

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
 Data File : VW023038.D
 Acq On : 13 May 2022 19:35
 Operator : SY/VA
 Sample : N2766-22
 Misc : 6.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H2

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: VW023038.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	6	10	15	rBV4	8009	11805	1.14%	0.089%
2	2.178	41	45	49	rBV2	4514	5880	0.57%	0.044%
3	2.349	65	73	81	rBV2	99772	210720	20.31%	1.582%
4	2.495	94	97	101	rVB	12717	15118	1.46%	0.114%
5	2.885	155	161	172	rVB	65452	138583	13.36%	1.041%
6	3.538	264	268	270	rBV5	1304	1571	0.15%	0.012%
7	3.836	314	317	321	rVV5	1132	1627	0.16%	0.012%
8	4.019	336	347	359	rBV	94292	291311	28.08%	2.187%
9	4.202	371	377	387	rVB2	15372	42543	4.10%	0.319%
10	4.385	396	407	418	rBV	33802	105350	10.15%	0.791%
11	4.922	482	495	505	rBV3	14696	54034	5.21%	0.406%
12	5.007	508	509	513	rVB4	1860	2040	0.20%	0.015%
13	5.165	527	535	536	rBV6	1702	3555	0.34%	0.027%
14	5.184	536	538	543	rVV6	2529	3063	0.30%	0.023%
15	5.769	631	634	635	rBV2	1359	1626	0.16%	0.012%
16	5.940	654	662	672	rVV7	7137	22226	2.14%	0.167%
17	6.214	696	707	718	rBV2	52741	162757	15.69%	1.222%
18	6.976	828	832	835	rBV5	1756	2447	0.24%	0.018%
19	7.092	841	851	867	rBV6	31636	123141	11.87%	0.925%
20	7.506	913	919	920	rBV4	2486	4545	0.44%	0.034%
21	7.677	933	947	959	rBV2	184549	474264	45.71%	3.561%
22	7.854	972	976	977	rBV3	1201	1734	0.17%	0.013%
23	7.945	985	991	992	rBV6	3066	4665	0.45%	0.035%
24	8.275	1035	1045	1061	rVV2	336877	1037548	100.00%	7.791%
25	8.555	1088	1091	1095	rBV7	2794	4978	0.48%	0.037%
26	8.842	1128	1138	1147	rBV	406816	786034	75.76%	5.902%
27	9.079	1169	1177	1200	rVB3	255470	600381	57.87%	4.508%
28	9.274	1200	1209	1217	rBV	250664	508810	49.04%	3.820%
29	9.512	1244	1248	1252	rBV5	1069	1565	0.15%	0.012%
30	9.610	1258	1264	1267	rBV8	1710	3359	0.32%	0.025%
31	9.658	1270	1272	1277	rVB7	1327	2411	0.23%	0.018%
32	9.726	1278	1283	1288	rVV8	3585	6920	0.67%	0.052%
33	9.884	1305	1309	1314	rVV8	1703	2822	0.27%	0.021%
34	9.951	1318	1320	1323	rVV4	1487	1775	0.17%	0.013%
35	10.036	1327	1334	1341	rVV	98772	188033	18.12%	1.412%
36	10.134	1345	1350	1355	rVB7	4325	8681	0.84%	0.065%

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 Title : SFAM01.0

37	10.213	1355	1363	1369	rBV2	8465	18322	1.77%	0.138%
38	10.323	1373	1381	1387	rBV	449677	786661	75.82%	5.907%
39	10.384	1387	1391	1404	rVB	34594	64137	6.18%	0.482%
40	10.506	1404	1411	1416	rBV8	4781	8556	0.82%	0.064%
41	10.579	1416	1423	1431	rBV	75936	133350	12.85%	1.001%
42	10.701	1438	1443	1448	rVB3	12563	21955	2.12%	0.165%
43	10.841	1462	1466	1467	rBV3	1424	1769	0.17%	0.013%
44	10.927	1473	1480	1490	rBV4	131751	273012	26.31%	2.050%
45	11.067	1501	1503	1510	rVB6	5268	6805	0.66%	0.051%
46	11.225	1526	1529	1534	rVB4	3804	6175	0.60%	0.046%
47	11.280	1534	1538	1542	rBV7	2519	4360	0.42%	0.033%
48	11.341	1544	1548	1551	rVB5	1913	3085	0.30%	0.023%
49	11.408	1554	1559	1563	rBV7	3038	6488	0.63%	0.049%
50	11.512	1572	1576	1579	rBV5	3165	5300	0.51%	0.040%
51	11.628	1588	1595	1606	rBV	521443	898197	86.57%	6.744%
52	11.731	1606	1612	1617	rVV	24130	43977	4.24%	0.330%
53	11.835	1620	1629	1639	rVV	70051	143117	13.79%	1.075%
54	11.908	1639	1641	1648	rVB6	3662	4889	0.47%	0.037%
55	12.164	1672	1683	1691	rBV	39257	77157	7.44%	0.579%
56	12.249	1691	1697	1701	rVB5	7463	13480	1.30%	0.101%
57	12.341	1701	1712	1715	rBV5	10791	28488	2.75%	0.214%
58	12.463	1727	1732	1738	rBV4	9852	21092	2.03%	0.158%
59	12.536	1742	1744	1747	rVV3	3651	4171	0.40%	0.031%
60	12.609	1751	1756	1760	rBV6	12819	20834	2.01%	0.156%
61	12.792	1780	1786	1792	rVB2	11971	28879	2.78%	0.217%
62	12.865	1792	1798	1801	rBV	39654	67038	6.46%	0.503%
63	12.938	1805	1810	1815	rVB2	58494	114681	11.05%	0.861%
64	13.103	1832	1837	1843	rVB	27974	47488	4.58%	0.357%
65	13.164	1843	1847	1852	rVB4	11236	16985	1.64%	0.128%
66	13.249	1855	1861	1866	rBV	133330	204663	19.73%	1.537%
67	13.377	1879	1882	1887	rVB	15630	23333	2.25%	0.175%
68	13.438	1888	1892	1897	rVV3	32308	53569	5.16%	0.402%
69	13.487	1897	1900	1905	rVB3	18126	30350	2.93%	0.228%
70	13.554	1905	1911	1921	rBV2	493057	916527	88.34%	6.882%
71	13.713	1934	1937	1939	rBV4	13915	17944	1.73%	0.135%
72	13.743	1939	1942	1946	rVV	39201	54674	5.27%	0.411%
73	13.786	1946	1949	1953	rVV2	47399	66903	6.45%	0.502%
74	13.853	1954	1960	1968	rVB2	365783	736931	71.03%	5.533%
75	13.944	1971	1975	1980	rVB	31588	46395	4.47%	0.348%
76	14.005	1981	1985	1987	rBV	44053	65178	6.28%	0.489%

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 Title : SFAM01.0

77	14.091	1995	1999	2007	rVB	69744	107556	10.37%	0.808%
78	14.200	2012	2017	2022	rVB2	75235	124274	11.98%	0.933%
79	14.328	2034	2038	2043	rBV3	49190	89415	8.62%	0.671%
80	14.383	2044	2047	2049	rVV3	26324	37962	3.66%	0.285%
81	14.414	2049	2052	2055	rVV	52025	78696	7.58%	0.591%
82	14.450	2055	2058	2062	rVV	101992	146152	14.09%	1.097%
83	14.493	2062	2065	2069	rVV2	37711	51183	4.93%	0.384%
84	14.542	2069	2073	2080	rVB5	26444	56421	5.44%	0.424%
85	14.688	2092	2097	2098	rBV2	20318	31154	3.00%	0.234%
86	14.719	2098	2102	2107	rVB2	122059	190396	18.35%	1.430%
87	14.786	2107	2113	2121	rBV2	288980	549890	53.00%	4.129%
88	14.950	2136	2140	2146	rBV2	54760	85448	8.24%	0.642%
89	15.060	2154	2158	2162	rBV2	52909	90965	8.77%	0.683%
90	15.170	2171	2176	2182	rVB4	65528	127483	12.29%	0.957%
91	15.316	2195	2200	2204	rBV3	64697	120925	11.65%	0.908%
92	15.414	2212	2216	2220	rBV	40135	69188	6.67%	0.520%
93	15.548	2234	2238	2247	rVB2	136972	246800	23.79%	1.853%
94	15.859	2285	2289	2295	rVB	95539	154126	14.85%	1.157%
95	16.163	2337	2339	2345	rVB2	59374	98701	9.51%	0.741%
96	16.273	2354	2357	2364	rVB3	52884	96603	9.31%	0.725%
97	16.365	2367	2372	2377	rVV2	86748	179517	17.30%	1.348%
98	16.432	2378	2383	2387	rVV	128126	261611	25.21%	1.964%
99	16.487	2388	2392	2398	rVB2	143539	256621	24.73%	1.927%
100	16.639	2412	2417	2423	rVB3	68191	141989	13.69%	1.066%

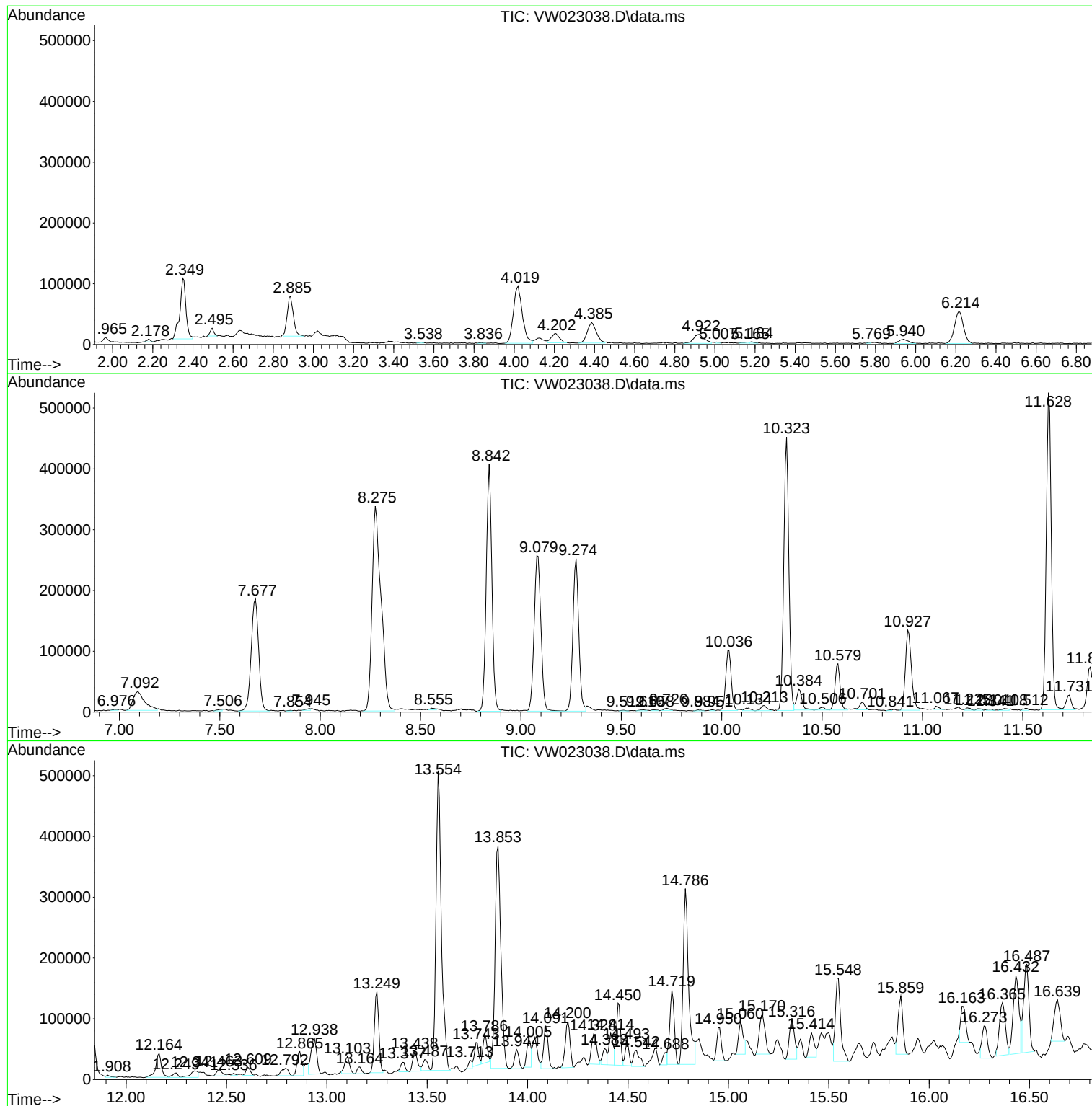
Sum of corrected areas: 13317913

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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



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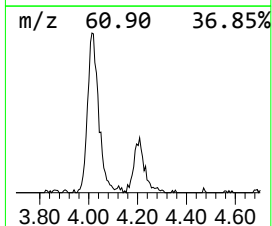
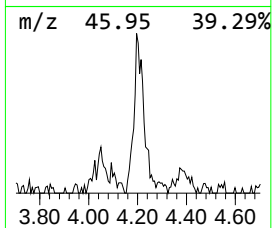
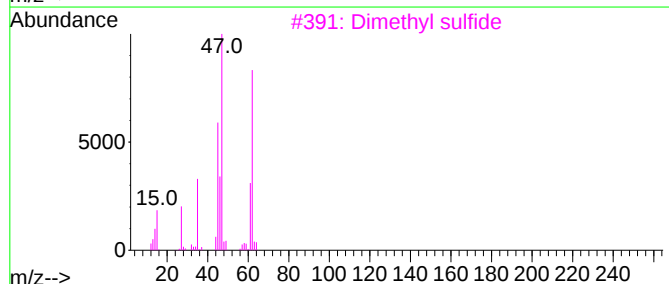
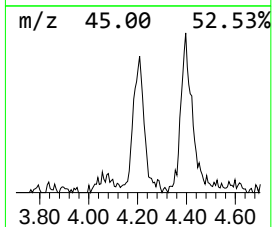
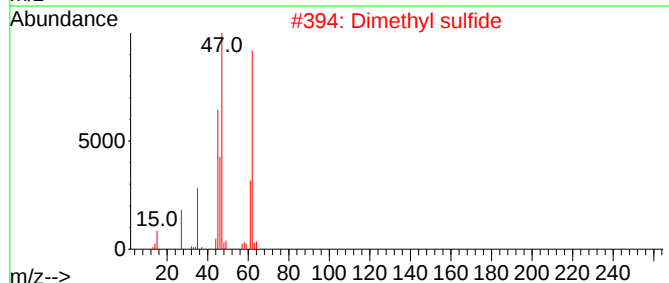
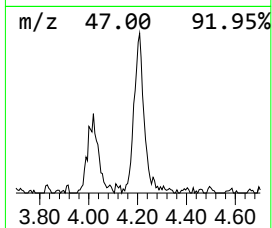
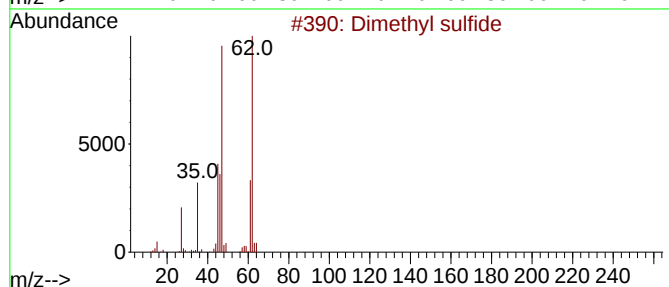
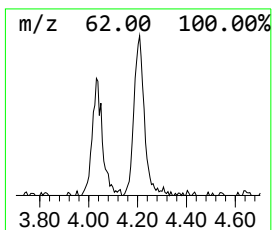
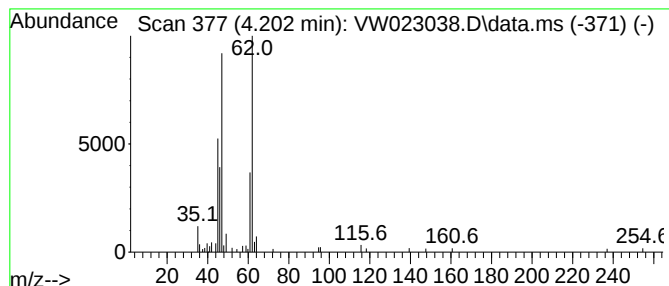
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl sulfide Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.202	1.35 ug/L	42543	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	87
5			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83



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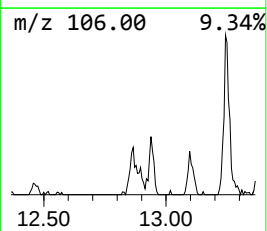
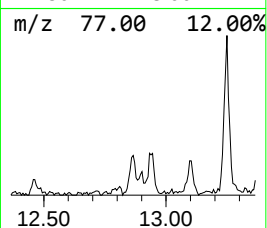
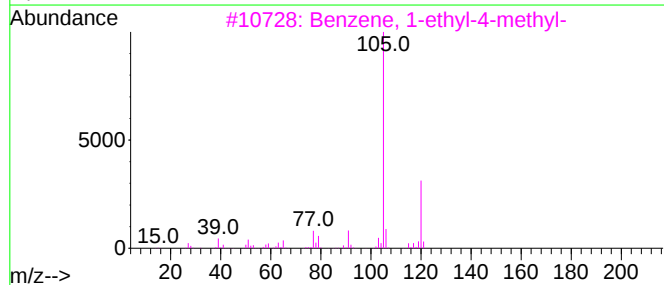
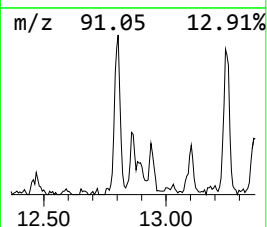
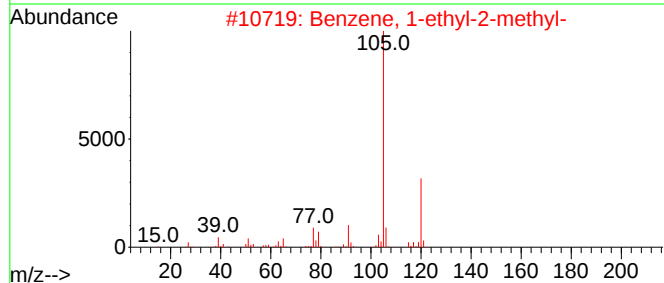
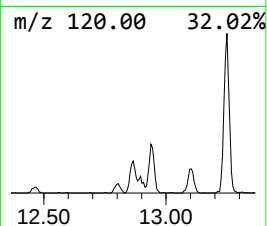
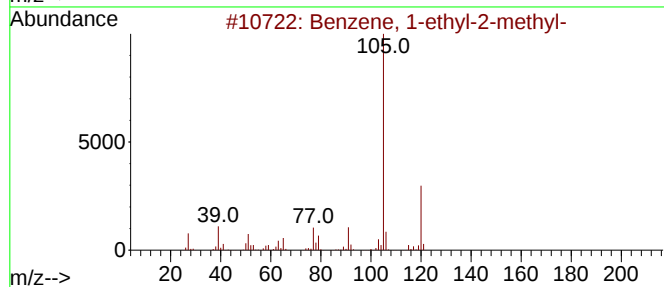
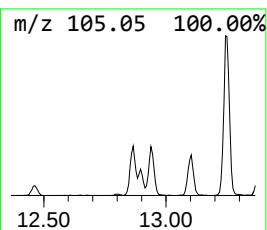
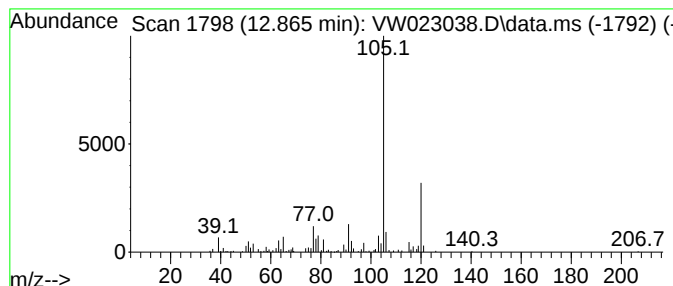
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.83 ug/L	67038	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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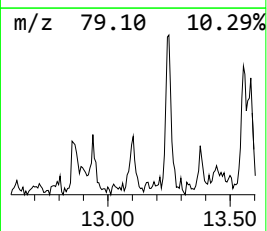
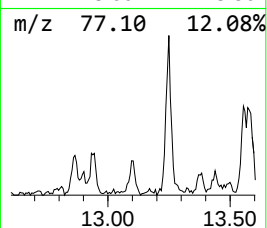
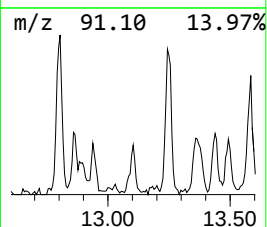
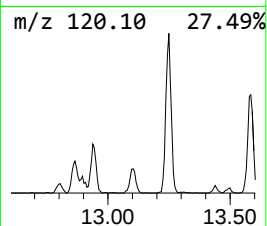
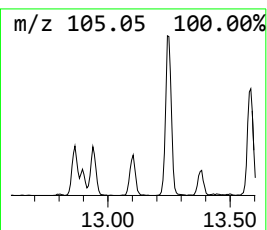
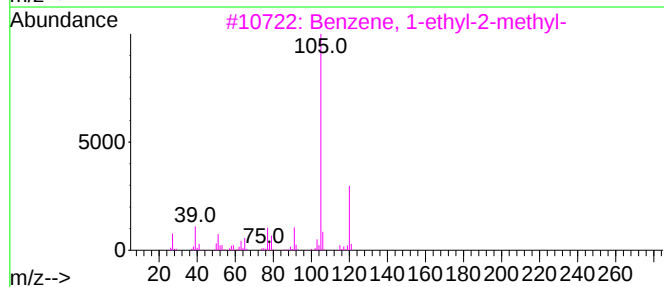
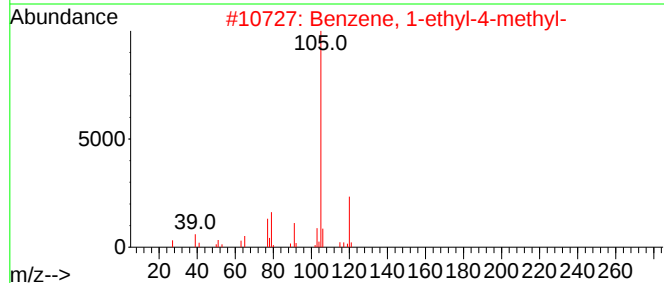
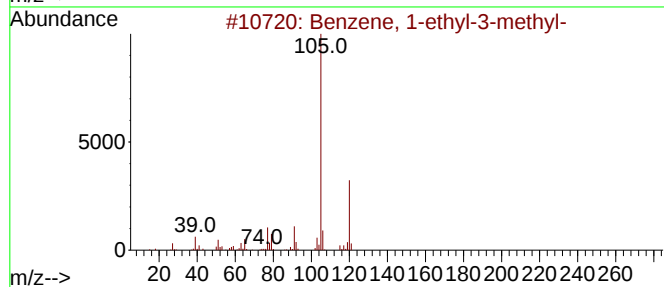
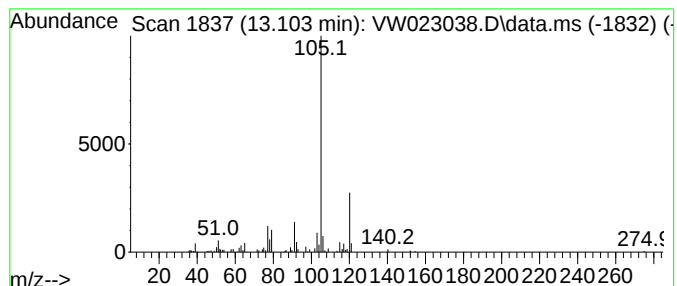
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	1.30 ug/L	47488	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	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

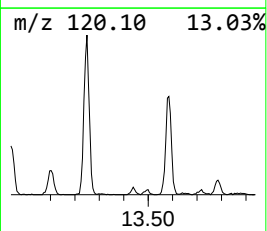
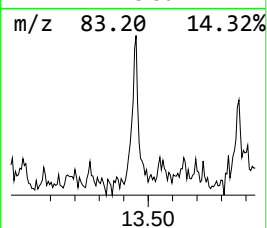
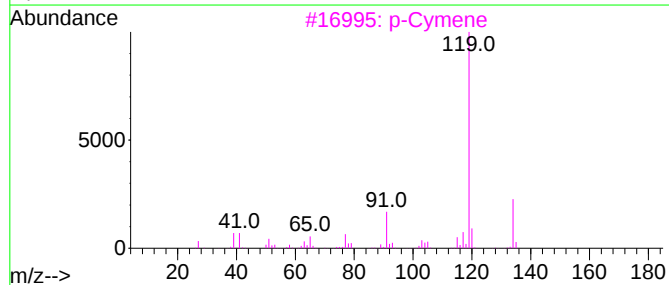
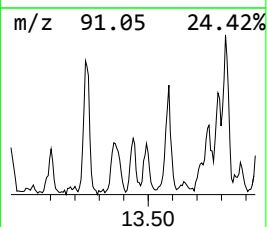
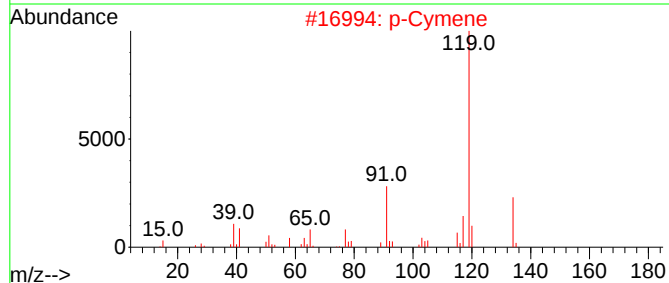
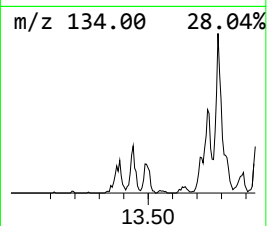
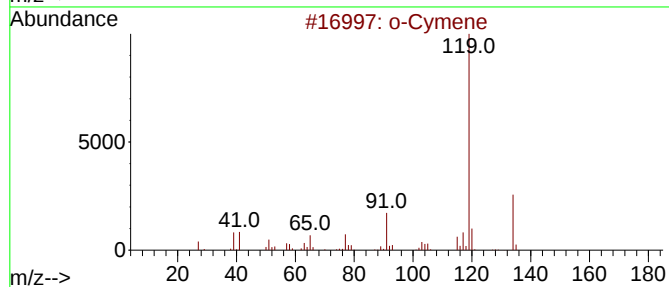
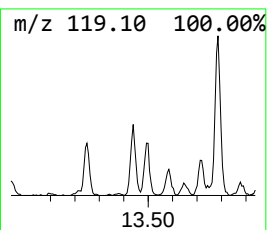
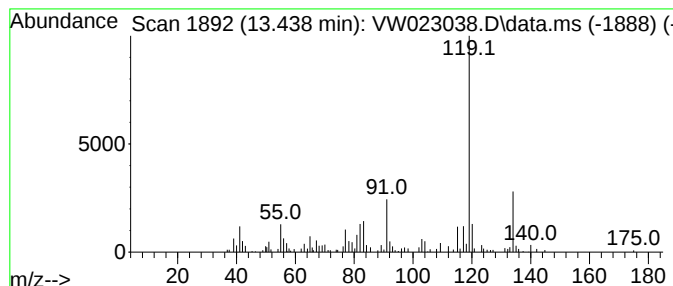
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Quant Title : SFAM01.0

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

Peak Number 6 o-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	1.46 ug/L	53569	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			p-Cymene	134	C10H14	000099-87-6	94
3			p-Cymene	134	C10H14	000099-87-6	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

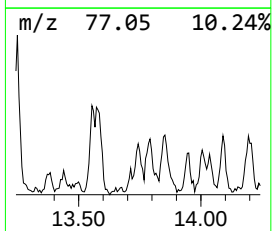
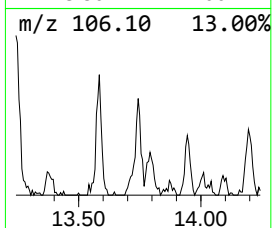
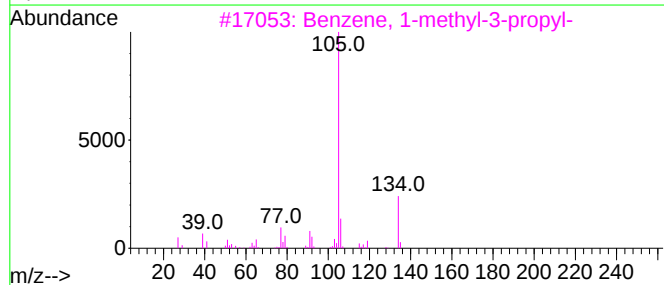
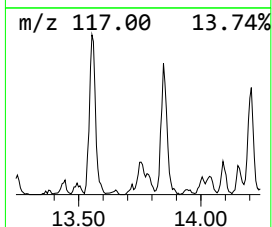
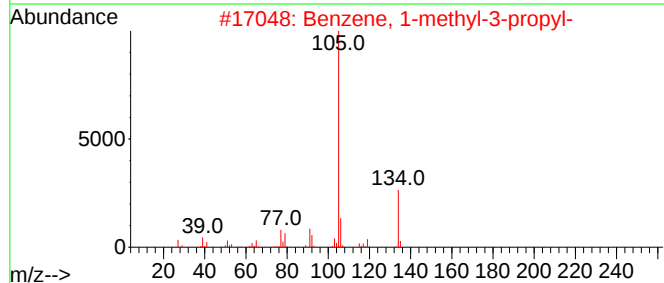
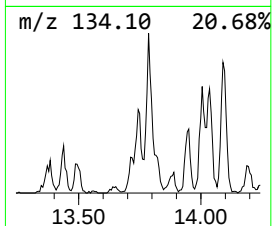
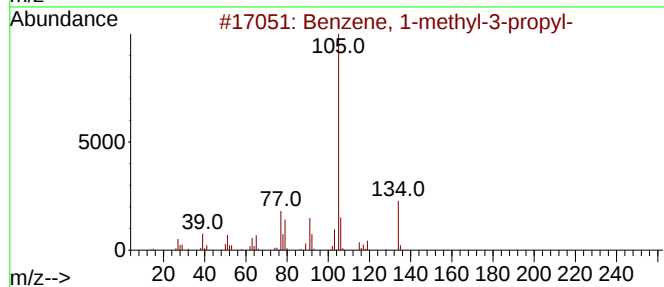
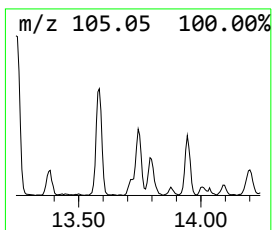
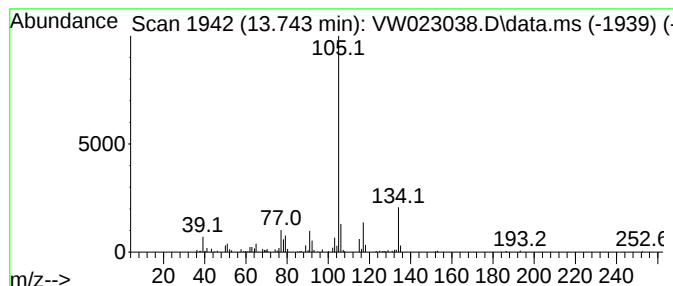
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	1.49 ug/L	54674	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	87
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

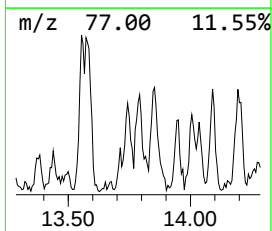
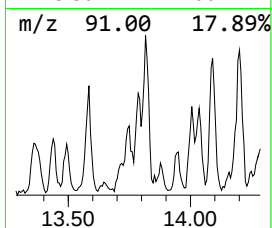
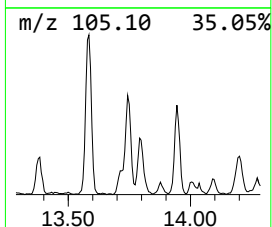
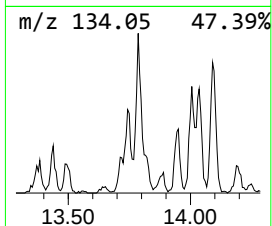
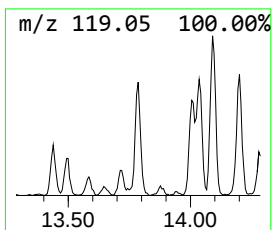
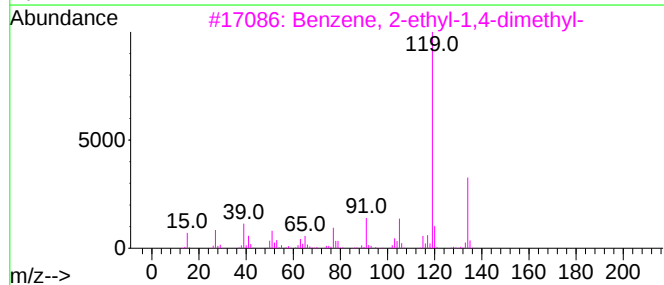
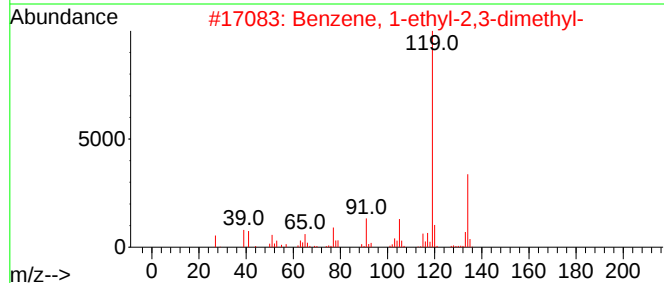
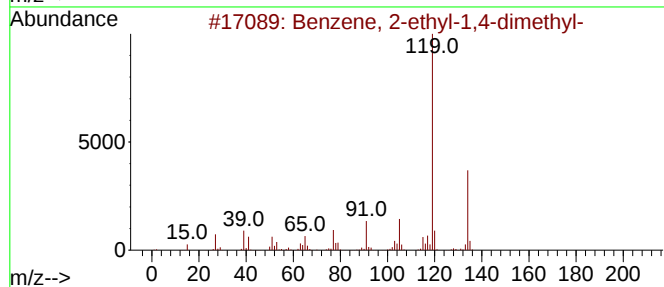
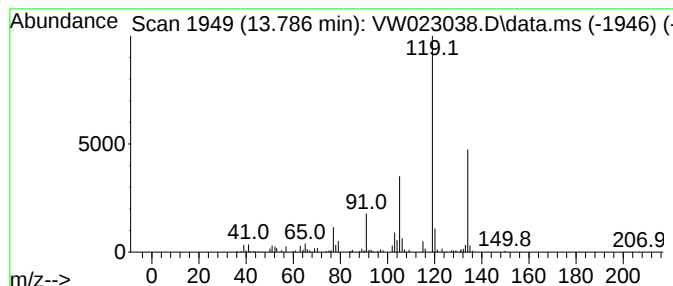
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	1.82 ug/L	66903	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	86
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

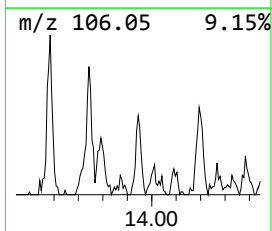
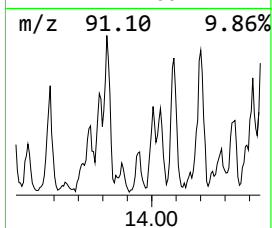
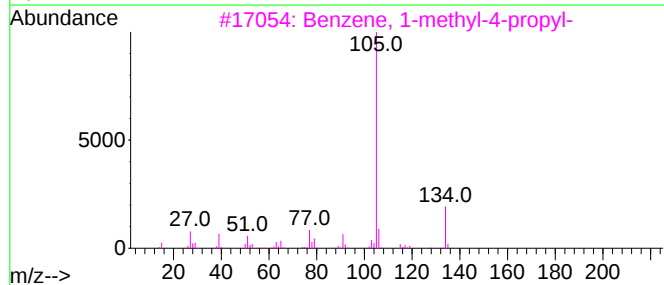
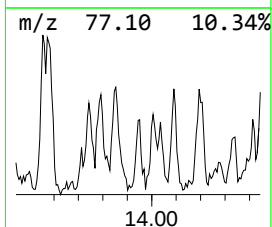
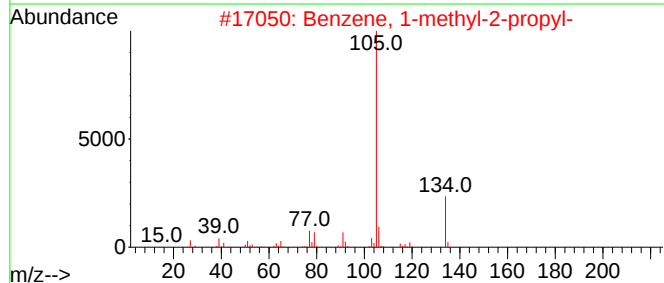
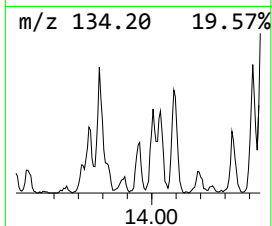
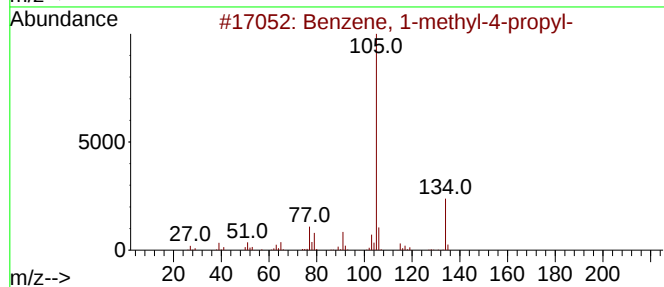
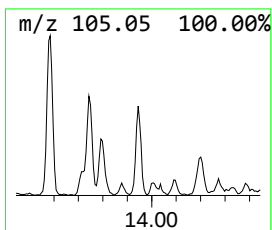
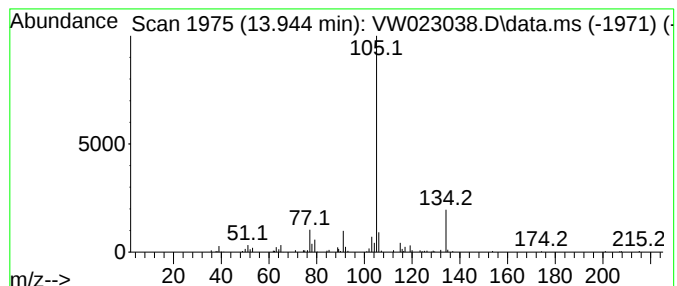
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	1.27 ug/L	46395	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	90
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

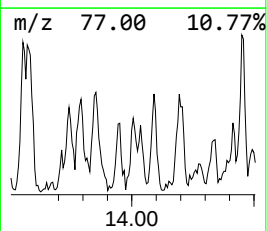
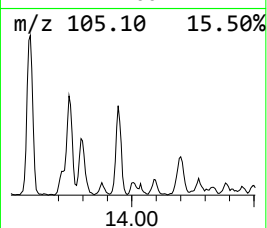
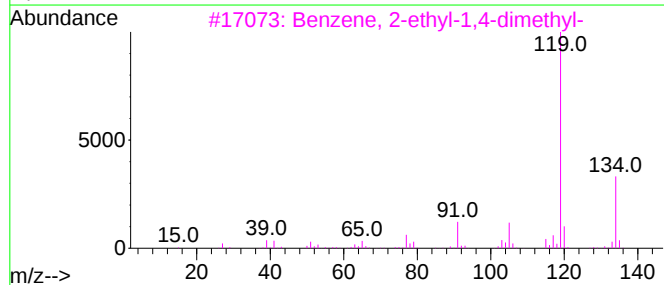
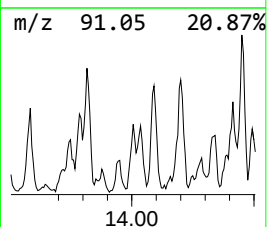
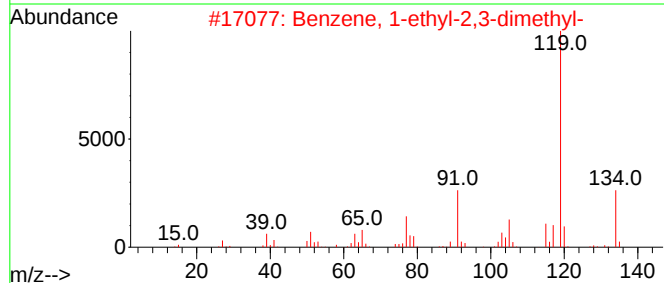
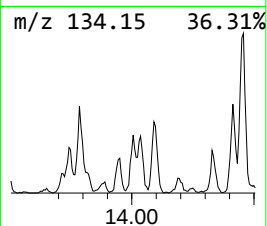
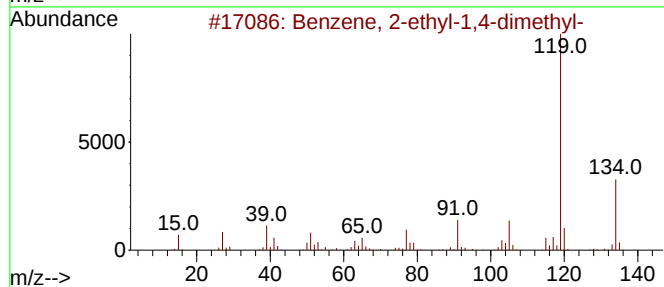
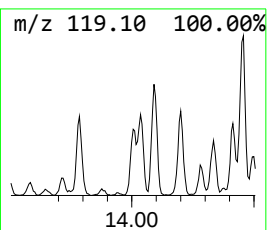
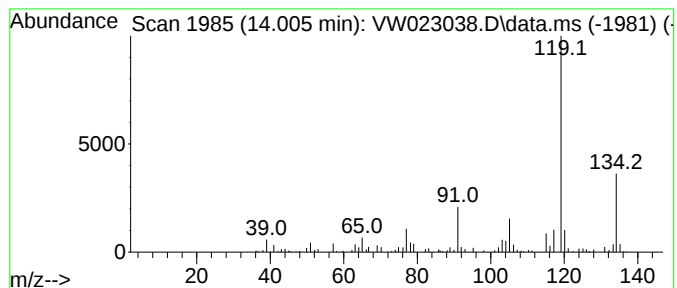
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	1.78 ug/L	65178	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

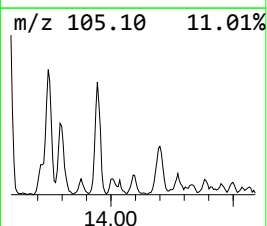
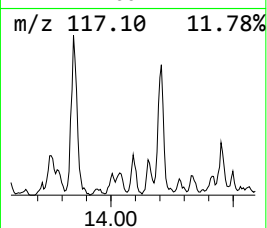
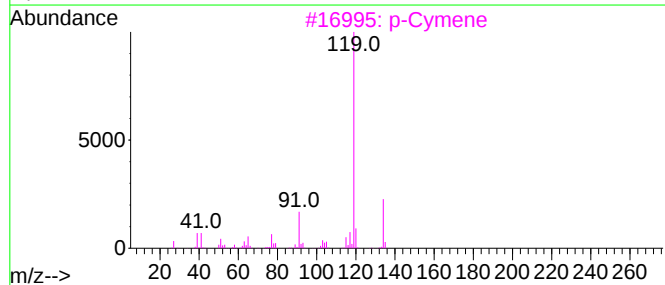
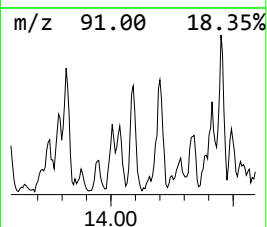
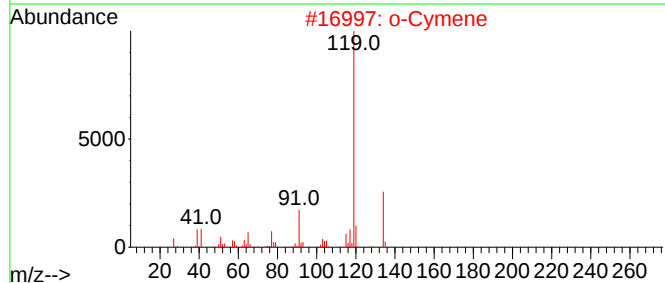
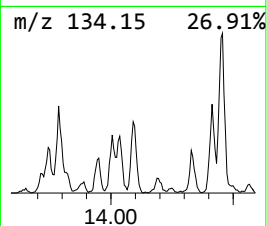
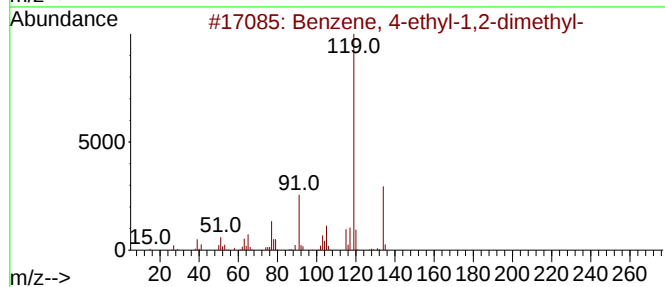
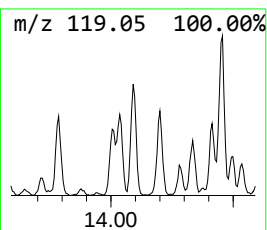
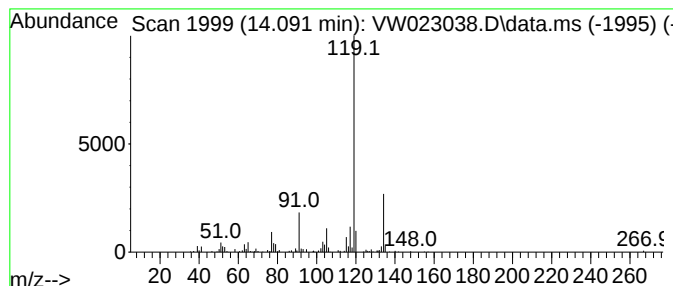
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	2.93 ug/L	107556	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	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

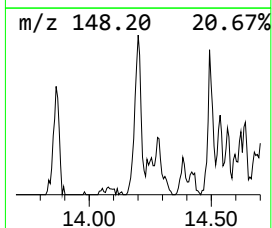
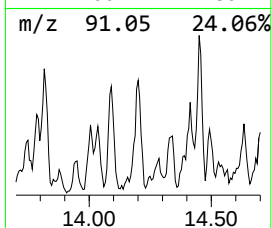
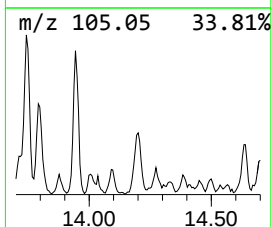
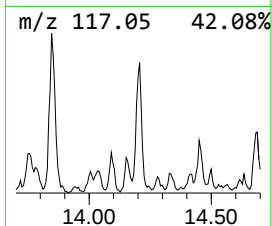
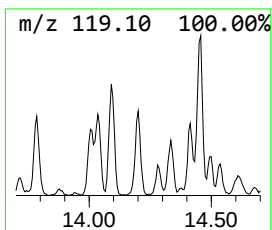
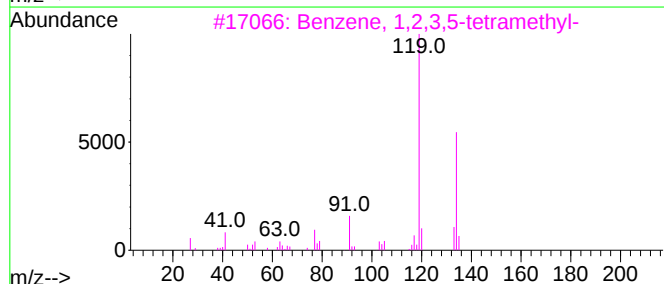
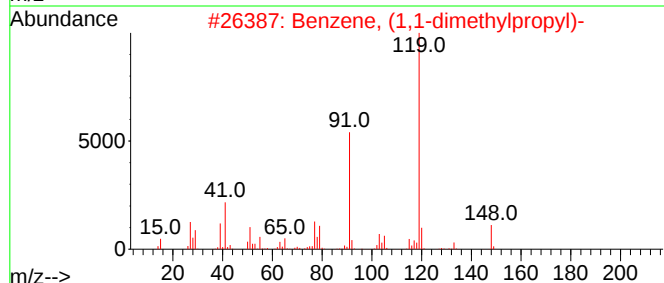
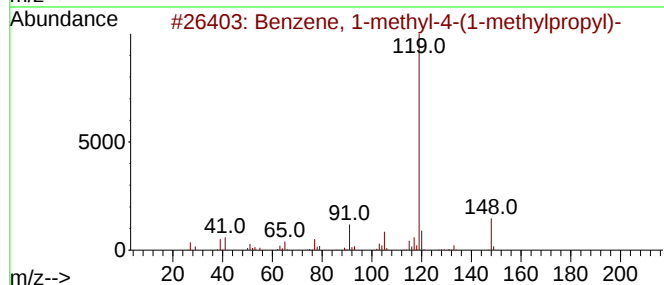
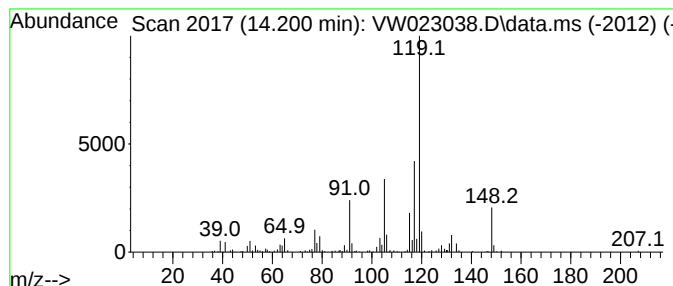
Instrument :
MSVOA_W
ClientSampleId :
EW4H2

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 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.200	3.39 ug/L	124274	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	52
2	Benzene, (1,1-dimethylpropyl)-		148	C11H16	002049-95-8	47
3	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	46
4	Cumene hydroperoxide, TMS deriva...		224	C12H20O2Si	018057-16-4	46
5	1,3,5-Cycloheptatriene, 3,7,7-tr...		134	C10H14	003479-89-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

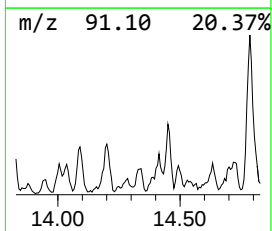
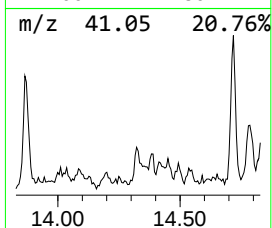
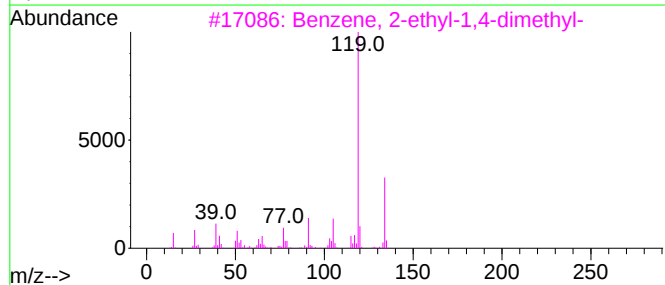
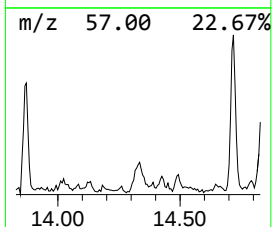
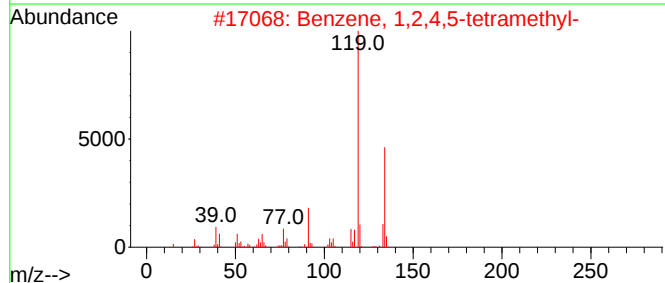
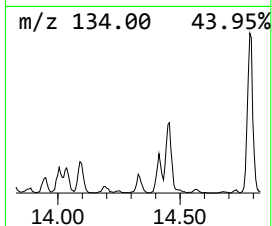
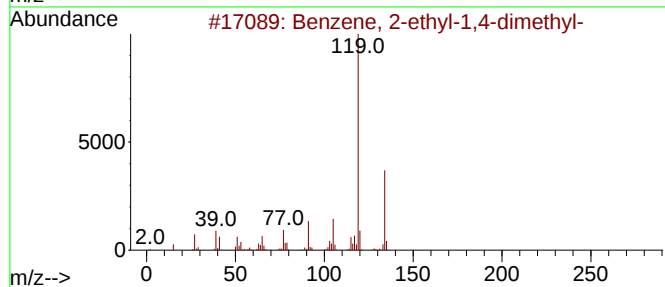
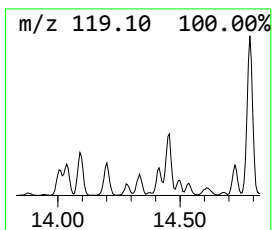
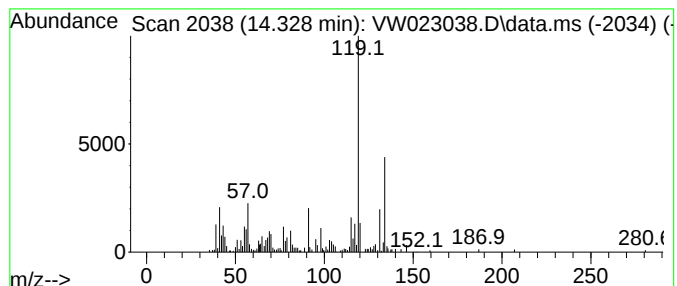
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	2.44 ug/L	89415	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	81
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

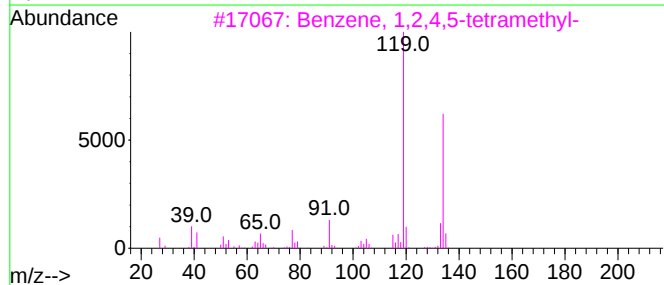
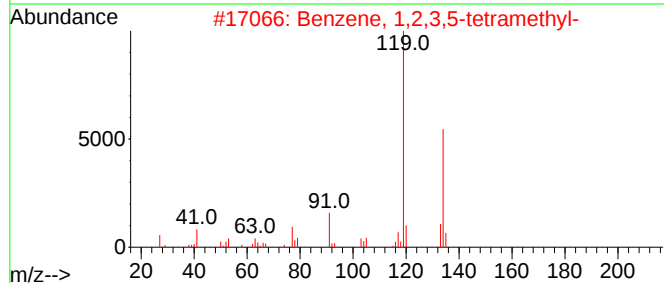
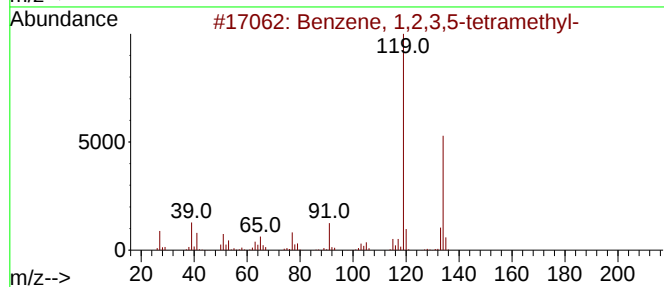
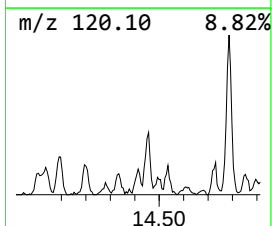
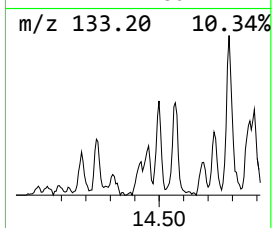
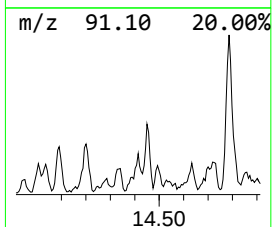
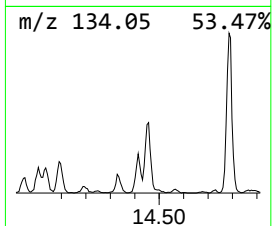
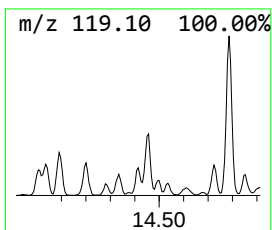
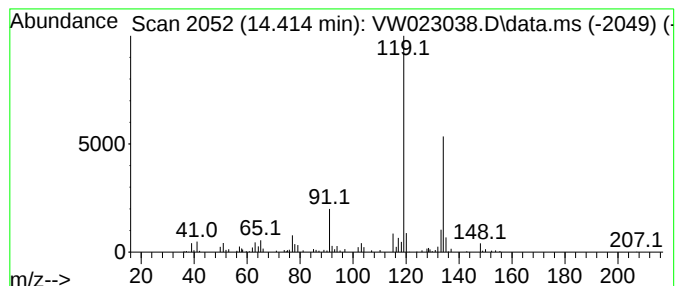
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	2.15 ug/L	78696	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

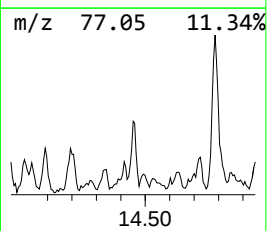
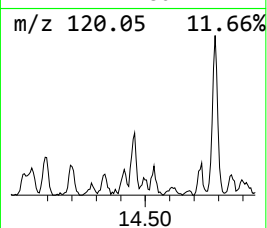
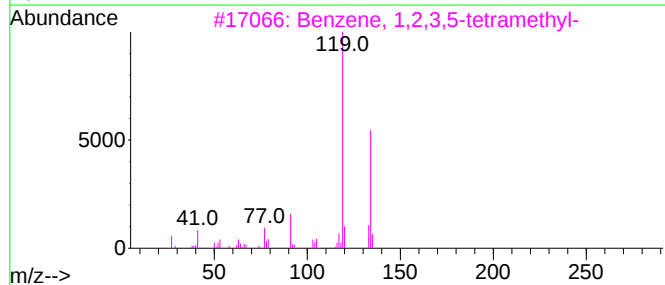
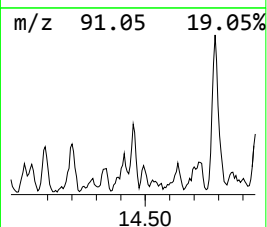
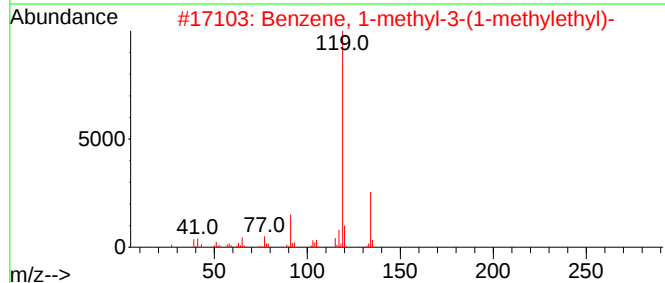
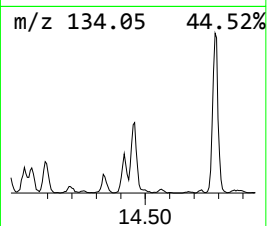
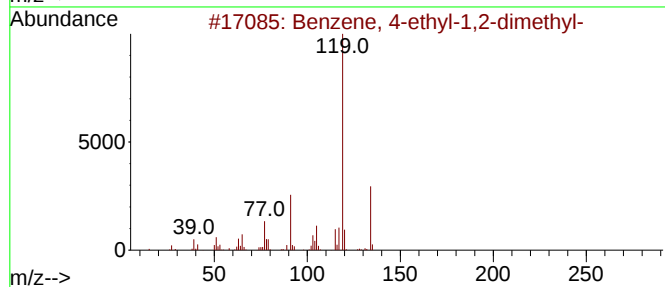
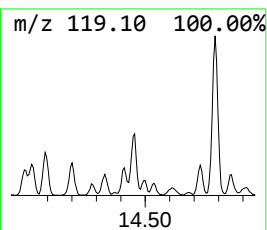
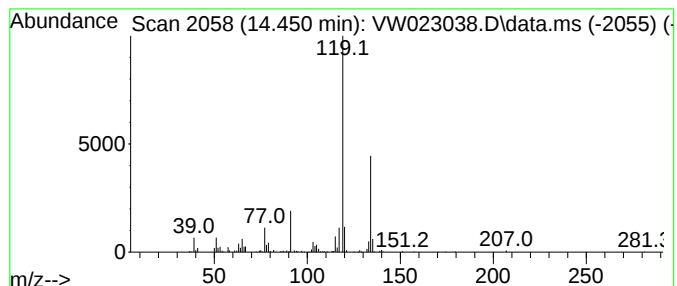
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	3.99 ug/L	146152	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	95
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

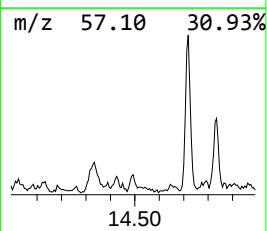
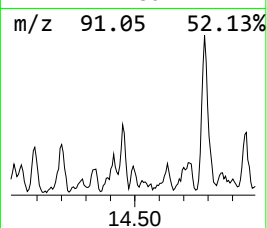
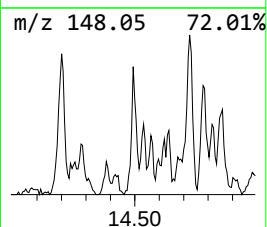
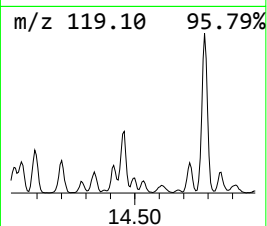
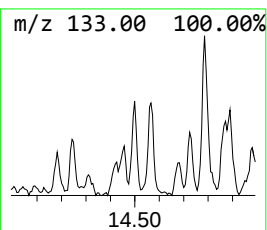
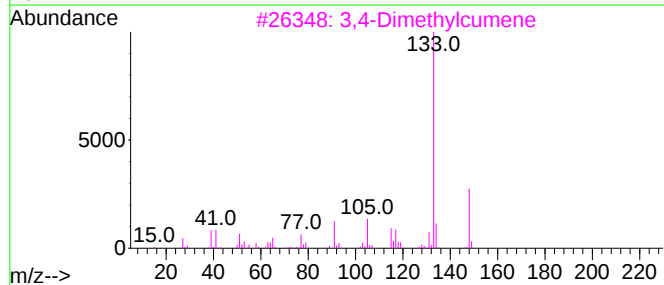
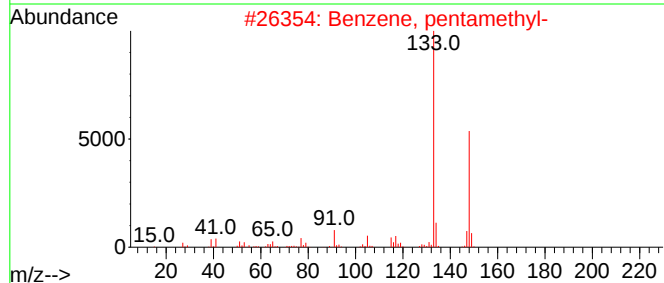
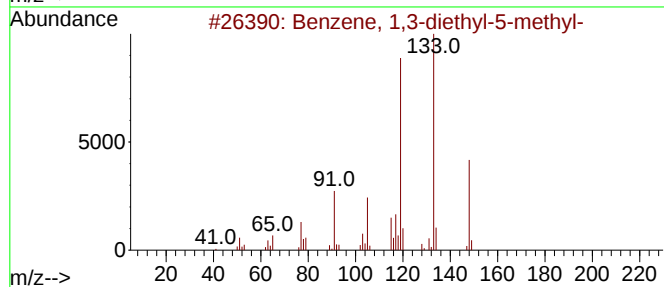
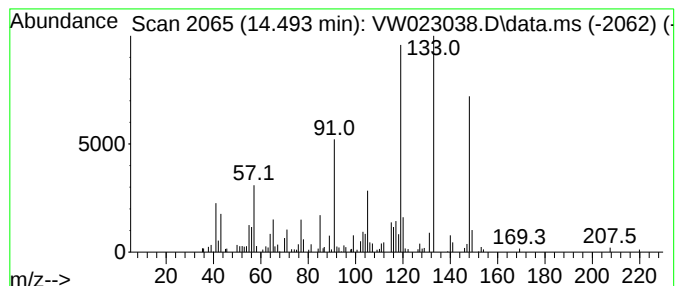
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	1.40 ug/L	51183	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, pentamethyl-	148	C11H16	000700-12-9	64
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	60
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	46
5			Benzeneacetaldehyde, .alpha.,.al...	148	C10H12O	003805-10-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

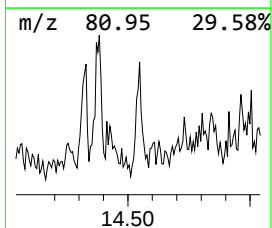
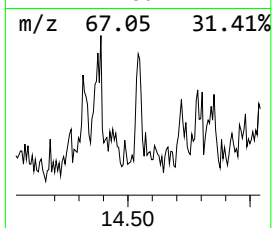
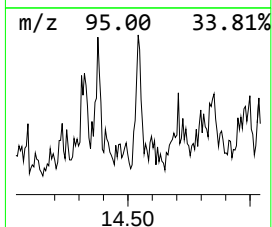
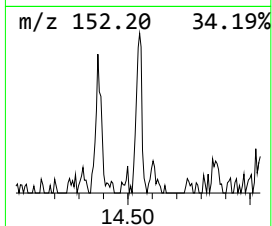
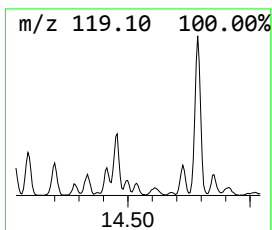
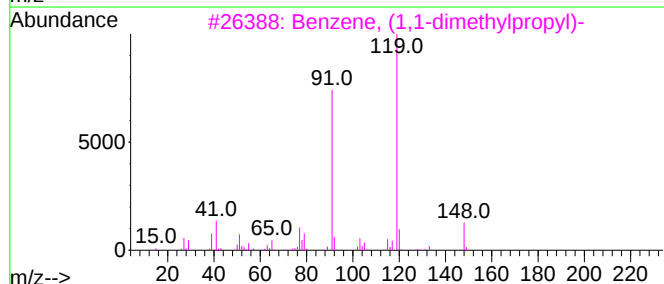
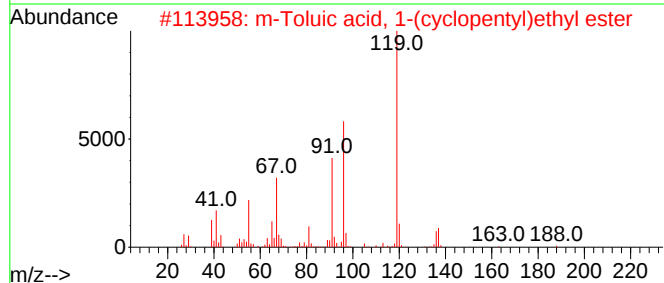
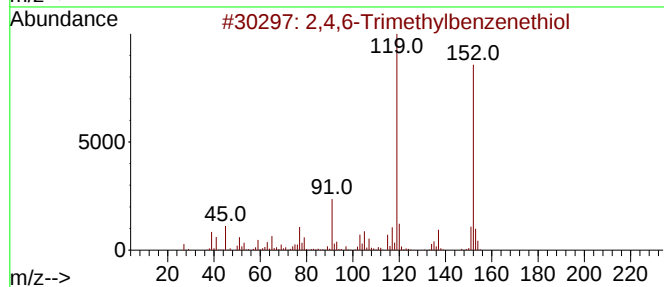
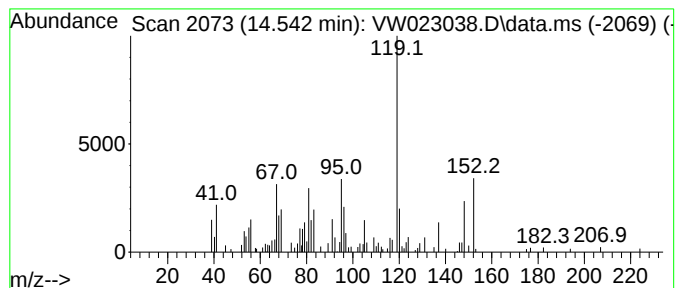
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Quant Title : SFAM01.0

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

Peak Number 17 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	1.54 ug/L	56421	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	43
2			m-Toluic acid, 1-(cyclopentyl)et...	232	C15H20O2	1000293-33-0	37
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
4			Cyclohexanol, 5-methyl-2-(1-meth...	232	C16H24O	134256-18-1	35
5			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

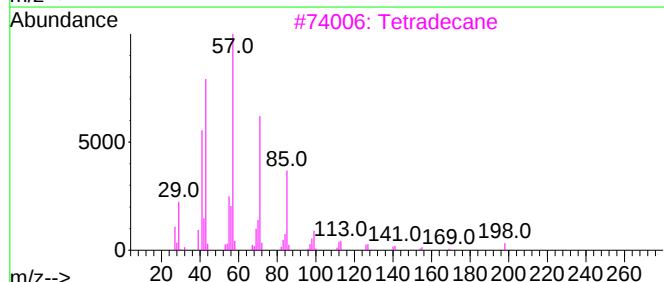
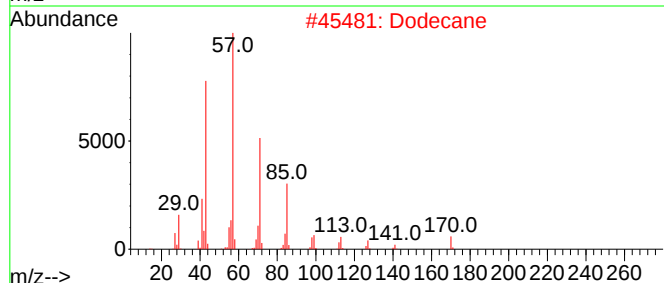
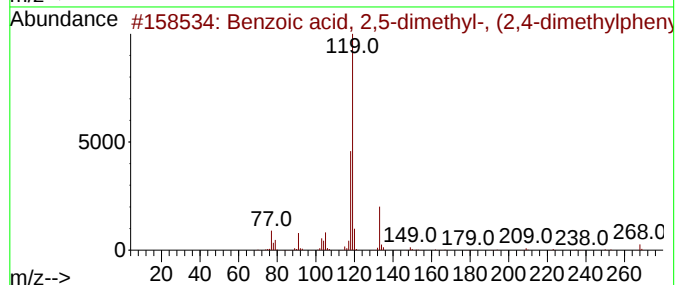
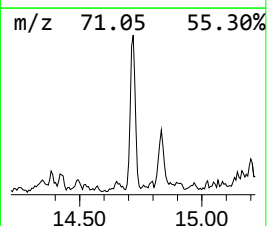
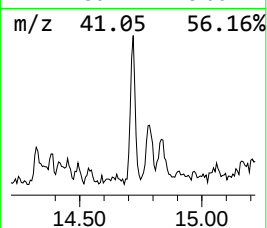
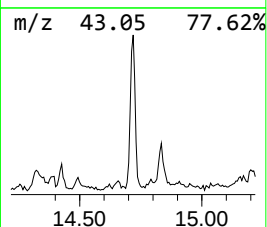
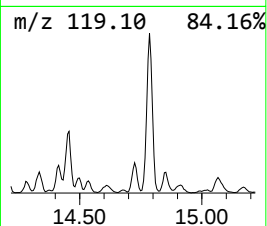
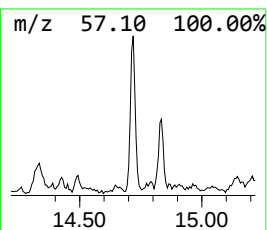
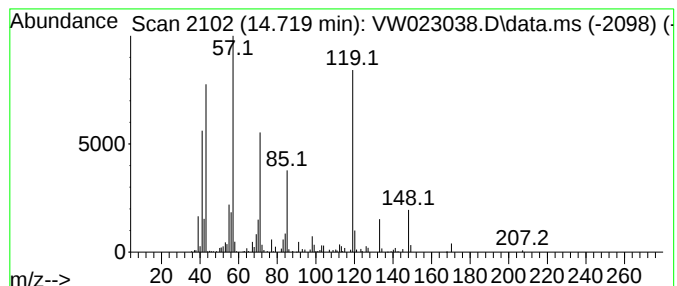
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Quant Title : SFAM01.0

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

Peak Number 18 Benzoic acid, 2,5-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	5.19 ug/L	190396	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	50
2			Dodecane	170	C12H26	000112-40-3	41
3			Tetradecane	198	C14H30	000629-59-4	30
4			Tetradecane	198	C14H30	000629-59-4	27
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

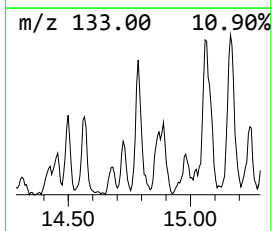
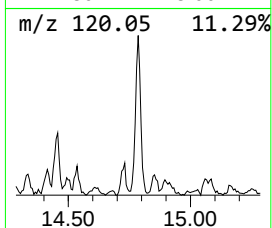
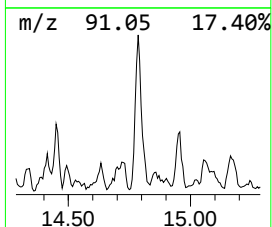
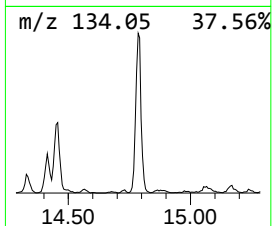
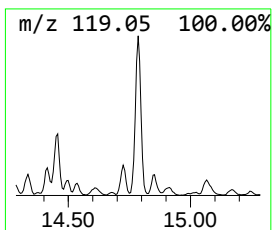
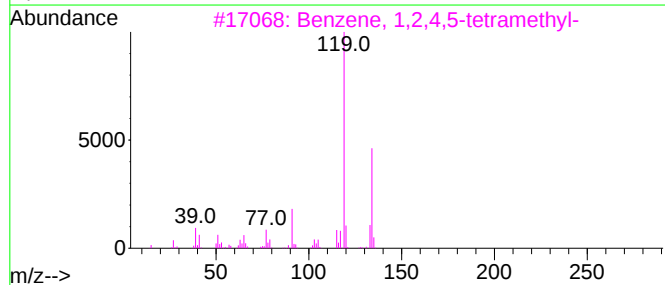
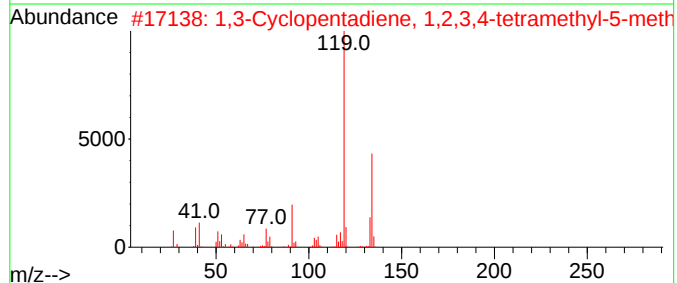
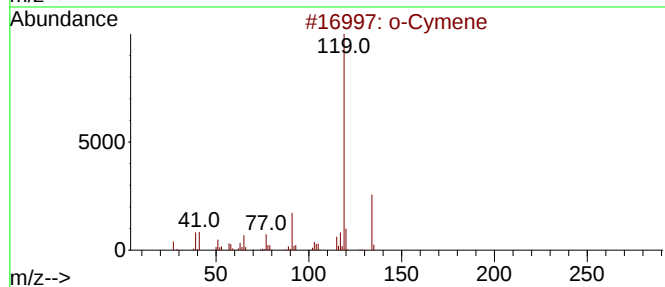
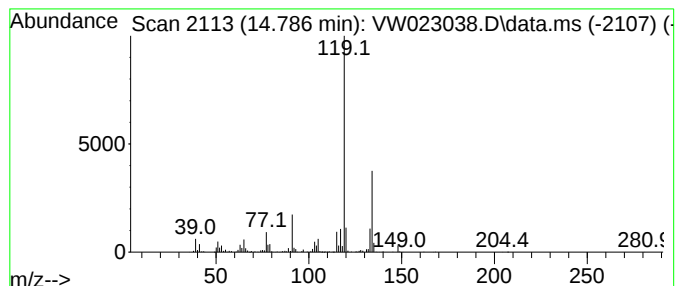
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Quant Title : SFAM01.0

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

Peak Number 19 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	15.00 ug/L	549890	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

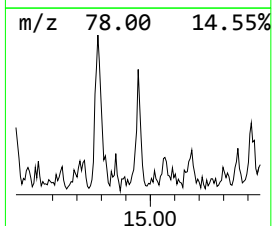
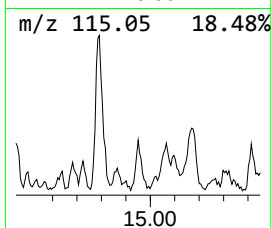
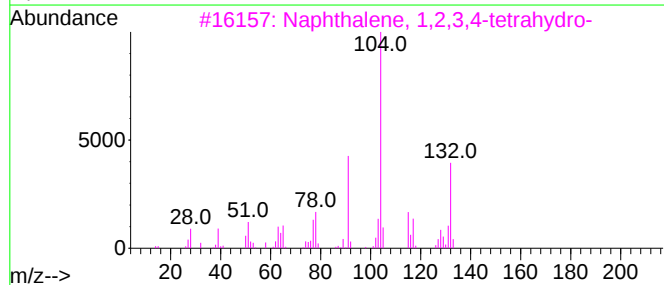
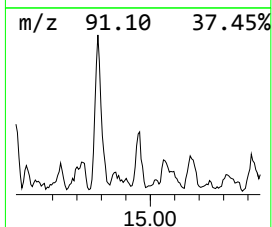
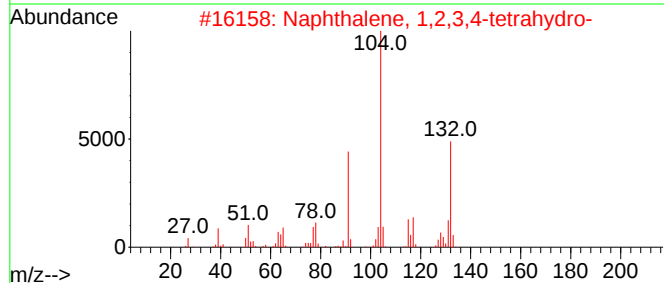
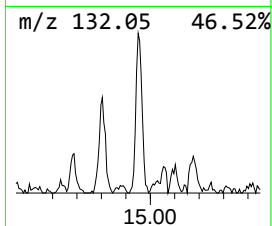
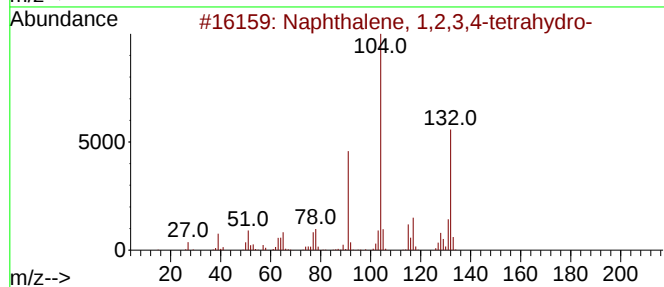
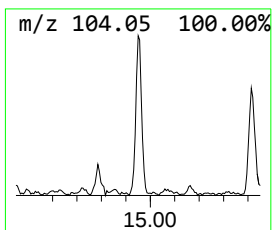
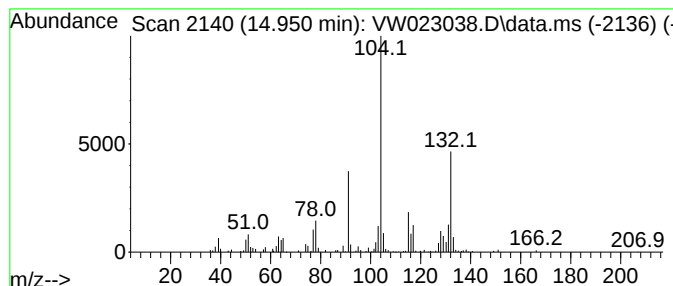
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Quant Title : SFAM01.0

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

Peak Number 20 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	2.33 ug/L	85448	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	96
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	91
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

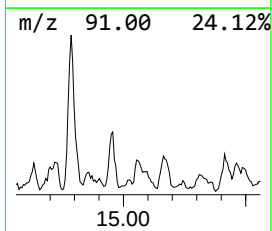
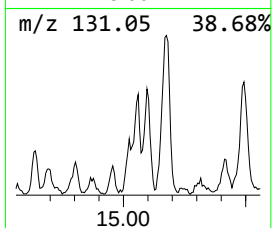
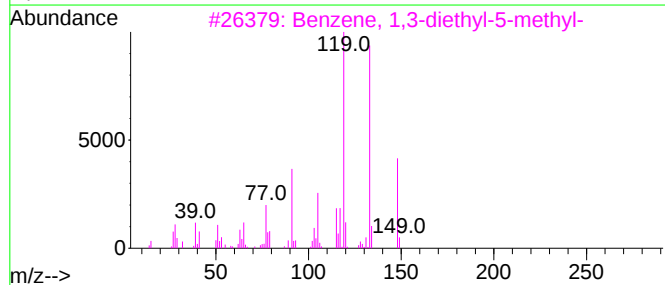
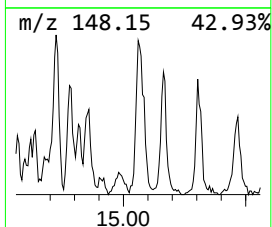
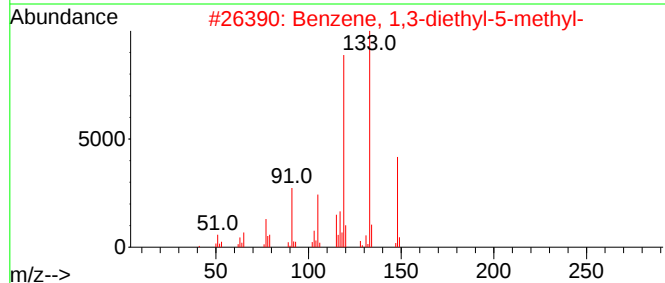
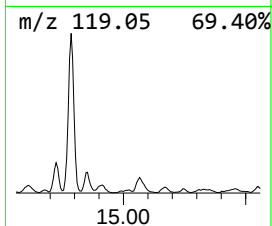
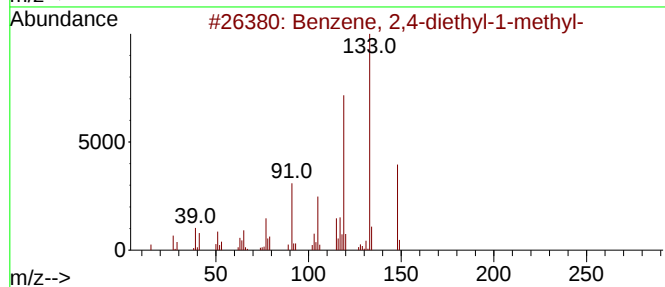
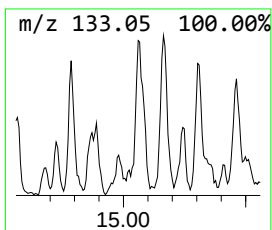
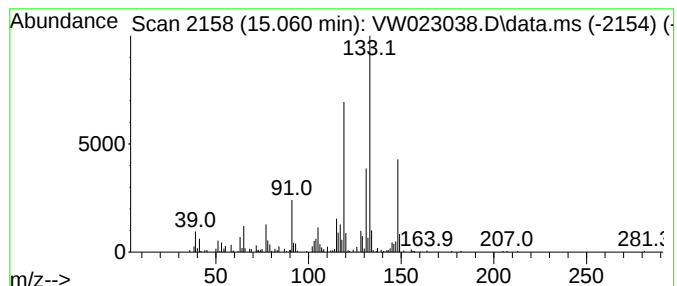
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	2.48 ug/L	90965	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
4			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

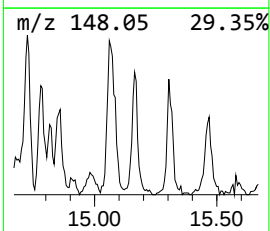
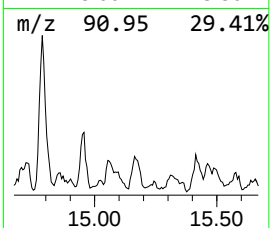
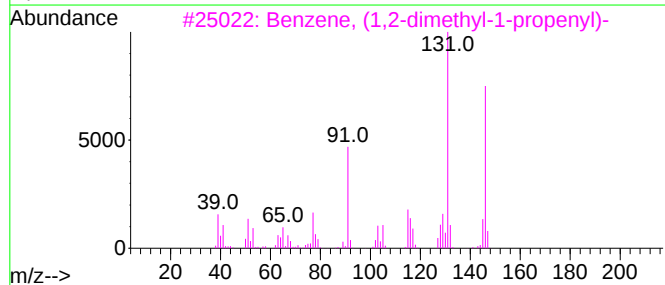
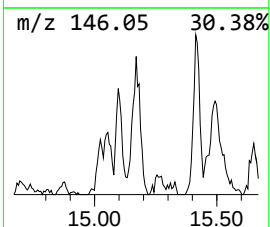
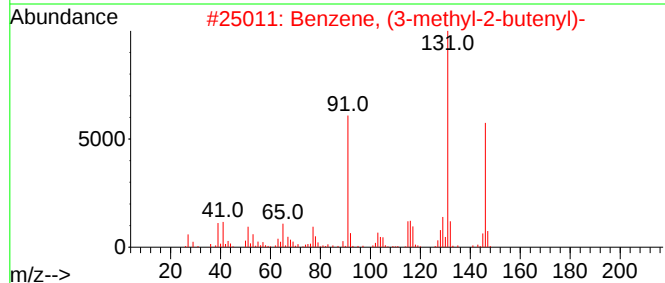
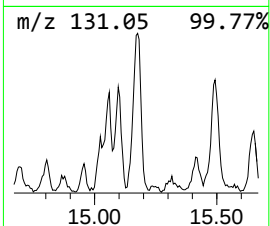
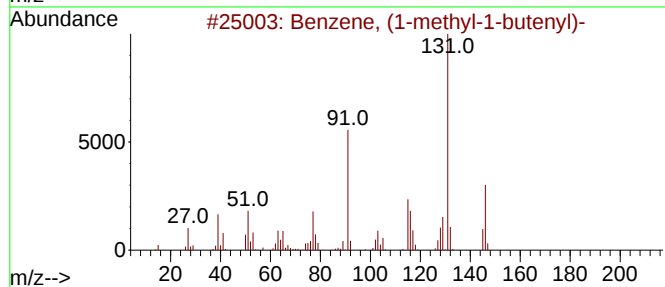
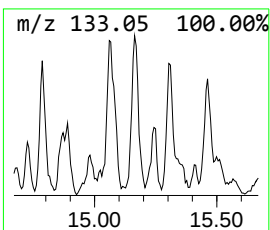
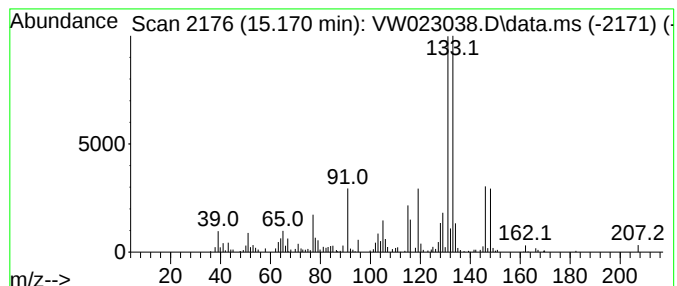
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, (1-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	3.48 ug/L	127483	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

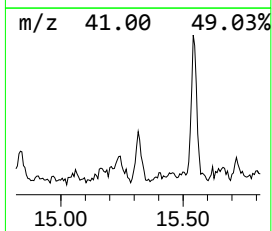
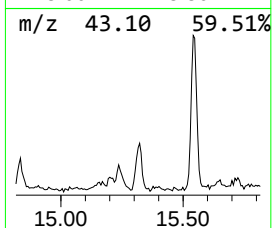
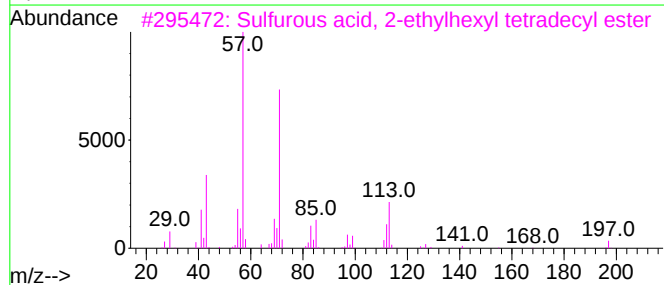
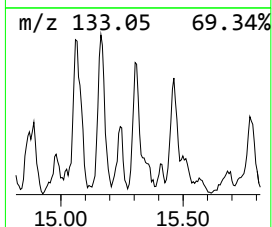
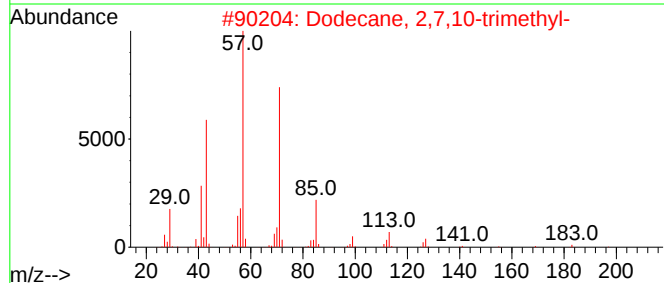
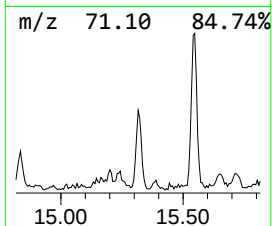
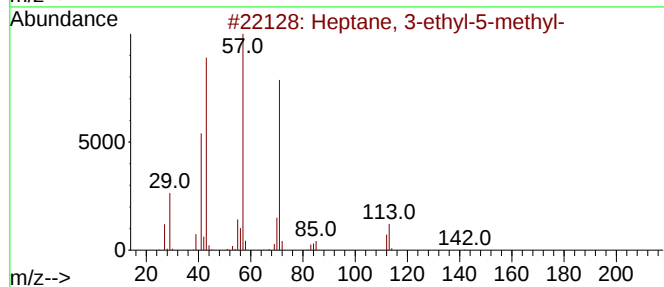
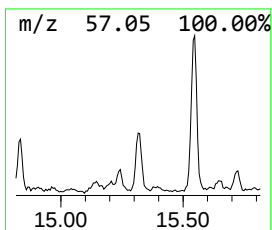
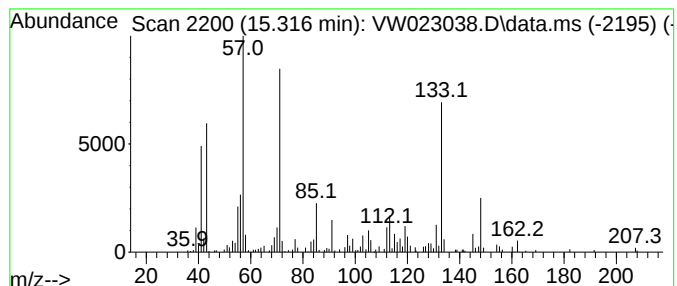
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	3.30 ug/L	120925	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
3			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	46
4			Decane, 4-methyl-	156	C11H24	002847-72-5	46
5			Decane, 2-methyl-	156	C11H24	006975-98-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

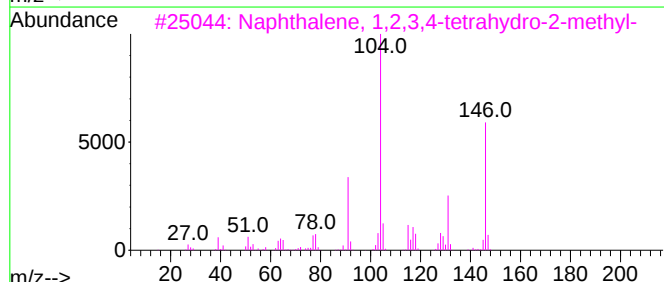
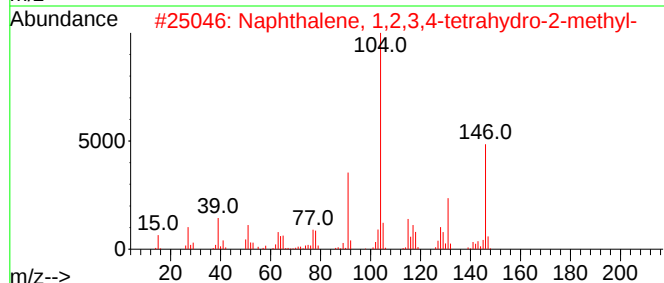
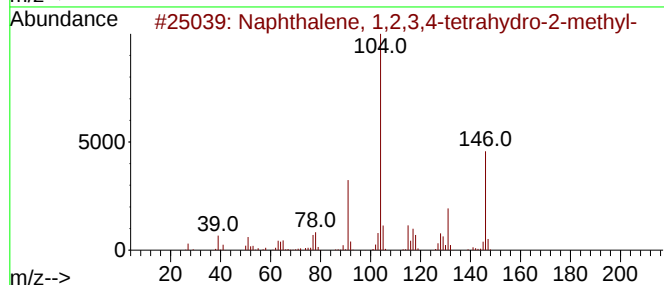
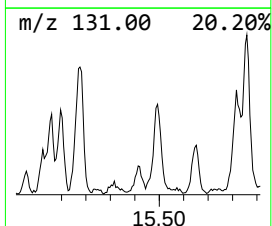
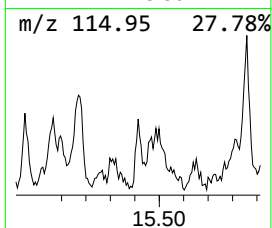
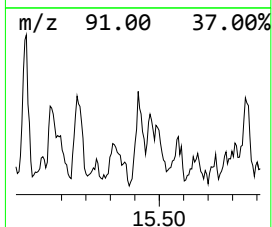
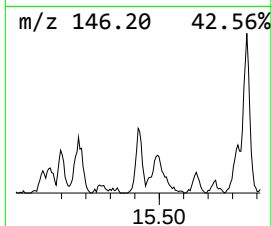
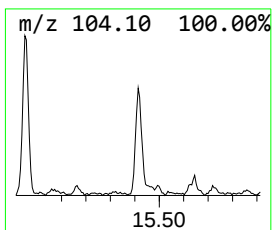
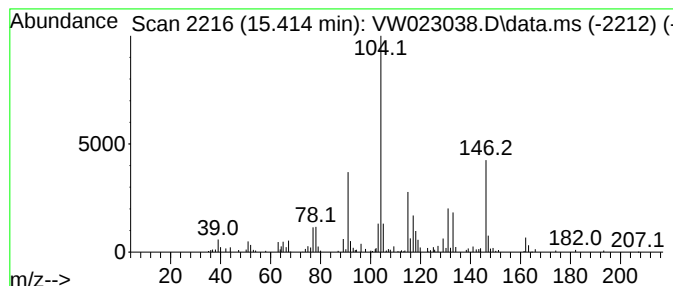
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Quant Title : SFAM01.0

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

Peak Number 24 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.414	1.89 ug/L	69188	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

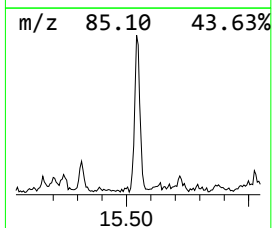
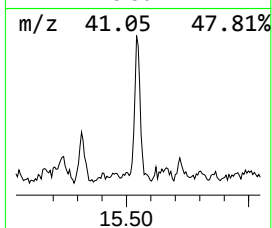
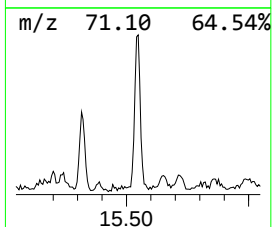
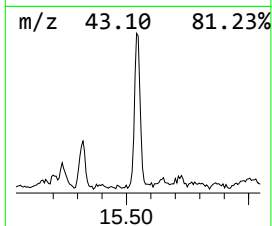
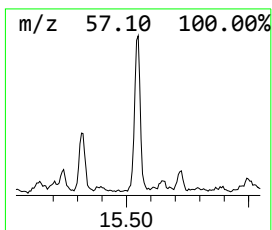
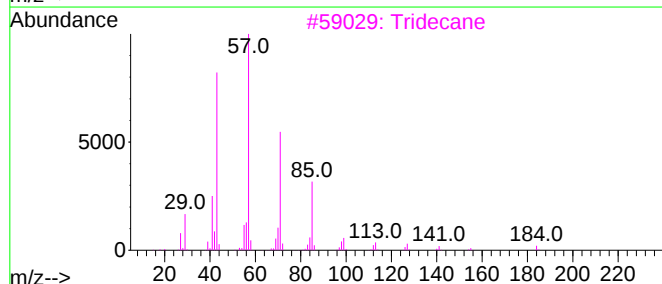
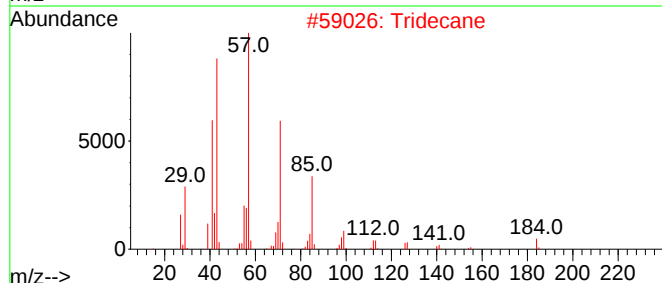
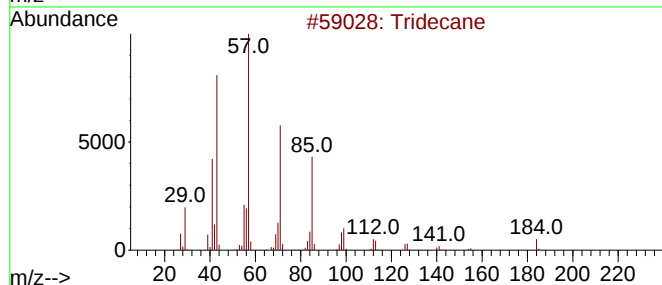
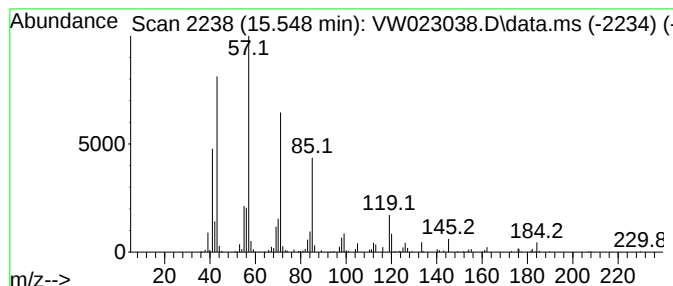
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	6.73 ug/L	246800	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	93
2		Tridecane	184	C13H28	000629-50-5	86
3		Tridecane	184	C13H28	000629-50-5	81
4		Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	80
5		Tetradecane	198	C14H30	000629-59-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

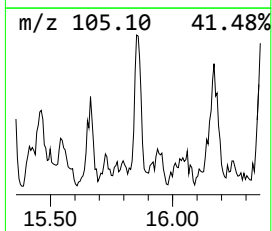
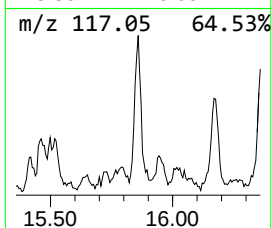
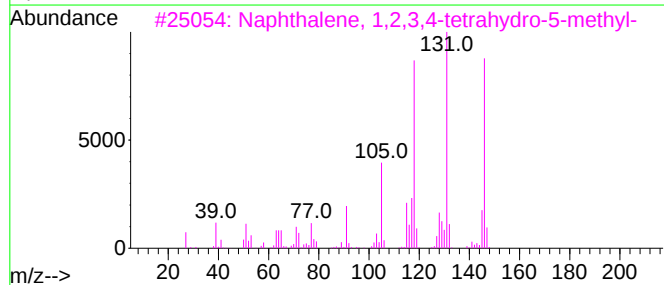
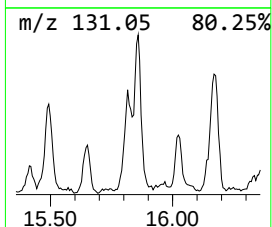
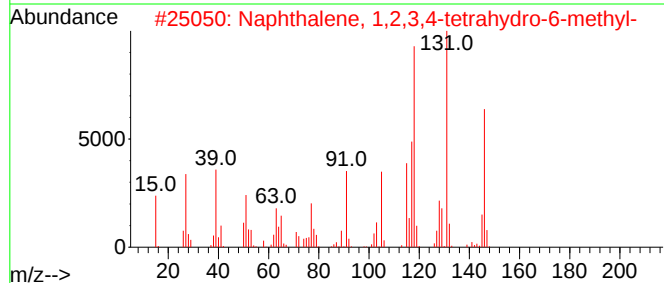
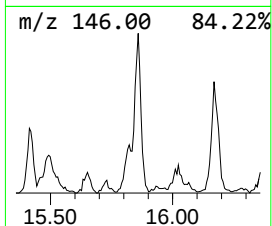
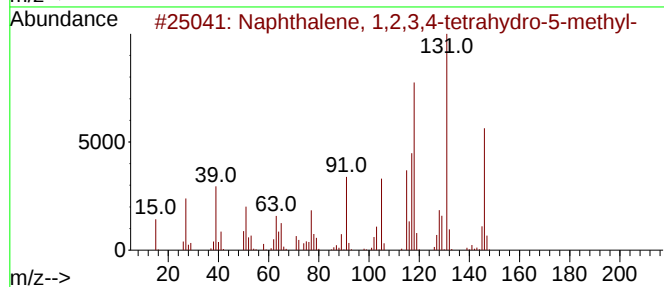
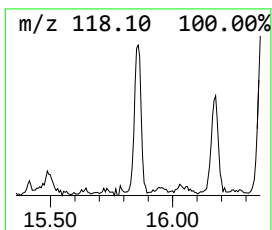
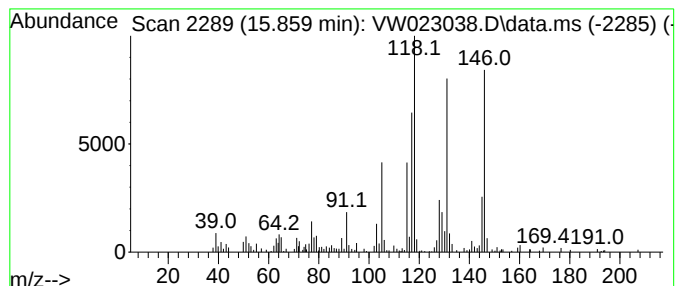
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Quant Title : SFAM01.0

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

Peak Number 26 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.859	4.20 ug/L	154126	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	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

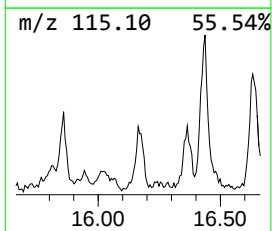
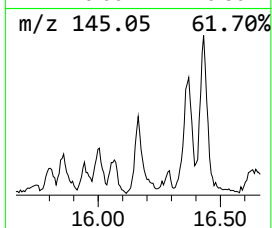
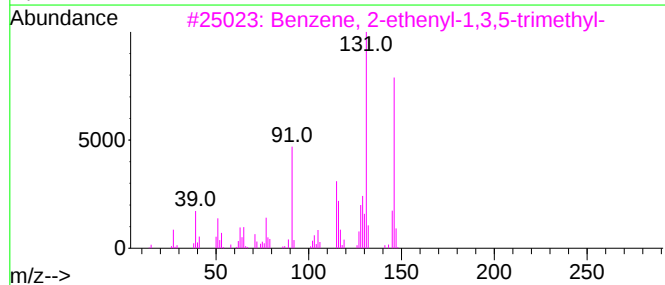
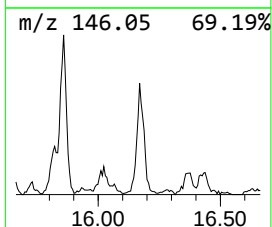
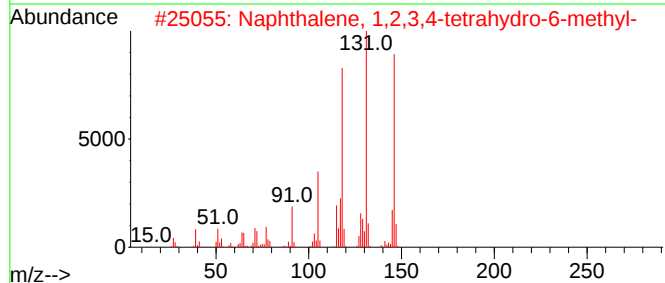
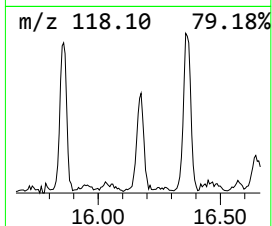
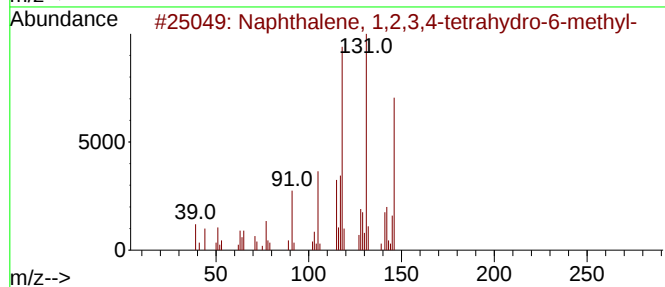
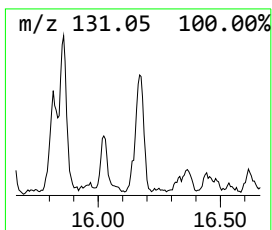
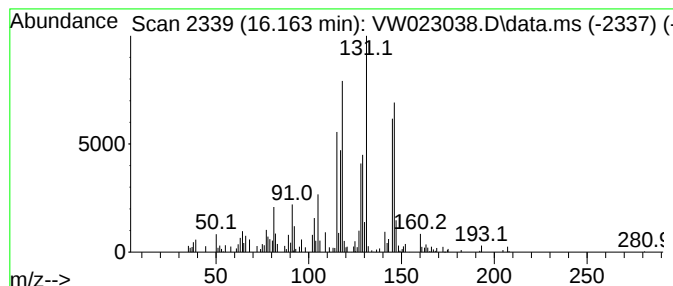
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Quant Title : SFAM01.0

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

Peak Number 27 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	2.69 ug/L	98701	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43
4			1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	38
5			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

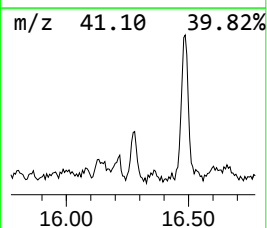
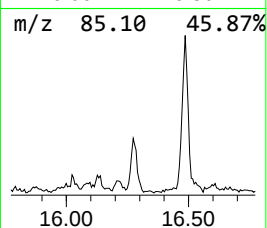
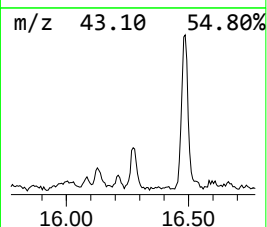
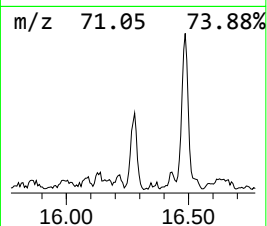
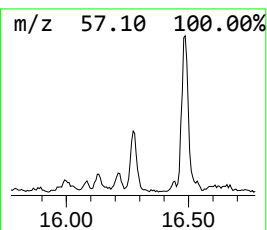
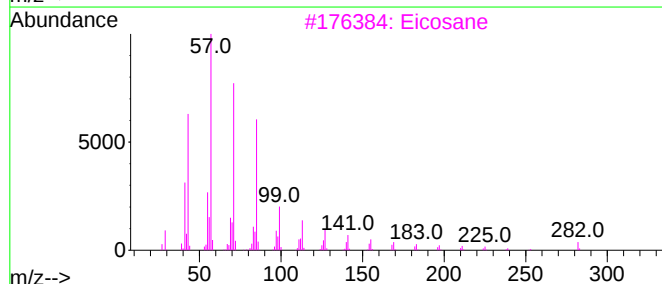
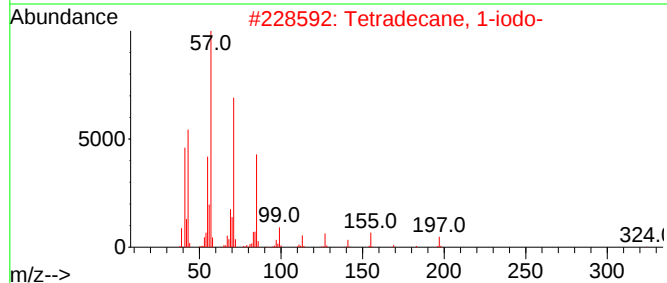
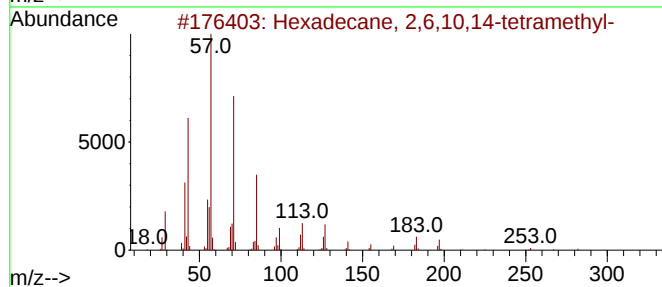
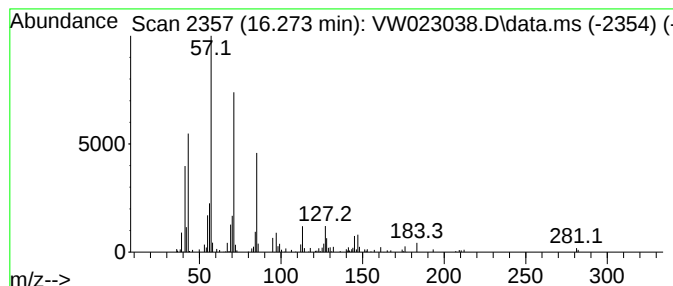
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	2.64 ug/L	96603	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3		Eicosane	282	C20H42	000112-95-8	80
4		Heptadecane	240	C17H36	000629-78-7	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

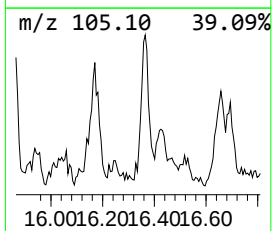
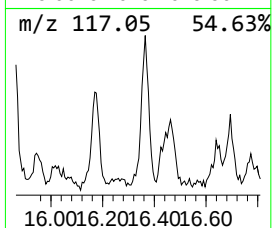
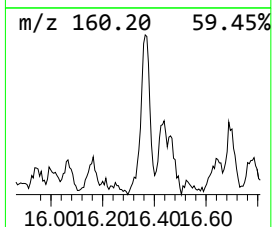
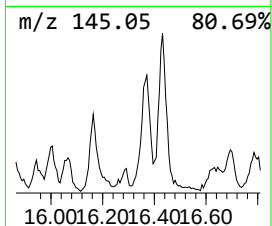
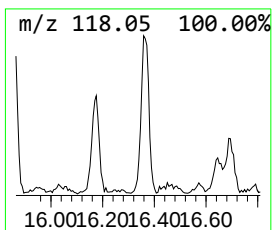
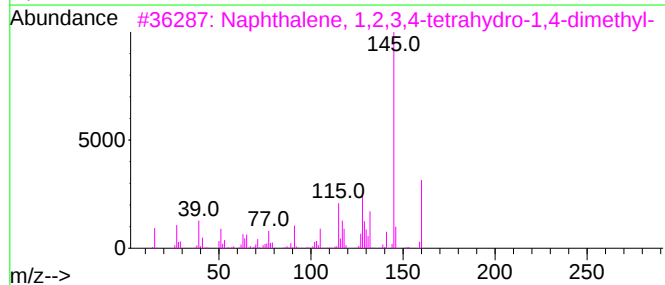
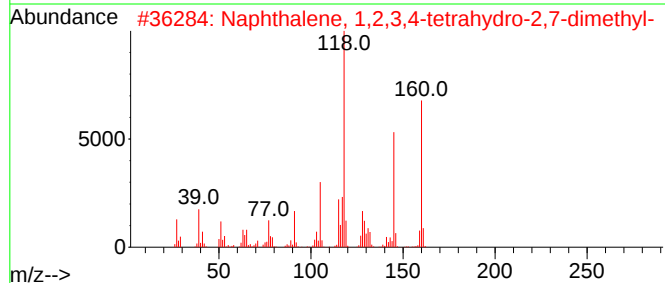
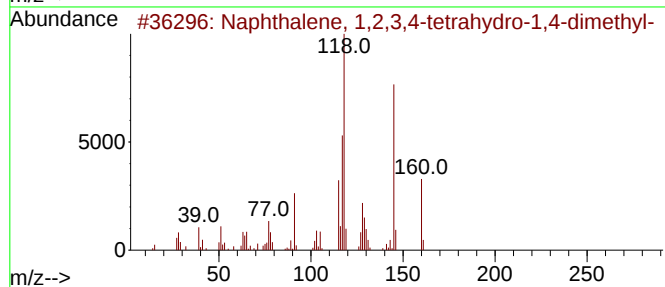
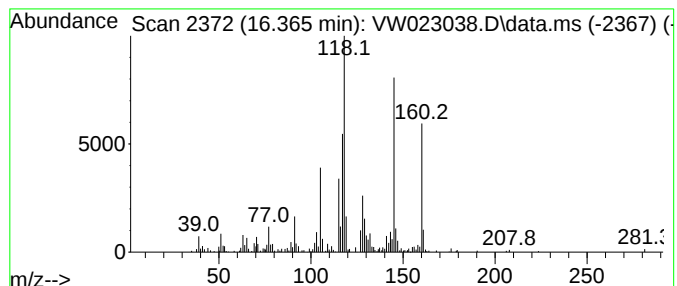
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Quant Title : SFAM01.0

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

Peak Number 29 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.365	4.90 ug/L	179517	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	78
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	78
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

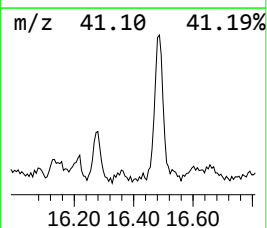
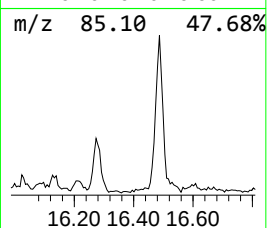
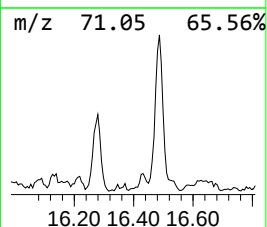
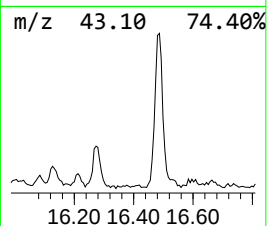
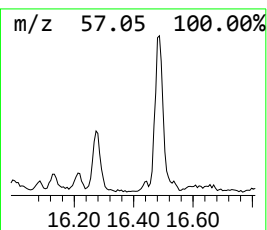
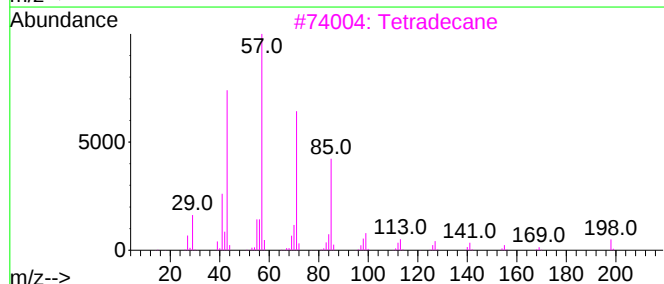
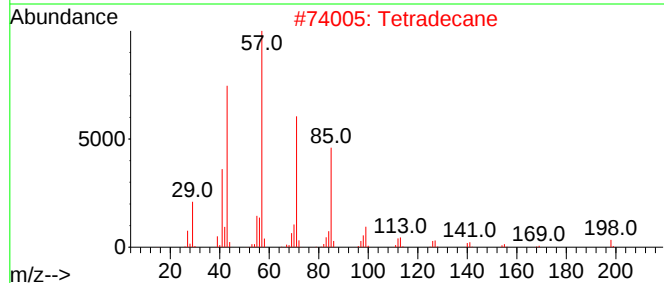
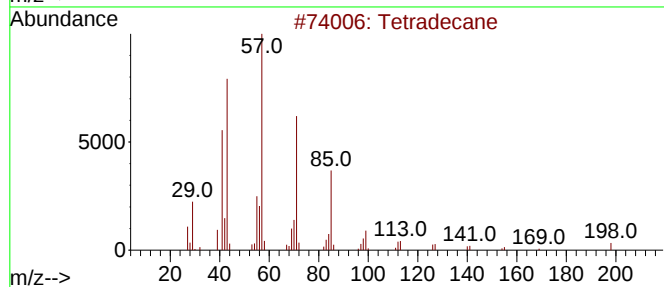
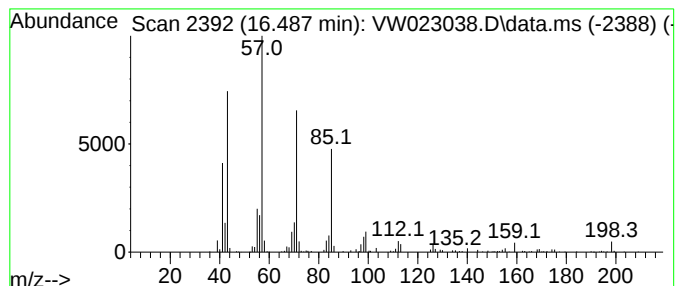
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	7.00 ug/L	256621	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tetradecane	198	C14H30	000629-59-4	95
3			Tetradecane	198	C14H30	000629-59-4	93
4			Tridecane	184	C13H28	000629-50-5	87
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023038.D
Acq On : 13 May 2022 19:35
Operator : SY/VA
Sample : N2766-22
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

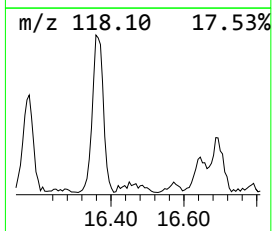
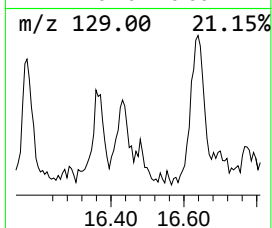
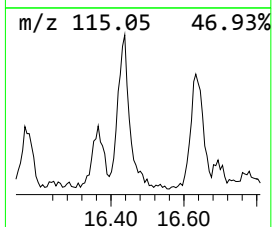
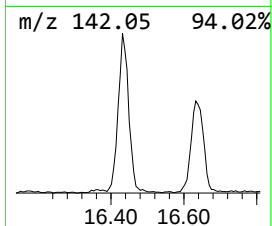
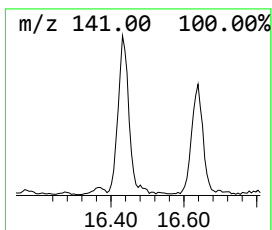
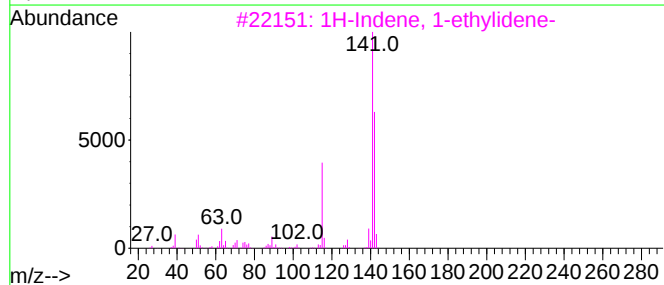
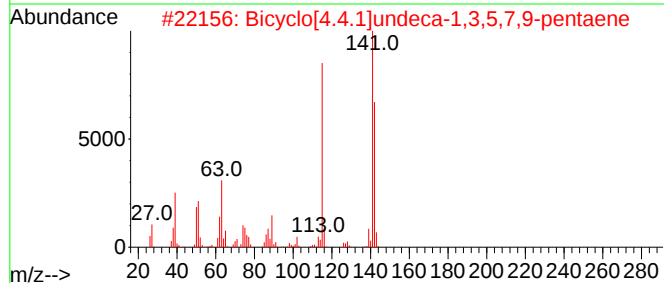
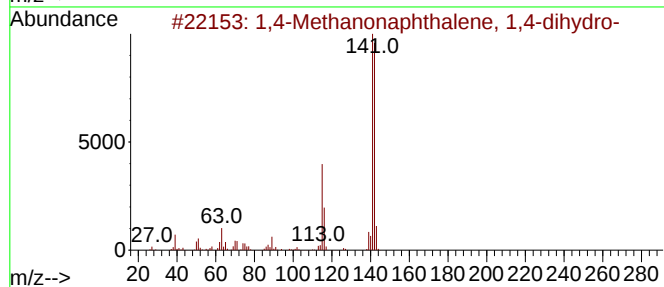
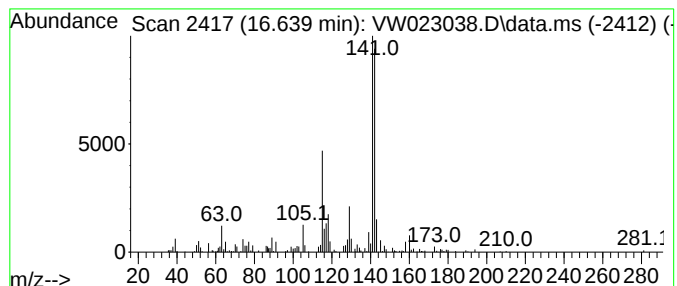
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Quant Title : SFAM01.0

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

Peak Number 32 1,4-Methanonaphthalene, 1,4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	3.87 ug/L	141989	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
2			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	81
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	81
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
 Data File : VW023038.D
 Acq On : 13 May 2022 19:35
 Operator : SY/VA
 Sample : N2766-22
 Misc : 6.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H2

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
Dimethyl sulfide	4.202	1.4	ug/L	42543	1	8.842	786034	25.0
Benzene, 1-ethy...	12.865	1.8	ug/L	67038	3	13.554	916527	25.0
Benzene, 1-ethy...	13.103	1.3	ug/L	47488	3	13.554	916527	25.0
o-Cymene	13.438	1.5	ug/L	53569	3	13.554	916527	25.0
Benzene, 1-meth...	13.743	1.5	ug/L	54674	3	13.554	916527	25.0
Benzene, 2-ethy...	13.786	1.8	ug/L	66903	3	13.554	916527	25.0
Benzene, 1-meth...	13.944	1.3	ug/L	46395	3	13.554	916527	25.0
Benzene, 1-ethy...	14.005	1.8	ug/L	65178	3	13.554	916527	25.0
Benzene, 4-ethy...	14.091	2.9	ug/L	107556	3	13.554	916527	25.0
Benzene, 1-meth...	14.200	3.4	ug/L	124274	3	13.554	916527	25.0
Benzene, 1,2,4,...	14.328	2.4	ug/L	89415	3	13.554	916527	25.0
Benzene, 1,2,3,...	14.414	2.1	ug/L	78696	3	13.554	916527	25.0
Benzene, 1-meth...	14.450	4.0	ug/L	146152	3	13.554	916527	25.0
Benzene, 1,3-di...	14.493	1.4	ug/L	51183	3	13.554	916527	25.0
unknown-01	14.542	1.5	ug/L	56421	3	13.554	916527	25.0
Benzoic acid, 2...	14.719	5.2	ug/L	190396	3	13.554	916527	25.0
1,3-Cyclopentad...	14.786	15.0	ug/L	549890	3	13.554	916527	25.0
Naphthalene, 1,...	14.950	2.3	ug/L	85448	3	13.554	916527	25.0
Benzene, 2,4-di...	15.060	2.5	ug/L	90965	3	13.554	916527	25.0
Benzene, (1-met...	15.170	3.5	ug/L	127483	3	13.554	916527	25.0
(DEL) Alkane: S...	15.316	3.3	ug/L	120925	3	13.554	916527	25.0
Naphthalene, 1,...	15.414	1.9	ug/L	69188	3	13.554	916527	25.0
(DEL) Alkane: S...	15.548	6.7	ug/L	246800	3	13.554	916527	25.0
Naphthalene, 1,...	15.859	4.2	ug/L	154126	3	13.554	916527	25.0
Naphthalene, 1,...	16.163	2.7	ug/L	98701	3	13.554	916527	25.0
(DEL) Alkane: S...	16.273	2.6	ug/L	96603	3	13.554	916527	25.0
Naphthalene, 1,...	16.365	4.9	ug/L	179517	3	13.554	916527	25.0
(DEL) Alkane: S...	16.486	7.0	ug/L	256621	3	13.554	916527	25.0
1,4-Methanonaph...	16.639	3.9	ug/L	141989	3	13.554	916527	25.0