

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023295.D
 Acq On : 25 May 2022 01:38
 Operator : SY/VA
 Sample : N2995-08
 Misc : 2.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR1

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023295.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	6	9	14	rVB2	13744	18747	1.43%	0.144%
2	2.160	37	42	43	rBV	11684	15878	1.21%	0.122%
3	2.349	68	73	84	rVB	142692	227083	17.32%	1.739%
4	2.495	93	97	102	rBV	11480	18691	1.43%	0.143%
5	2.879	154	160	169	rBV	67598	144631	11.03%	1.108%
6	3.385	233	243	249	rBV8	4049	11511	0.88%	0.088%
7	3.532	264	267	269	rBV4	1418	1721	0.13%	0.013%
8	4.019	334	347	358	rBV	119950	366784	27.98%	2.809%
9	4.123	359	364	370	rVB	9548	21438	1.64%	0.164%
10	4.428	411	414	419	rVB6	1232	2553	0.19%	0.020%
11	4.915	483	494	508	rBV3	15354	55112	4.20%	0.422%
12	5.098	518	524	525	rBV5	1845	3129	0.24%	0.024%
13	5.397	570	573	575	rBV4	1830	2280	0.17%	0.017%
14	5.781	632	636	637	rBV3	2036	2143	0.16%	0.016%
15	5.927	654	660	663	rBV6	3679	6502	0.50%	0.050%
16	6.031	675	677	683	rVB4	1543	2118	0.16%	0.016%
17	6.086	683	686	688	rBV3	1867	1790	0.14%	0.014%
18	6.214	704	707	709	rVV4	1549	1928	0.15%	0.015%
19	6.683	781	784	789	rBV5	1322	2096	0.16%	0.016%
20	6.903	813	820	823	rBV7	1984	3832	0.29%	0.029%
21	6.988	831	834	837	rVB4	2860	3450	0.26%	0.026%
22	7.080	840	849	856	rBV	57902	173179	13.21%	1.326%
23	7.256	872	878	887	rVB2	11507	29223	2.23%	0.224%
24	7.342	891	892	898	rBV5	1149	2130	0.16%	0.016%
25	7.525	918	922	923	rBV4	1690	2129	0.16%	0.016%
26	7.647	932	942	957	rVB	239956	595993	45.47%	4.564%
27	7.811	965	969	973	rBV7	2170	3067	0.23%	0.023%
28	8.147	1022	1024	1030	rBV6	1722	2837	0.22%	0.022%
29	8.275	1034	1045	1061	rBV2	403461	1310823	100.00%	10.038%
30	8.549	1087	1090	1094	rBV6	1862	3105	0.24%	0.024%
31	8.701	1106	1115	1119	rBV9	3647	9253	0.71%	0.071%
32	8.842	1129	1138	1150	rBV	349378	701577	53.52%	5.372%
33	9.079	1174	1177	1178	rBV2	1892	1946	0.15%	0.015%
34	9.274	1198	1209	1218	rBV	318279	658709	50.25%	5.044%
35	9.415	1227	1232	1234	rBV4	2890	3672	0.28%	0.028%
36	9.744	1283	1286	1291	rVB7	1392	2562	0.20%	0.020%

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 Title : SFAM01.0

37	9.866	1300	1306	1309	rVB7	1230	2285	0.17%	0.017%
38	9.951	1318	1320	1325	rBV5	1606	2444	0.19%	0.019%
39	10.036	1326	1334	1341	rBV	129174	237825	18.14%	1.821%
40	10.128	1345	1349	1354	rVB8	3879	8246	0.63%	0.063%
41	10.213	1358	1363	1366	rBV6	2773	3507	0.27%	0.027%
42	10.323	1370	1381	1387	rBV	472658	825840	63.00%	6.324%
43	10.390	1387	1392	1401	rVB	33655	65820	5.02%	0.504%
44	10.488	1404	1408	1409	rBV4	3530	5021	0.38%	0.038%
45	10.506	1409	1411	1416	rVB6	5597	7959	0.61%	0.061%
46	10.579	1416	1423	1431	rBV	89713	157133	11.99%	1.203%
47	10.664	1433	1437	1438	rVV4	3940	4925	0.38%	0.038%
48	10.701	1438	1443	1449	rVB3	21725	40176	3.06%	0.308%
49	10.853	1464	1468	1472	rVB5	2256	3210	0.24%	0.025%
50	10.920	1472	1479	1494	rBV	226590	421116	32.13%	3.225%
51	11.073	1499	1504	1507	rBV5	5889	10464	0.80%	0.080%
52	11.170	1517	1520	1525	rVB5	6371	9605	0.73%	0.074%
53	11.225	1525	1529	1535	rVB3	13133	23262	1.77%	0.178%
54	11.286	1536	1539	1542	rVB4	2243	2137	0.16%	0.016%
55	11.335	1543	1547	1551	rVB6	5126	7972	0.61%	0.061%
56	11.433	1552	1563	1571	rVB7	7980	23929	1.83%	0.183%
57	11.506	1571	1575	1582	rBV6	4938	11285	0.86%	0.086%
58	11.628	1588	1595	1604	rBV	442716	752396	57.40%	5.762%
59	11.725	1607	1611	1614	rBV4	9698	15672	1.20%	0.120%
60	11.756	1614	1616	1621	rVB4	4828	6380	0.49%	0.049%
61	11.841	1621	1630	1633	rBV5	15523	36970	2.82%	0.283%
62	11.871	1633	1635	1640	rVB5	9135	10907	0.83%	0.084%
63	11.969	1646	1651	1654	rBV7	3296	5876	0.45%	0.045%
64	12.030	1657	1661	1668	rVB7	4935	10176	0.78%	0.078%
65	12.140	1671	1679	1686	rBV6	19533	56465	4.31%	0.432%
66	12.304	1701	1706	1707	rBV4	7181	11158	0.85%	0.085%
67	12.341	1707	1712	1723	rVV7	31580	99244	7.57%	0.760%
68	12.603	1749	1755	1762	rVB2	181801	295264	22.53%	2.261%
69	12.688	1763	1769	1778	rVB	324302	550851	42.02%	4.218%
70	12.780	1779	1784	1791	rVB4	39575	76028	5.80%	0.582%
71	12.865	1791	1798	1801	rBV5	23545	49922	3.81%	0.382%
72	12.938	1804	1810	1815	rVB3	87573	165862	12.65%	1.270%
73	13.097	1829	1836	1843	rBV	34835	75383	5.75%	0.577%
74	13.164	1843	1847	1855	rVB10	21561	47137	3.60%	0.361%
75	13.249	1856	1861	1866	rBV	32492	57262	4.37%	0.438%
76	13.438	1887	1892	1897	rBV2	70051	116667	8.90%	0.893%

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 Title : SFAM01.0

77	13.554	1905	1911	1920	rBV2	342081	710163	54.18%	5.438%
78	13.743	1939	1942	1945	rBV	66449	77922	5.94%	0.597%
79	13.786	1945	1949	1954	rVB2	102918	153378	11.70%	1.175%
80	13.847	1954	1959	1970	rVB	321154	664686	50.71%	5.090%
81	13.944	1971	1975	1980	rVB	62682	90501	6.90%	0.693%
82	14.005	1981	1985	1987	rBV	45531	62705	4.78%	0.480%
83	14.091	1997	1999	2006	rVB	118431	144332	11.01%	1.105%
84	14.200	2012	2017	2022	rVB2	126071	208456	15.90%	1.596%
85	14.249	2022	2025	2027	rBV	20496	27980	2.13%	0.214%
86	14.334	2034	2039	2043	rBV2	81355	131067	10.00%	1.004%
87	14.383	2043	2047	2049	rVV4	38589	61516	4.69%	0.471%
88	14.414	2049	2052	2055	rVV	68237	109560	8.36%	0.839%
89	14.450	2055	2058	2062	rVV	166874	237651	18.13%	1.820%
90	14.493	2062	2065	2069	rVV	57988	82232	6.27%	0.630%
91	14.536	2069	2072	2080	rVB5	53355	112841	8.61%	0.864%
92	14.633	2085	2088	2093	rVB	44389	64899	4.95%	0.497%
93	14.719	2100	2102	2107	rVB2	57446	85655	6.53%	0.656%
94	14.786	2107	2113	2121	rBV2	305147	585845	44.69%	4.486%
95	14.950	2136	2140	2146	rVB2	44488	72264	5.51%	0.553%
96	15.090	2154	2163	2170	rVV6	80306	246664	18.82%	1.889%
97	15.164	2171	2175	2183	rVB3	65600	148092	11.30%	1.134%
98	15.310	2195	2199	2205	rBV4	44510	80248	6.12%	0.615%
99	15.724	2263	2267	2272	rBV8	21234	38361	2.93%	0.294%
100	16.169	2331	2340	2352	rBV9	41624	134331	10.25%	1.029%

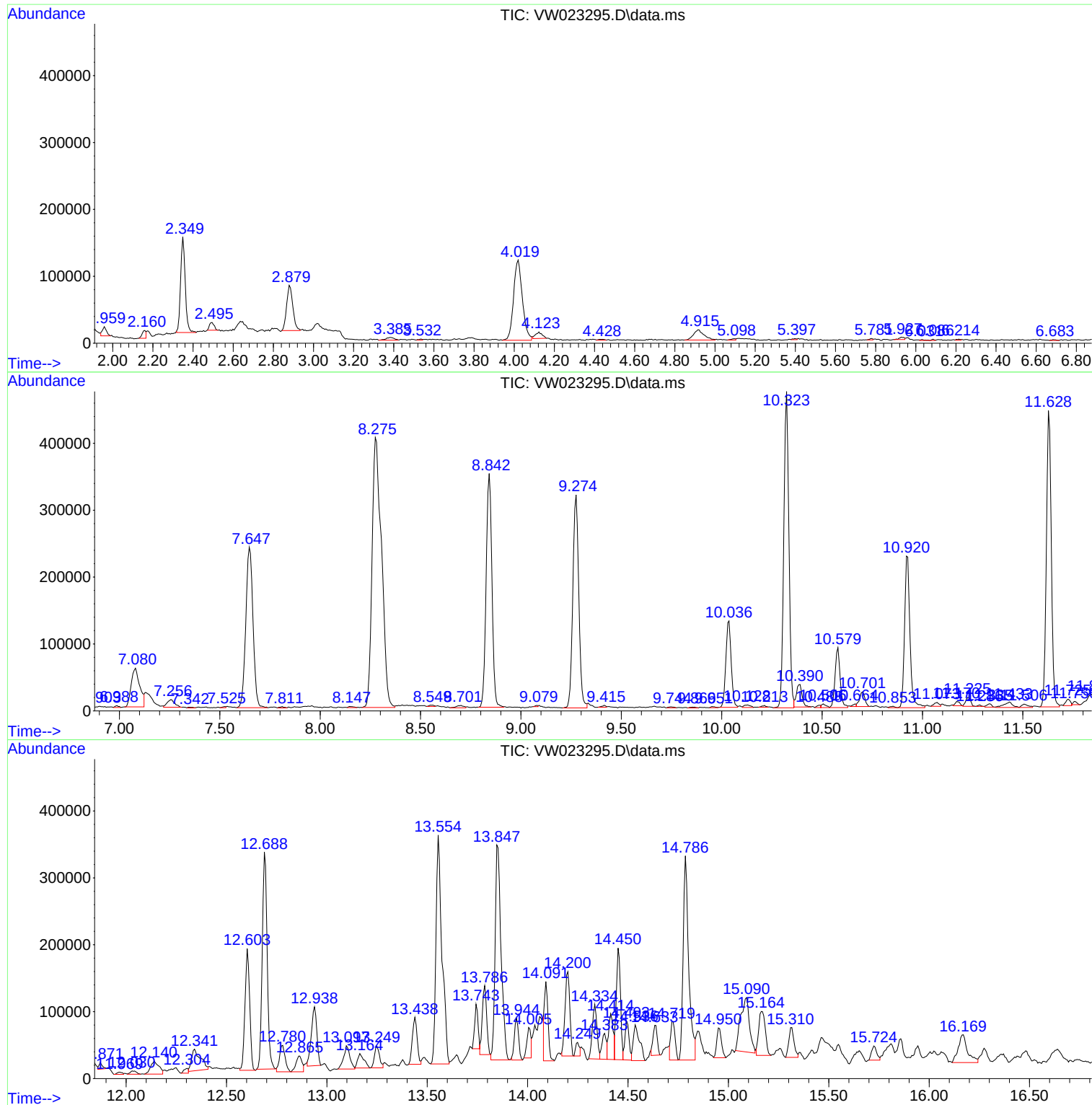
Sum of corrected areas: 13058752

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Instrument :
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GBGR1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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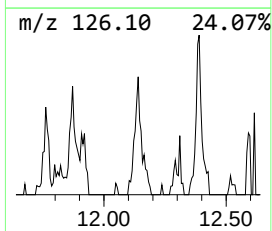
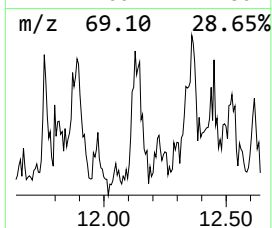
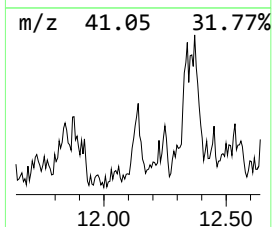
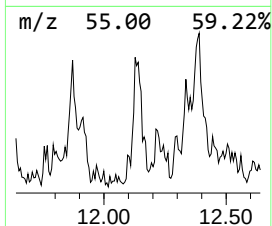
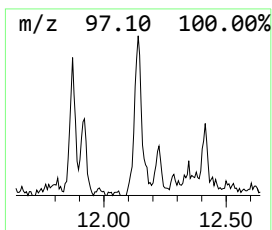
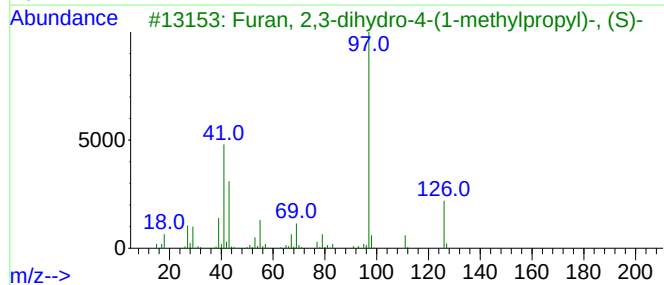
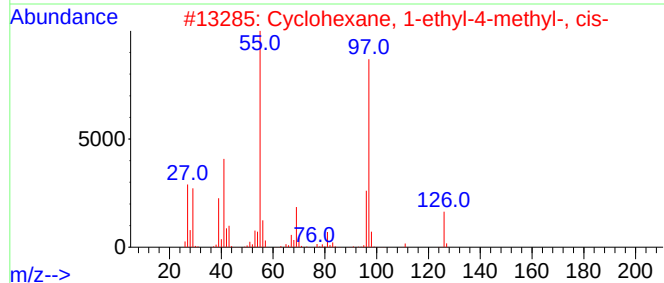
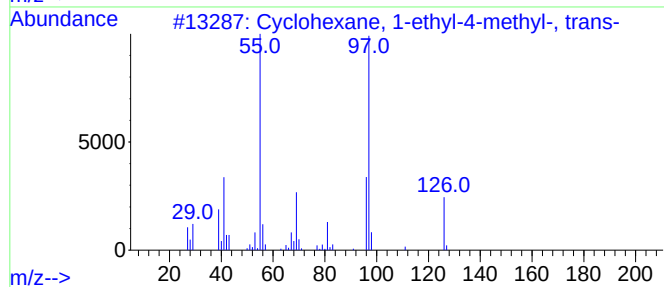
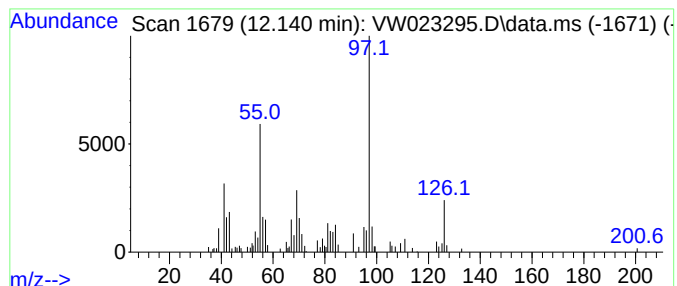
Instrument :
MSVOA_W
ClientSampleId :
GBGR1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.140 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.140	1.88 ug/L	56465	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	006236-88-0	62
2	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	004926-78-7	58
3	Furan, 2,3-dihydro-4-(1-methylpr...		126	C8H14O	034379-54-9	58
4	1H-Pyrazole, 4,5-dihydro-3-methy...		126	C7H14N2	026964-49-8	53
5	2-Furanacetic acid, .alpha.-hydr...		142	C6H6O4	019377-73-2	53



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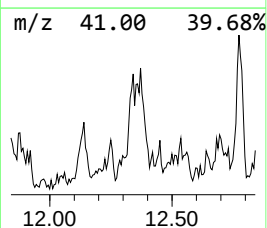
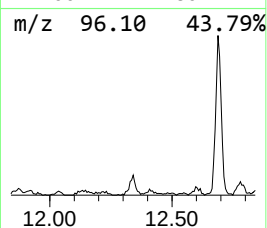
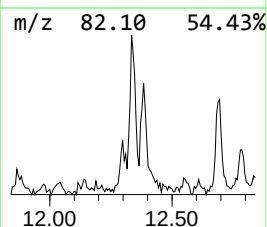
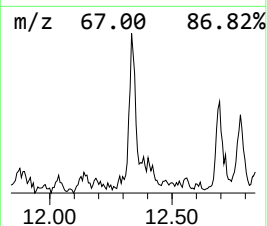
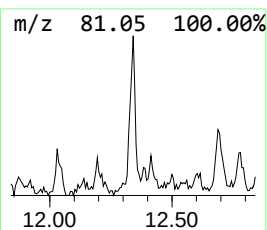
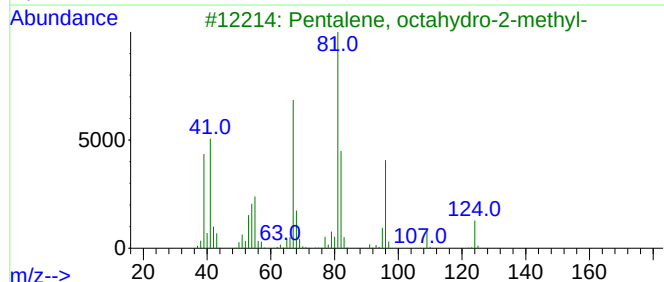
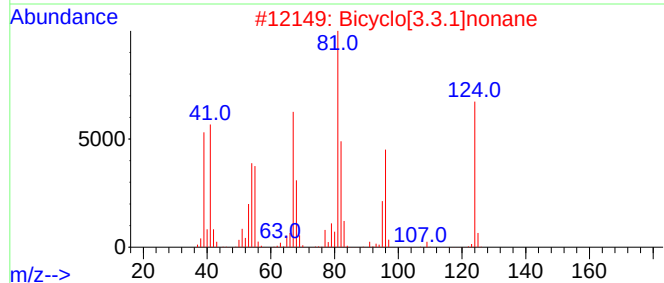
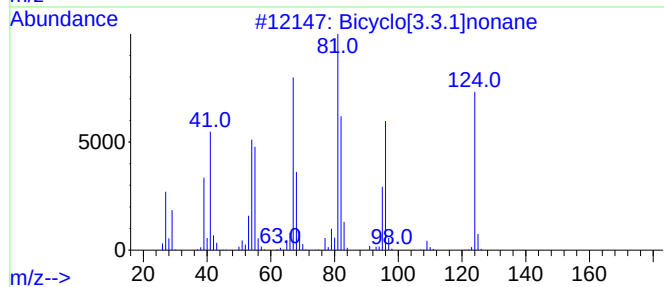
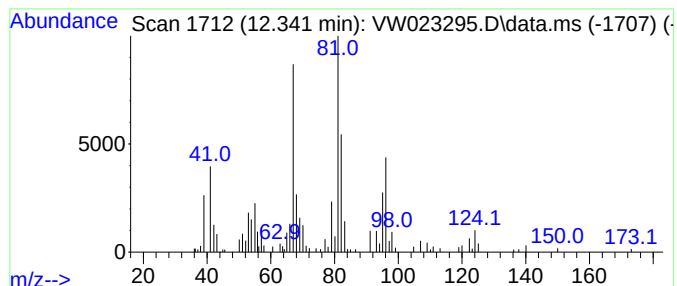
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Bicyclo[3.3.1]nonane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	3.30 ug/L	99244	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	90
2			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	76
3			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
4			1-Methylcyclooctene	124	C9H16	000933-11-9	68
5			Bicyclo[6.1.0]nonane	124	C9H16	000286-60-2	60



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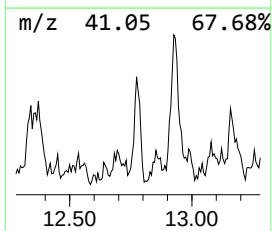
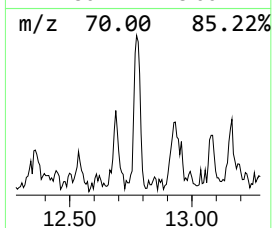
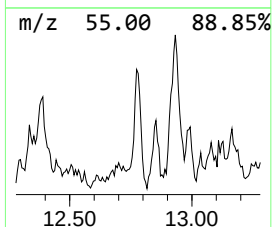
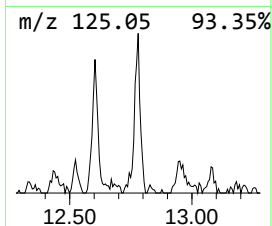
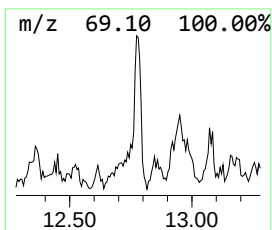
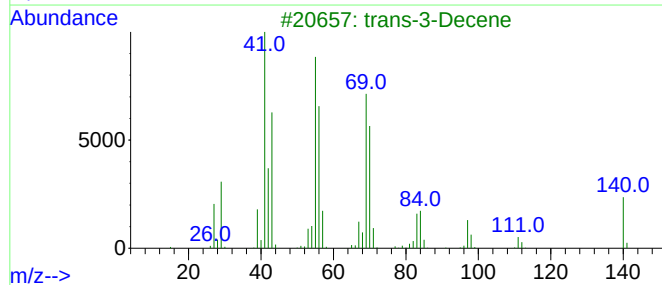
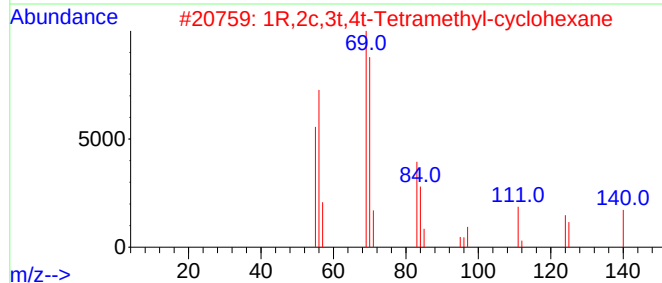
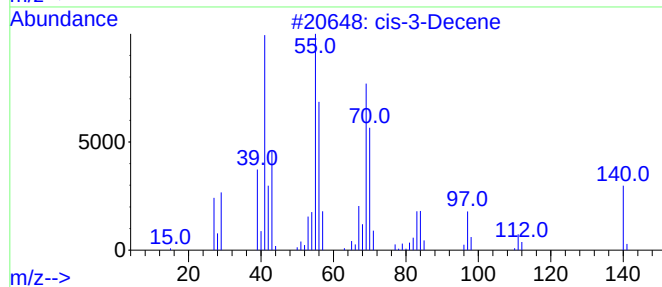
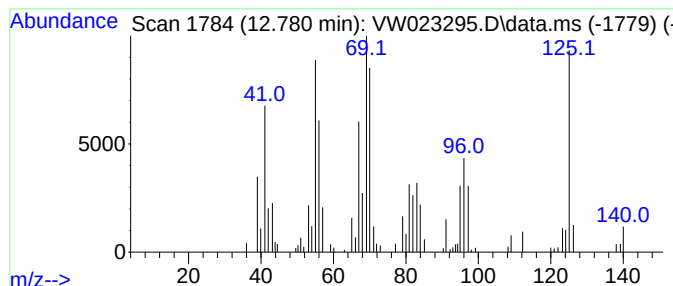
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	2.68 ug/L	76028	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-3-Decene	140	C10H20	019398-86-8	60
2			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	55
3			trans-3-Decene	140	C10H20	019150-21-1	55
4			trans-3-Decene	140	C10H20	019150-21-1	53
5			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

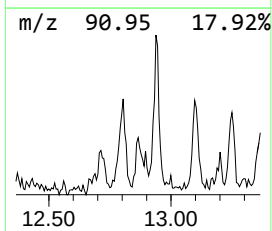
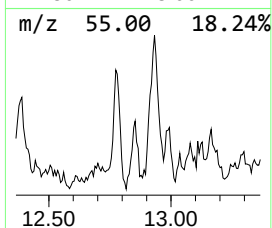
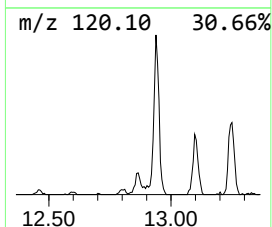
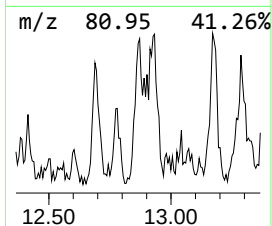
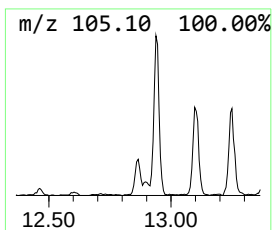
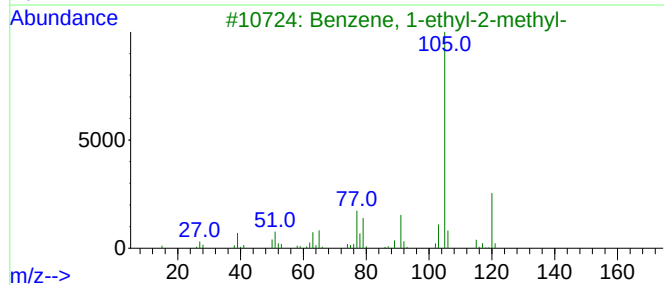
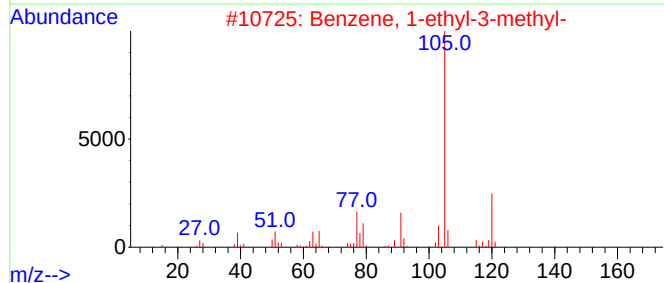
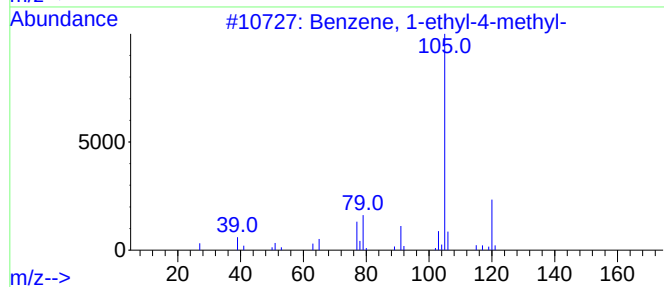
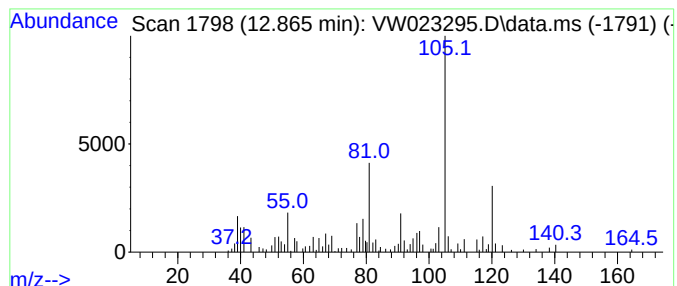
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.76 ug/L	49922	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	53
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

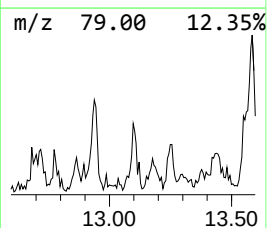
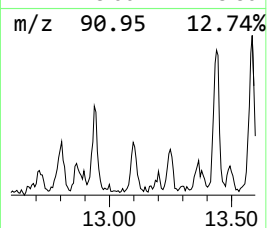
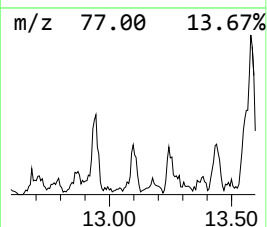
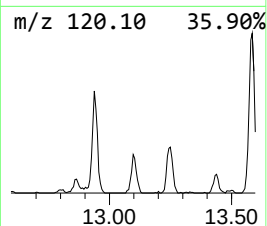
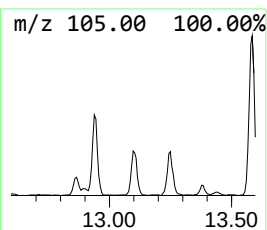
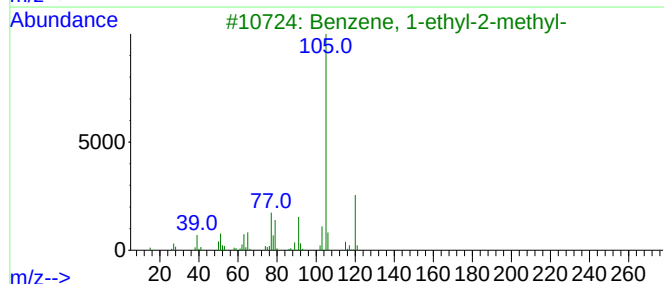
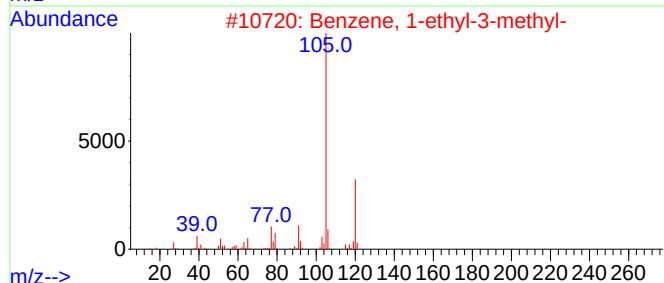
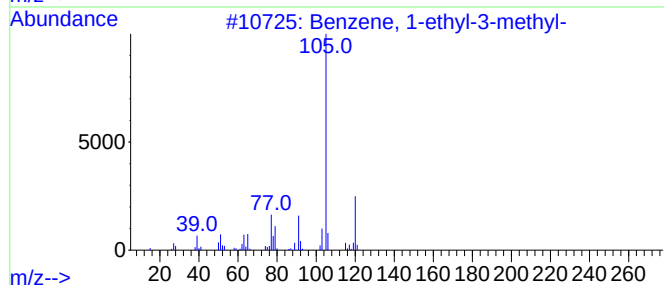
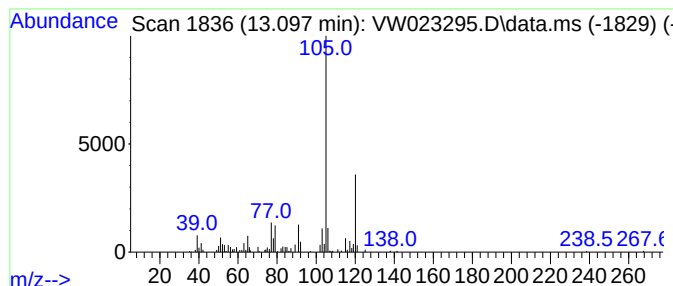
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	2.65 ug/L	75383	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	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

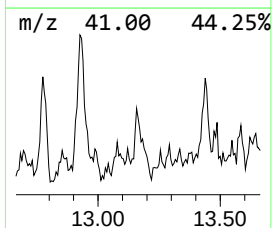
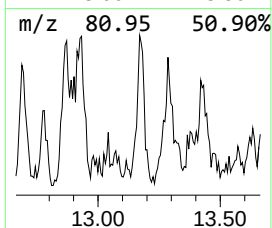
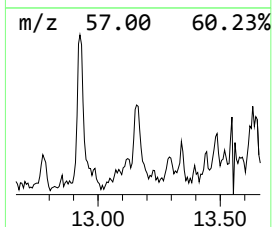
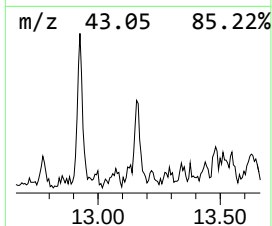
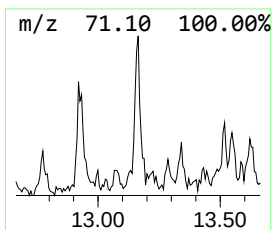
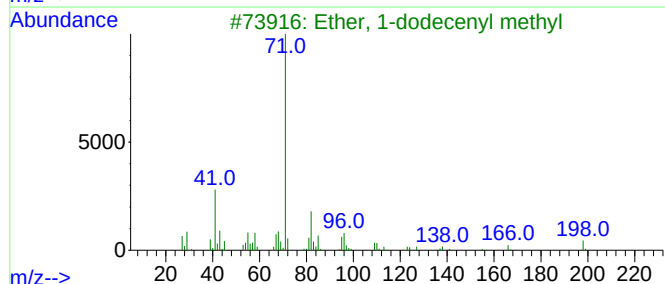
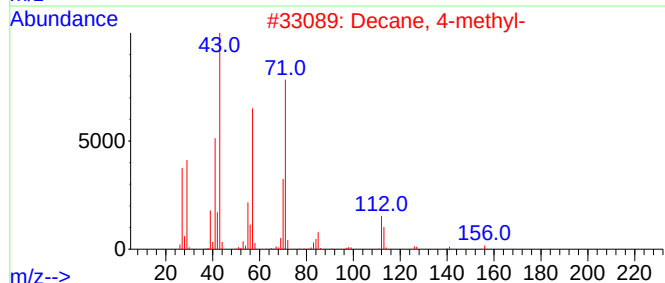
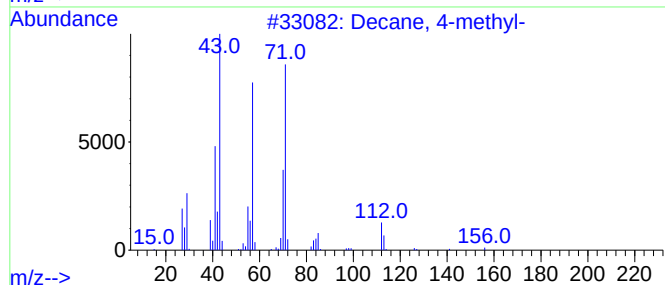
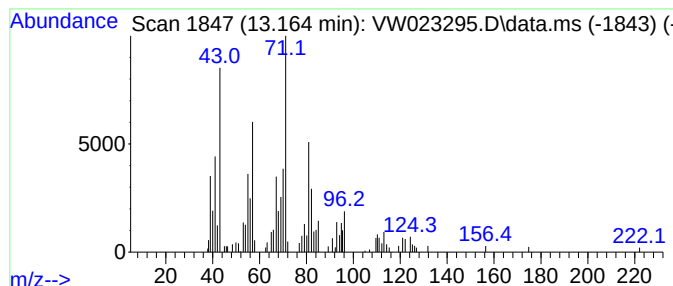
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	1.66 ug/L	47137	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	70
2			Decane, 4-methyl-	156	C11H24	002847-72-5	58
3			Ether, 1-dodecenyl methyl	198	C13H26O	026537-04-2	43
4			6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	38
5			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

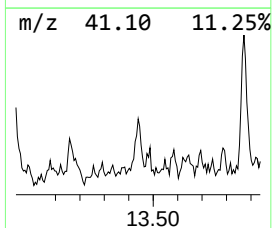
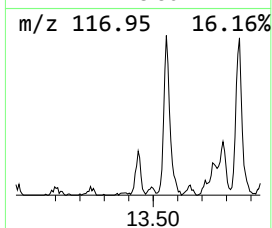
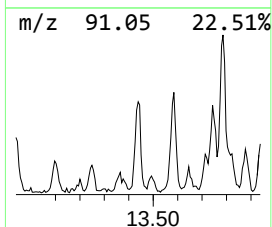
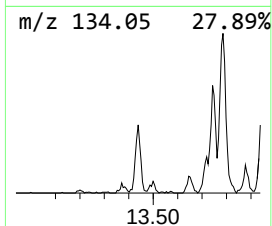
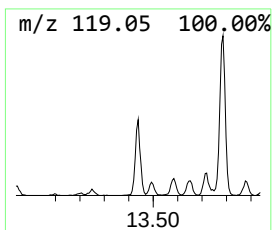
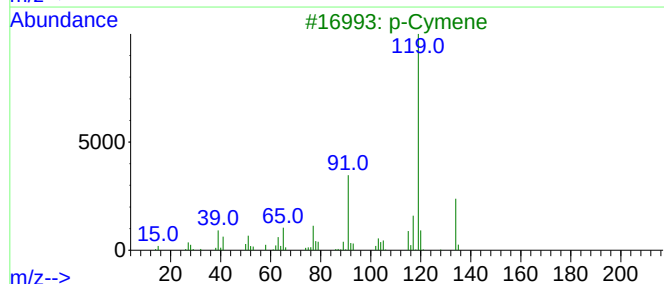
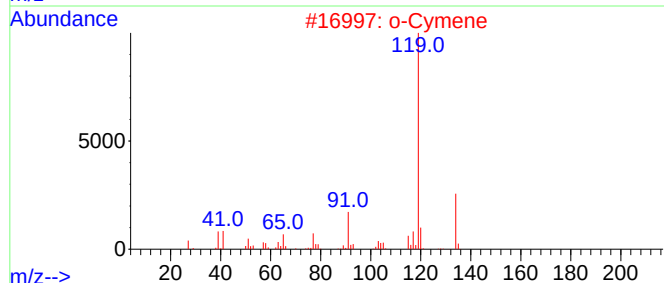
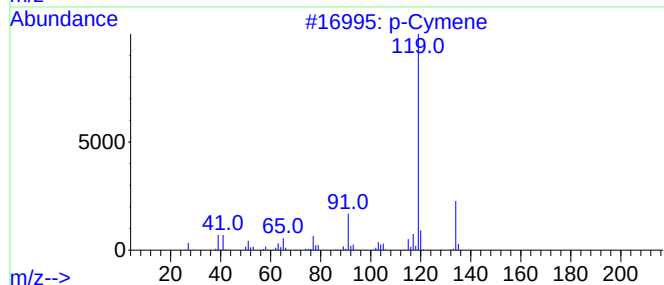
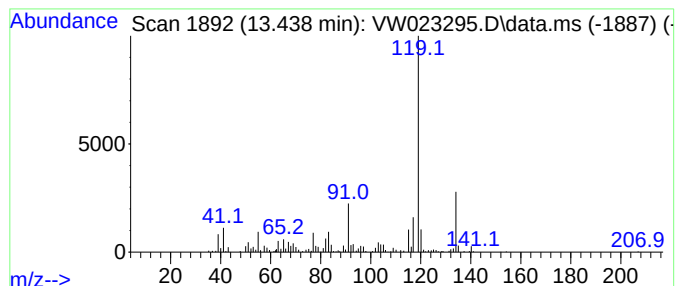
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Quant Title : SFAM01.0

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

Peak Number 11 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	4.11 ug/L	116667	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	94
2			o-Cymene	134	C10H14	000527-84-4	94
3			p-Cymene	134	C10H14	000099-87-6	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

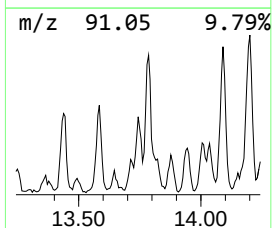
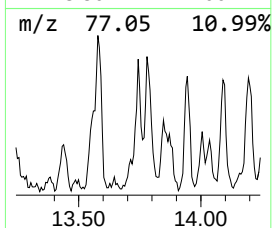
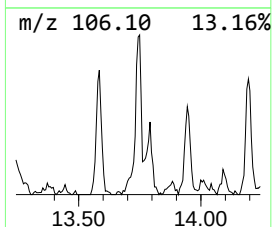
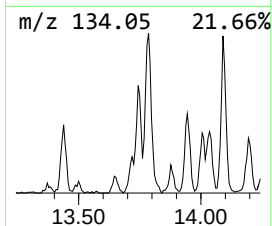
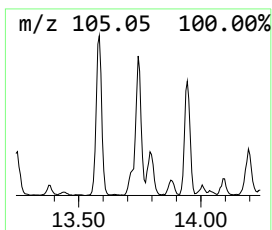
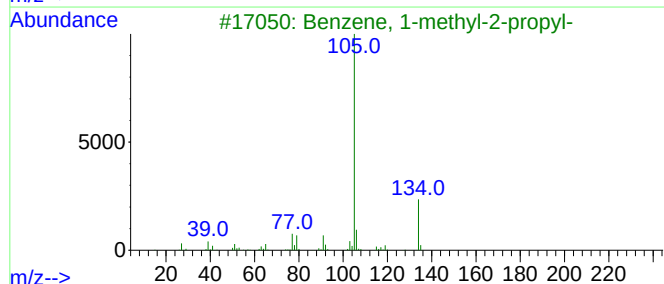
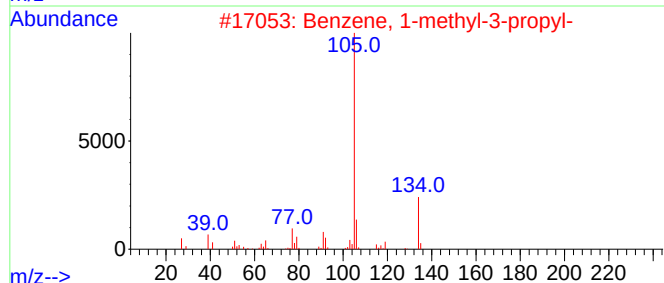
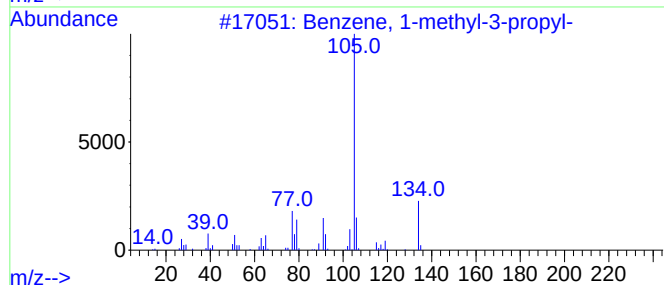
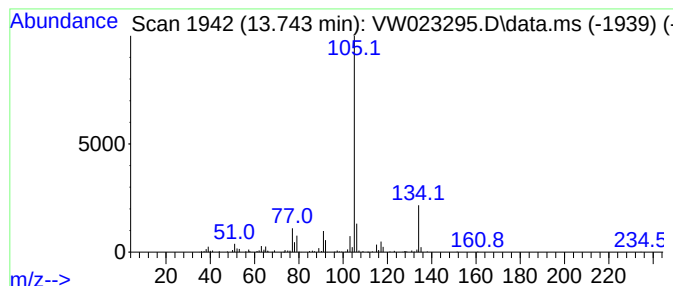
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	2.74 ug/L	77922	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

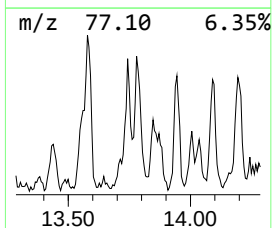
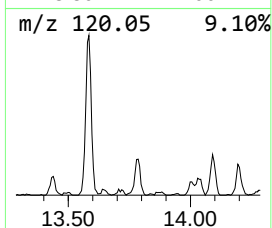
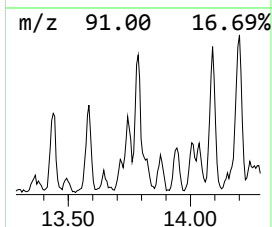
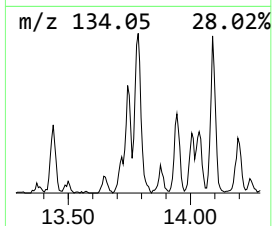
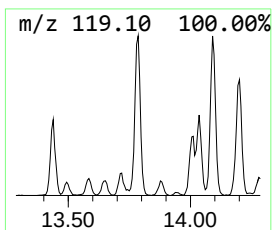
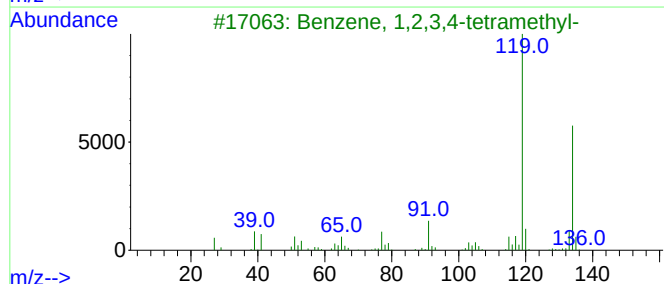
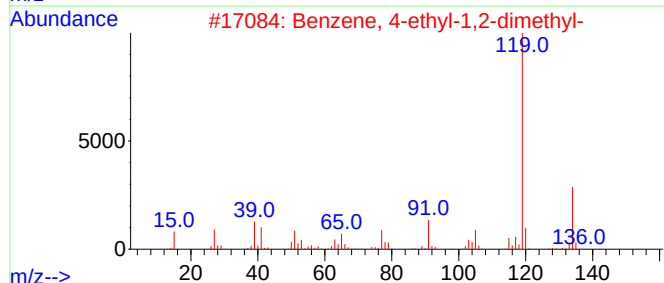
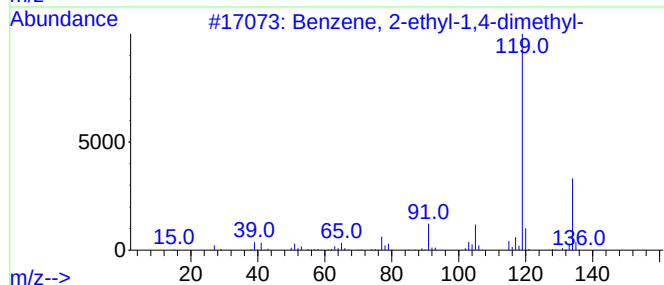
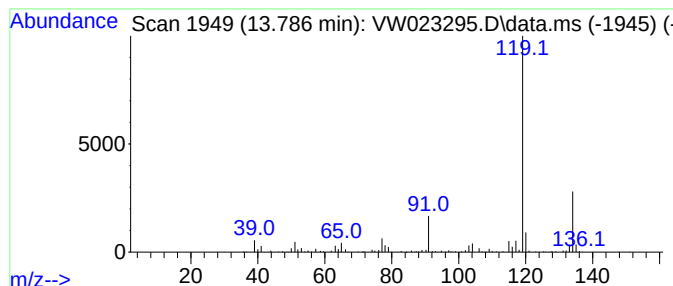
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	5.40 ug/L	153378	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	91
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

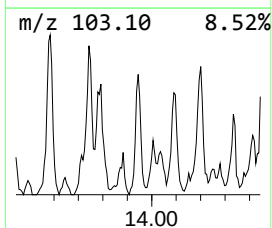
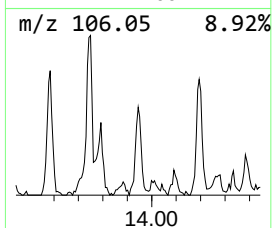
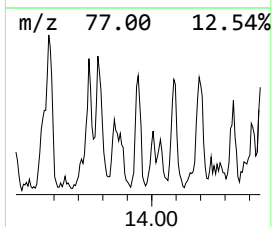
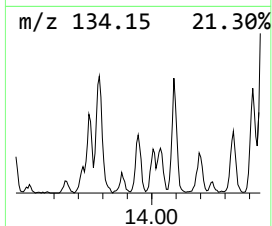
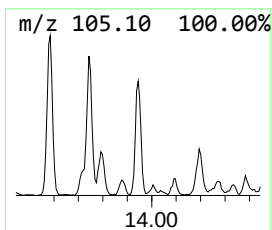
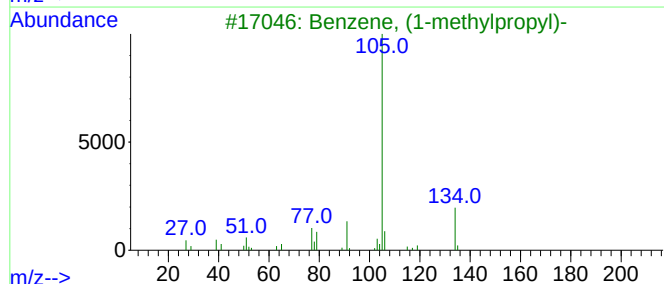
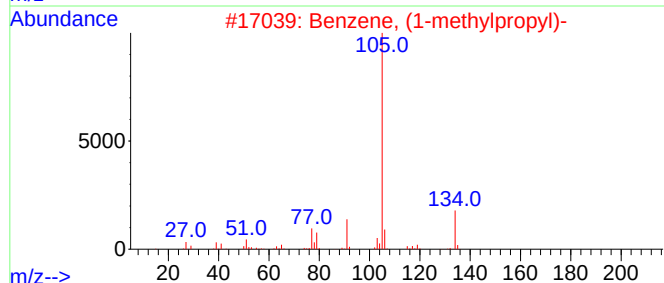
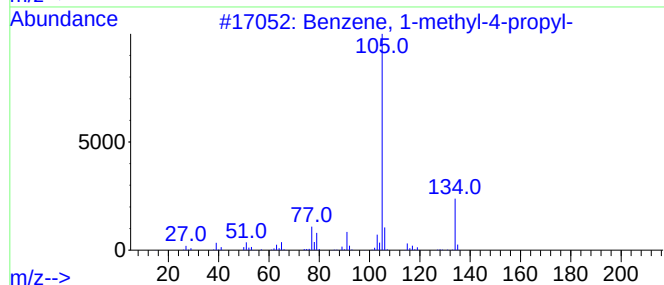
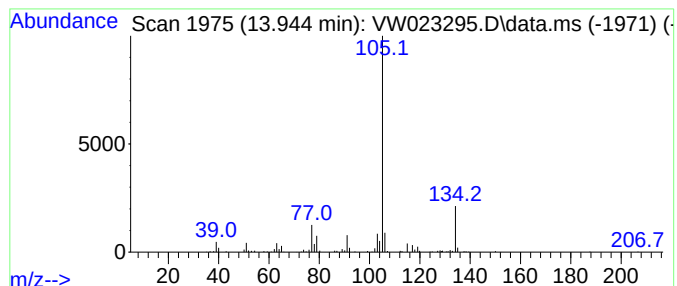
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	3.19 ug/L	90501	1,4-Dichlorobenzene-d4	13.554

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-methylpropyl)-	134	C10H14	000135-98-8	90
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

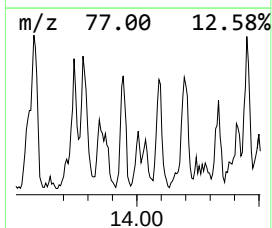
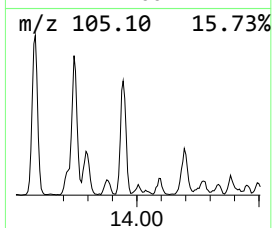
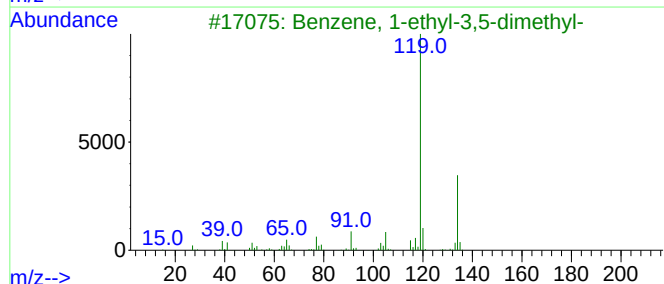
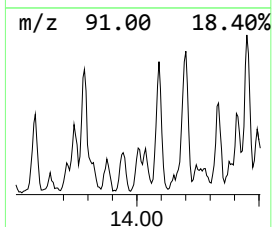
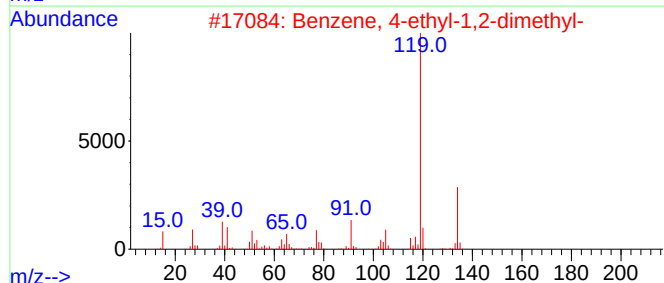
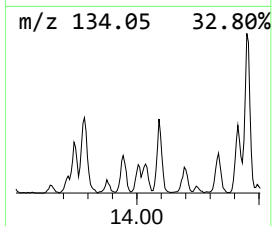
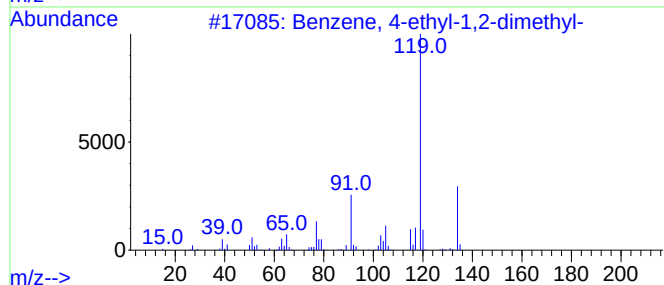
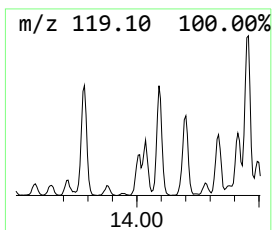
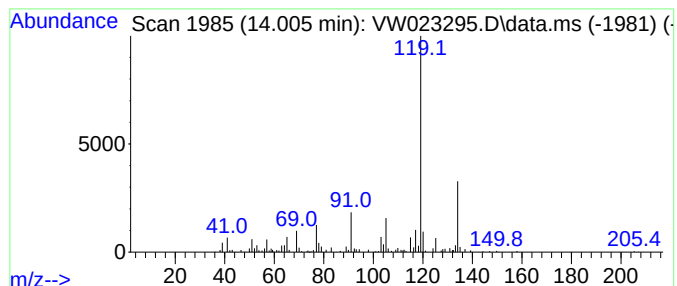
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	2.21 ug/L	62705	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	94
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

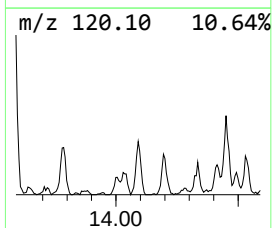
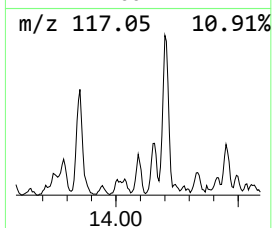
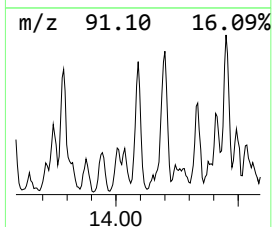
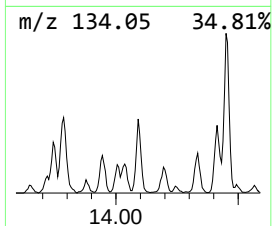
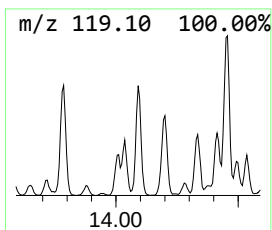
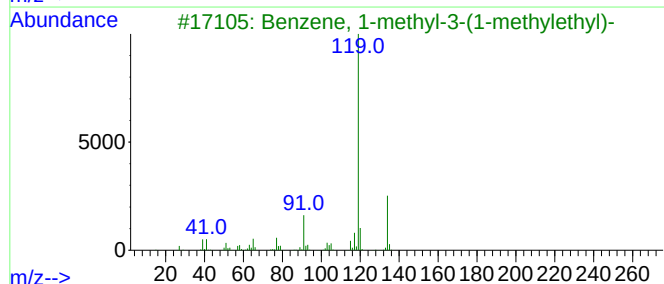
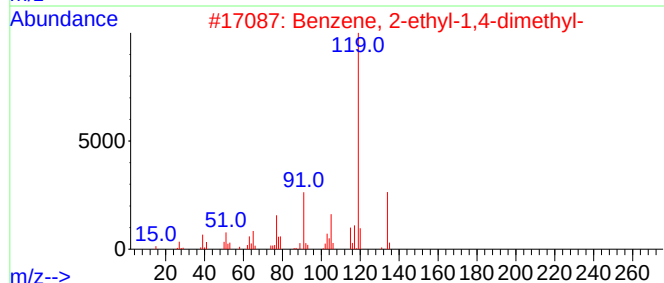
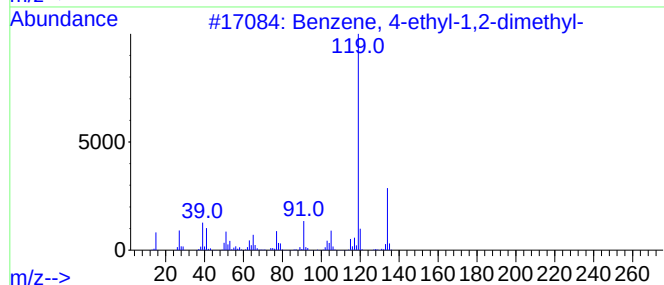
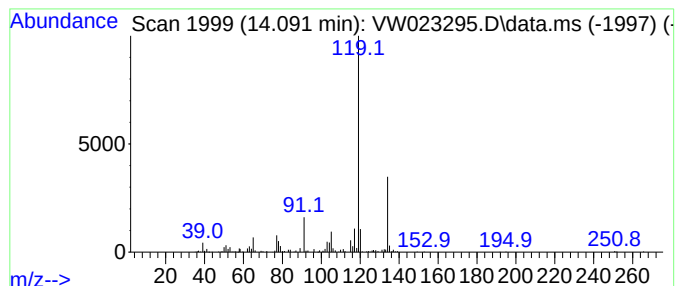
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Quant Title : SFAM01.0

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

Peak Number 16 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	5.08 ug/L	144332	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	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

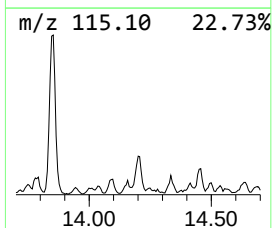
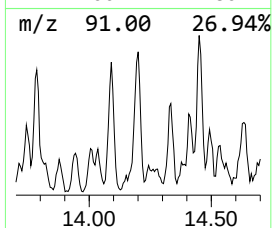
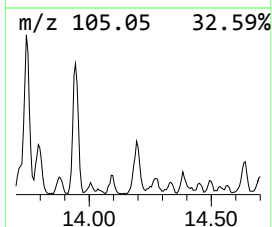
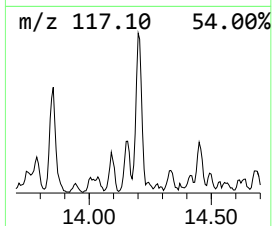
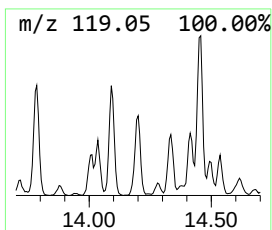
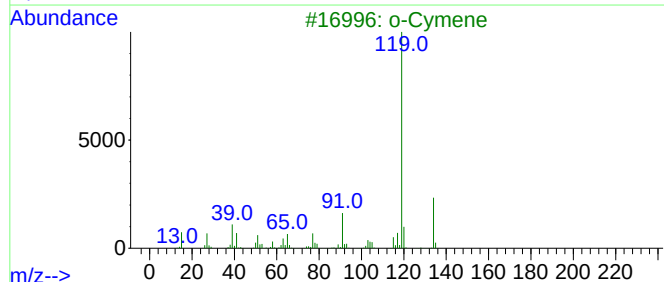
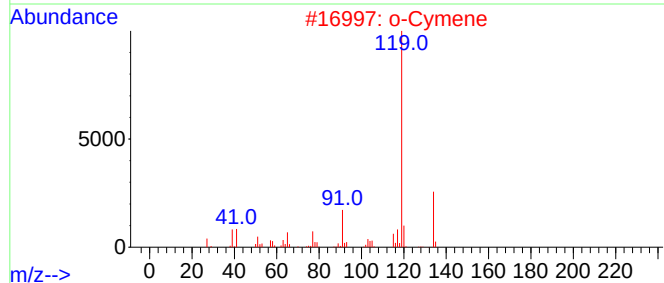
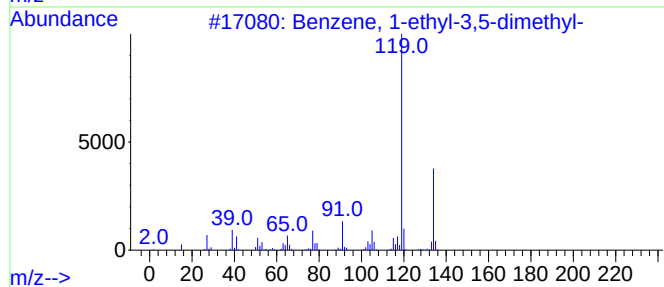
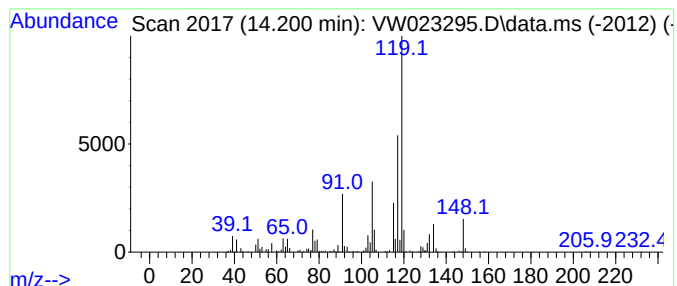
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	7.34 ug/L	208456	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	53
2			o-Cymene	134	C10H14	000527-84-4	50
3			o-Cymene	134	C10H14	000527-84-4	50
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	49
5			p-Cymene	134	C10H14	000099-87-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

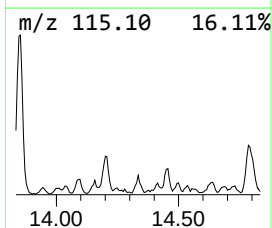
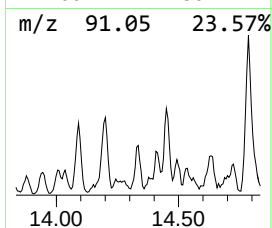
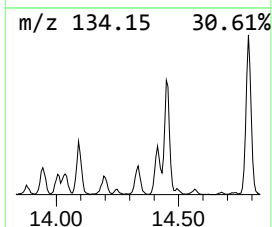
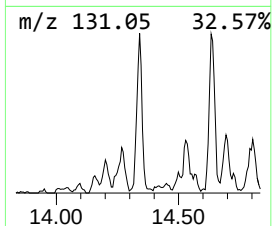
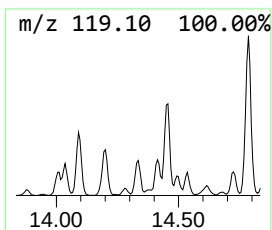
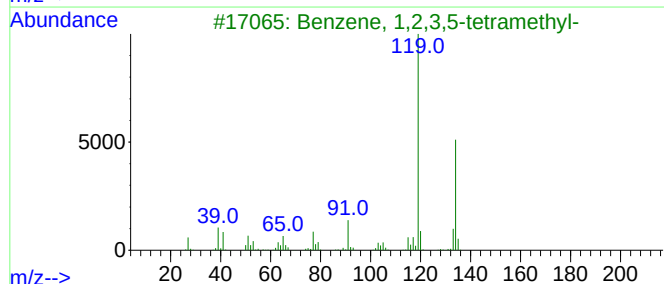
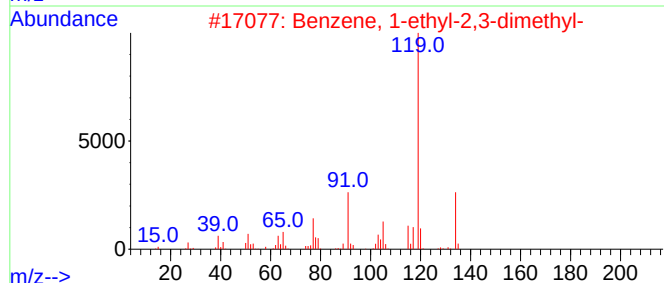
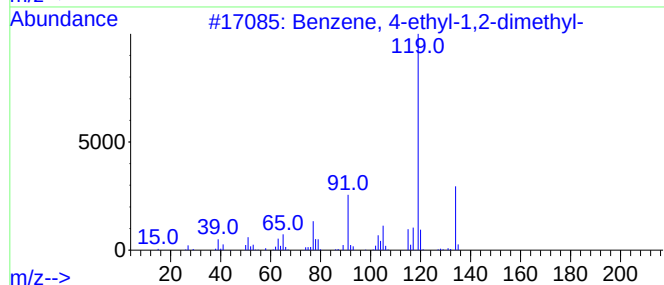
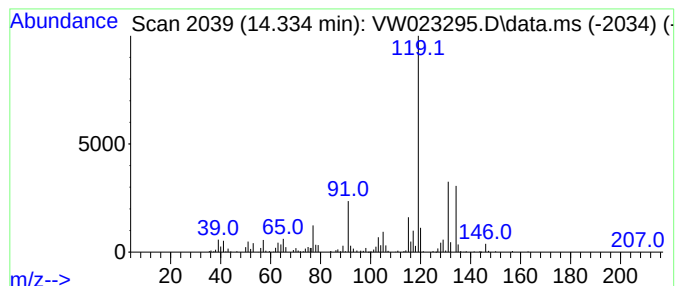
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	4.61 ug/L	131067	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			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

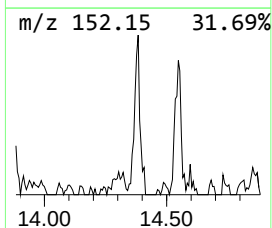
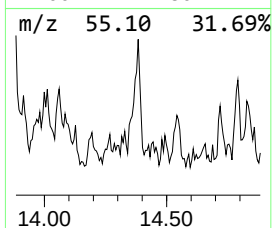
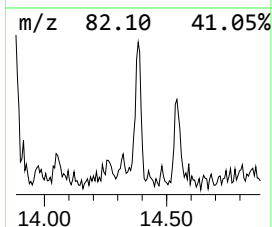
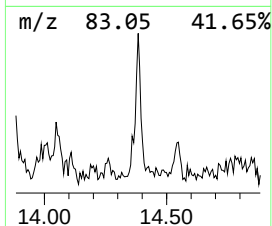
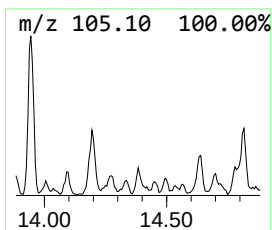
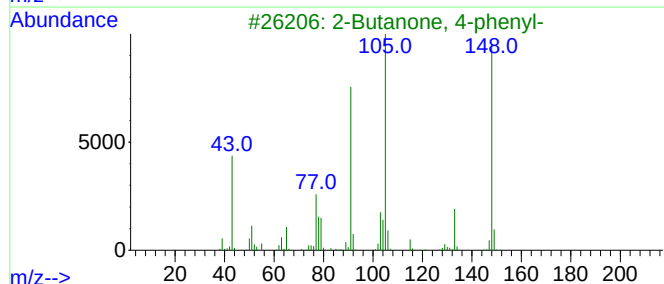
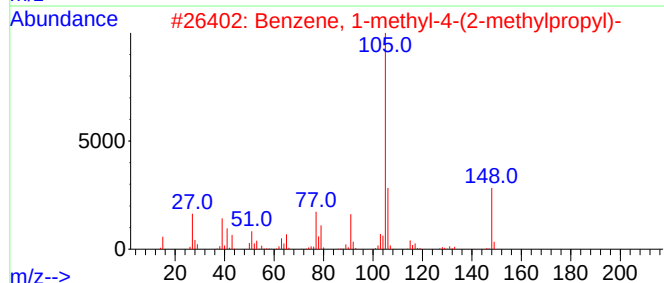
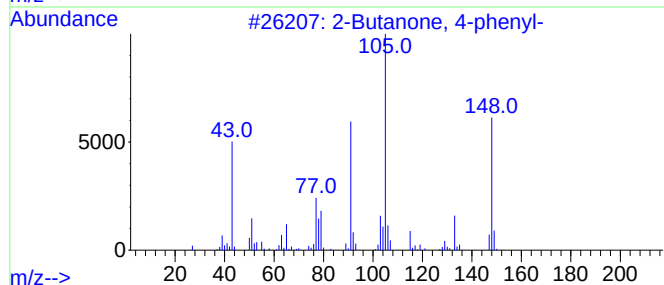
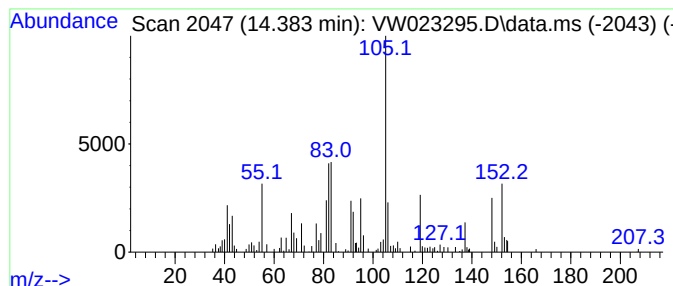
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Quant Title : SFAM01.0

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

Peak Number 19 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	2.17 ug/L	61516	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-phenyl-		148	C10H12O	002550-26-7	11	
2	Benzene, 1-methyl-4-(2-methylpro...		148	C11H16	005161-04-6	11	
3	2-Butanone, 4-phenyl-		148	C10H12O	002550-26-7	11	
4	Benzene, (1-methylbutyl)-		148	C11H16	002719-52-0	11	
5	Benzene, 1-methyl-4-butyl		148	C11H16	001595-05-7	11	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

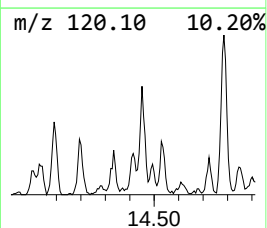
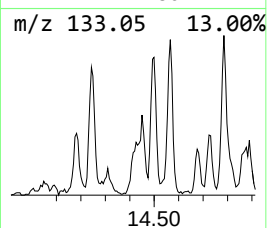
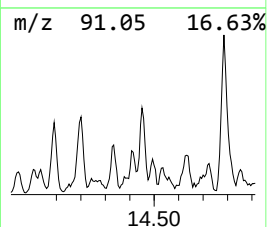
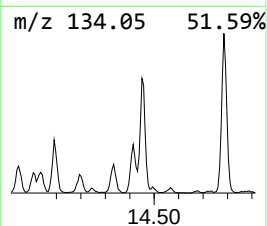
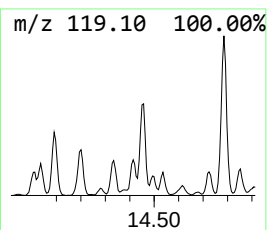
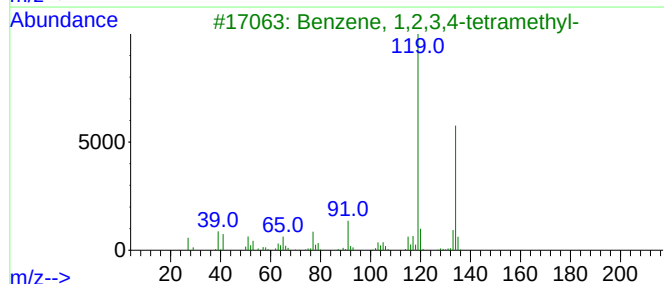
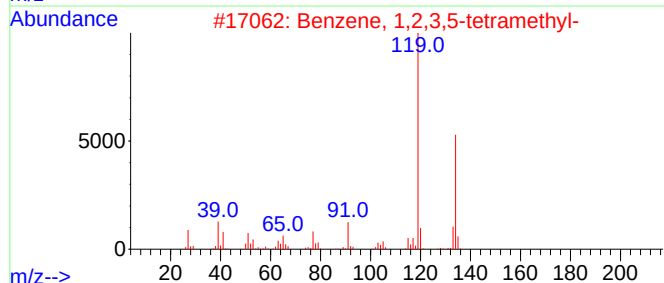
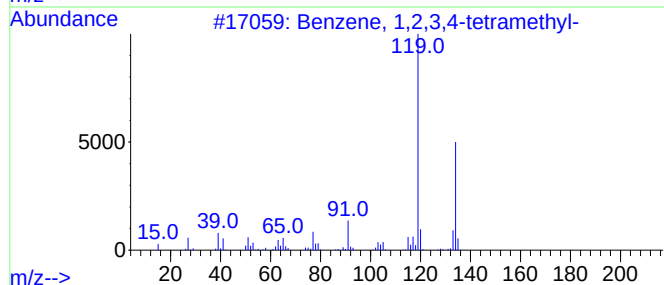
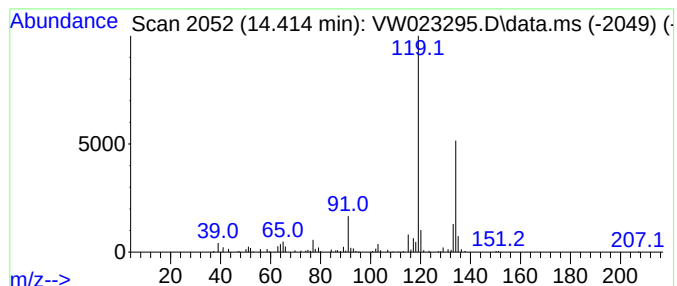
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	3.86 ug/L	109560	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	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

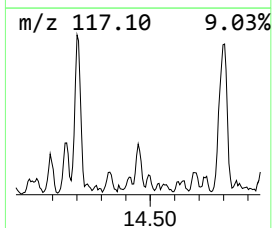
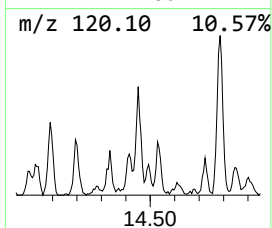
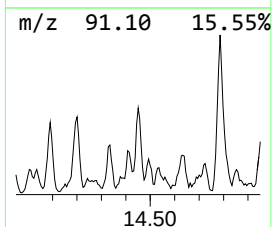
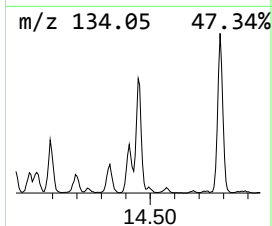
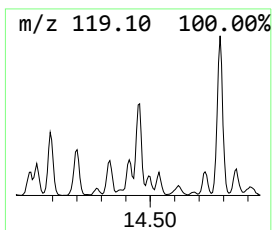
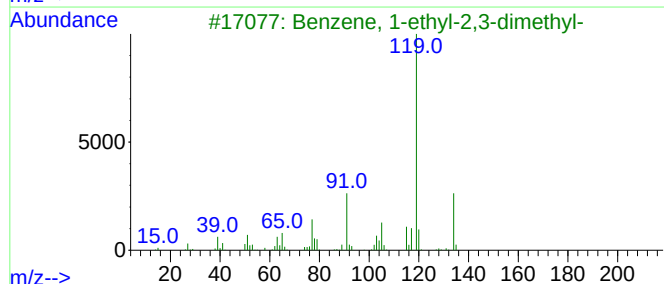
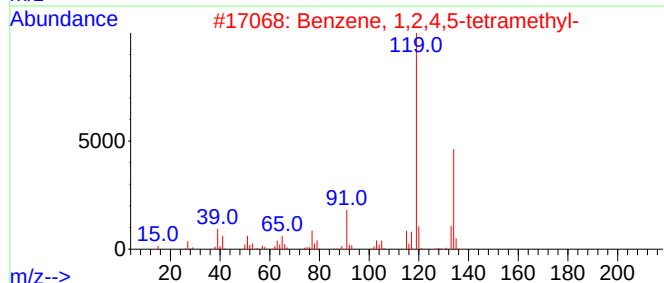
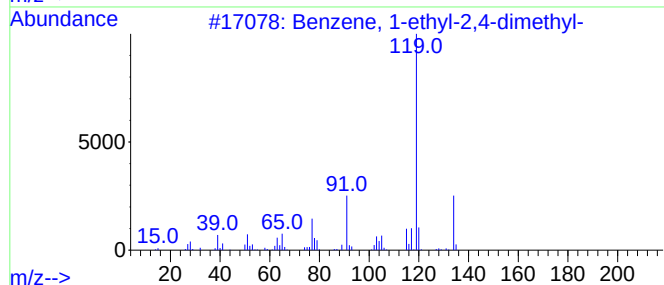
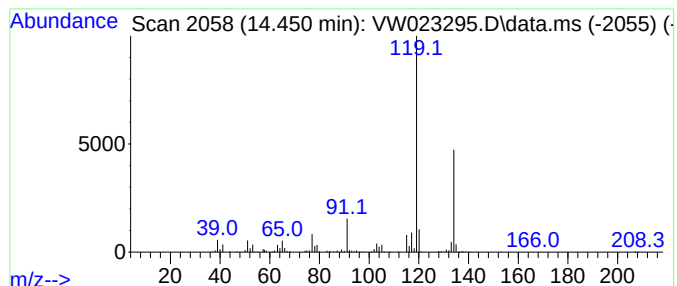
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	8.37 ug/L	237651	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

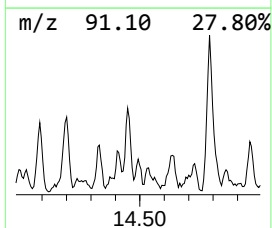
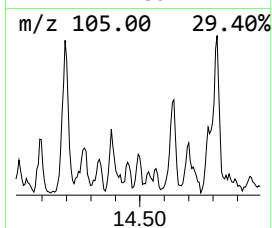
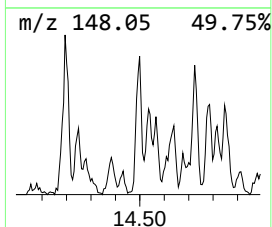
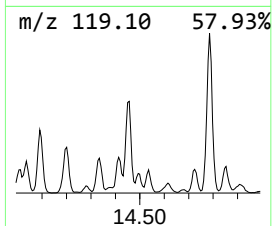
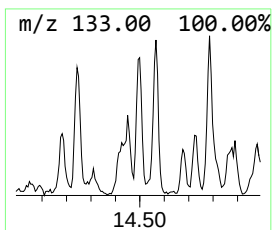
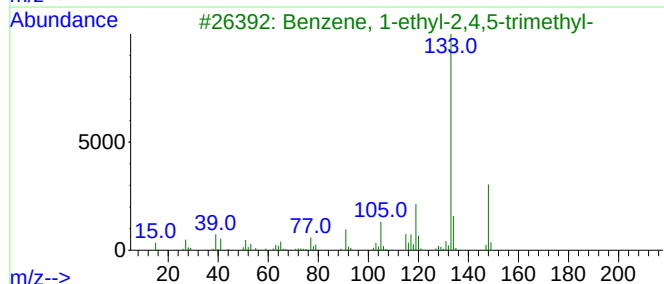
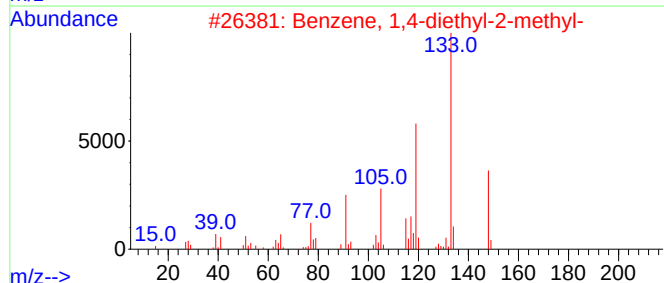
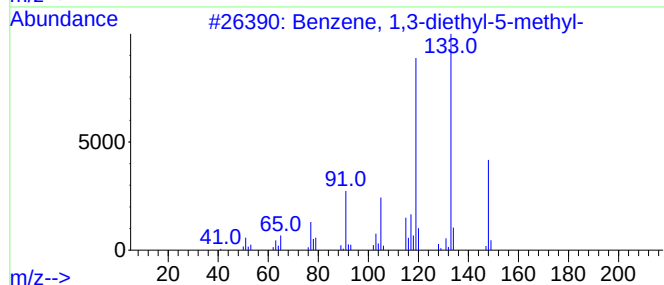
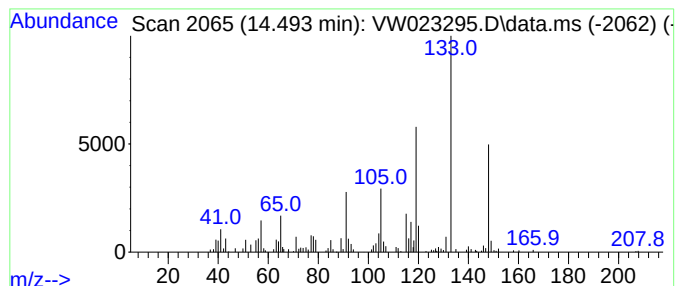
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	2.89 ug/L	82232	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
3			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	90
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

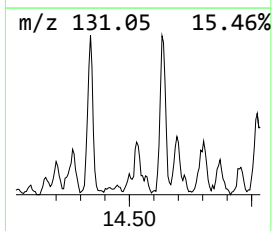
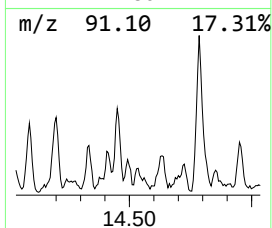
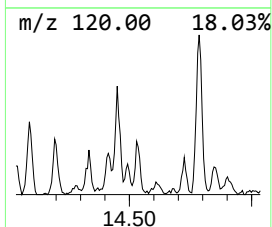
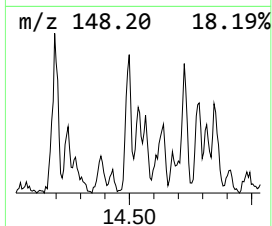
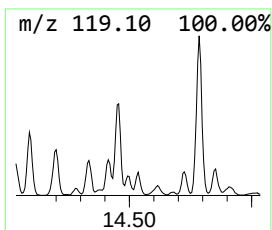
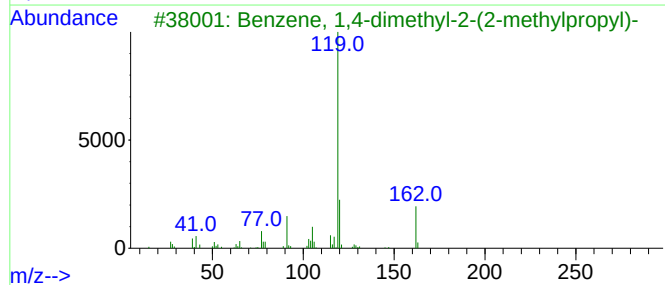
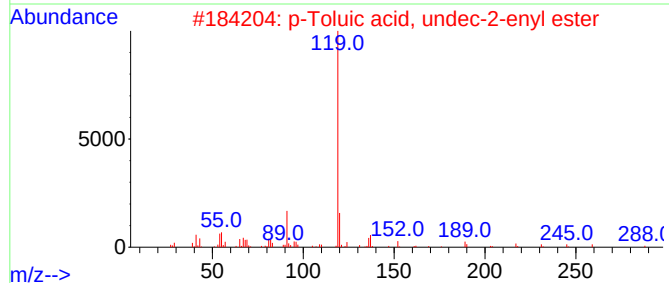
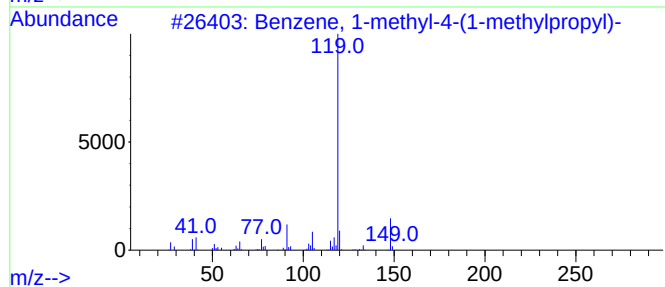
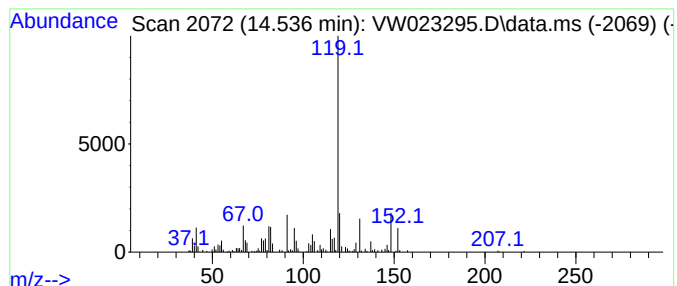
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.536	3.97 ug/L	112841	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	53
2			p-Toluic acid, undec-2-enyl ester	288	C19H28O2	1000292-50-8	50
3			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
4			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	47
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

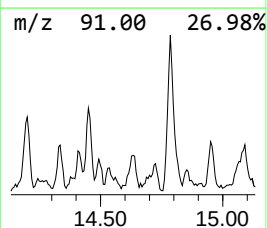
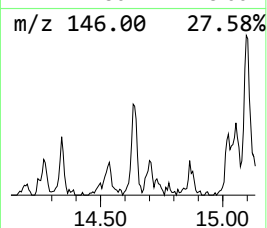
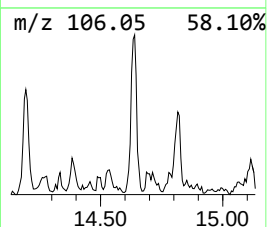
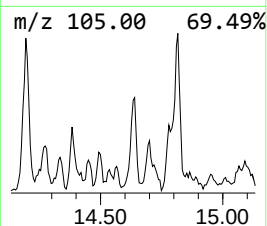
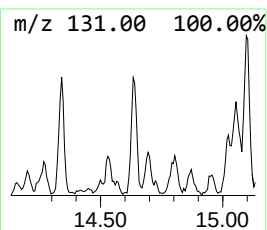
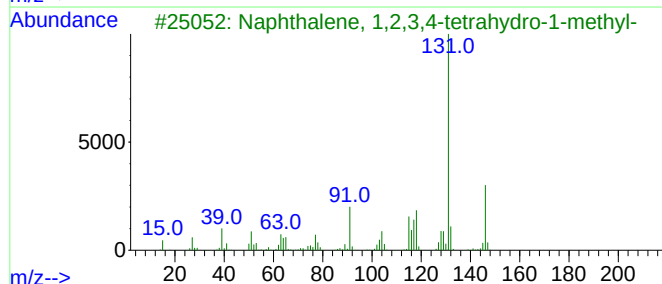
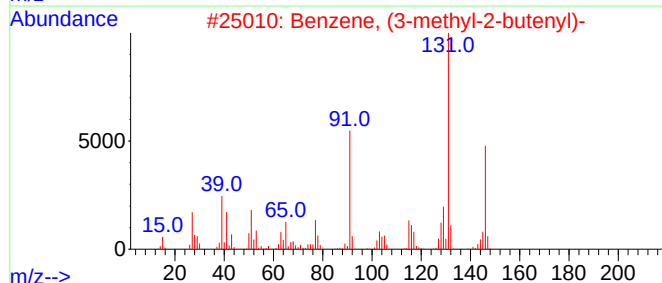
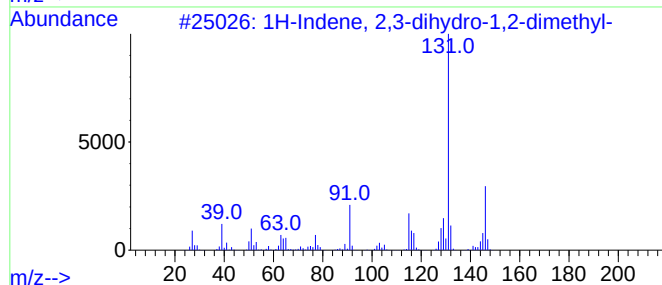
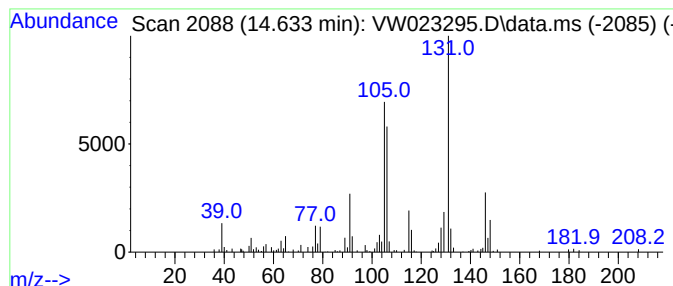
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Quant Title : SFAM01.0

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

Peak Number 24 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	2.28 ug/L	64899	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

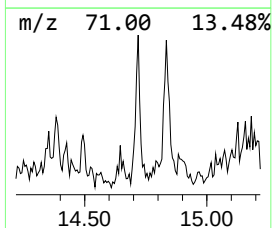
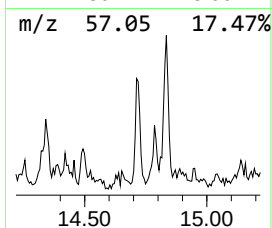
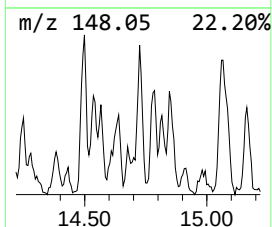
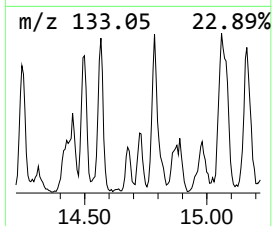
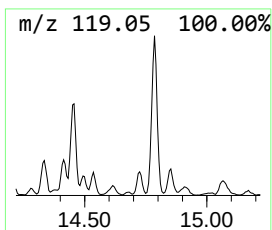
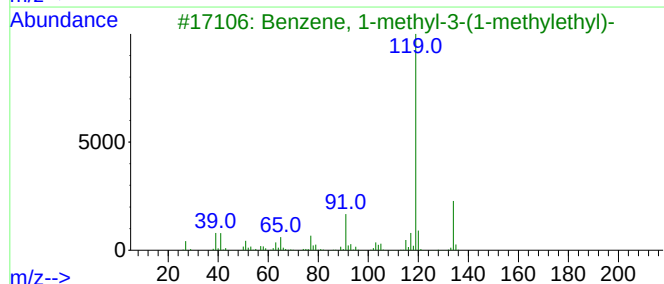
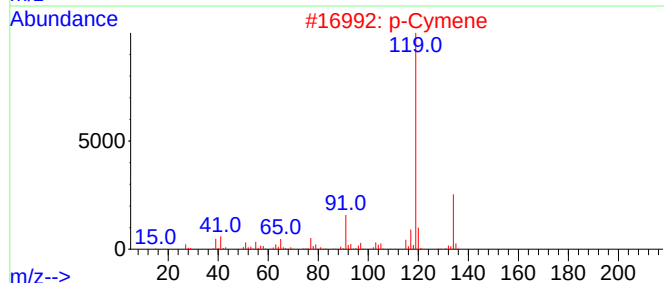
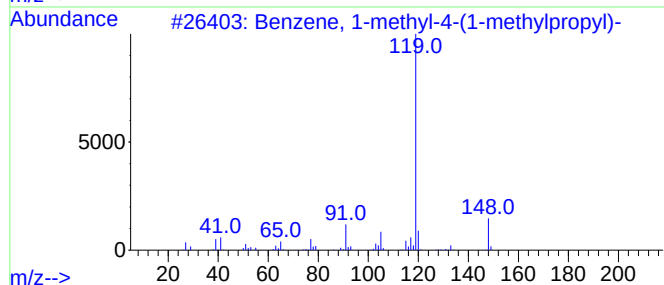
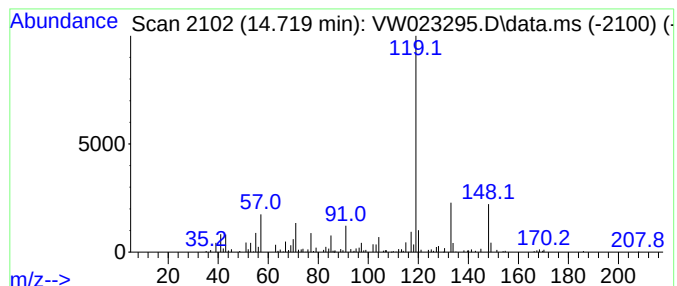
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	3.02 ug/L	85655	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			p-Cymene	134	C10H14	000099-87-6	62
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

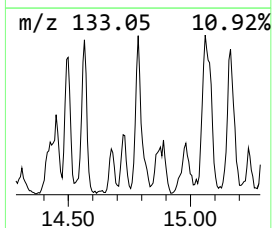
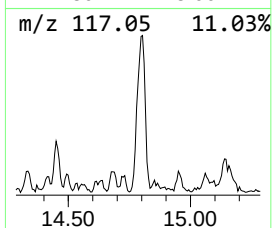
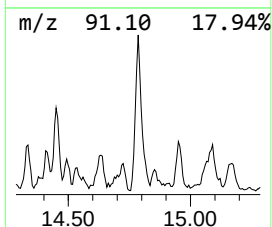
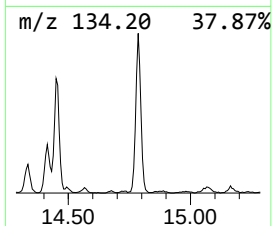
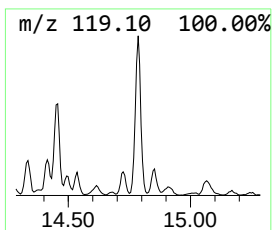
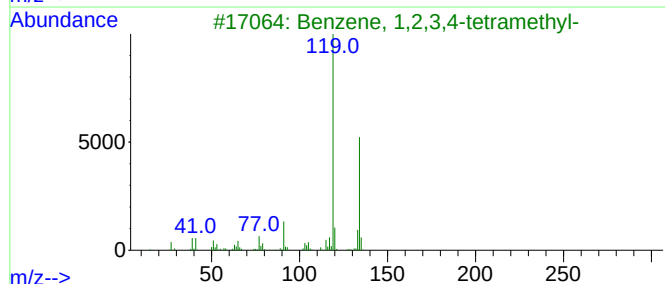
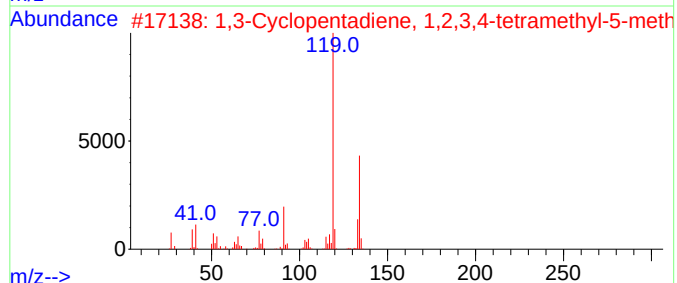
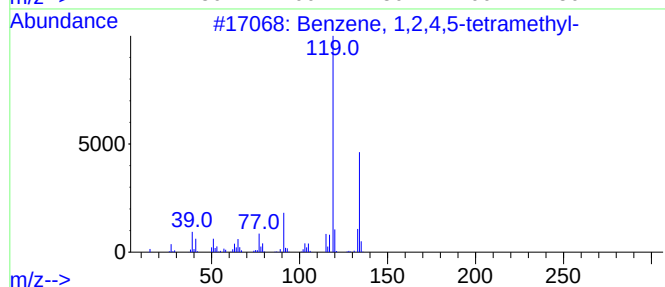
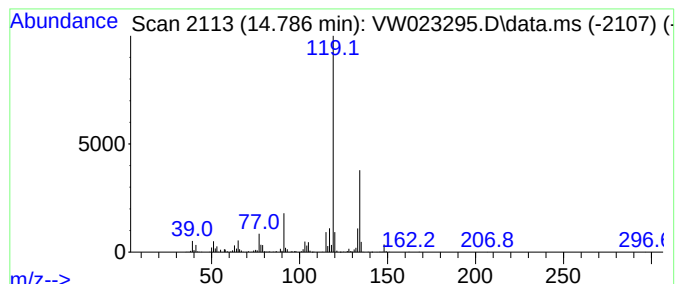
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	20.62 ug/L	585845	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

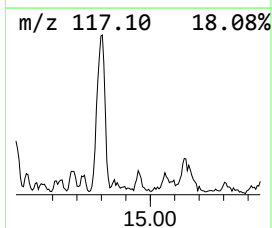
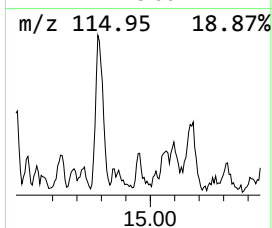
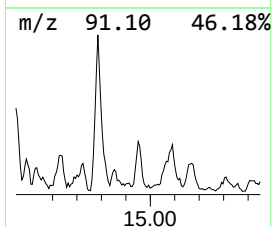
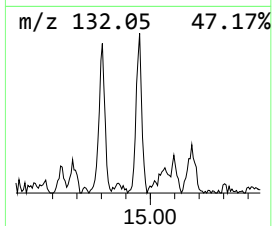
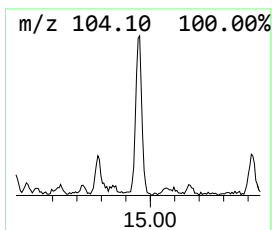
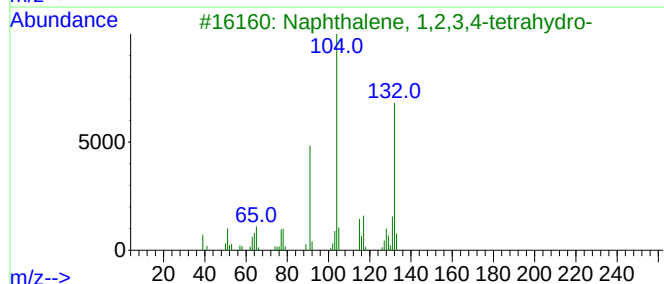
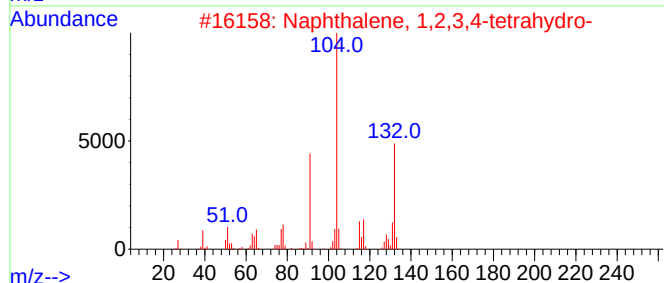
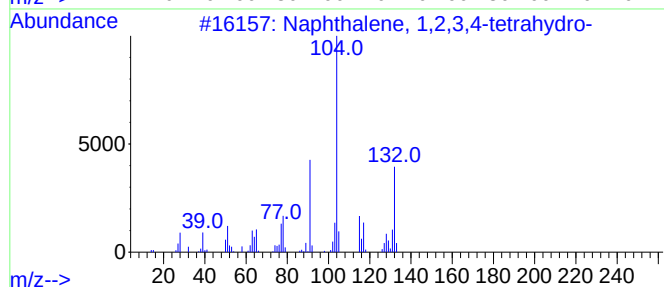
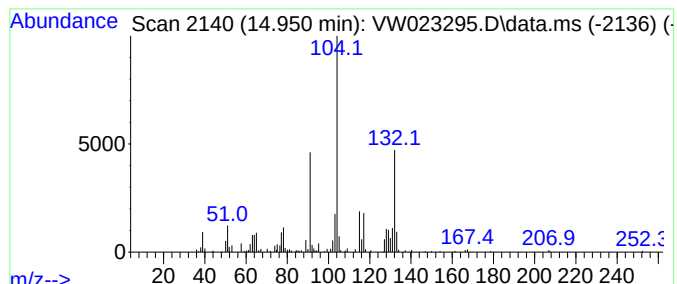
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Quant Title : SFAM01.0

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

Peak Number 27 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	2.54 ug/L	72264	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	90
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

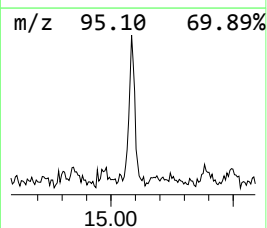
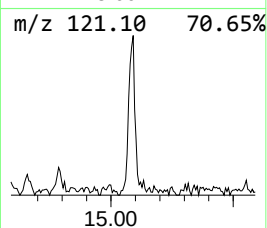
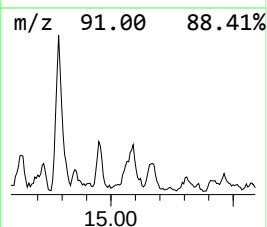
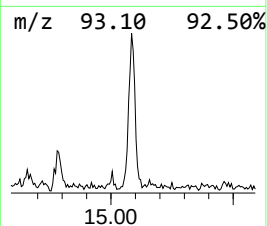
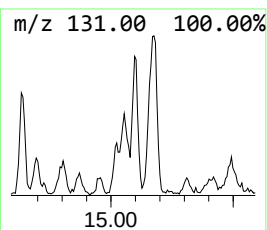
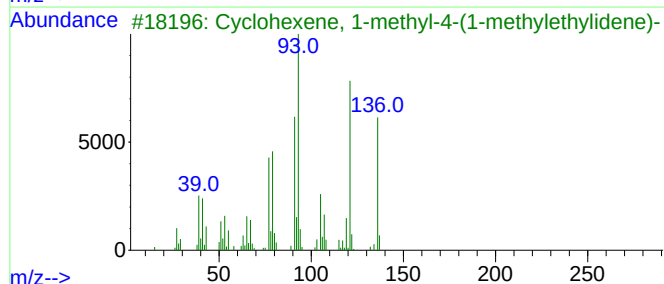
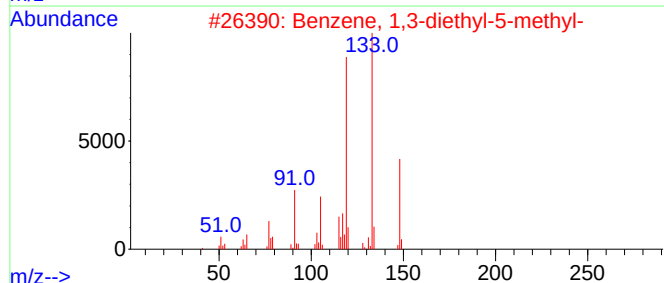
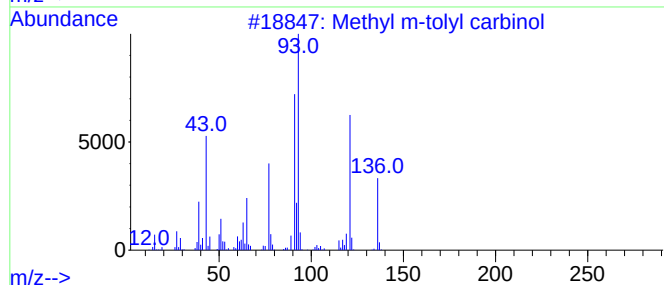
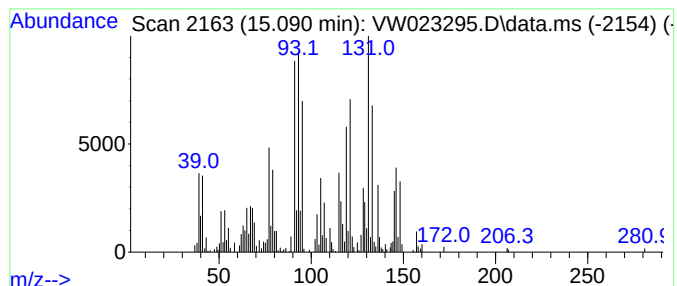
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Quant Title : SFAM01.0

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

Peak Number 28 Methyl m-tolyl carbinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.090	8.68 ug/L	246664	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl m-tolyl carbinol	136	C9H12O	1010342-29-9	53
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	40
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	40
4			4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	38
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

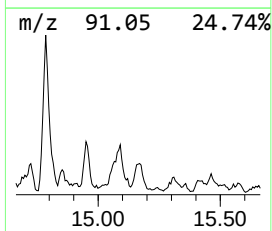
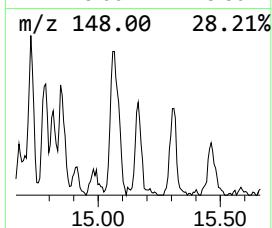
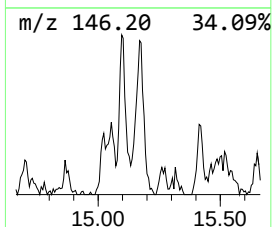
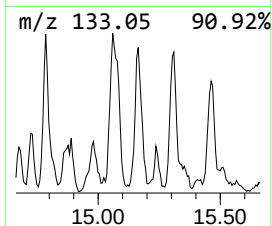
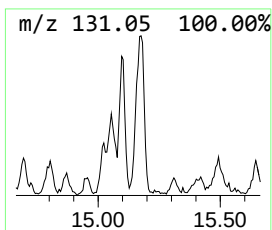
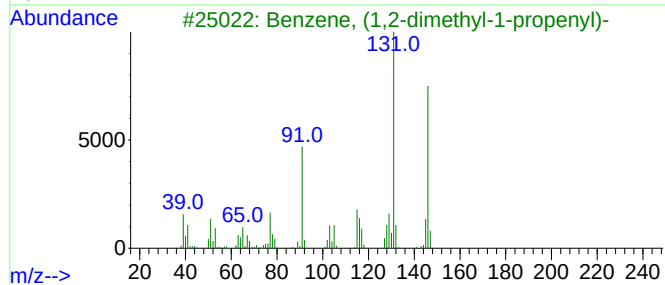
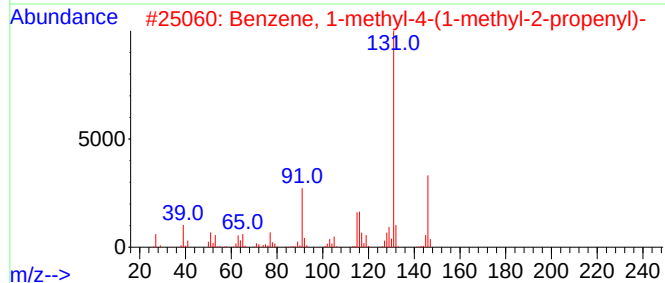
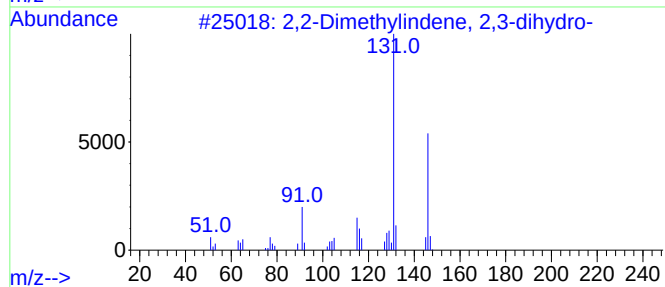
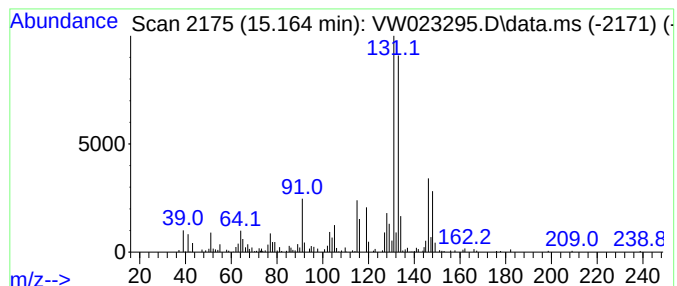
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Quant Title : SFAM01.0

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

Peak Number 29 2,2-Dimethylindene, 2,3-dih... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	5.21 ug/L	148092	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
2			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

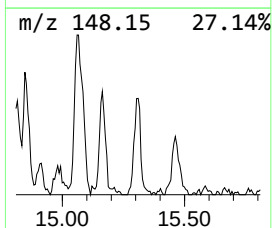
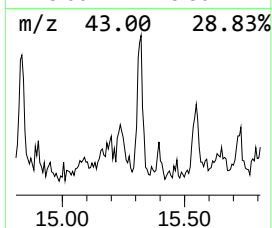
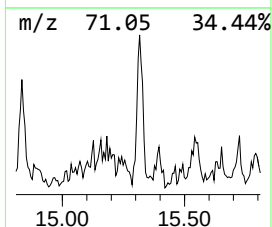
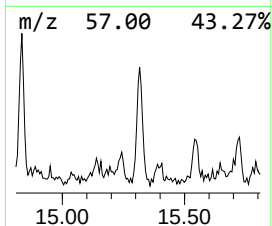
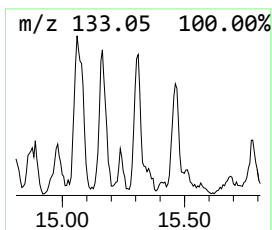
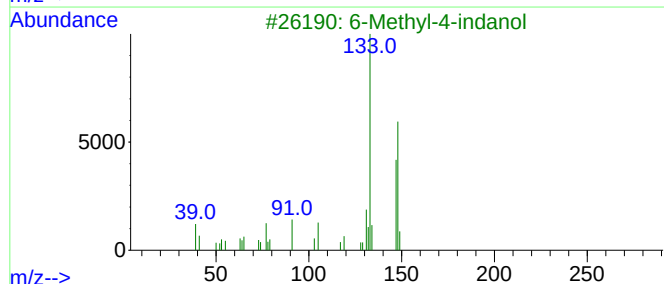
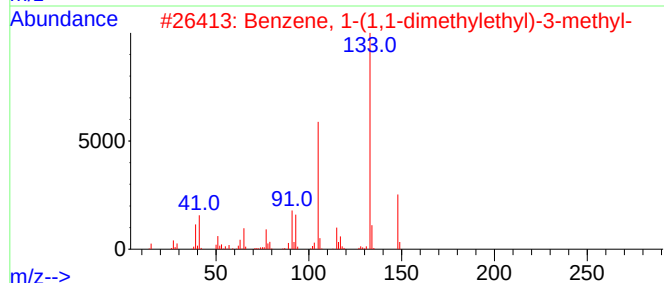
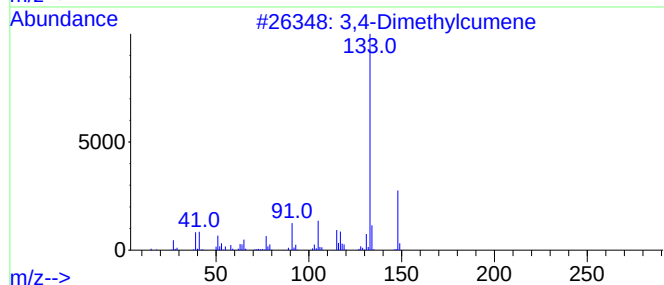
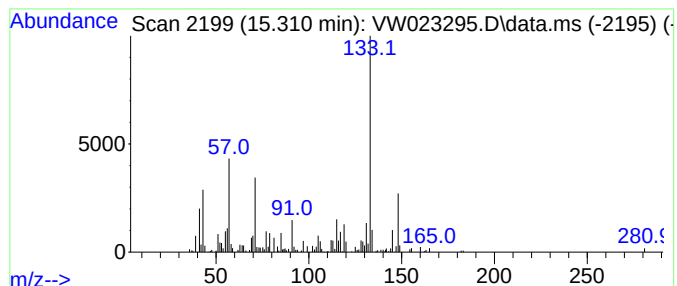
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Quant Title : SFAM01.0

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

Peak Number 30 3,4-Dimethylcumene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	2.82 ug/L	80248	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
2			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	70
3			6-Methyl-4-indanol	148	C10H12O	020294-32-0	68
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
5			4-tert-Butyltoluene	148	C11H16	000098-51-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

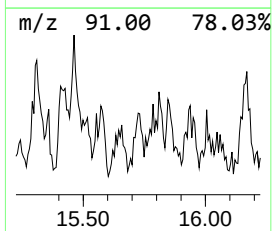
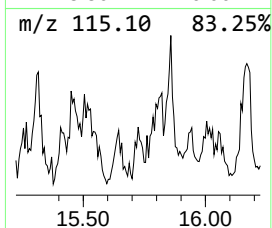
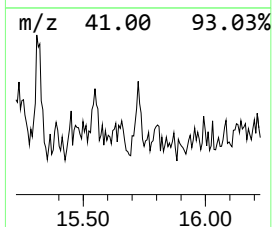
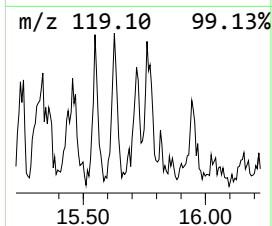
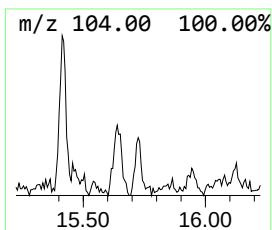
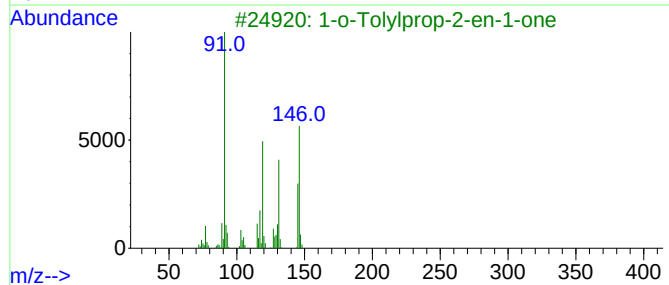
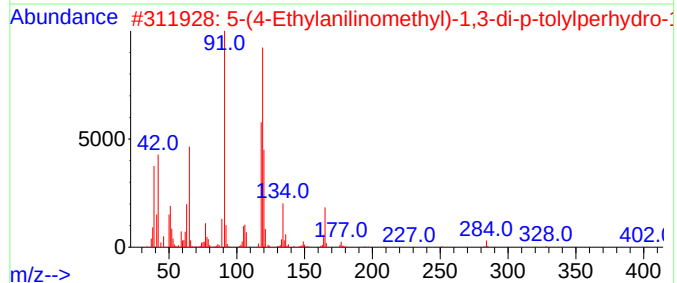
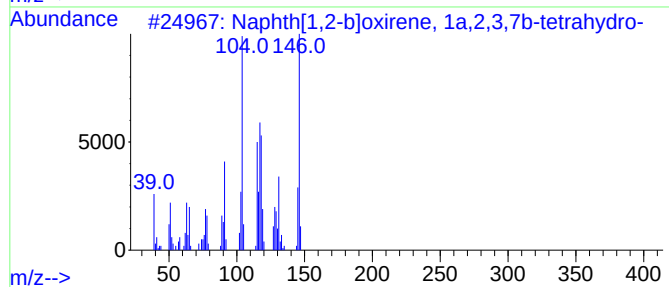
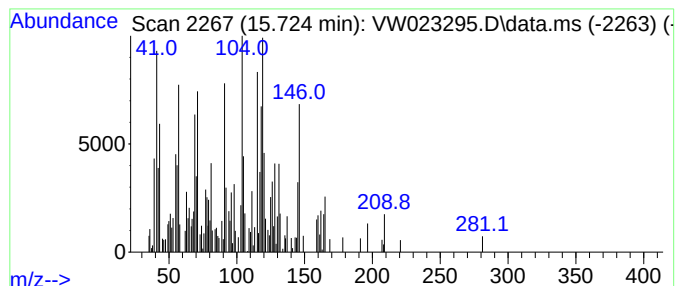
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Quant Title : SFAM01.0

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

Peak Number 31 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	1.35 ug/L	38361	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43
2			5-(4-Ethylanilinomethyl)-1,3-di-...	417	C26H32N3P	1000224-27-5	22
3			1-o-Tolylprop-2-en-1-one	146	C10H10O	039627-60-6	18
4			Benzene, 1-butyryl-	130	C10H10O	000622-76-4	15
5			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023295.D
Acq On : 25 May 2022 01:38
Operator : SY/VA
Sample : N2995-08
Misc : 2.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

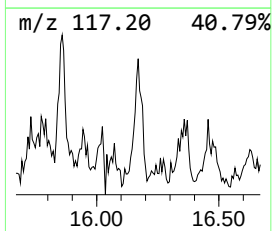
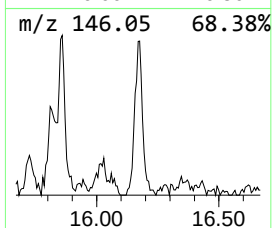
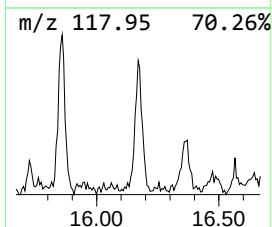
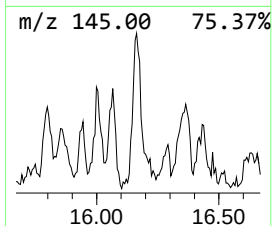
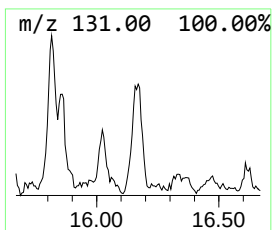
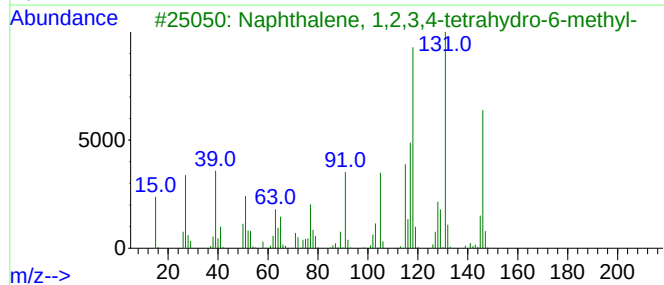
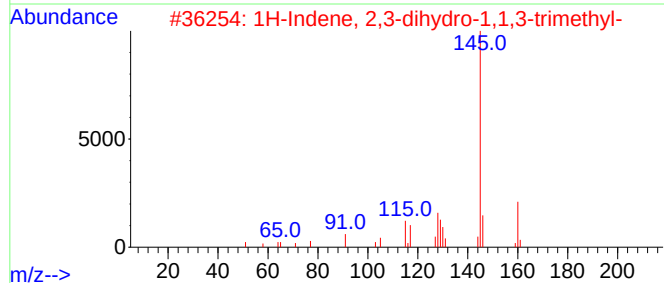
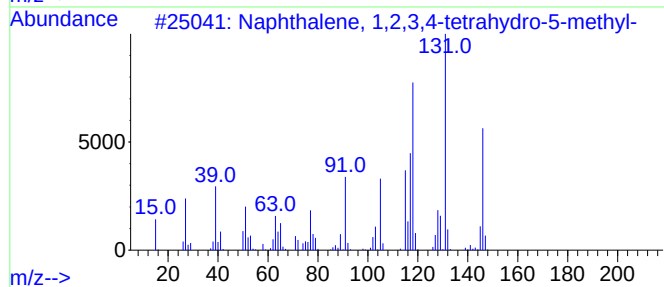
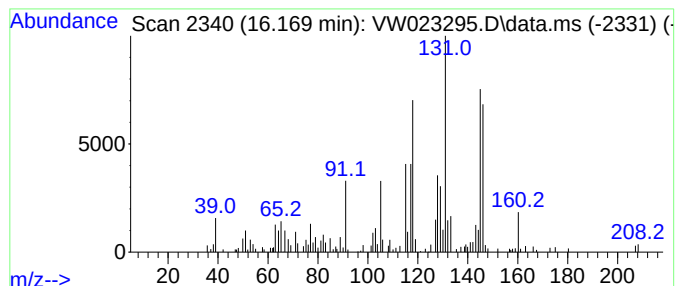
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Quant Title : SFAM01.0

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

Peak Number 32 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	4.73 ug/L	134331	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
4			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	55
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023295.D
 Acq On : 25 May 2022 01:38
 Operator : SY/VA
 Sample : N2995-08
 Misc : 2.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.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: C...	12.140	1.9	ug/L	56465	2	11.628	752396	25.0
Bicyclo[3.3.1]n...	12.341	3.3	ug/L	99244	2	11.628	752396	25.0
(DEL) Alkane: S...	12.780	2.7	ug/L	76028	3	13.554	710163	25.0
Benzene, 1-ethy...	12.865	1.8	ug/L	49922	3	13.554	710163	25.0
Benzene, 1-ethy...	13.097	2.6	ug/L	75383	3	13.554	710163	25.0
(DEL) Alkane: S...	13.164	1.7	ug/L	47137	3	13.554	710163	25.0
p-Cymene	13.438	4.1	ug/L	116667	3	13.554	710163	25.0
Benzene, 1-meth...	13.743	2.7	ug/L	77922	3	13.554	710163	25.0
Benzene, 2-ethy...	13.786	5.4	ug/L	153378	3	13.554	710163	25.0
Benzene, 1-meth...	13.944	3.2	ug/L	90501	3	13.554	710163	25.0
Benzene, 4-ethy...	14.005	2.2	ug/L	62705	3	13.554	710163	25.0
o-Cymene	14.091	5.1	ug/L	144332	3	13.554	710163	25.0
Benzene, 1-ethy...	14.200	7.3	ug/L	208456	3	13.554	710163	25.0
Benzene, 1-ethy...	14.335	4.6	ug/L	131067	3	13.554	710163	25.0
unknown-01	14.383	2.2	ug/L	61516	3	13.554	710163	25.0
Benzene, 1,2,3,...	14.414	3.9	ug/L	109560	3	13.554	710163	25.0
Benzene, 1-ethy...	14.450	8.4	ug/L	237651	3	13.554	710163	25.0
Benzene, 1,3-di...	14.493	2.9	ug/L	82232	3	13.554	710163	25.0
Benzene, 1-meth...	14.536	4.0	ug/L	112841	3	13.554	710163	25.0
1H-Indene, 2,3-...	14.633	2.3	ug/L	64899	3	13.554	710163	25.0
Benzene, 1-meth...	14.719	3.0	ug/L	85655	3	13.554	710163	25.0
Benzene, 1,2,4,...	14.786	20.6	ug/L	585845	3	13.554	710163	25.0
Naphthalene, 1,...	14.950	2.5	ug/L	72264	3	13.554	710163	25.0
Methyl m-tolyl ...	15.090	8.7	ug/L	246664	3	13.554	710163	25.0
2,2-Dimethylind...	15.164	5.2	ug/L	148092	3	13.554	710163	25.0
3,4-Dimethylcumene	15.310	2.8	ug/L	80248	3	13.554	710163	25.0
unknown-02	15.725	1.4	ug/L	38361	3	13.554	710163	25.0
Naphthalene, 1,...	16.169	4.7	ug/L	134331	3	13.554	710163	25.0