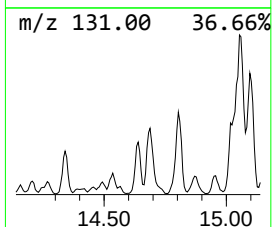
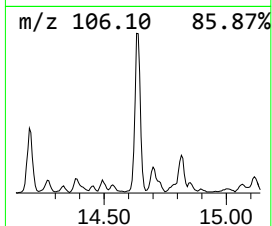
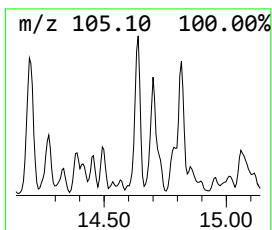
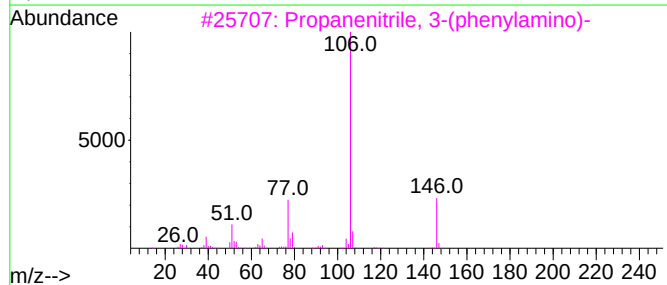
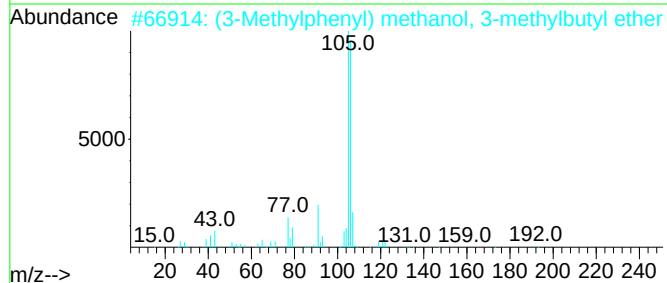
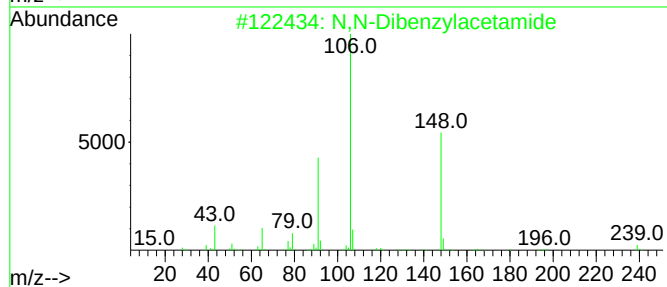
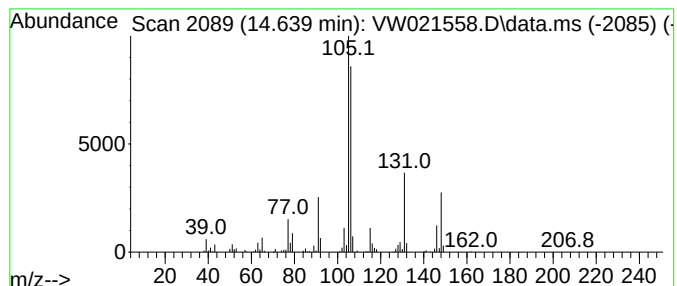
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Quant Title : SFAM01.0

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

Peak Number 25 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	8.05 ug/L	147658	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N,N-Dibenzylacetamide	239	C16H17NO	010479-30-8	43
2			(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	38
3			Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38
4			(3-Methylphenyl) methanol, n-pen...	192	C13H20O	1000374-44-0	38
5			2-Methylindan-2-ol	148	C10H12O	033223-84-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

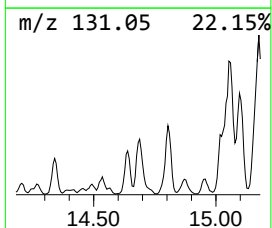
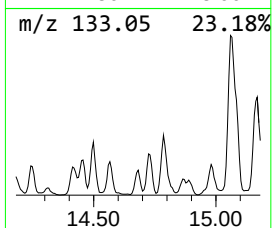
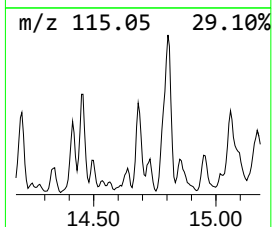
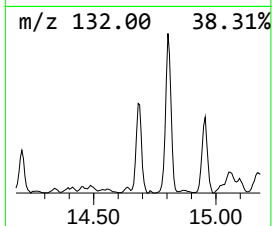
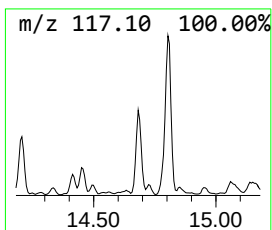
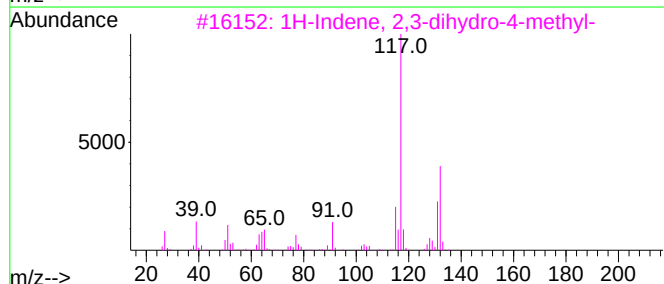
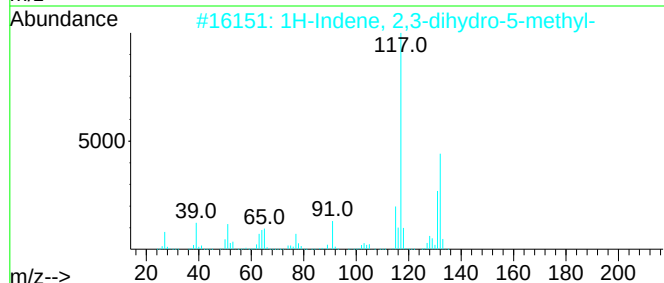
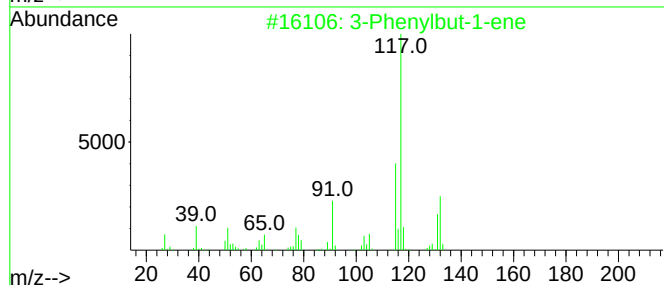
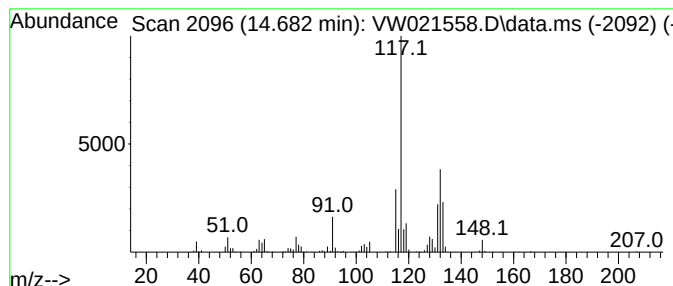
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 26 3-Phenylbut-1-ene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.682	14.45 ug/L	265020	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	87
2	1H-Indene, 2,3-dihydro-5-methyl-		132	C10H12	000874-35-1	81
3	1H-Indene, 2,3-dihydro-4-methyl-		132	C10H12	000824-22-6	81
4	Benzene, 1-ethenyl-4-ethyl-		132	C10H12	003454-07-7	76
5	Benzene, (1-methyl-1-propenyl)-,...		132	C10H12	000768-00-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

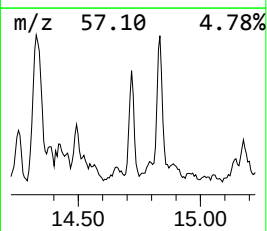
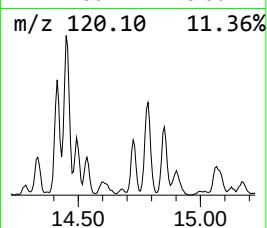
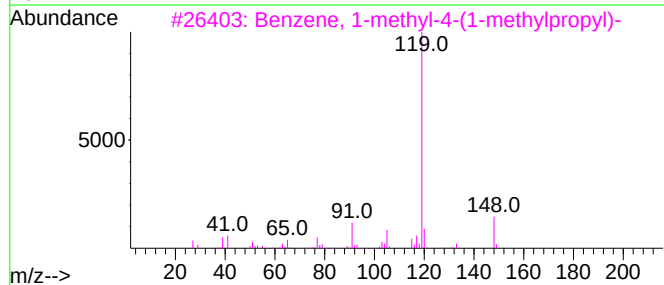
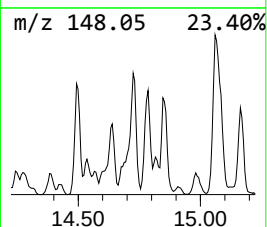
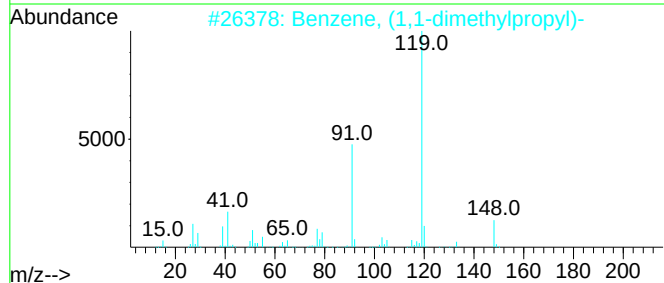
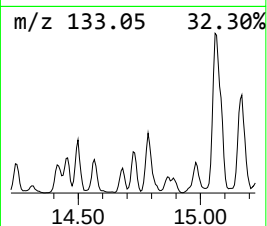
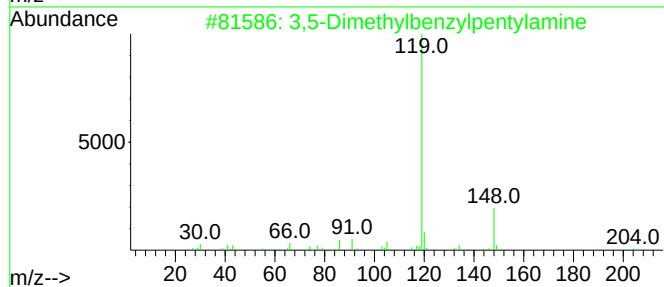
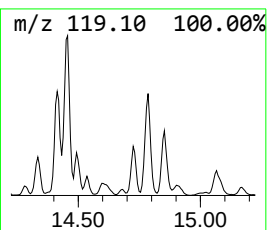
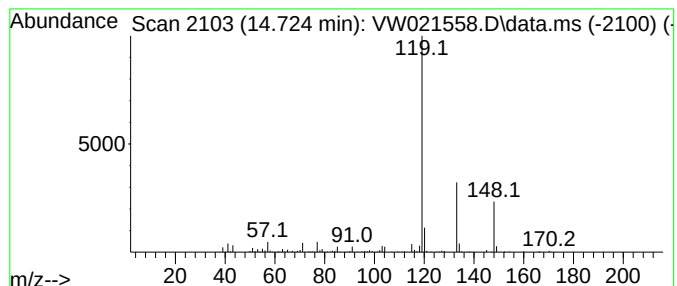
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Quant Title : SFAM01.0

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

Peak Number 27 3,5-Dimethylbenzylpentylamine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.724	14.29 ug/L	262150	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	64
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
4		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	59
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

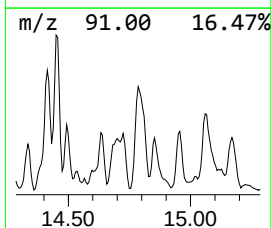
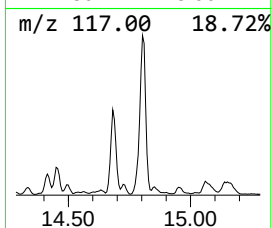
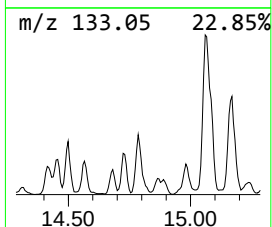
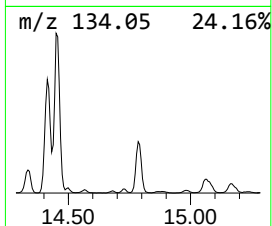
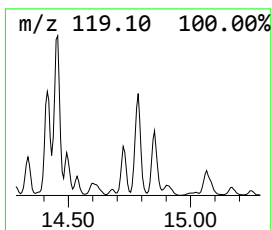
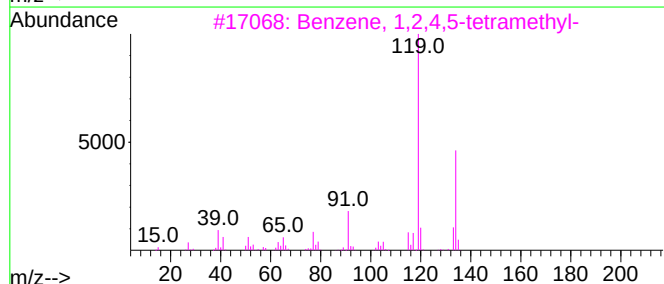
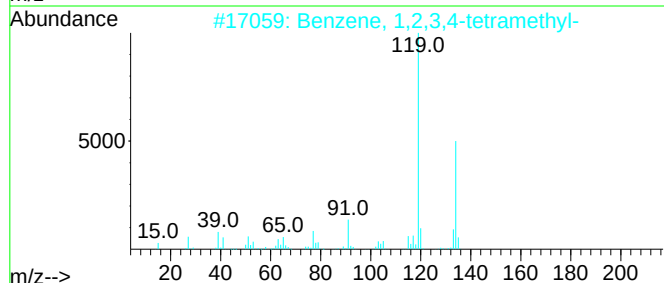
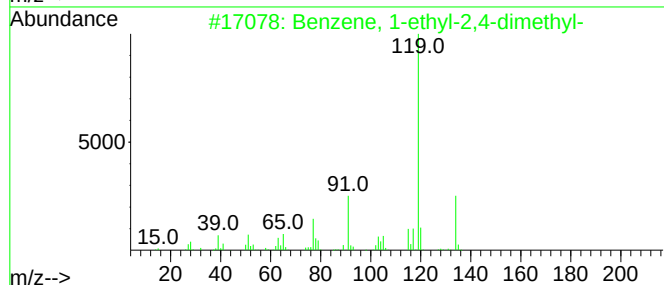
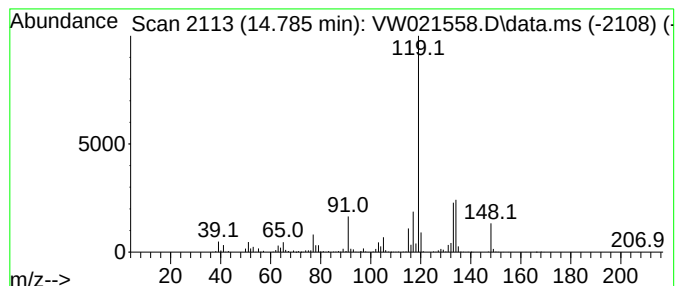
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Quant Title : SFAM01.0

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

Peak Number 28 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.785	51.58 ug/L	946297	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			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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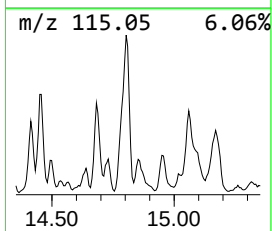
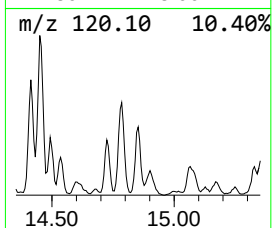
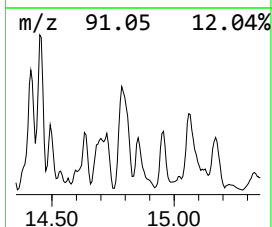
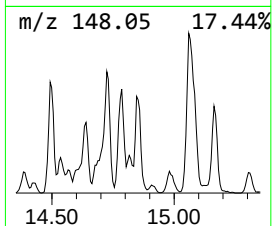
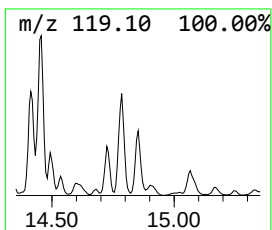
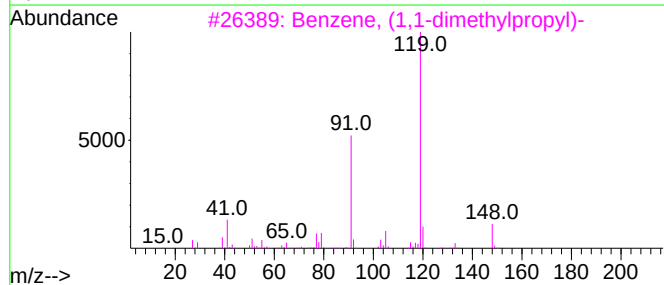
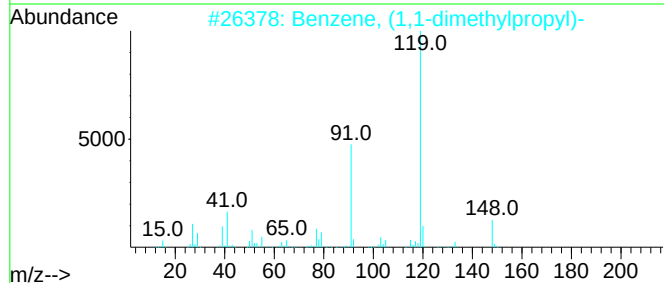
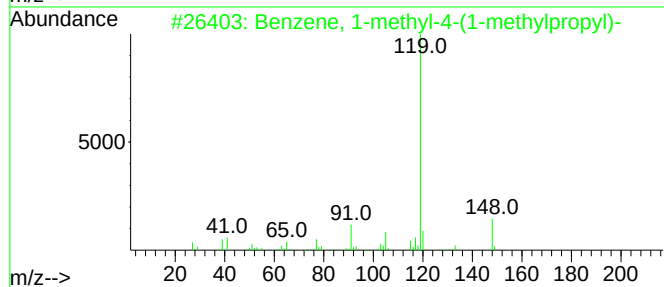
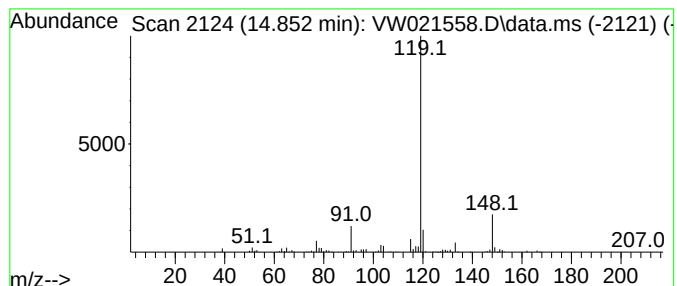
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Quant Title : SFAM01.0

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

Peak Number 29 Benzene, (1,1-dimethylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.852	11.88 ug/L	217994	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	87
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4			3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	72
5			1,2-Benzenediol, o-(3-cyclopenty...	352	C22H24O4	1000325-95-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

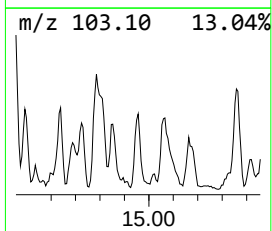
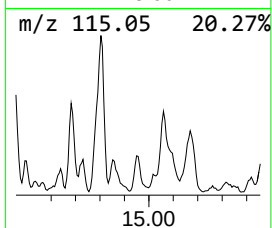
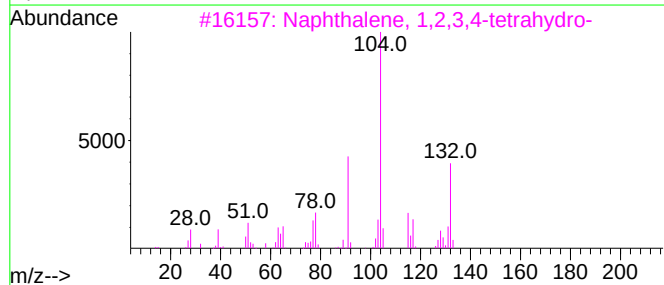
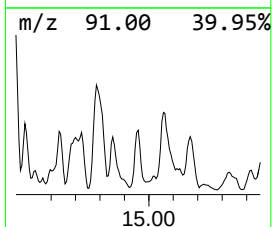
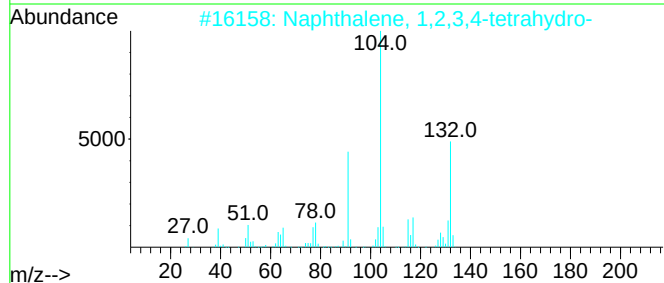
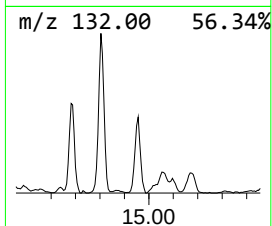
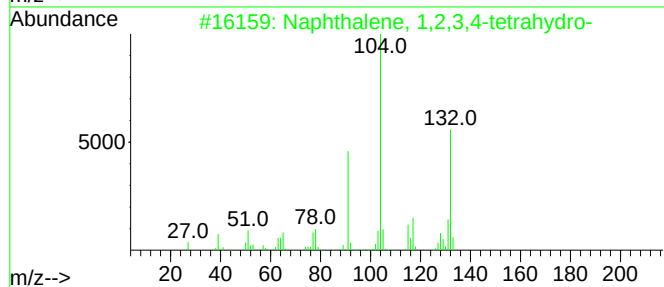
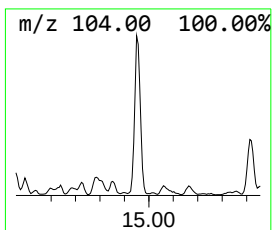
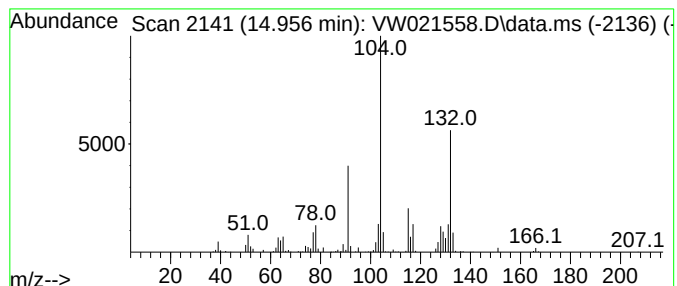
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Quant Title : SFAM01.0

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

Peak Number 30 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	8.88 ug/L	162906	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

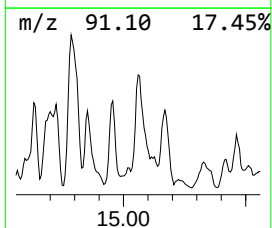
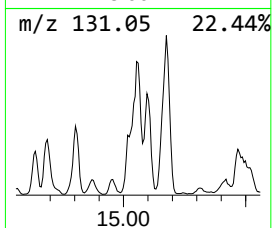
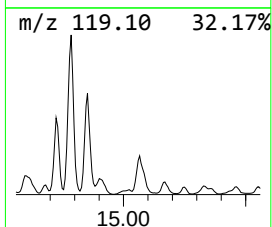
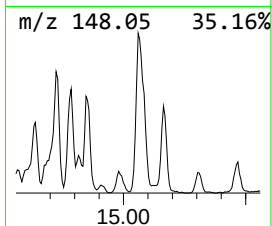
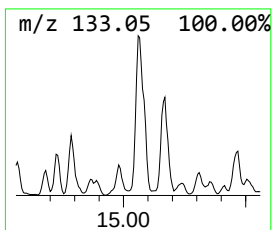
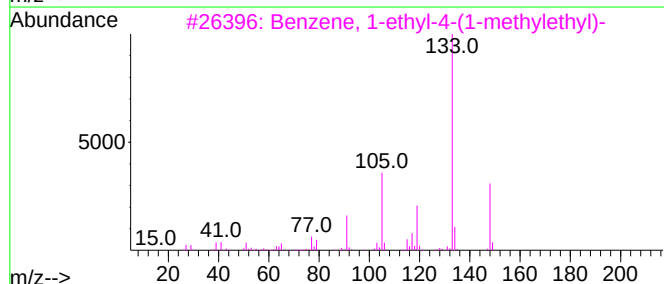
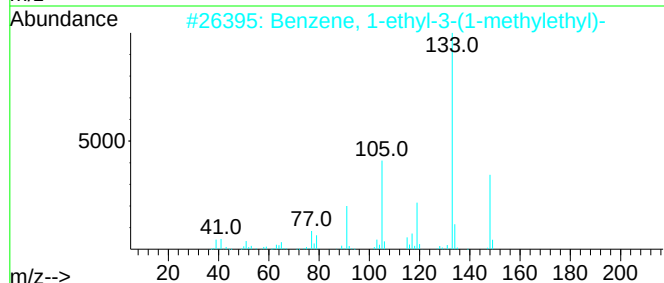
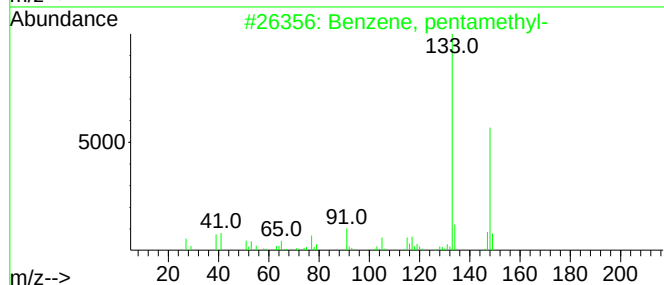
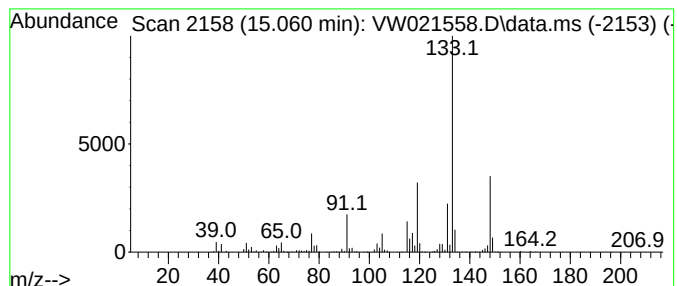
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Quant Title : SFAM01.0

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

Peak Number 31 Benzene, pentamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	27.25 ug/L	499981	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	74
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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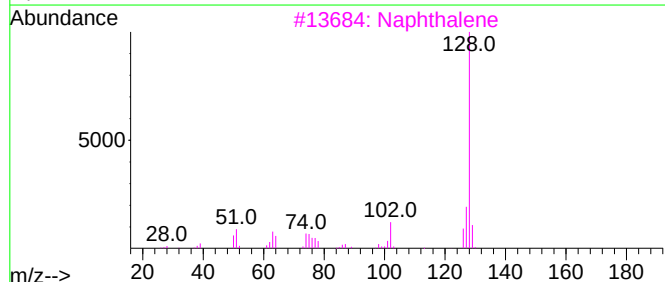
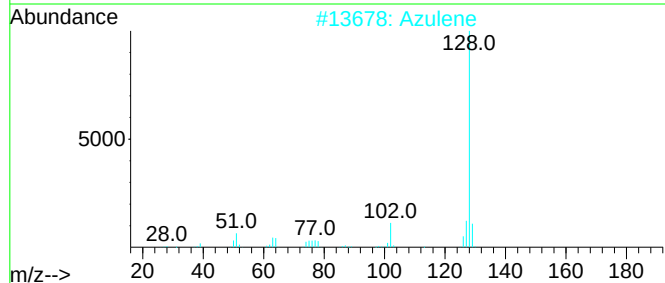
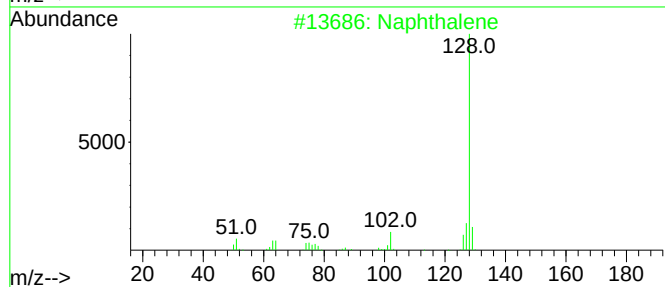
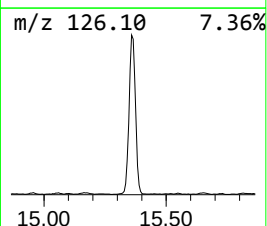
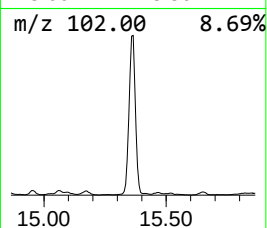
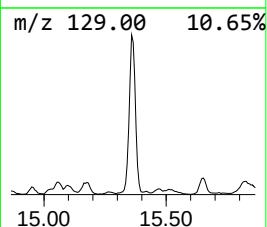
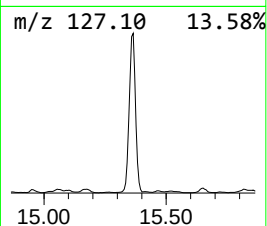
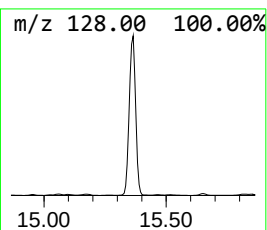
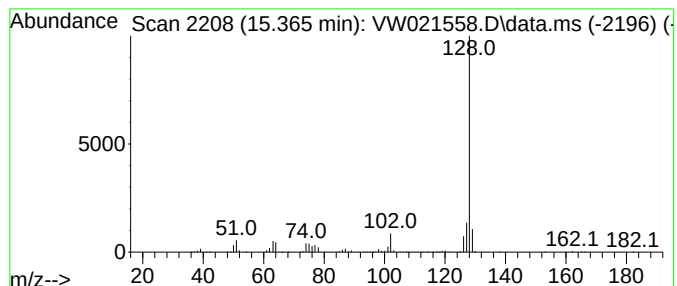
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Quant Title : SFAM01.0

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

Peak Number 32 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	103.30 ug/L	1894990	1,4-Dichlorobenzene-d4	13.560

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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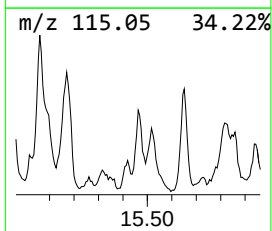
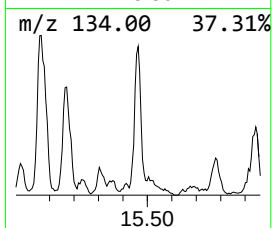
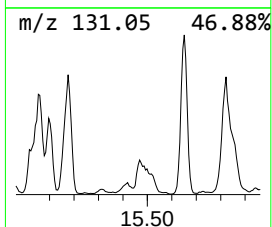
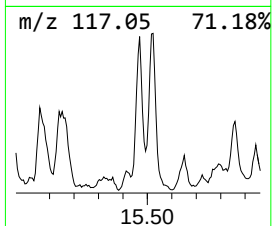
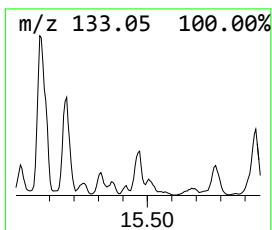
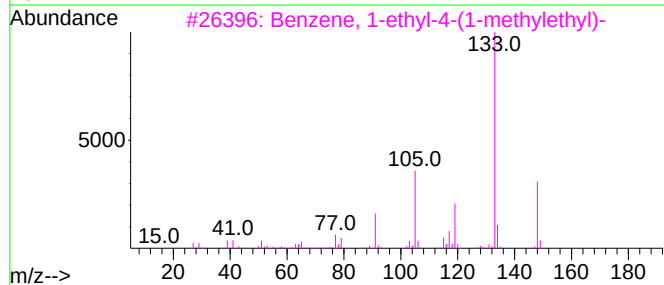
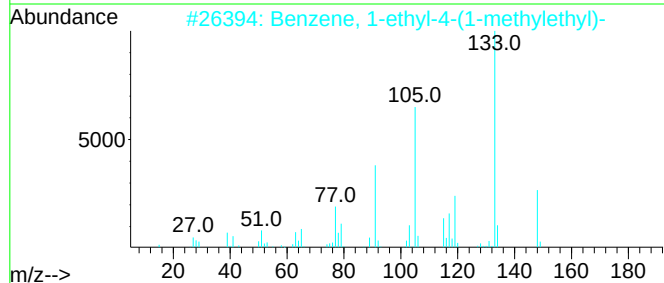
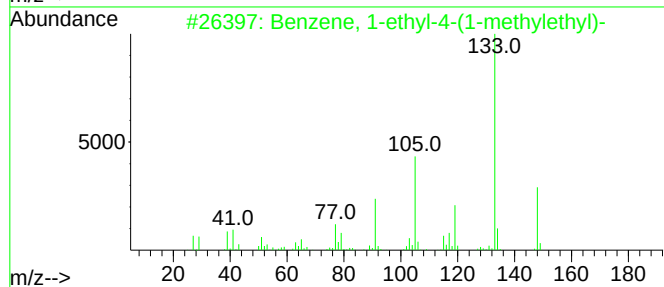
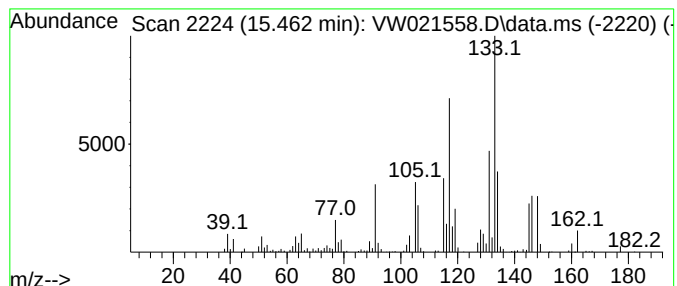
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Quant Title : SFAM01.0

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

Peak Number 33 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	8.87 ug/L	162701	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38
5			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

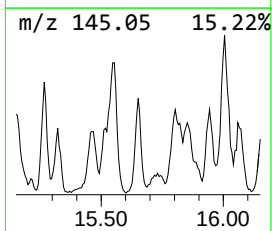
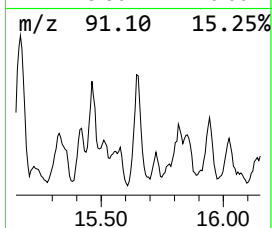
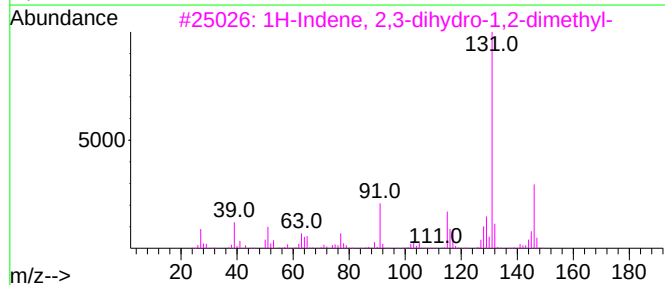
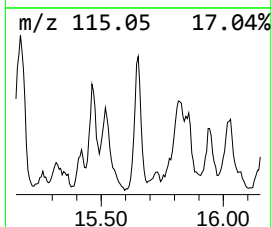
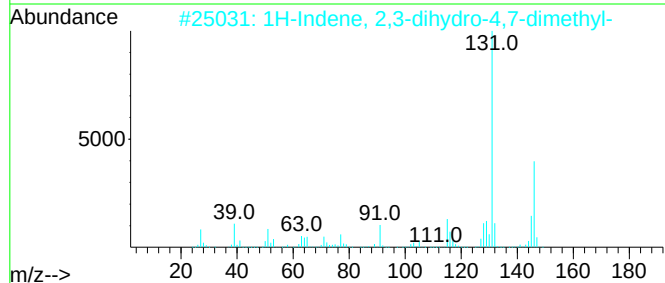
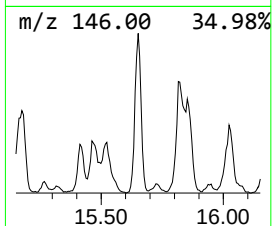
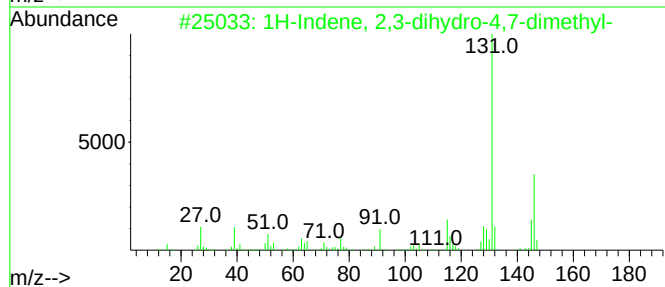
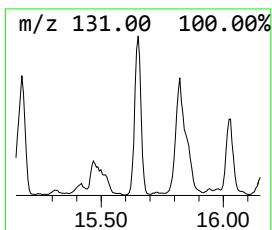
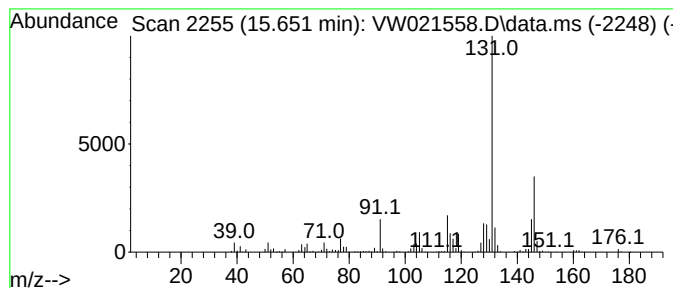
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Quant Title : SFAM01.0

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

Peak Number 34 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	17.72 ug/L	325009	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	95		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94		
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94		
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	94		
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL71

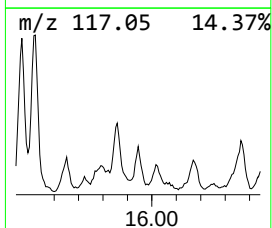
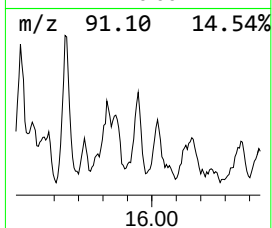
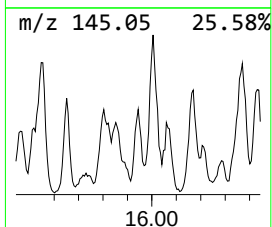
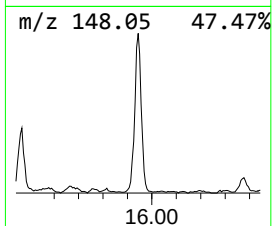
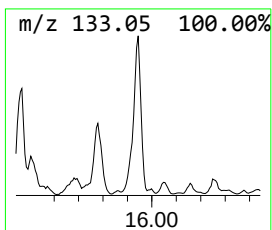
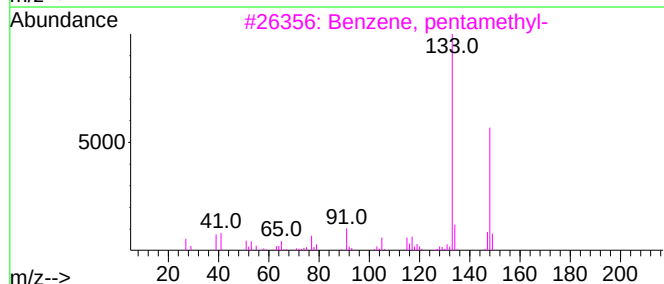
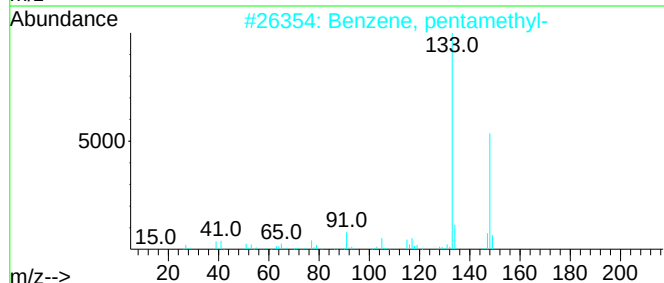
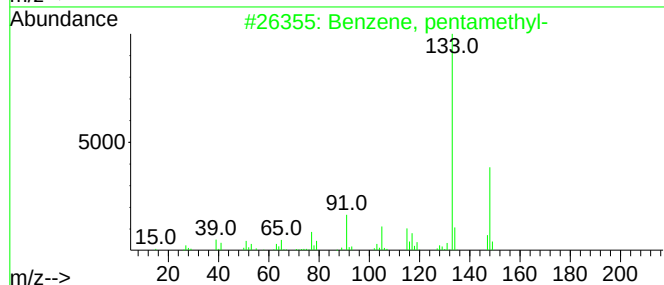
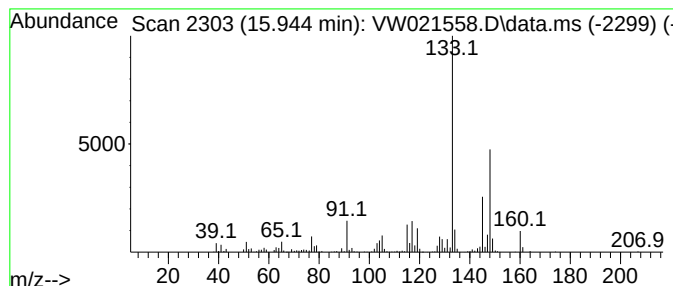
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Quant Title : SFAM01.0

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

Peak Number 35 3,4-Dimethylcumene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	8.17 ug/L	149908	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	68
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021558.D
Acq On : 22 Dec 2021 13:13
Operator : SY/VA
Sample : M5153-06
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

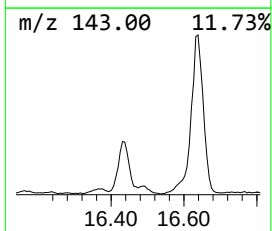
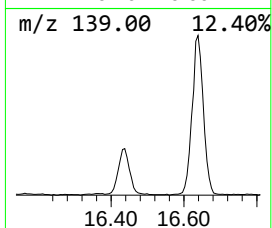
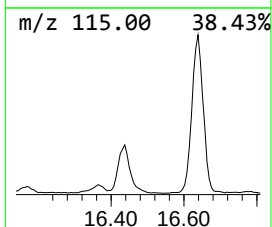
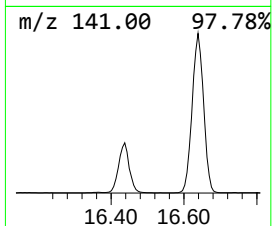
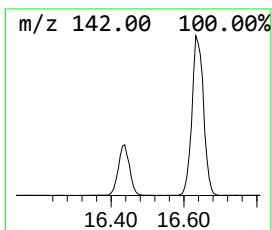
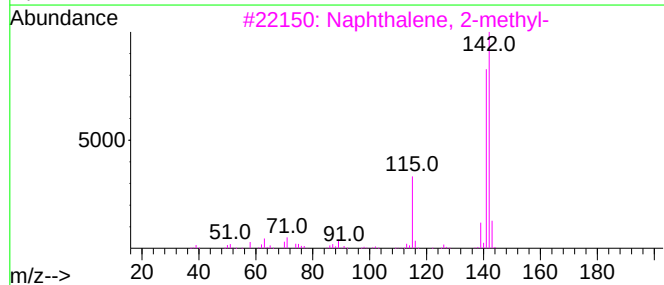
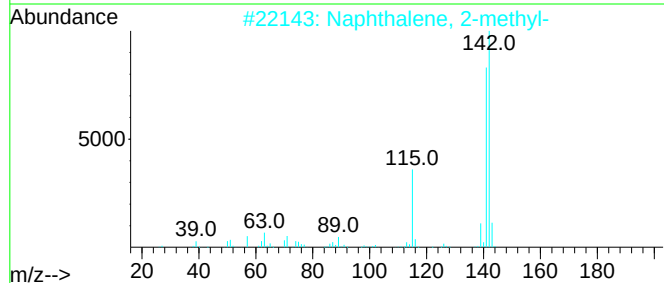
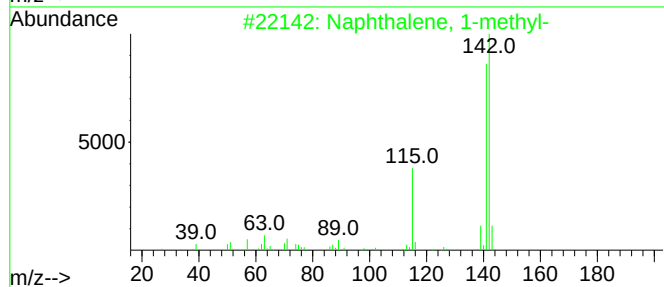
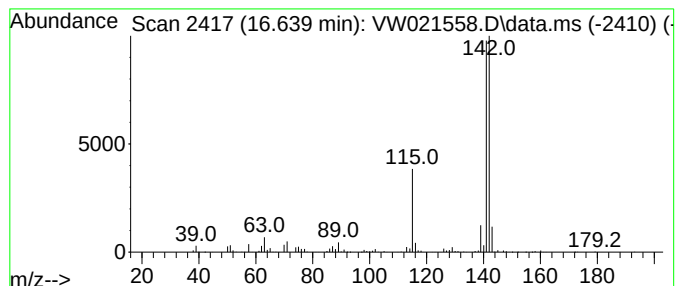
Instrument :
MSVOA_W
ClientSampleId :
BGL71

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 37 1H-Indene, 1-ethylidene- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.639	70.63 ug/L	1295640	1,4-Dichlorobenzene-d4			13.560
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	1H-Indene, 1-ethylidene-		142	C11H10	002471-83-2	94
5	Naphthalene, 1-methyl-		142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021558.D
 Acq On : 22 Dec 2021 13:13
 Operator : SY/VA
 Sample : M5153-06
 Misc : 4.70g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL71

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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
1,5-Cyclooctadiene	12.560	2.7	ug/L	103843	2	11.634	969114	25.0
Benzene, propyl-	12.798	5.9	ug/L	107449	3	13.560	458630	25.0
Benzene, 1-ethy...	12.865	4.5	ug/L	83120	3	13.560	458630	25.0
Benzene, 1-ethy...	13.103	14.0	ug/L	256669	3	13.560	458630	25.0
(DEL) Alkane: S...	13.164	3.3	ug/L	60658	3	13.560	458630	25.0
(DEL) Alkane: S...	13.341	1.3	ug/L	24531	3	13.560	458630	25.0
p-Cymene	13.438	6.3	ug/L	114593	3	13.560	458630	25.0
Benzene, 1,2-di...	13.719	6.4	ug/L	117608	3	13.560	458630	25.0
Benzene, 1-ethe...	13.749	31.5	ug/L	577351	3	13.560	458630	25.0
Benzene, 1-meth...	13.792	18.5	ug/L	339741	3	13.560	458630	25.0
Benzene, (1-met...	13.944	9.8	ug/L	178973	3	13.560	458630	25.0
Benzene, 2-ethy...	14.005	19.1	ug/L	350914	3	13.560	458630	25.0
o-Cymene	14.036	17.2	ug/L	316042	3	13.560	458630	25.0
Benzene, 2-ethy...	14.090	32.1	ug/L	588210	3	13.560	458630	25.0
unknown-01	14.200	18.2	ug/L	333419	3	13.560	458630	25.0
Adamantane	14.255	7.6	ug/L	140081	3	13.560	458630	25.0
Benzene, 4-ethy...	14.328	16.9	ug/L	309207	3	13.560	458630	25.0
(DEL) Alkane: C...	14.383	5.5	ug/L	100017	3	13.560	458630	25.0
Benzene, 1,2,4,...	14.414	29.1	ug/L	534078	3	13.560	458630	25.0
Benzene, 1-ethy...	14.450	34.0	ug/L	624325	3	13.560	458630	25.0
Benzene, 1-meth...	14.493	8.3	ug/L	153058	3	13.560	458630	25.0
unknown-02	14.639	8.1	ug/L	147658	3	13.560	458630	25.0
3-Phenylbut-1-ene	14.682	14.4	ug/L	265020	3	13.560	458630	25.0
3,5-Dimethylben...	14.724	14.3	ug/L	262150	3	13.560	458630	25.0
Benzene, 1-ethy...	14.785	51.6	ug/L	946297	3	13.560	458630	25.0
Benzene, (1,1-d...	14.852	11.9	ug/L	217994	3	13.560	458630	25.0
Naphthalene, 1,...	14.956	8.9	ug/L	162906	3	13.560	458630	25.0
Benzene, pentam...	15.060	27.3	ug/L	499981	3	13.560	458630	25.0
Azulene	15.365	103.3	ug/L	1894990	3	13.560	458630	25.0
unknown-03	15.462	8.9	ug/L	162701	3	13.560	458630	25.0
1H-Indene, 2,3-...	15.651	17.7	ug/L	325009	3	13.560	458630	25.0
3,4-Dimethylcumene	15.944	8.2	ug/L	149908	3	13.560	458630	25.0
1H-Indene, 1-et...	16.639	70.6	ug/L	1295640	3	13.560	458630	25.0