

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026778.D
 Acq On : 18 Aug 2023 18:34
 Operator : SY/MD
 Sample : 04037-02
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYJ7

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.954	9	11	19	rVB5	4429	8533	0.25%	0.022%
2	2.167	39	46	49	rBV5	7446	18347	0.53%	0.048%
3	2.204	49	52	53	rBV3	3279	3118	0.09%	0.008%
4	2.265	59	62	63	rBV3	1995	2234	0.06%	0.006%
5	2.369	68	79	92	rBV	85856	287675	8.37%	0.758%
6	2.631	120	122	125	rBV4	2288	2402	0.07%	0.006%
7	2.673	127	129	133	rBV5	3370	5699	0.17%	0.015%
8	2.893	158	165	186	rVB	87223	261575	7.61%	0.689%
9	3.381	240	245	254	rVB9	3379	9200	0.27%	0.024%
10	3.588	277	279	281	rVV3	2017	2389	0.07%	0.006%
11	4.027	338	351	380	rBV2	242167	972072	28.27%	2.561%
12	4.393	399	411	430	rVB	37641	131686	3.83%	0.347%
13	4.795	473	477	482	rVB7	1521	2681	0.08%	0.007%
14	4.923	488	498	511	rBV3	31723	144193	4.19%	0.380%
15	5.460	583	586	592	rVB7	1721	3084	0.09%	0.008%
16	5.533	595	598	603	rVB4	1194	2017	0.06%	0.005%
17	5.758	628	635	640	rBV9	1729	4991	0.15%	0.013%
18	5.941	654	665	676	rBV5	10879	35014	1.02%	0.092%
19	6.136	691	697	699	rVB6	1144	2100	0.06%	0.006%
20	7.099	843	855	875	rBV5	77718	361516	10.52%	0.952%
21	7.404	901	905	910	rVB6	1402	3100	0.09%	0.008%
22	7.673	937	949	968	rVB	566092	1423974	41.42%	3.751%
23	8.032	1003	1008	1010	rBV4	1610	2477	0.07%	0.007%
24	8.160	1025	1029	1031	rBV4	2496	3910	0.11%	0.010%
25	8.276	1036	1048	1067	rBV2	1171756	3438026	100.00%	9.056%
26	8.697	1111	1117	1121	rBV7	4681	9824	0.29%	0.026%
27	8.843	1131	1141	1157	rBV	904427	1818304	52.89%	4.790%
28	9.087	1170	1181	1192	rBV3	662509	1543578	44.90%	4.066%
29	9.276	1201	1212	1221	rBV	804790	1672201	48.64%	4.405%
30	9.526	1248	1253	1258	rVB9	1288	2715	0.08%	0.007%
31	9.666	1269	1276	1285	rBV9	6769	19449	0.57%	0.051%
32	10.032	1330	1336	1344	rVV	376226	680519	19.79%	1.793%
33	10.129	1350	1352	1357	rVB5	2610	3717	0.11%	0.010%
34	10.325	1375	1384	1392	rBV	1480493	2628407	76.45%	6.924%
35	10.471	1406	1408	1410	rBV3	1820	2041	0.06%	0.005%
36	10.501	1410	1413	1418	rVB6	4680	6864	0.20%	0.018%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

37	10.574	1418	1425	1436	rBV	256920	466179	13.56%	1.228%
38	10.703	1440	1446	1454	rVB	23985	45280	1.32%	0.119%
39	10.855	1466	1471	1472	rVV5	3164	4577	0.13%	0.012%
40	10.928	1476	1483	1498	rBV3	225538	509924	14.83%	1.343%
41	11.068	1503	1506	1514	rVB8	4285	11980	0.35%	0.032%
42	11.172	1521	1523	1527	rBV4	2117	2454	0.07%	0.006%
43	11.221	1527	1531	1534	rBV6	2539	3890	0.11%	0.010%
44	11.398	1558	1560	1565	rVB6	2528	3314	0.10%	0.009%
45	11.507	1575	1578	1584	rVB7	3127	4392	0.13%	0.012%
46	11.629	1589	1598	1609	rBV	1274417	2108427	61.33%	5.554%
47	11.721	1610	1613	1619	rVB6	6170	11969	0.35%	0.032%
48	11.836	1626	1632	1641	rBV5	10025	25610	0.74%	0.067%
49	12.135	1678	1681	1682	rBV3	2573	2467	0.07%	0.006%
50	12.160	1682	1685	1686	rVV3	3521	3483	0.10%	0.009%
51	12.251	1695	1700	1703	rVB6	5125	8828	0.26%	0.023%
52	12.306	1706	1709	1710	rBV3	1817	2220	0.06%	0.006%
53	12.355	1710	1717	1723	rBV8	8910	27419	0.80%	0.072%
54	12.470	1730	1736	1739	rBV6	10900	22461	0.65%	0.059%
55	12.605	1752	1758	1766	rVB	34382	75868	2.21%	0.200%
56	12.775	1778	1786	1793	rVB10	21024	44982	1.31%	0.118%
57	12.861	1793	1800	1804	rBV6	15775	38796	1.13%	0.102%
58	12.940	1806	1813	1819	rBV5	55653	131143	3.81%	0.345%
59	13.074	1832	1835	1839	rBV2	20233	29166	0.85%	0.077%
60	13.123	1839	1843	1845	rBV3	17262	26817	0.78%	0.071%
61	13.159	1845	1849	1856	rVV2	62341	108798	3.16%	0.287%
62	13.251	1861	1864	1867	rBV3	25964	36960	1.08%	0.097%
63	13.287	1867	1870	1874	rVB3	23757	27439	0.80%	0.072%
64	13.336	1875	1878	1881	rBV3	18268	21875	0.64%	0.058%
65	13.373	1881	1884	1887	rBV4	21145	31823	0.93%	0.084%
66	13.440	1889	1895	1899	rBV4	75713	150164	4.37%	0.396%
67	13.476	1899	1901	1906	rVB5	49520	64348	1.87%	0.170%
68	13.556	1908	1914	1922	rVB	1198610	1905563	55.43%	5.019%
69	13.617	1922	1924	1930	rBV5	22018	27011	0.79%	0.071%
70	13.696	1931	1937	1940	rBV3	103836	189304	5.51%	0.499%
71	13.739	1941	1944	1948	rBV	85051	117190	3.41%	0.309%
72	13.787	1948	1952	1956	rBV2	114618	171976	5.00%	0.453%
73	13.854	1956	1963	1971	rBV2	1078748	2656643	77.27%	6.998%
74	13.976	1980	1983	1985	rBV3	95492	124296	3.62%	0.327%
75	14.007	1985	1988	1991	rVV2	94511	138838	4.04%	0.366%
76	14.092	1999	2002	2006	rVB	145904	202026	5.88%	0.532%

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 Title : SFAM01.0

77	14.196	2013	2019	2024	rBV2	359425	655454	19.06%	1.727%
78	14.257	2024	2029	2036	rBV6	234397	572673	16.66%	1.508%
79	14.330	2036	2041	2044	rBV5	136223	277240	8.06%	0.730%
80	14.379	2044	2049	2053	rBV2	821998	1332545	38.76%	3.510%
81	14.452	2058	2061	2064	rVV	303150	412237	11.99%	1.086%
82	14.495	2064	2068	2071	rVV3	217292	361642	10.52%	0.953%
83	14.543	2071	2076	2081	rVV3	1102235	1919026	55.82%	5.055%
84	14.598	2081	2085	2088	rVV4	183236	314073	9.14%	0.827%
85	14.635	2089	2091	2097	rVB3	219757	323196	9.40%	0.851%
86	14.720	2101	2105	2110	rVB3	336492	556439	16.18%	1.466%
87	14.787	2111	2116	2122	rBV3	513447	1382786	40.22%	3.642%
88	14.848	2123	2126	2131	rVB4	513879	803280	23.36%	2.116%
89	14.915	2131	2137	2141	rVB6	185247	421087	12.25%	1.109%
90	14.970	2142	2146	2148	rBV2	239446	397461	11.56%	1.047%
91	15.001	2148	2151	2154	rVB	249762	328502	9.55%	0.865%
92	15.116	2167	2170	2173	rBV2	123142	176339	5.13%	0.464%
93	15.318	2199	2203	2207	rBV2	283899	412596	12.00%	1.087%
94	15.397	2212	2216	2221	rVB5	237860	395884	11.51%	1.043%
95	15.543	2237	2240	2249	rVB4	242971	506705	14.74%	1.335%
96	15.622	2250	2253	2256	rBV5	72018	119480	3.48%	0.315%
97	15.726	2266	2270	2280	rVB8	229207	483990	14.08%	1.275%
98	15.854	2288	2291	2296	rBV5	69090	139357	4.05%	0.367%
99	16.275	2357	2360	2369	rVB2	143573	279176	8.12%	0.735%
100	16.482	2390	2394	2401	rVB	164452	286611	8.34%	0.755%

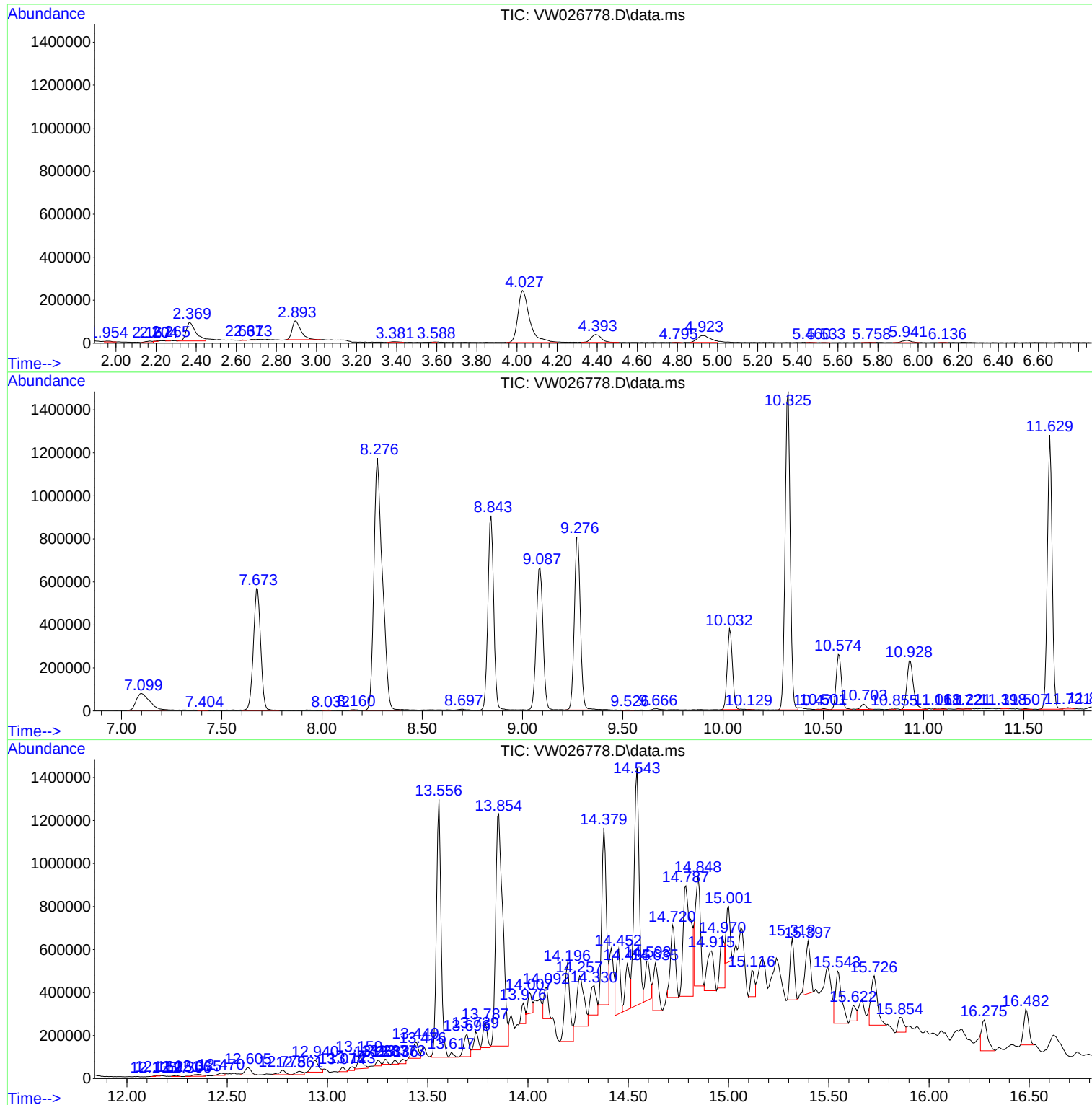
Sum of corrected areas: 37963311

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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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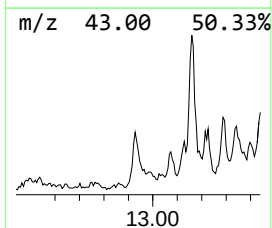
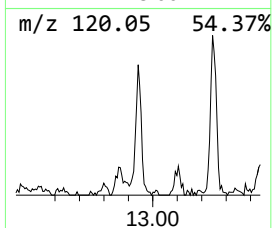
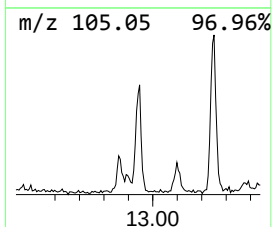
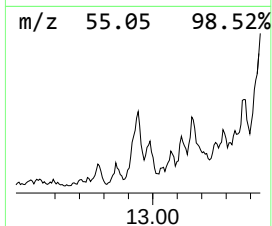
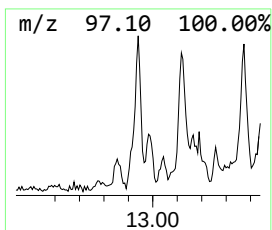
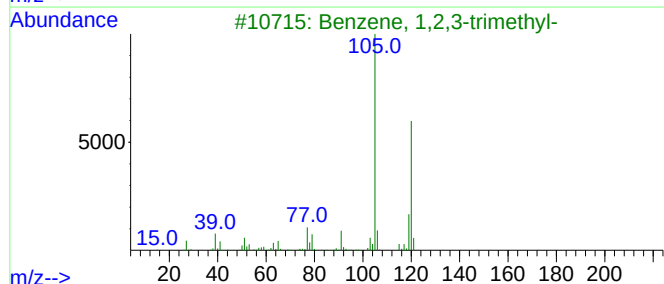
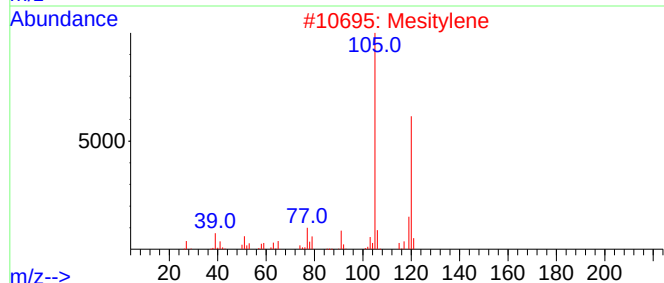
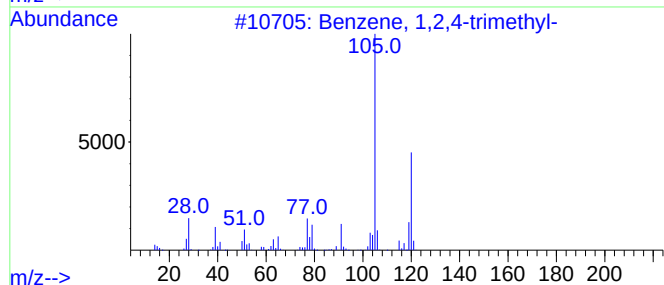
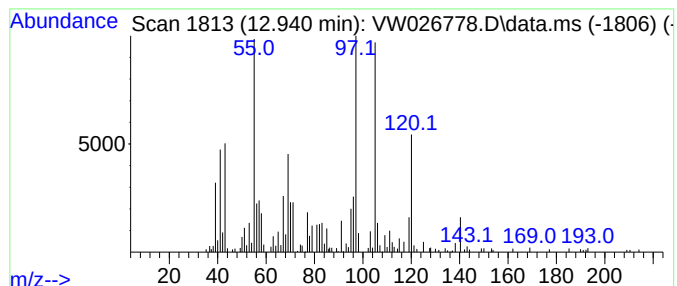
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	1.72 ug/L	131143	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
2			Mesitylene	120	C9H12	000108-67-8	42
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
4			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	100463-01-2	42
5			Mesitylene	120	C9H12	000108-67-8	42



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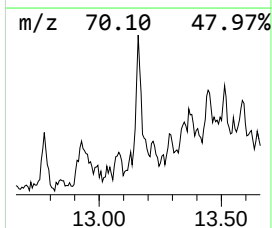
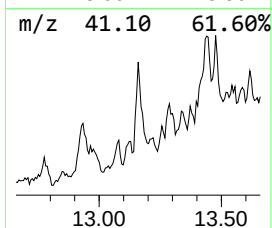
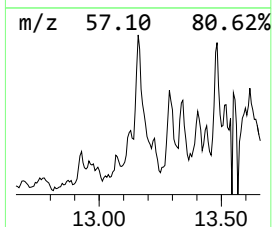
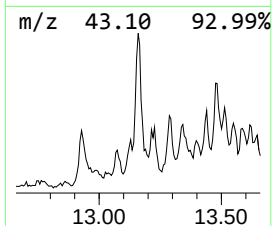
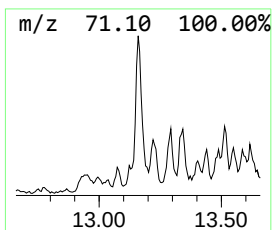
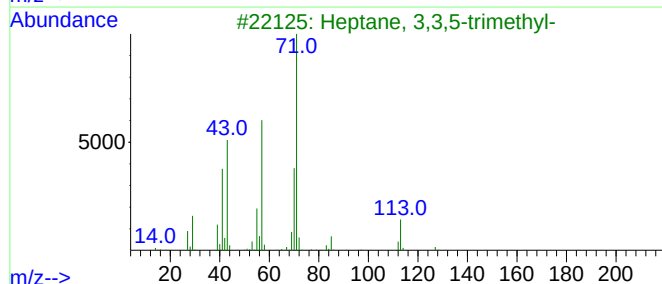
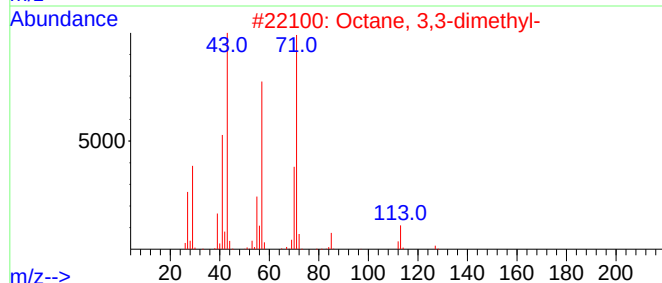
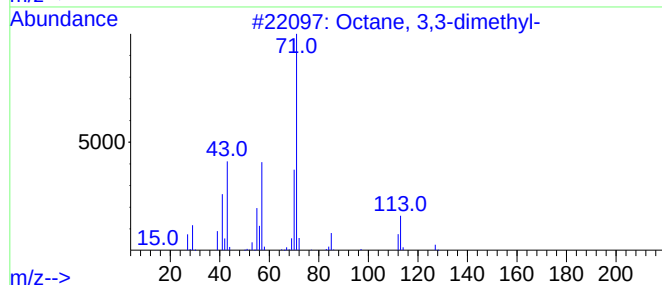
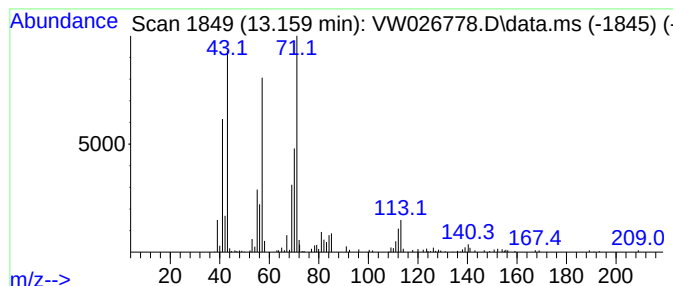
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.159	1.43 ug/L	108798	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	83
2	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	72
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	72
4	Decane, 4-methyl-		156	C11H24	002847-72-5	72
5	Decane, 4-methyl-		156	C11H24	002847-72-5	68



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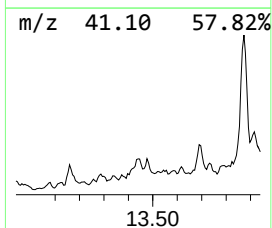
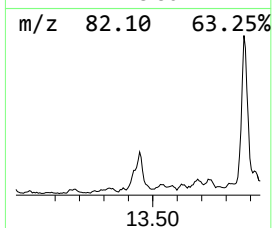
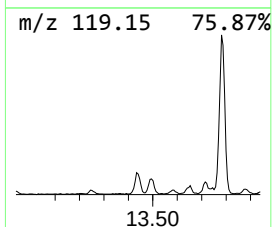
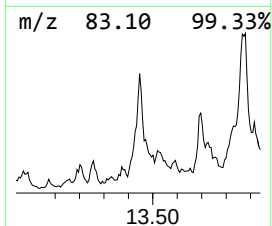
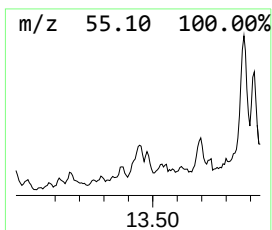
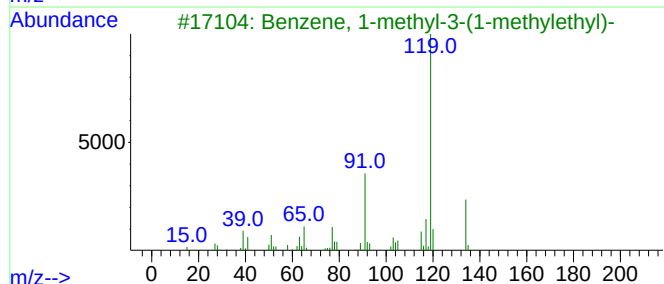
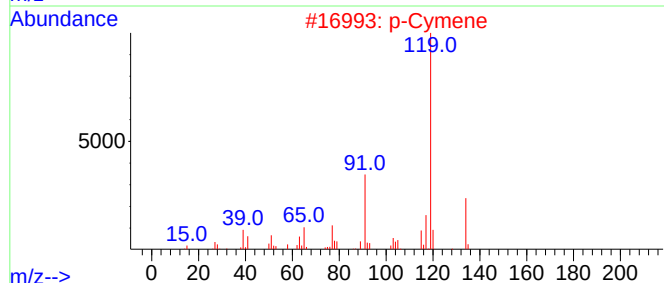
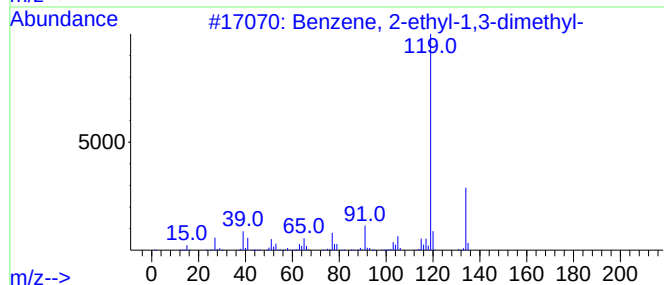
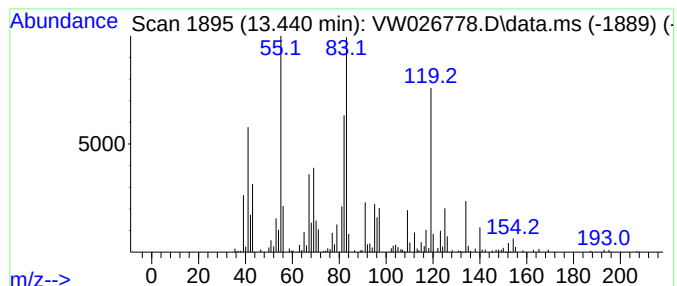
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	1.97 ug/L	150164	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
2			p-Cymene	134	C10H14	000099-87-6	35
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	35
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

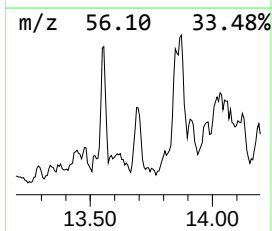
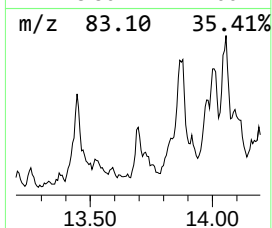
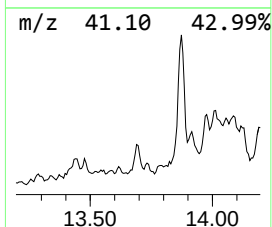
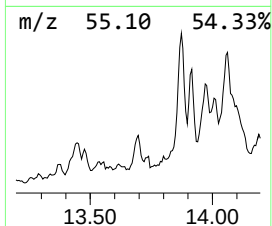
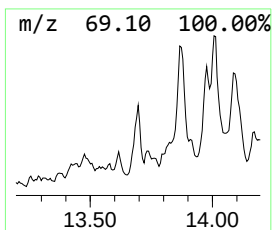
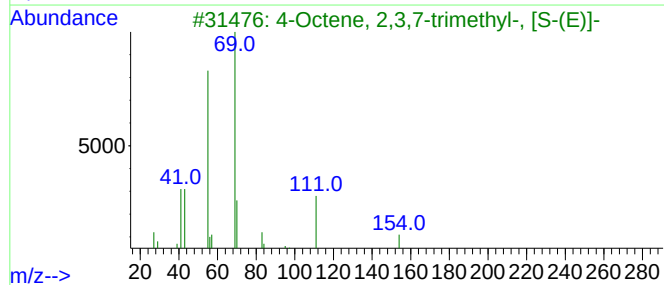
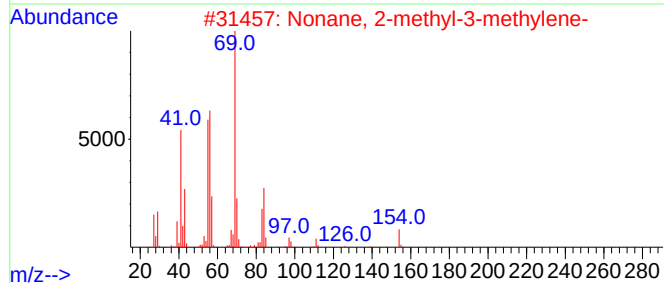
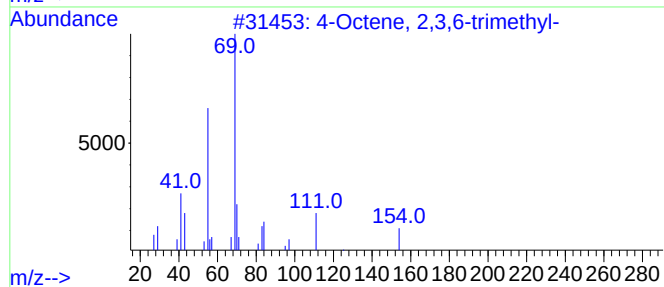
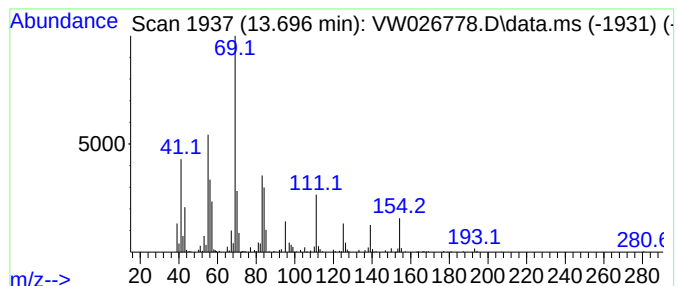
Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.696	2.48 ug/L	189304	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-Octene, 2,3,6-trimethyl-		154	C11H22	063830-65-9	58
2	Nonane, 2-methyl-3-methylene-		154	C11H22	055499-08-6	58
3	4-Octene, 2,3,7-trimethyl-, [S-(...		154	C11H22	052763-13-0	53
4	5-Nonanol, trifluoroacetate		240	C11H19F3O2	1000463-48-1	47
5	Cyclooctane, butyl-		168	C12H24	016538-93-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

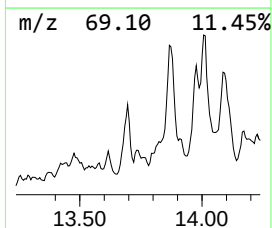
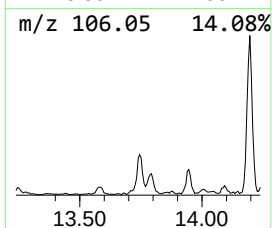
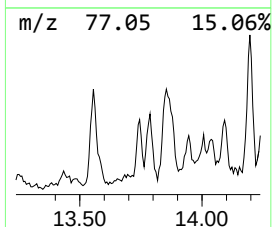
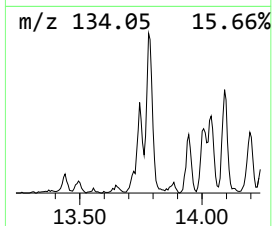
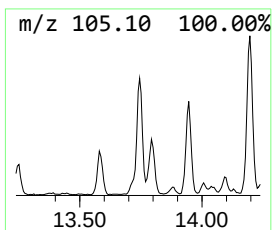
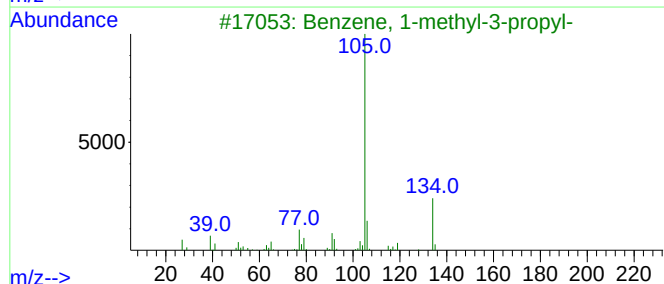
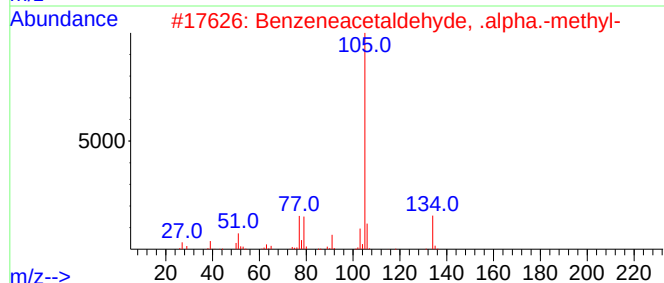
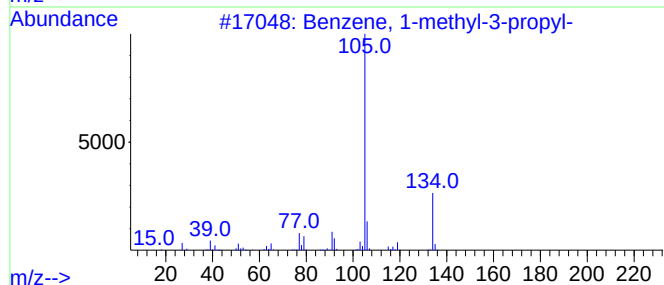
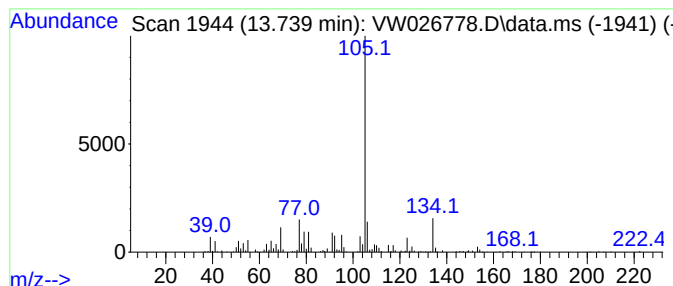
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	1.54 ug/L	117190	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
4			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	68
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

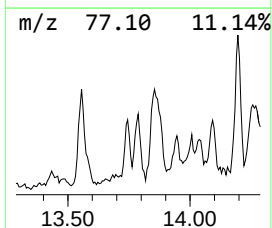
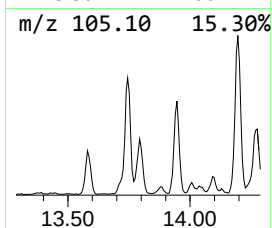
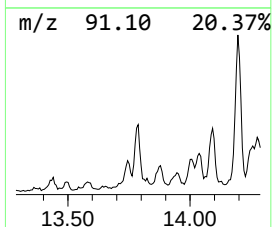
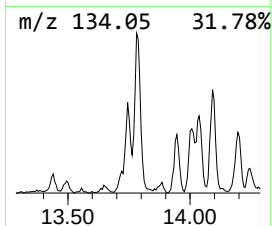
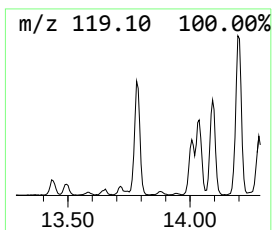
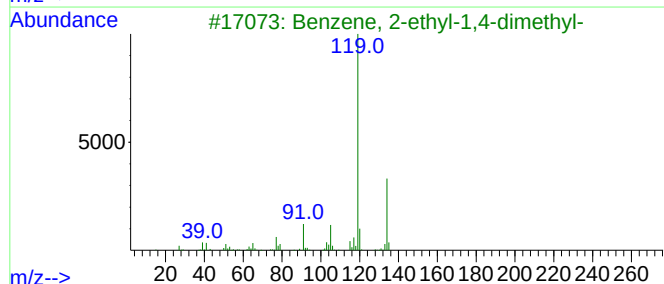
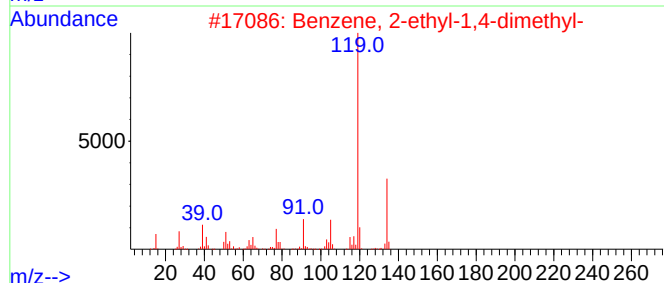
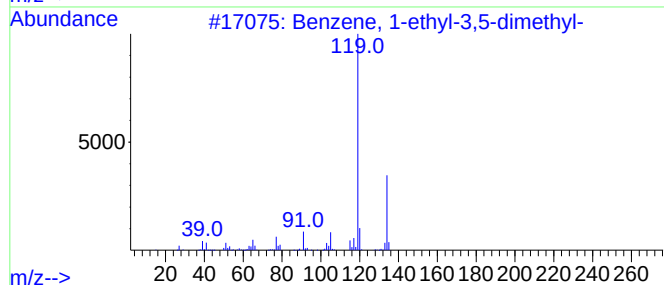
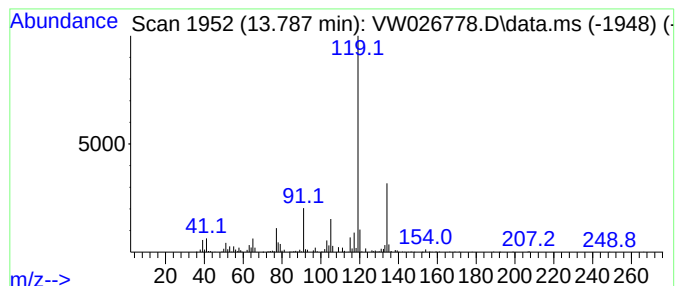
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	2.26 ug/L	171976	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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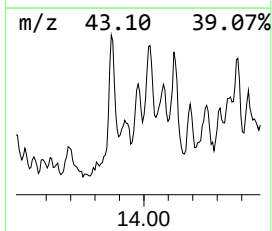
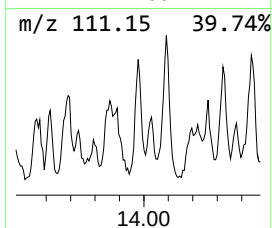
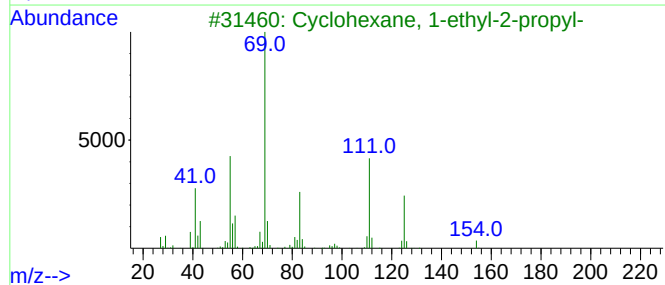
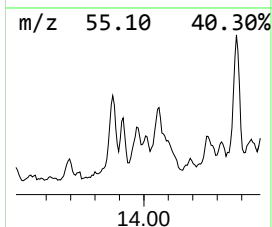
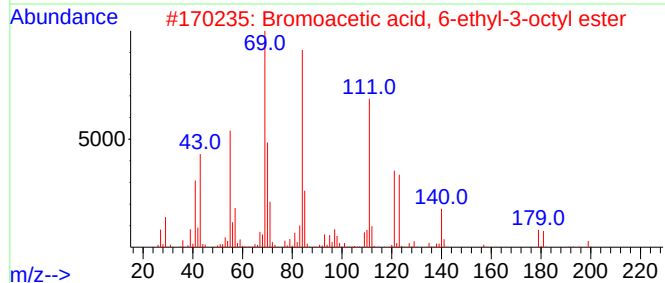
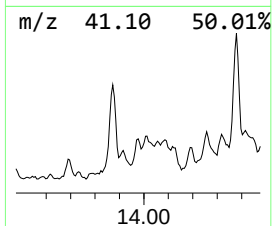
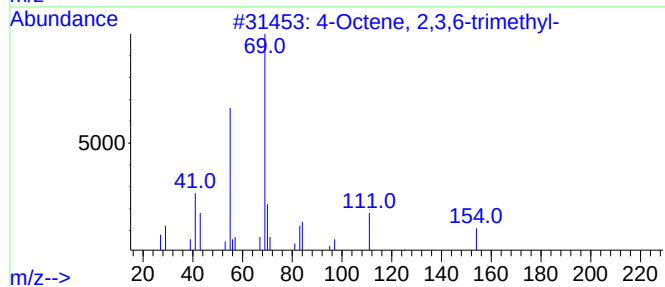
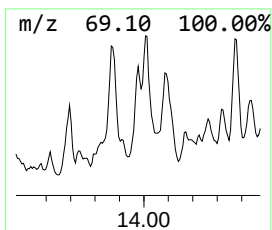
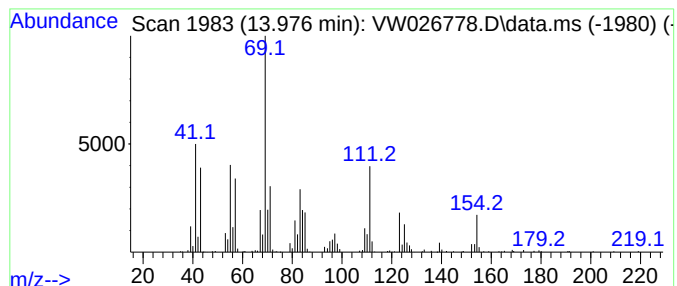
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	1.63 ug/L	124296	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	53
2			Bromoacetic acid, 6-ethyl-3-octy...	278	C12H23BrO2	1000282-67-0	50
3			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	50
4			2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	47
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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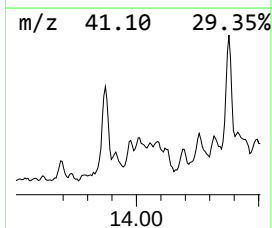
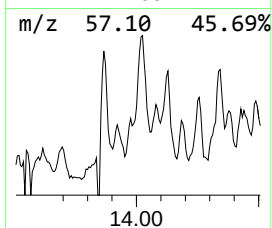
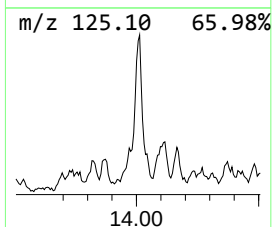
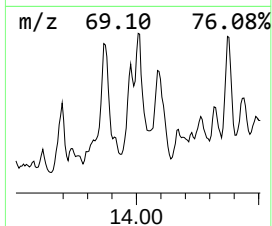
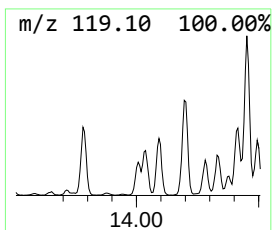
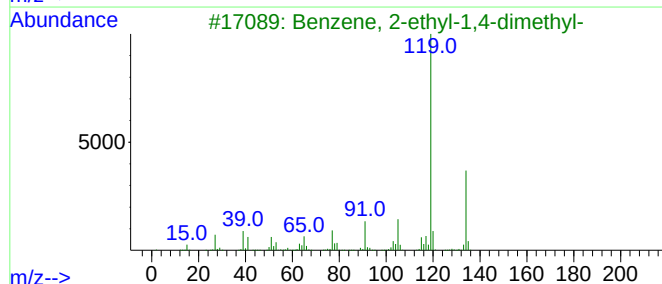
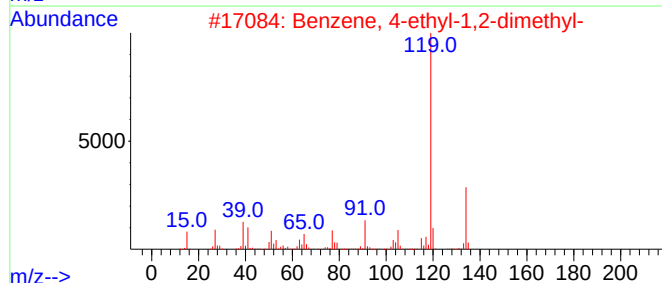
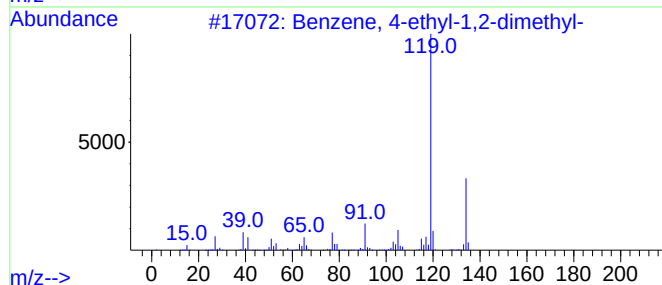
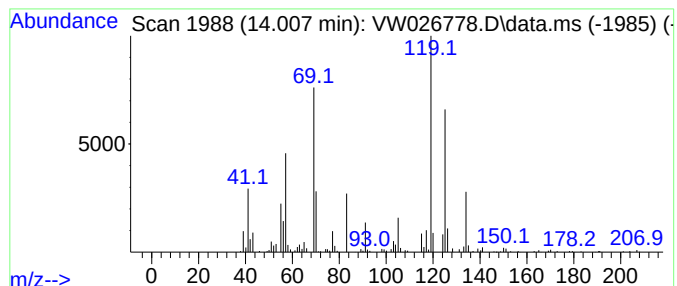
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	1.82 ug/L	138838	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	51
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

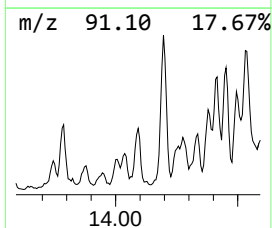
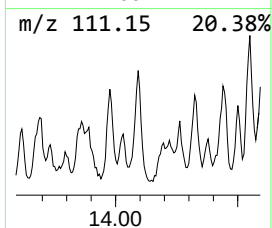
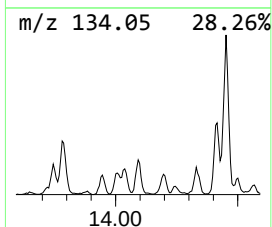
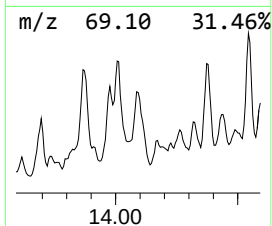
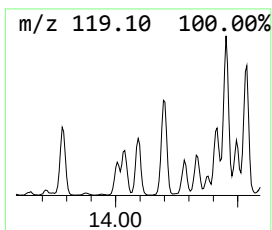
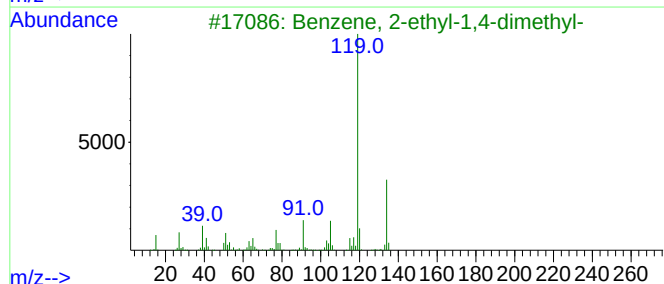
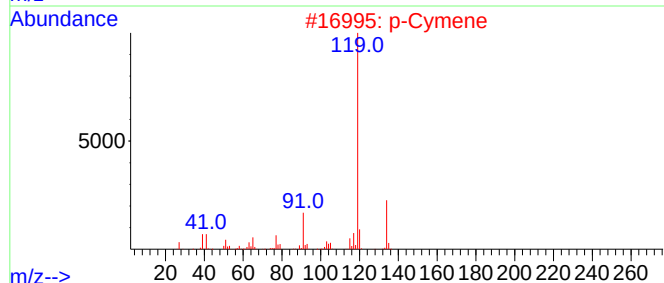
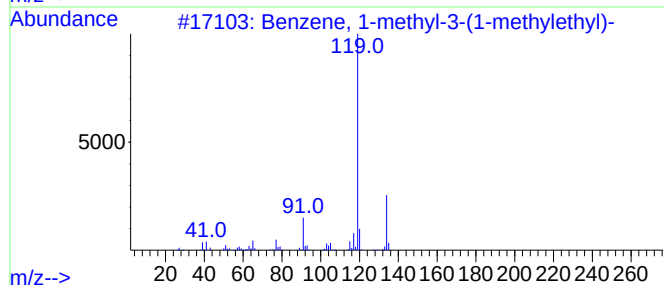
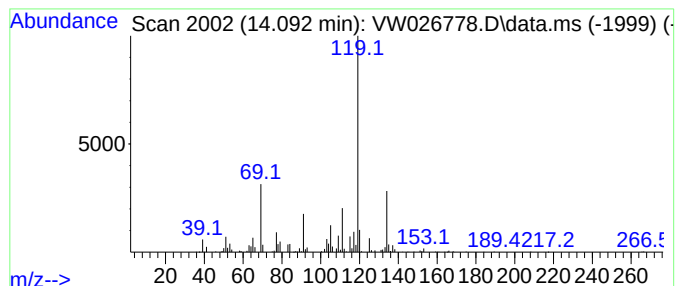
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	2.65 ug/L	202026	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2			p-Cymene	134	C10H14	000099-87-6	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

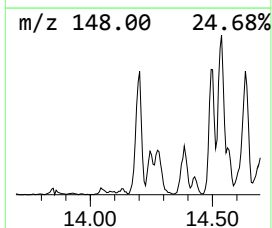
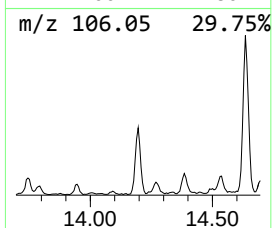
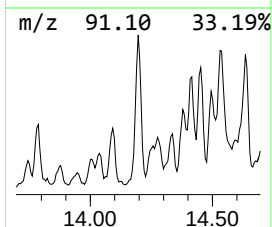
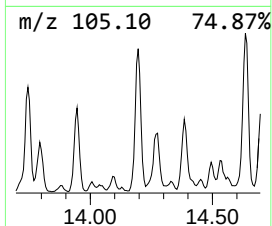
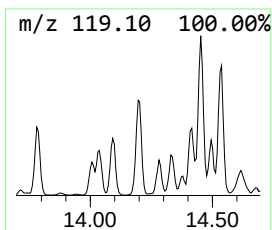
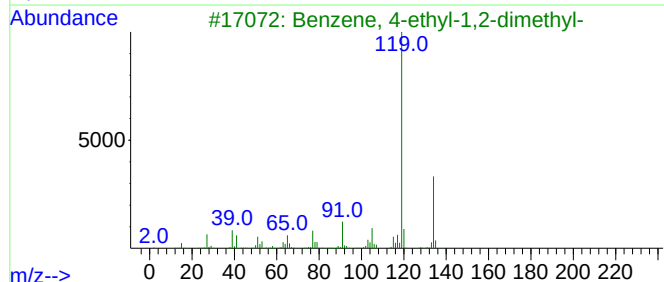
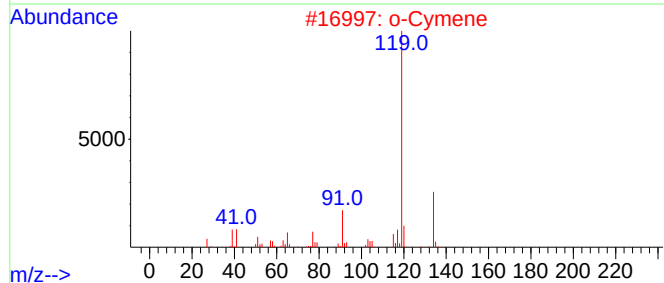
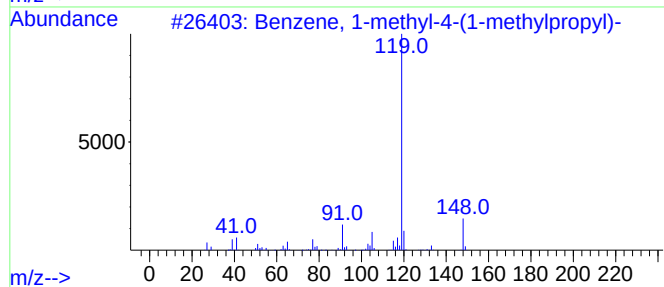
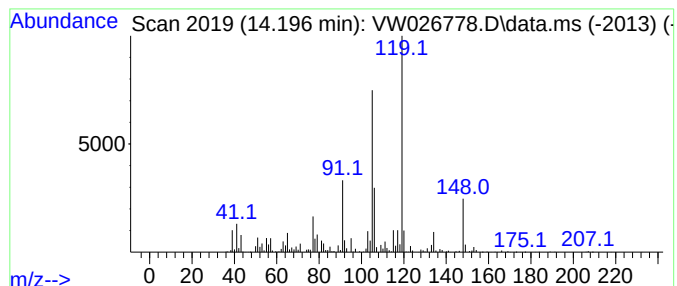
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.196	8.60 ug/L	655454	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...		148	C11H16	001595-16-0	93
2	o-Cymene		134	C10H14	000527-84-4	91
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	70
4	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	70
5	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

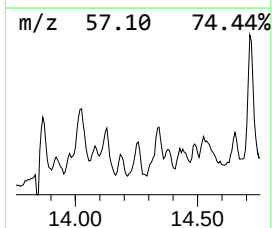
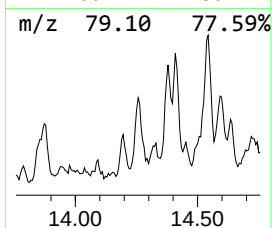
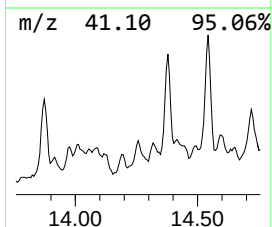
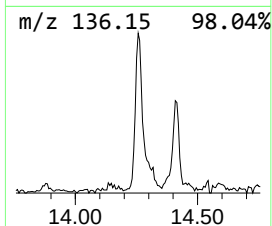
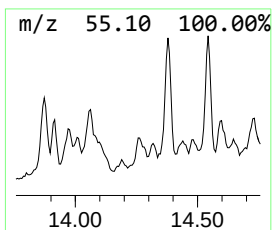
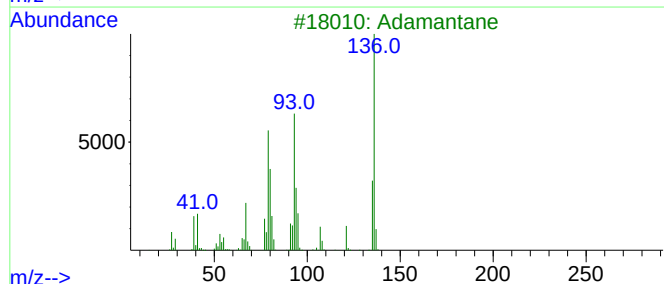
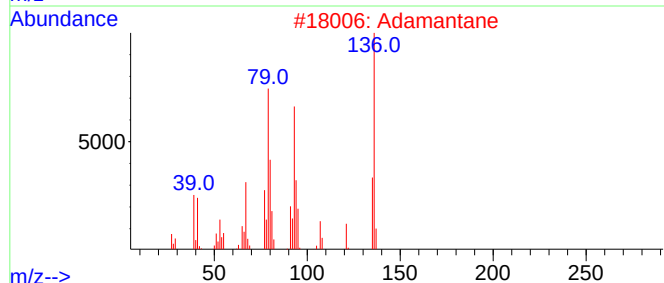
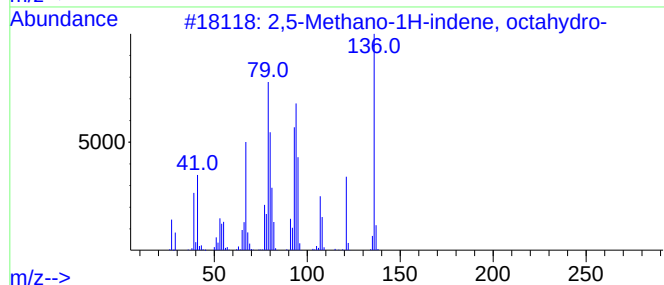
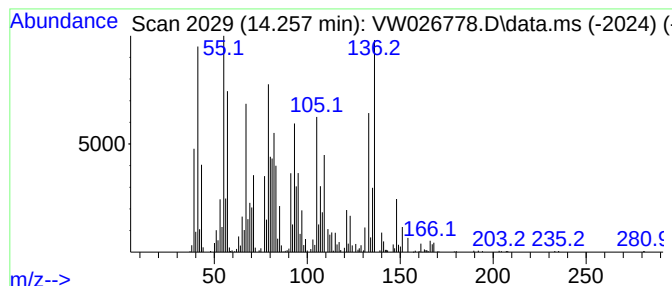
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 12 2,5-Methano-1H-indene, octa... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.257	7.51 ug/L	572673	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,5-Methano-1H-indene, octahydro-		136	C10H16	019026-94-9	64
2	Adamantane		136	C10H16	000281-23-2	60
3	Adamantane		136	C10H16	000281-23-2	49
4	Cyclohexanol, 2-methyl-5-(1-meth...		154	C10H18O	000619-01-2	46
5	Ethanol, 2-(3,3-dimethylcyclohex...		154	C10H18O	026532-23-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

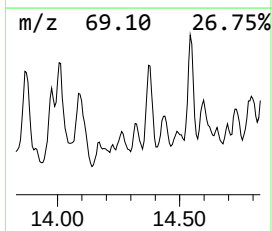
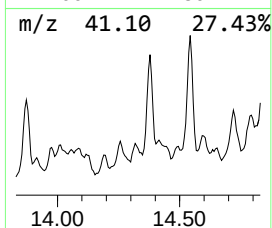
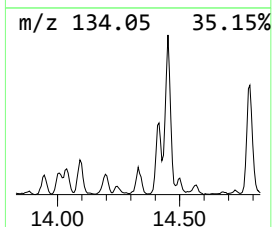
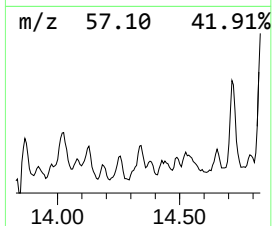
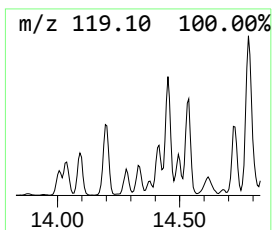
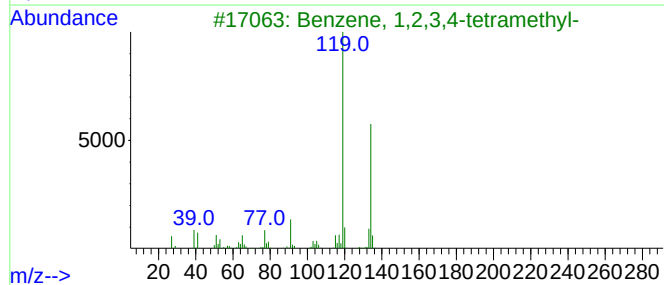
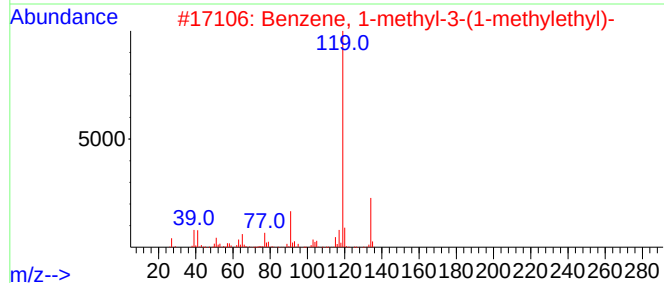
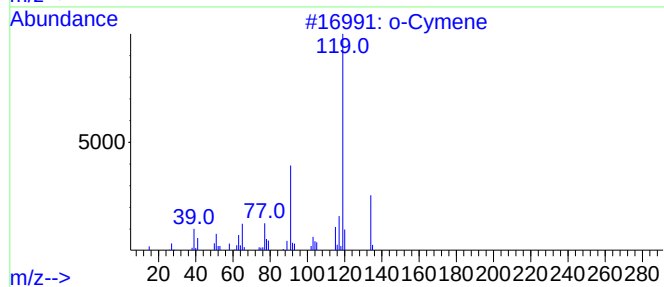
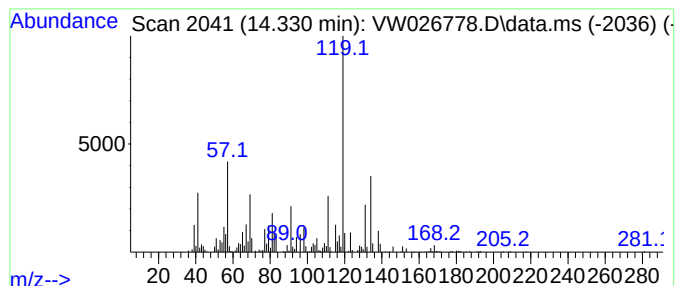
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 13 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.330	3.64 ug/L	277240	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	78
2	Benzene, 1-methyl-3-(1-methylethyl)-		134	C10H14	000535-77-3	60
3	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	60
4	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	60
5	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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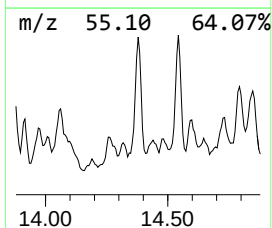
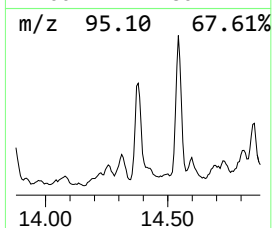
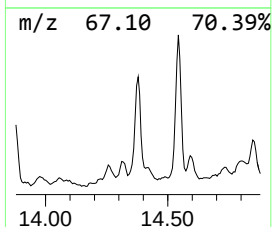
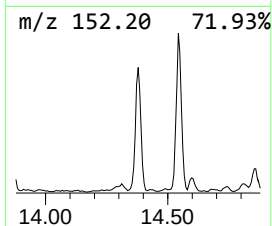
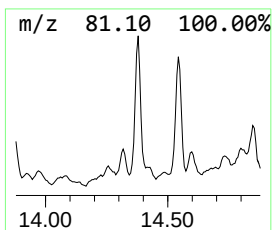
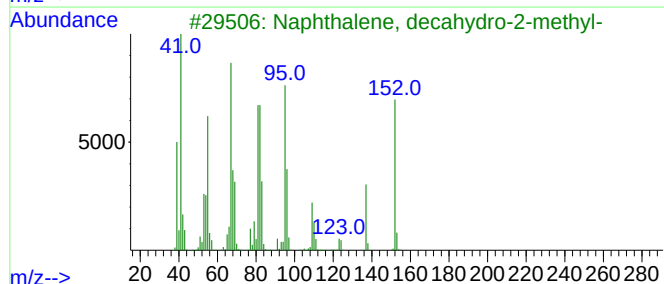
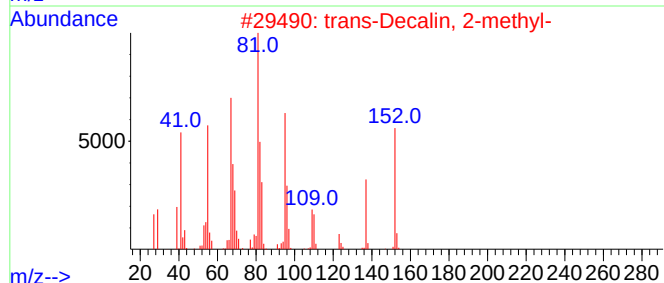
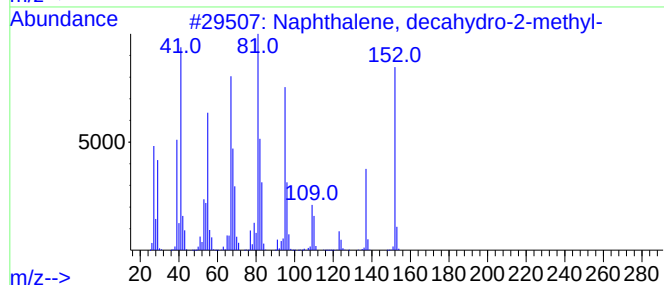
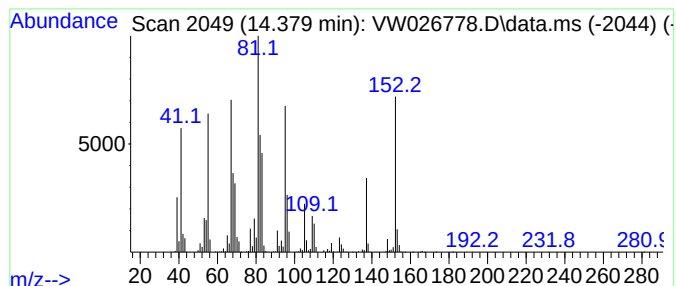
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Quant Title : SFAM01.0

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

Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	17.48 ug/L	1332550	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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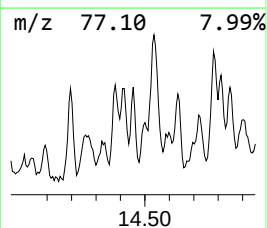
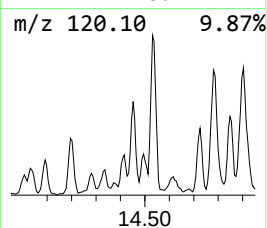
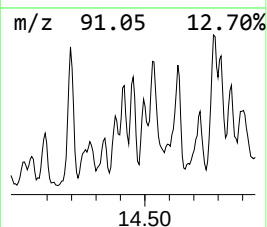
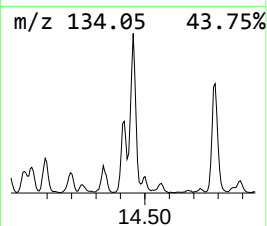
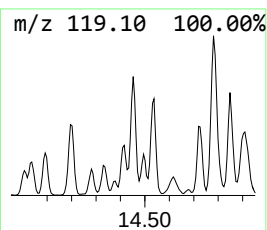
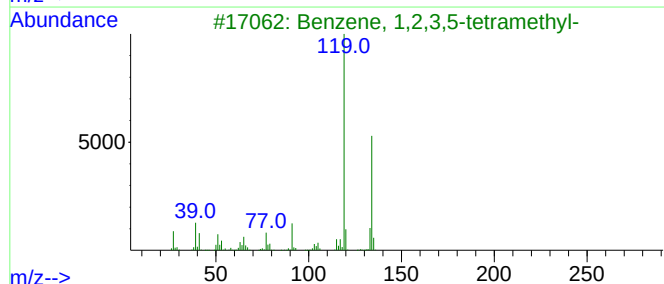
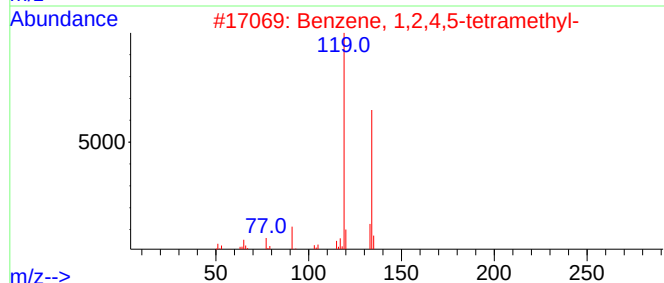
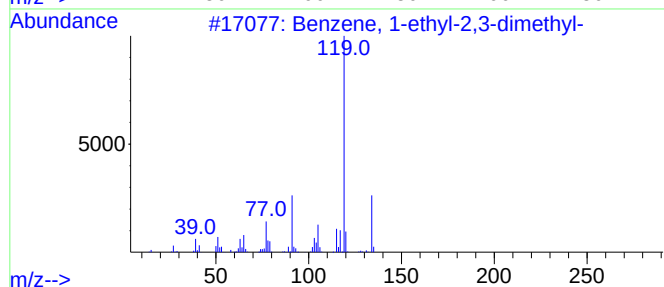
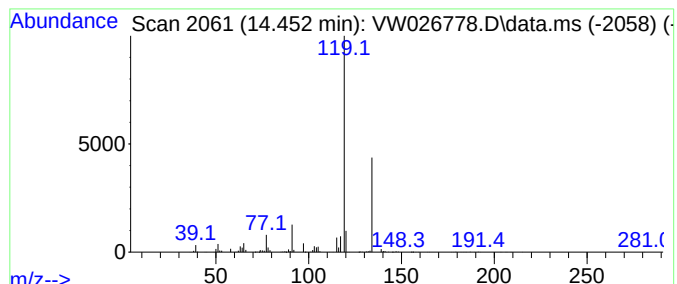
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	5.41 ug/L	412237	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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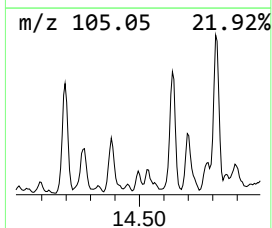
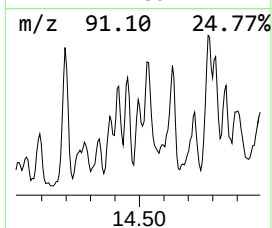
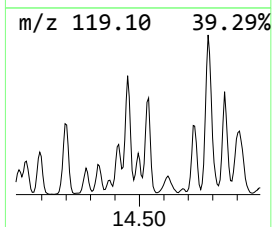
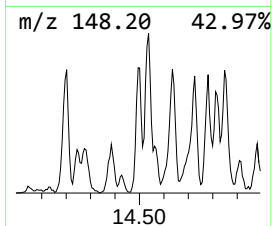
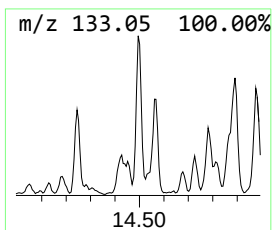
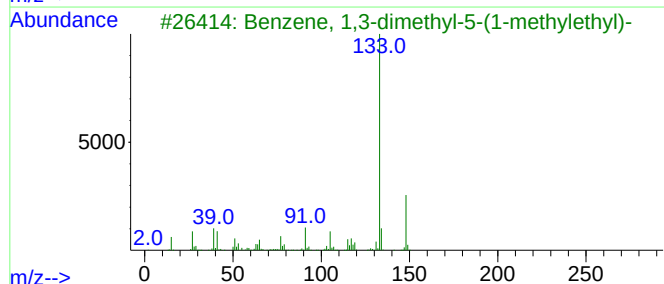
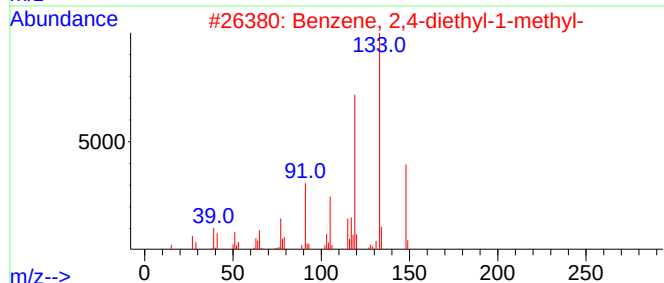
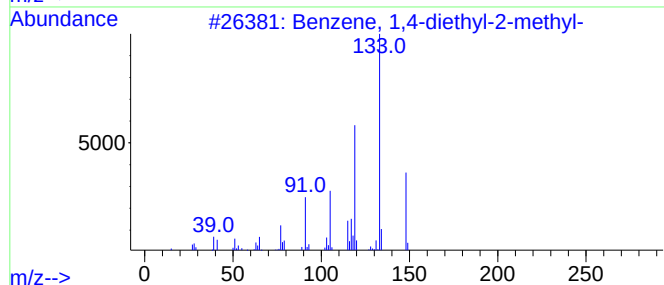
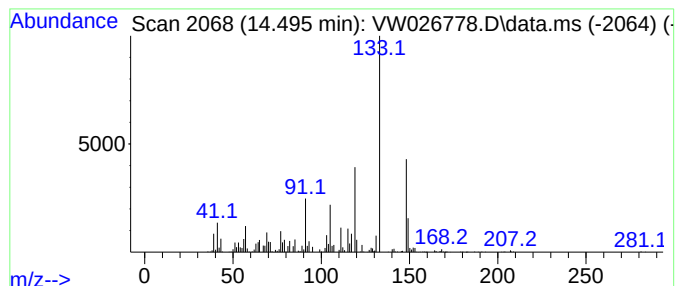
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	4.74 ug/L	361642	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	72
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
4			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	64
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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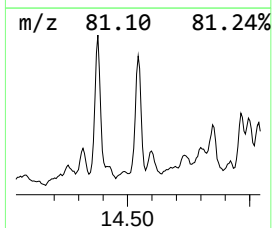
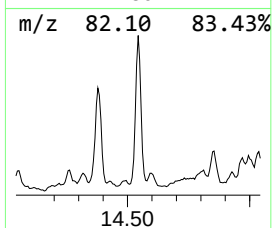
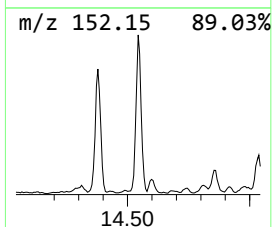
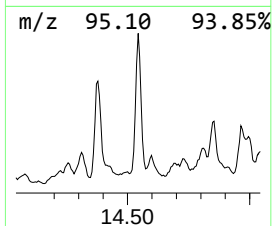
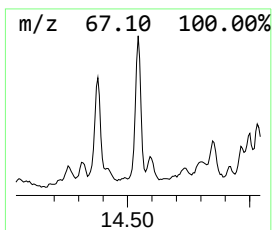
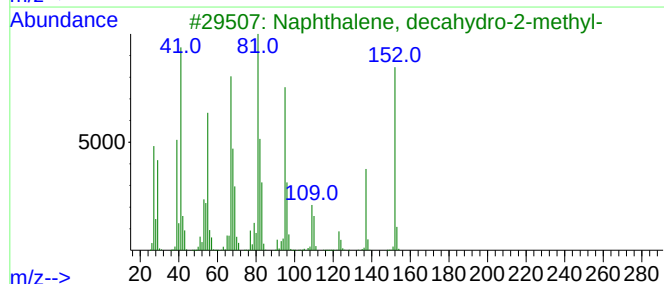
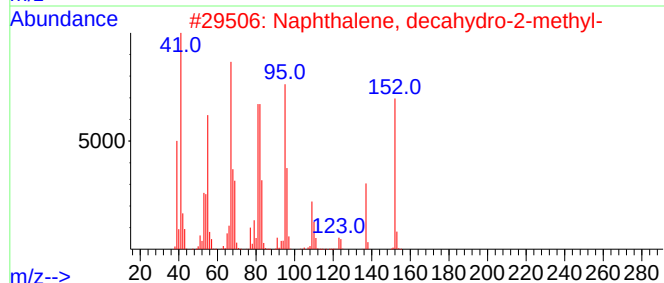
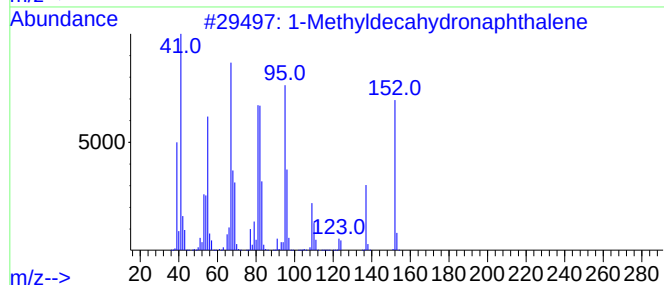
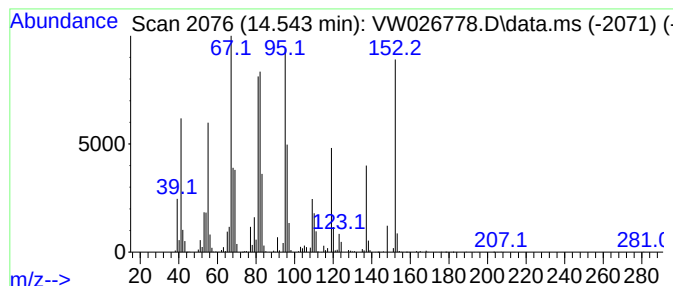
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Quant Title : SFAM01.0

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

Peak Number 17 1-Methyldecahydronaphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	25.18 ug/L	1919030	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

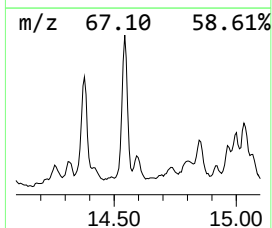
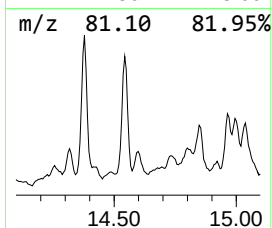
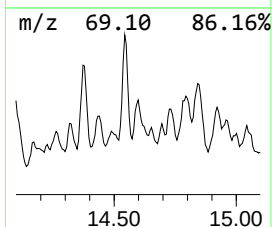
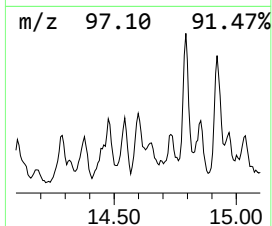
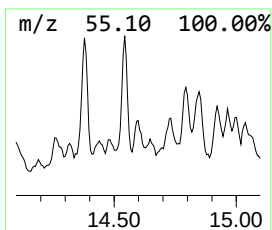
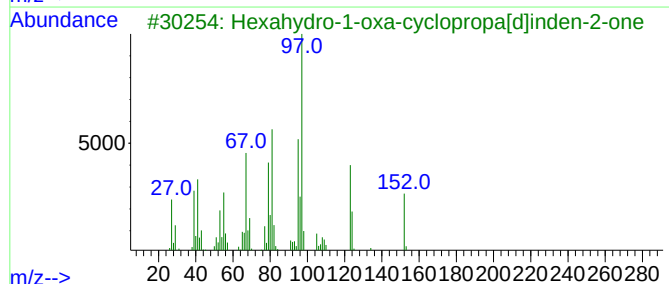
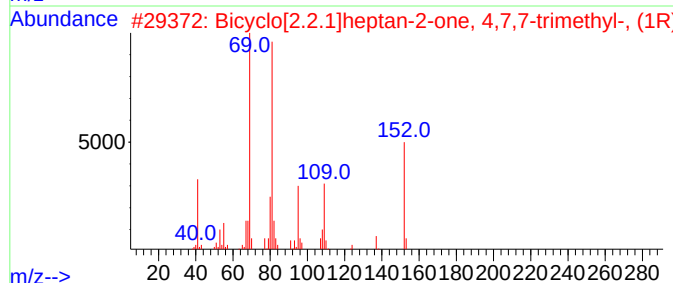
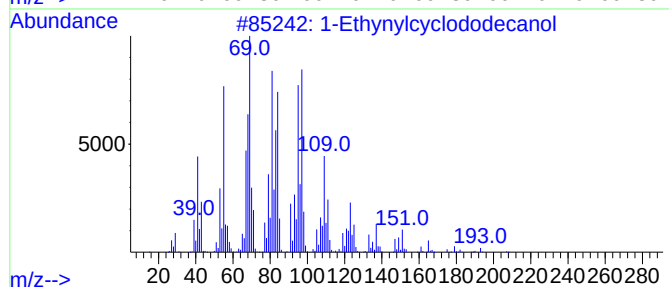
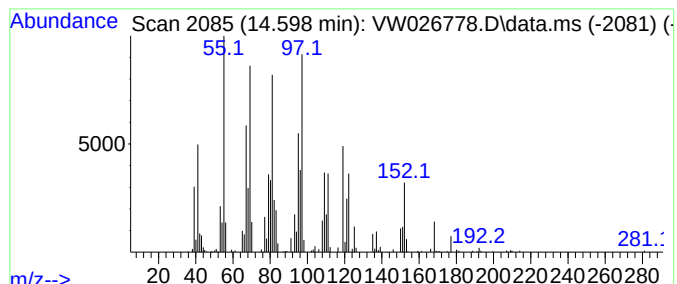
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Quant Title : SFAM01.0

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

Peak Number 18 1-Ethynylcyclododecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	4.12 ug/L	314073	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethynylcyclododecanol	208	C14H24O	1000484-40-4	58
2			Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	013854-85-8	46
3			Hexahydro-1-oxa-cyclopropa[d]ind...	152	C9H12O2	037643-23-5	38
4			2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	38
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

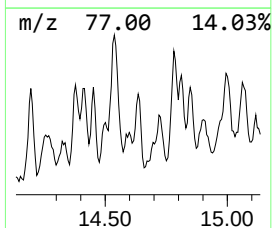
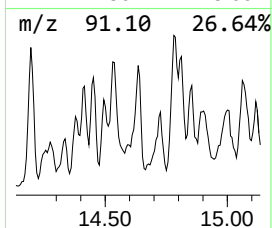
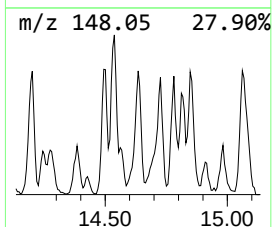
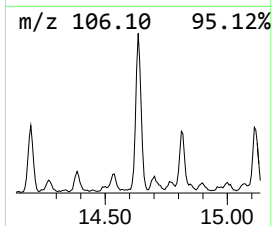
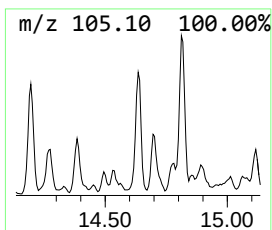
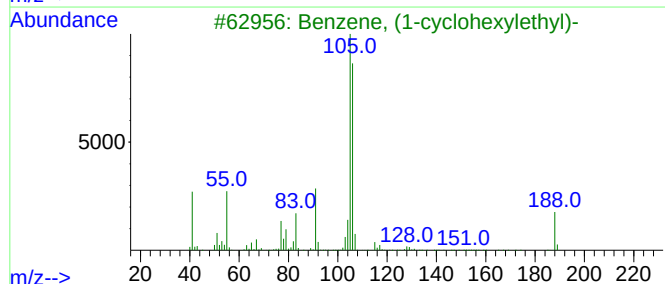
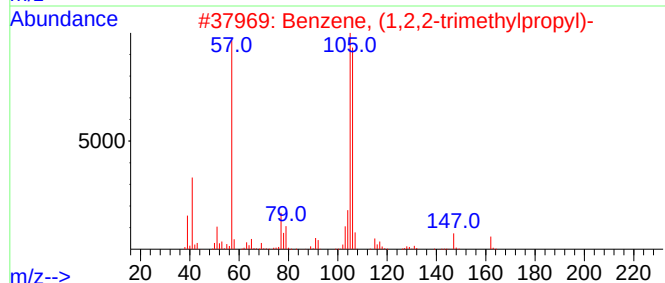
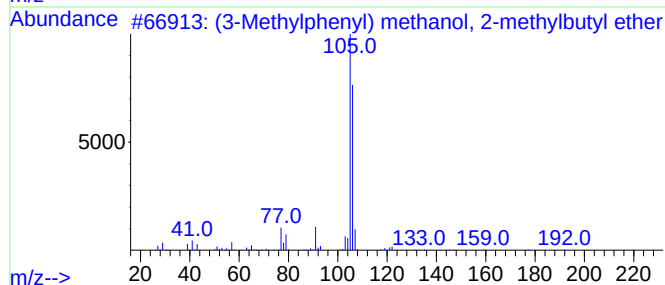
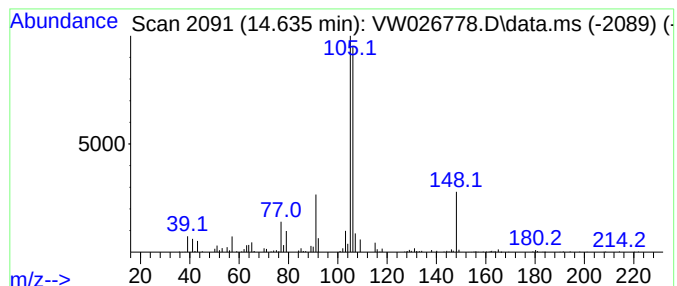
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Quant Title : SFAM01.0

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

Peak Number 19 (3-Methylphenyl) methanol, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	4.24 ug/L	323196	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	64
2			Benzene, (1,2,2-trimethylpropyl)-	162	C12H18	019262-20-5	64
3			Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	64
4			N-Benzyl-3-bromo-5-methylbenzene...	381	C16H16BrNO3S	1000505-09-5	59
5			(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

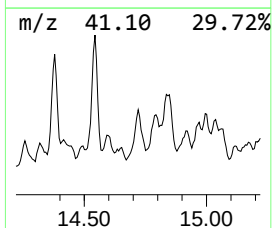
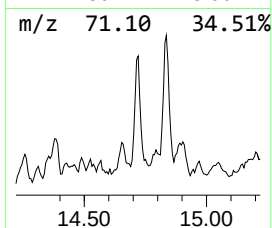
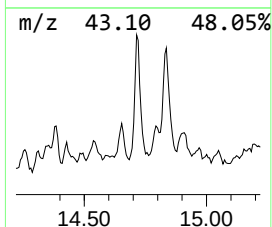
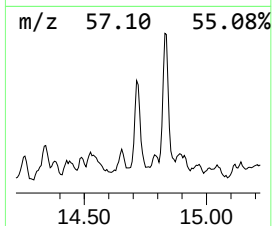
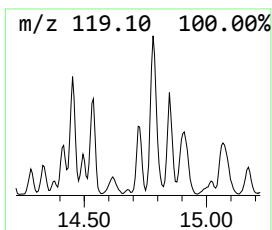
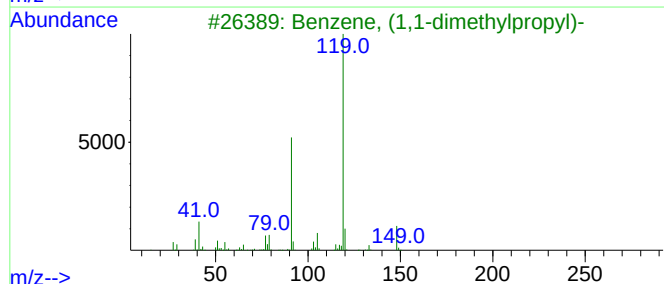
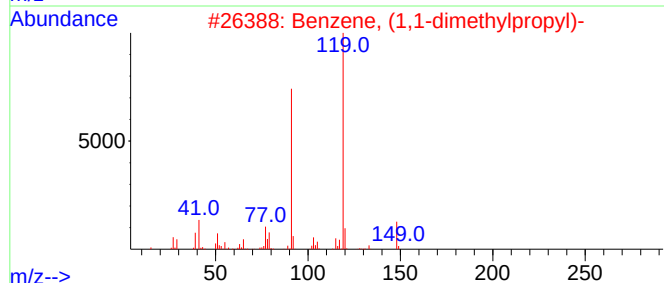
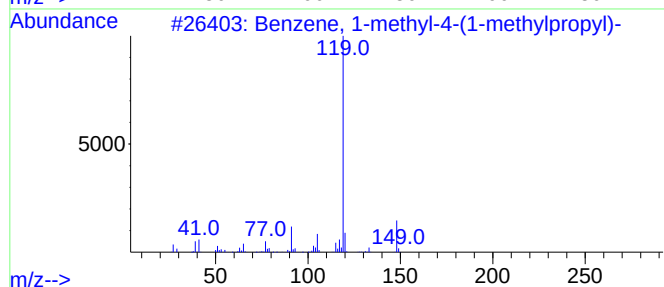
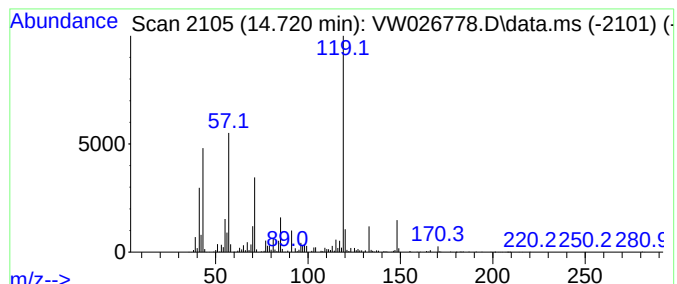
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, (1,1-dimethylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	7.30 ug/L	556439	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
5			Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

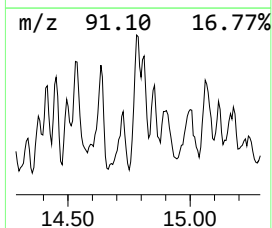
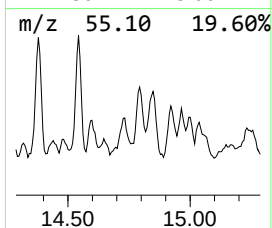
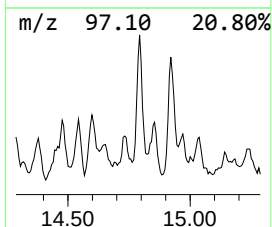
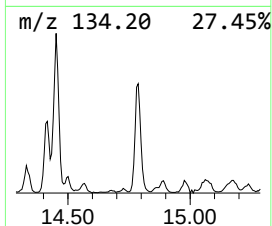
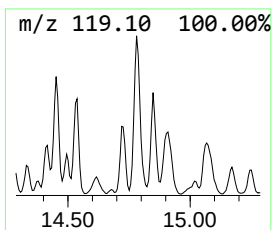
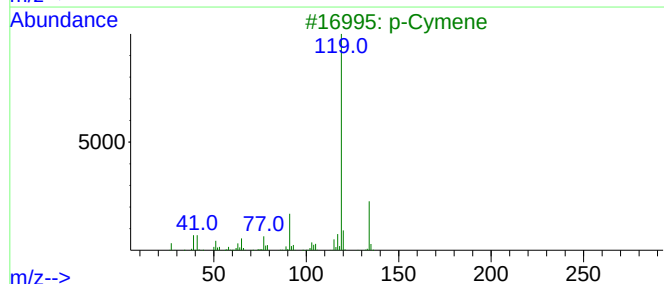
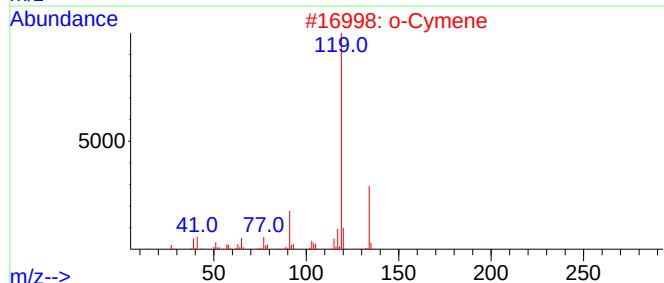
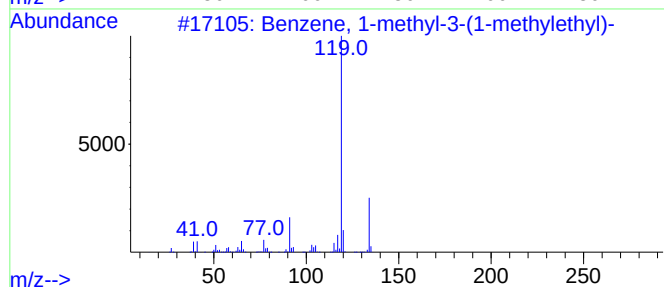
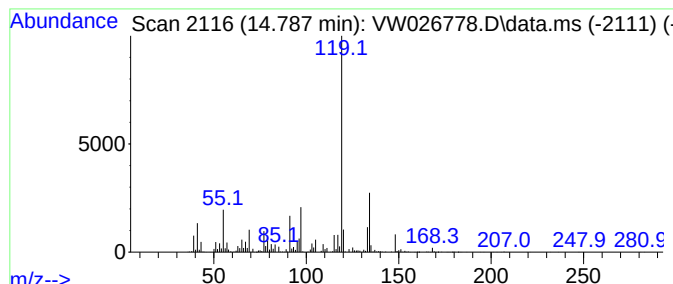
Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.787	18.14 ug/L	1382790	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	92
2	o-Cymene		134	C10H14	000527-84-4	92
3	p-Cymene		134	C10H14	000099-87-6	92
4	o-Cymene		134	C10H14	000527-84-4	86
5	o-Cymene		134	C10H14	000527-84-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

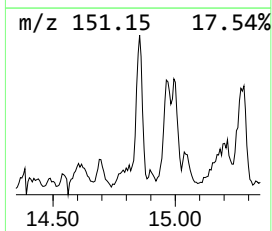
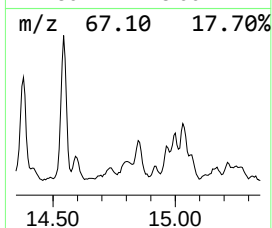
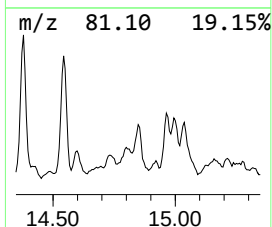
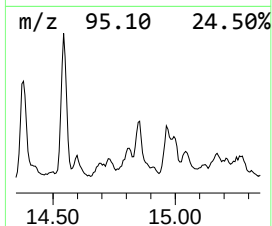
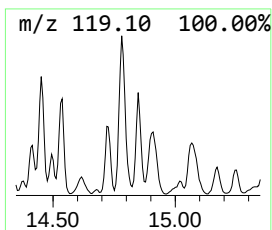
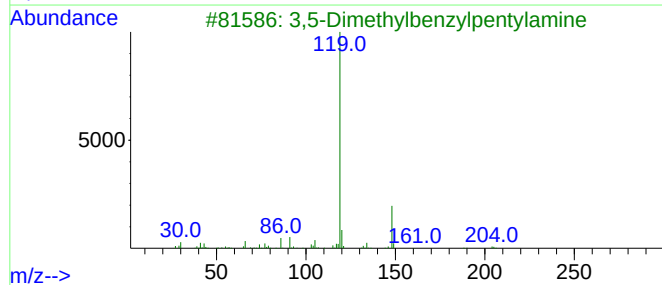
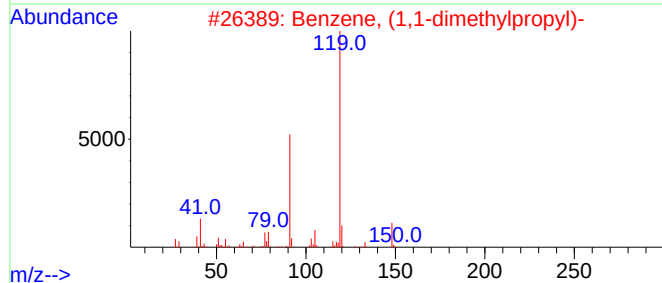
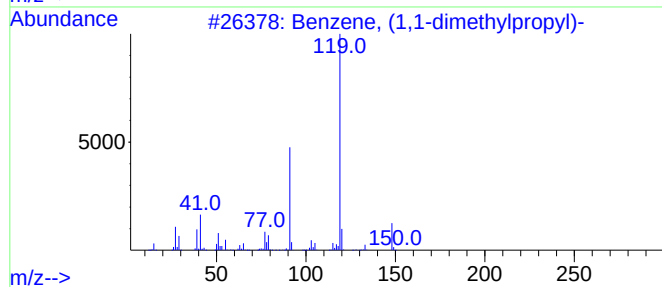
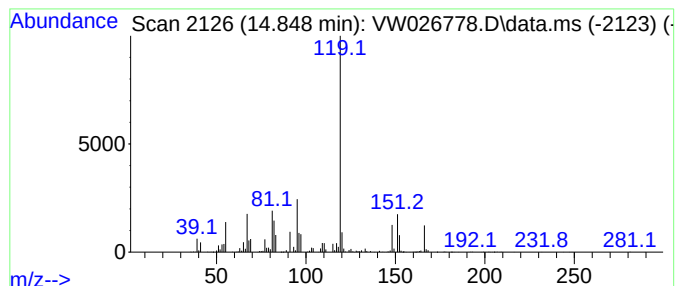
Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

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Quant Title : SFAM01.0

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

Peak Number 22 3,5-Dimethylbenzylpentylamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.848	10.54 ug/L	803280	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	50
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

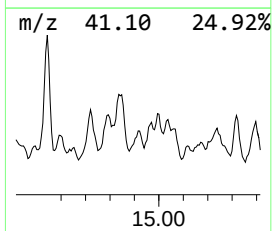
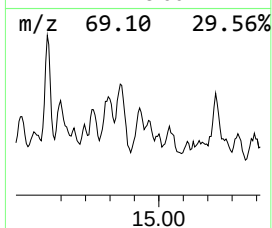
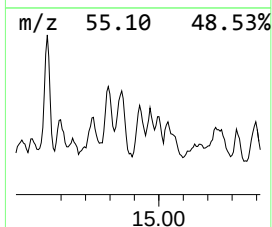
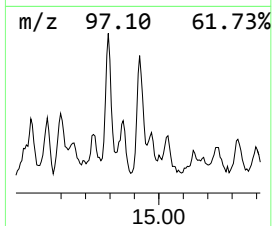
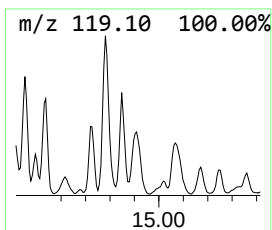
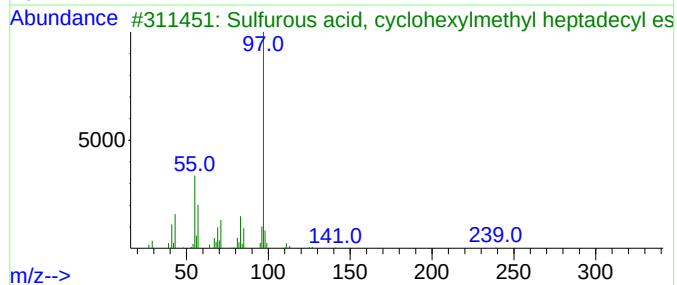
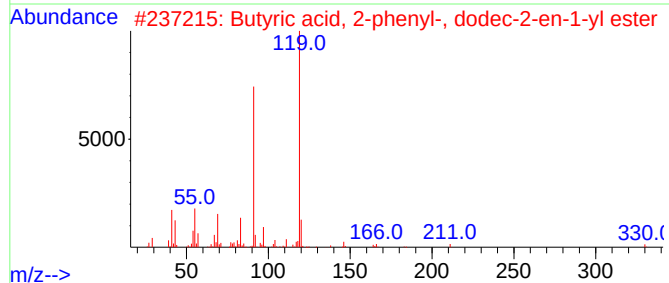
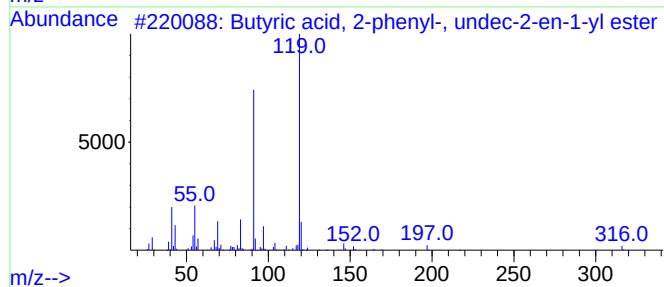
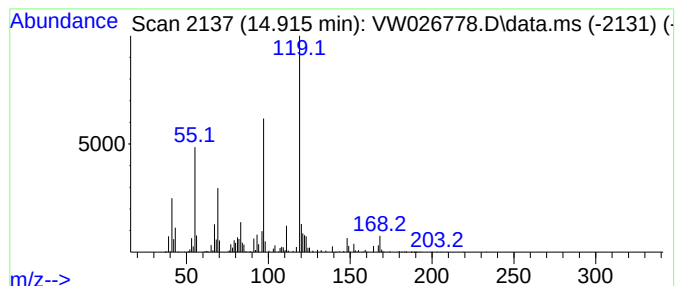
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.915	5.52 ug/L	421087	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyric acid, 2-phenyl-, undec-2...	316	C21H32O2	1000406-92-0	47
2			Butyric acid, 2-phenyl-, dodec-2...	330	C22H34O2	1000406-86-7	37
3			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	14
4			2-(3-Methyl-2,5-dihydro-1H-pyraz...	127	C6H13N3	1000387-20-9	10
5			Cyclohexanecarboxylic acid, 4-pe...	292	C18H25F02	079912-83-7	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

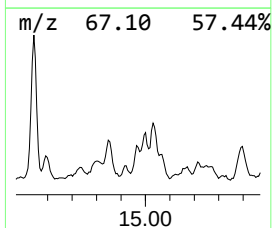
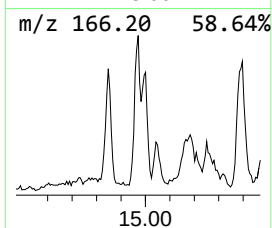
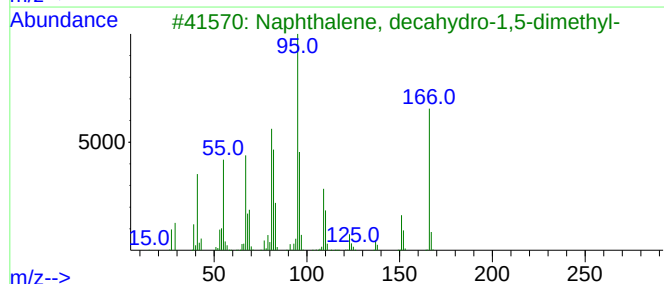
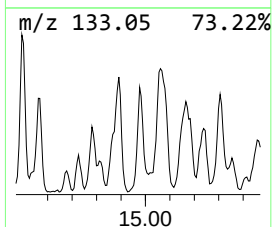
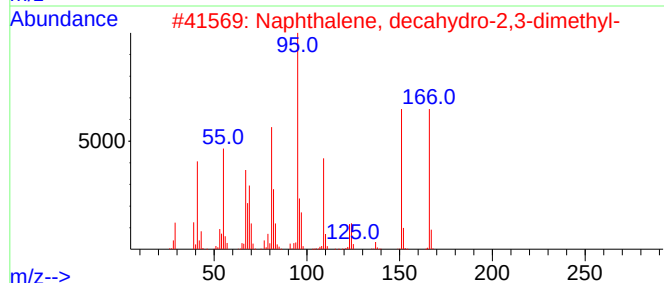
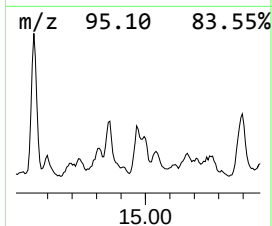
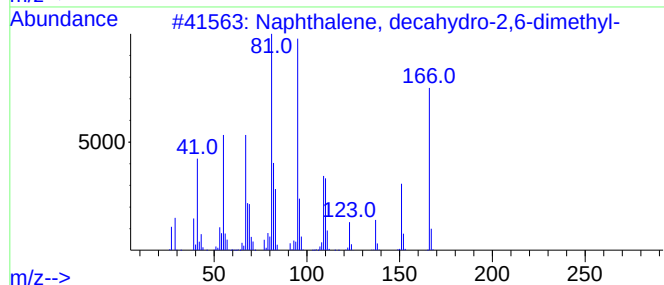
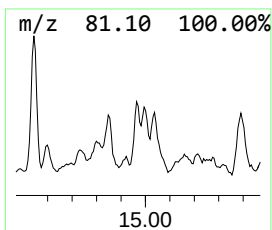
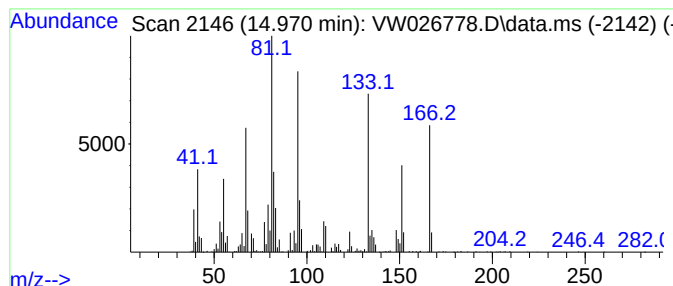
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Quant Title : SFAM01.0

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

Peak Number 24 Naphthalene, decahydro-2,6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.970	5.21 ug/L	397461	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	86
2			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	43
3			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	42
4			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	41
5			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

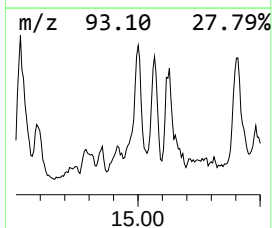
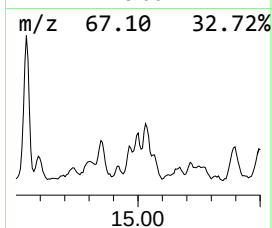
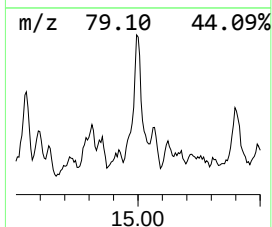
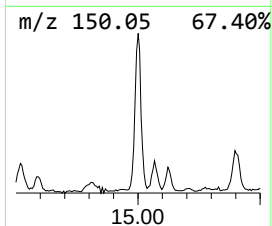
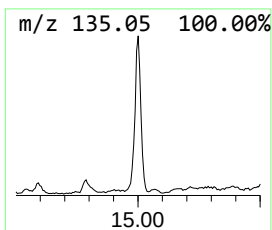
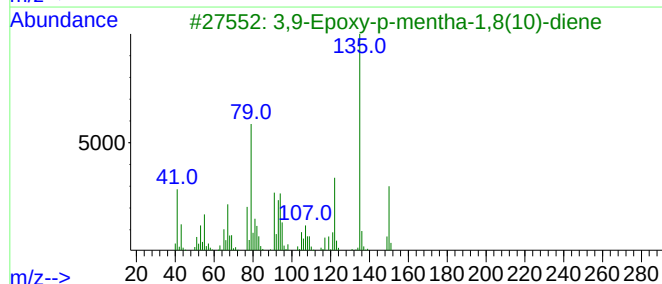
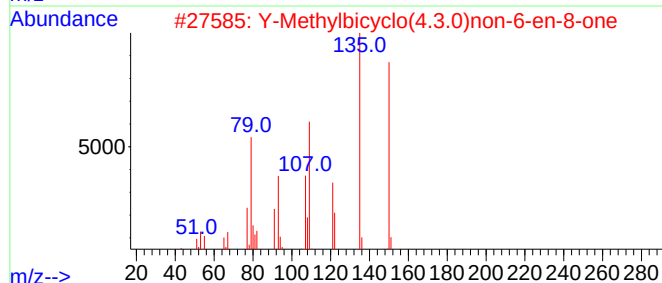
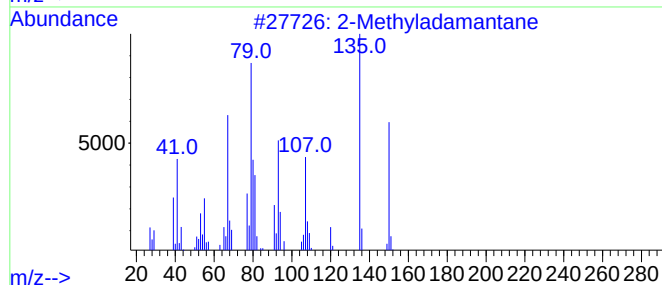
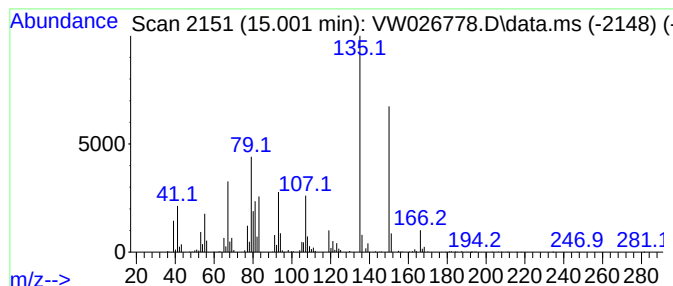
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Quant Title : SFAM01.0

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

Peak Number 25 2-Methyladamantane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.001	4.31 ug/L	328502	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyladamantane	150	C11H18	000700-56-1	91
2			Y-Methylbicyclo(4.3.0)non-6-en-8...	150	C10H14O	1000424-65-9	68
3			3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	62
4			1-Adamantanemethanol	166	C11H18O	000770-71-8	52
5			Tricyclo[3.3.1.1(3,7)]decane, 2-...	181	C10H15NO2	054564-31-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

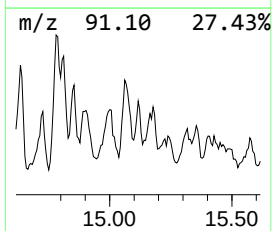
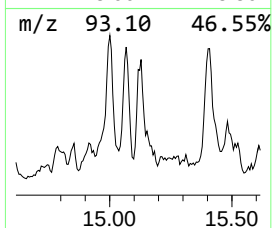
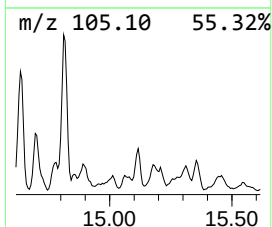
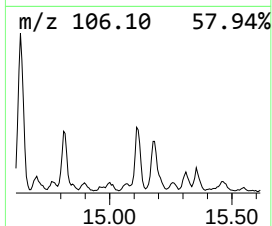
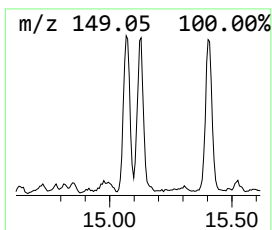
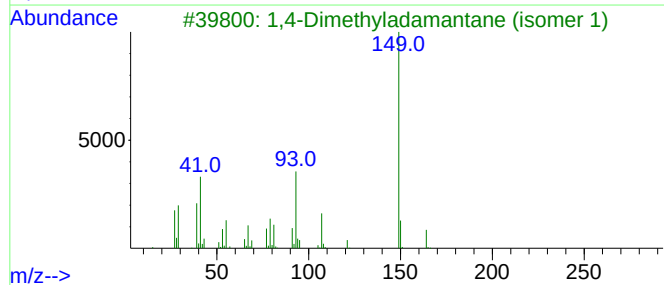
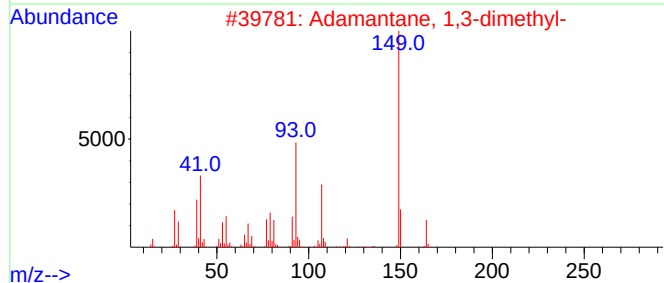
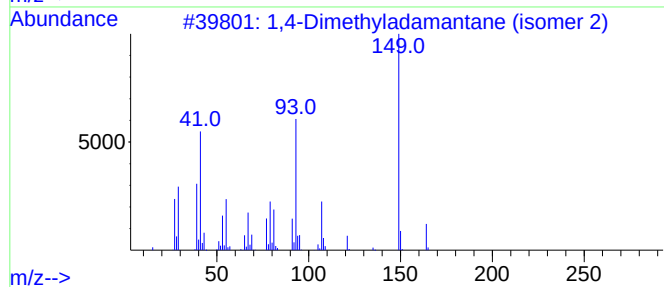
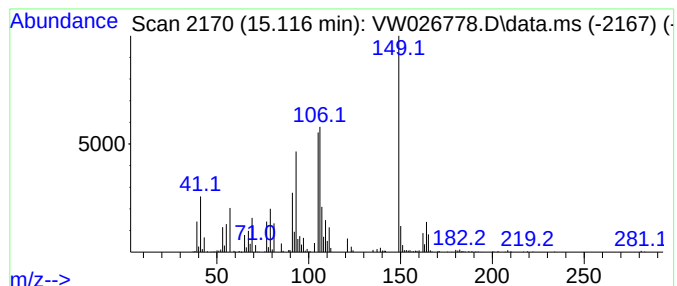
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Quant Title : SFAM01.0

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

Peak Number 26 1,4-Dimethyladamantane (iso... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	2.31 ug/L	176339	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	86
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	78
3			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	64
4			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	62
5			Added stereo to name	164	C12H20	024145-88-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

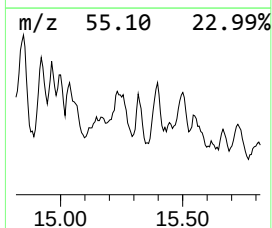
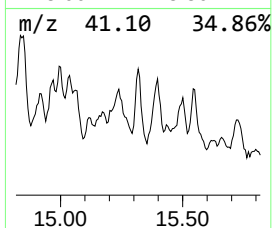
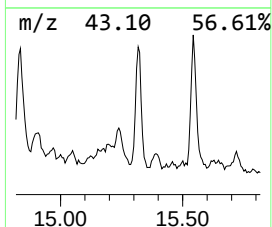
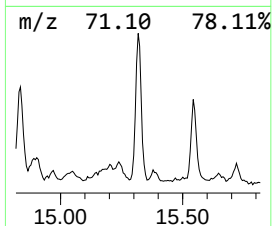
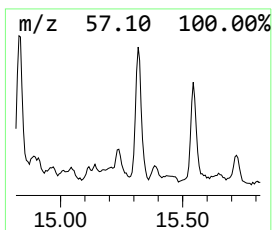
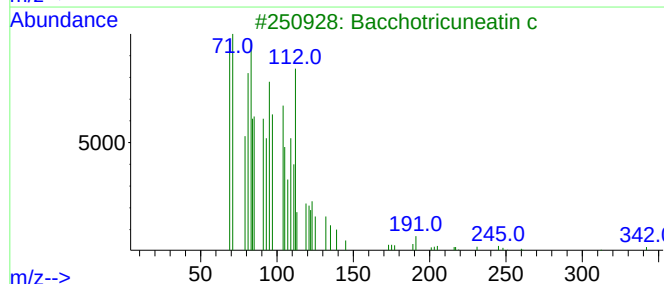
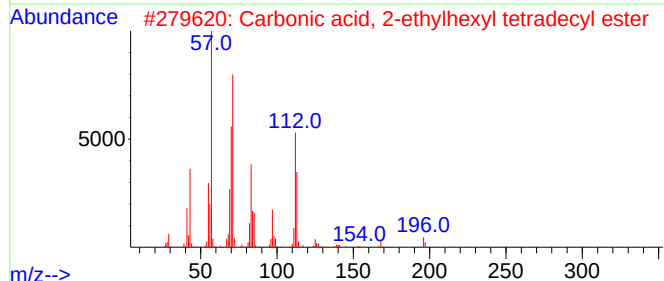
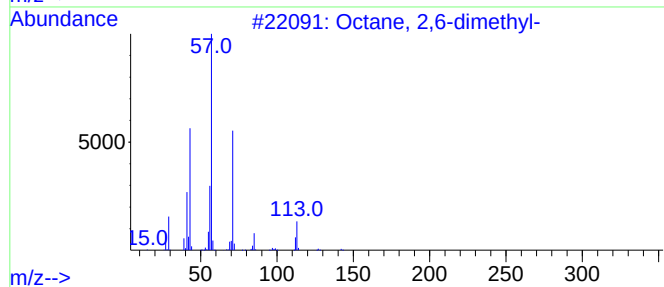
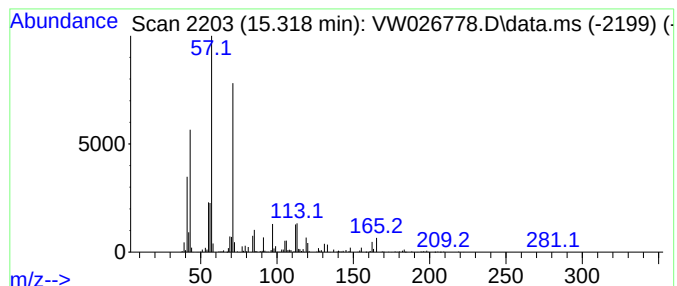
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	5.41 ug/L	412596	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	72
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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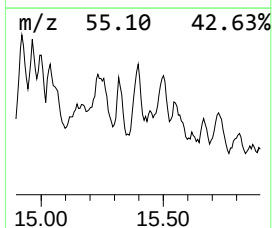
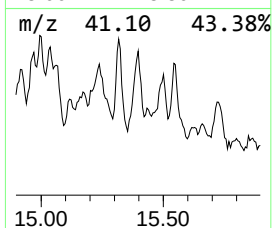
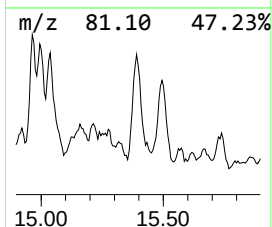
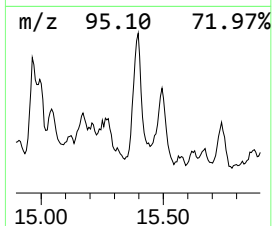
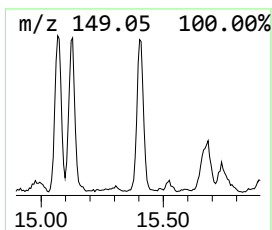
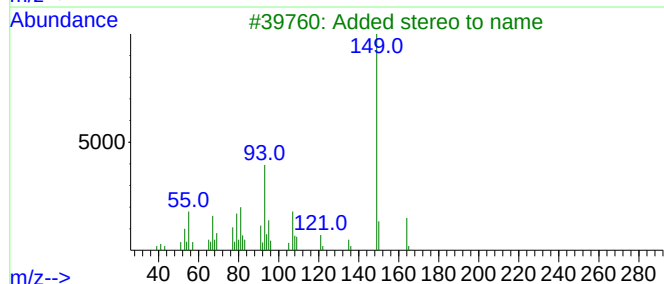
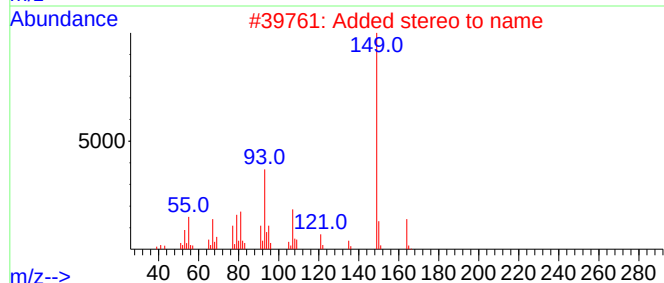
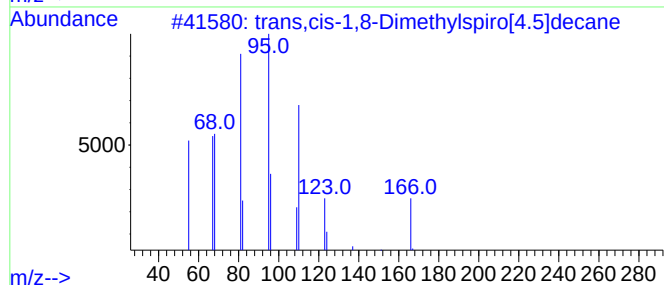
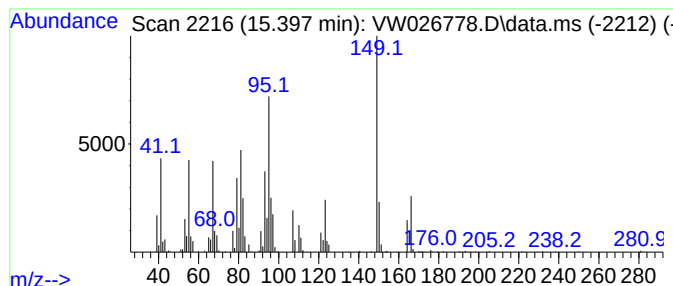
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Quant Title : SFAM01.0

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

Peak Number 28 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	5.19 ug/L	395884	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	43
2			Added stereo to name	164	C12H20	024145-89-9	43
3			Added stereo to name	164	C12H20	024145-88-8	43
4			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	43
5			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

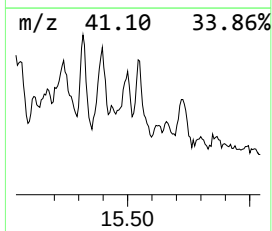
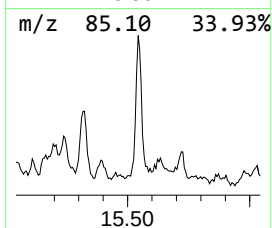
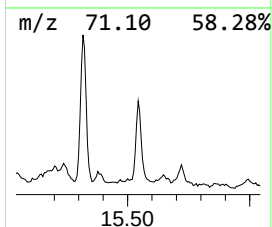
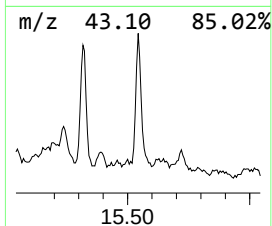
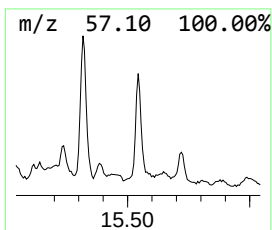
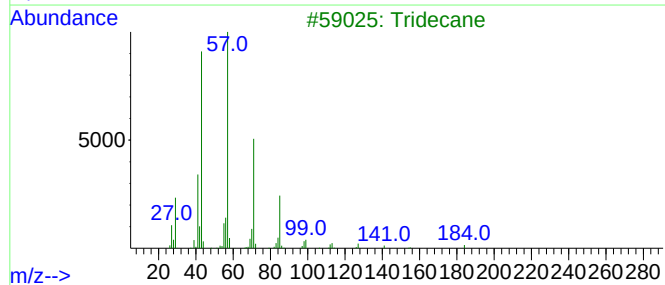
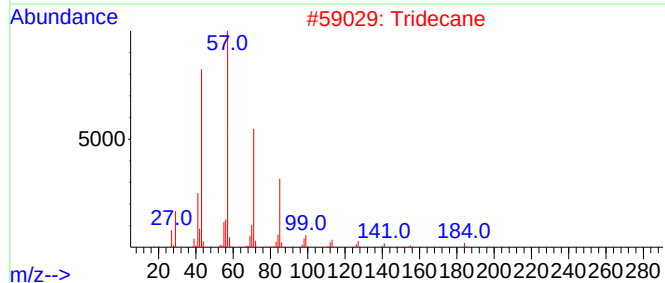
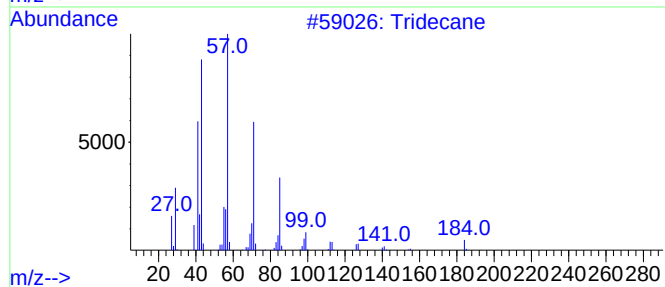
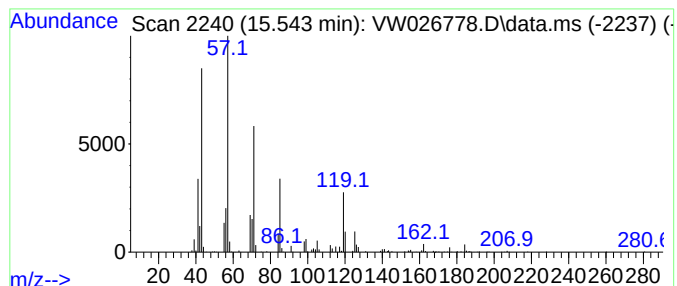
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	6.65 ug/L	506705	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Tridecane	184	C13H28	000629-50-5	64
3		Tridecane	184	C13H28	000629-50-5	58
4		Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	53
5		Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

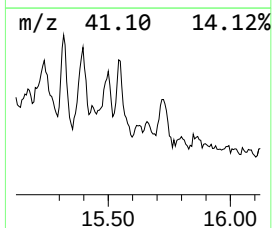
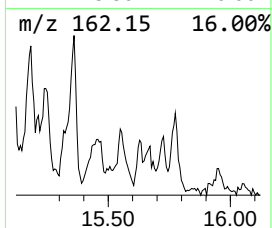
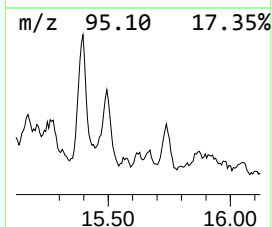
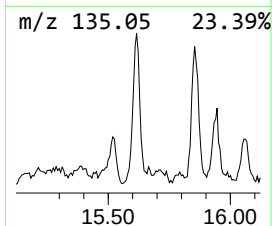
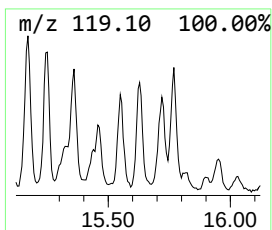
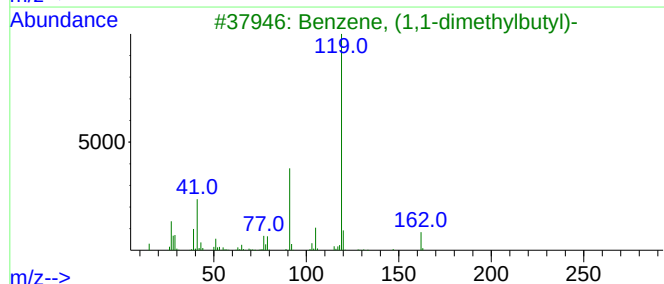
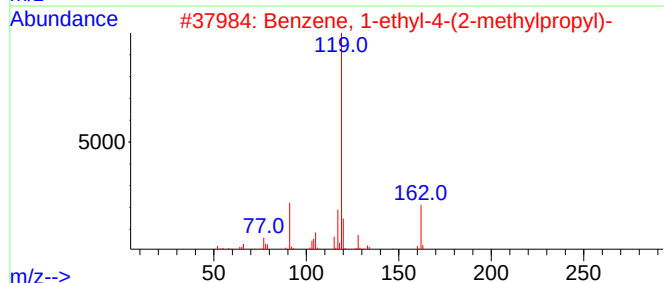
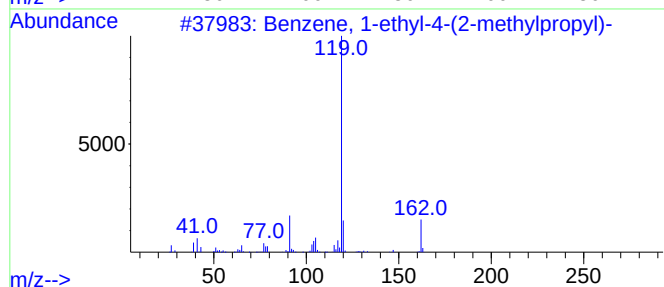
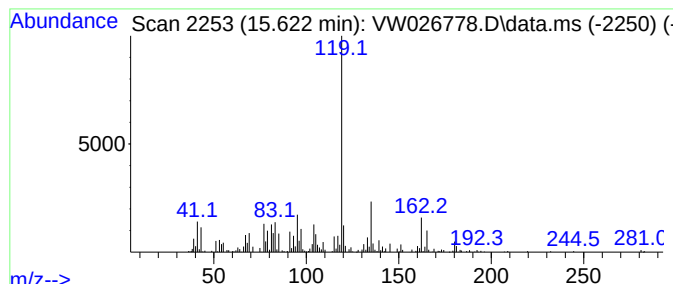
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TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-05

Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	1.57 ug/L	119480	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	49
2			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	49
3			Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	49
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47
5			Bis[2,4-dimethylbenzyl]sulfone	302	C18H22O2S	1000251-42-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

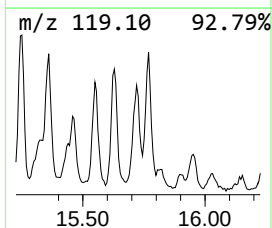
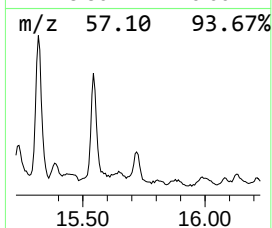
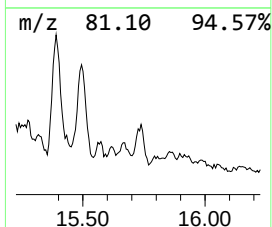
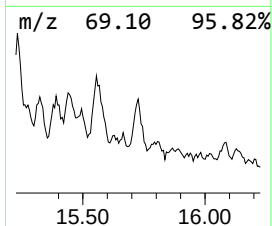
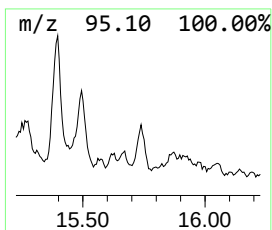
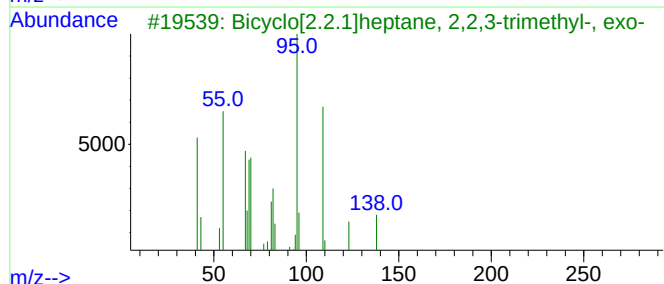
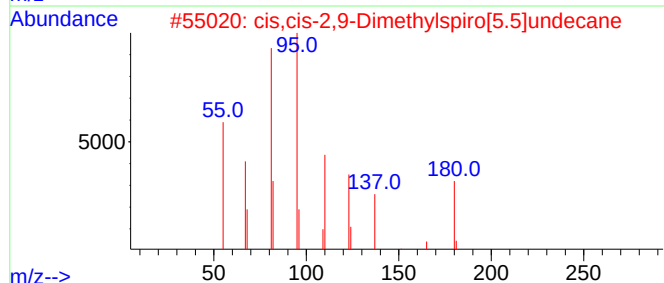
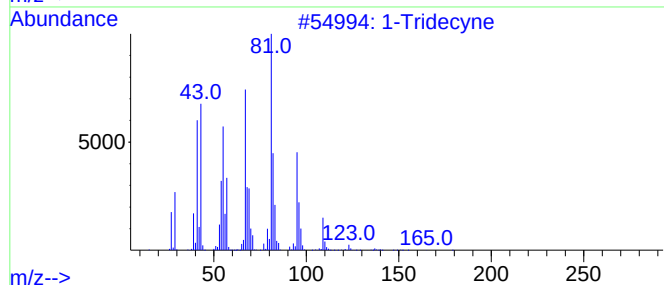
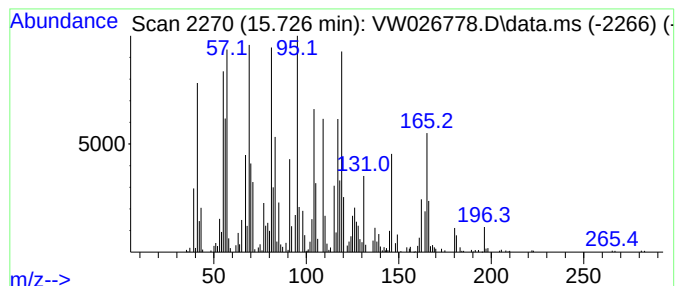
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Quant Title : SFAM01.0

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

Peak Number 31 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	6.35 ug/L	483990	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tridecyne	180	C13H24	026186-02-7	22
2			cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	20
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	15
4			Benzene, cyclopentyl-	146	C11H14	000700-88-9	15
5			2-(2-Hydroxycycloheptyl)-furan	180	C11H16O2	1000145-02-9	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

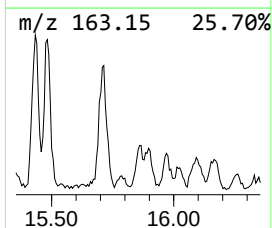
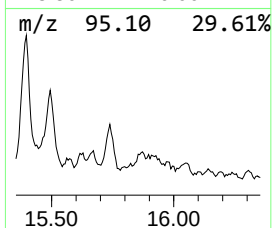
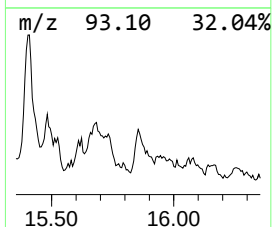
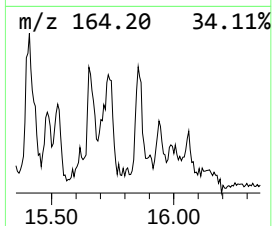
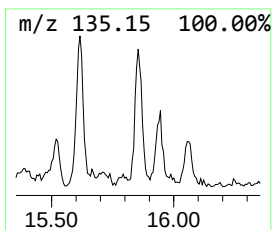
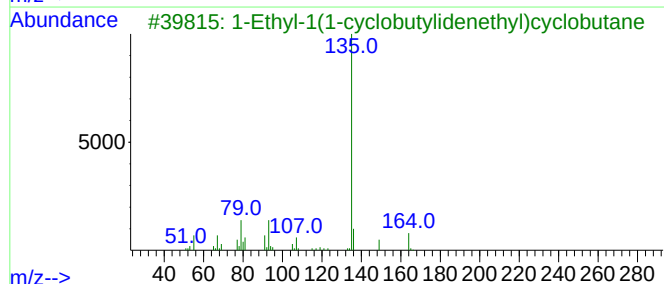
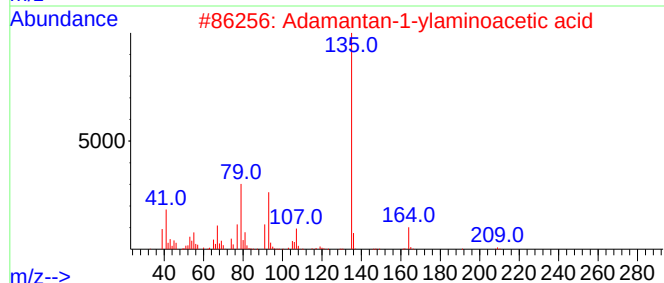
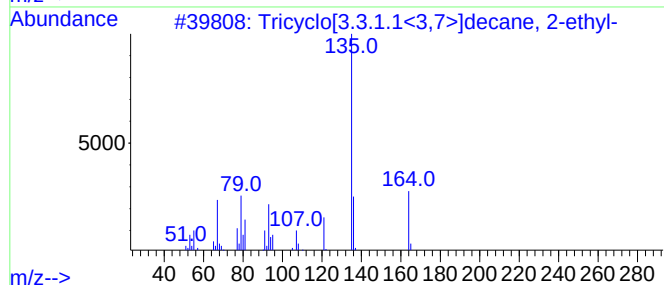
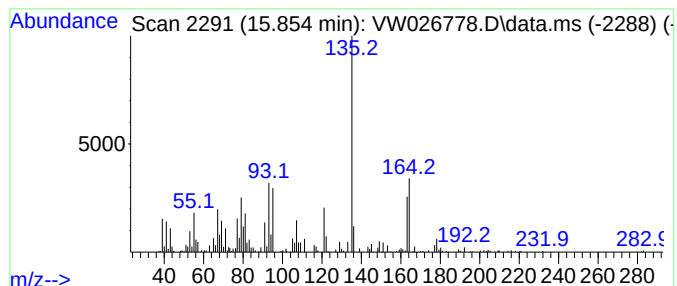
Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 Adamantan-1-ylaminoacetic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.854	1.83 ug/L	139357	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.1.1<3,7>]decane, 2-...	164	C12H20	014451-87-7	76
2	Adamantan-1-ylaminoacetic acid	209	C12H19NO2	1000316-74-7	62
3	1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	58
4	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	58
5	Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

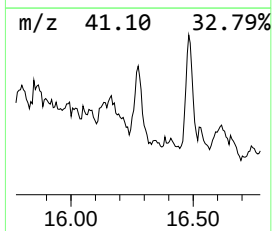
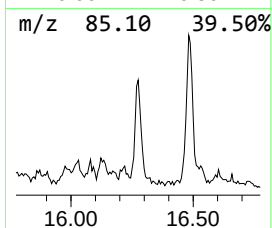
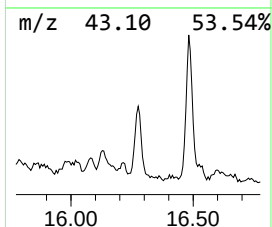
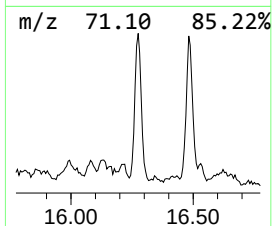
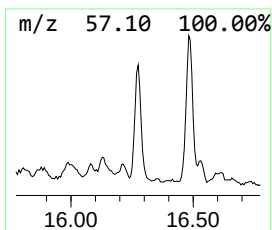
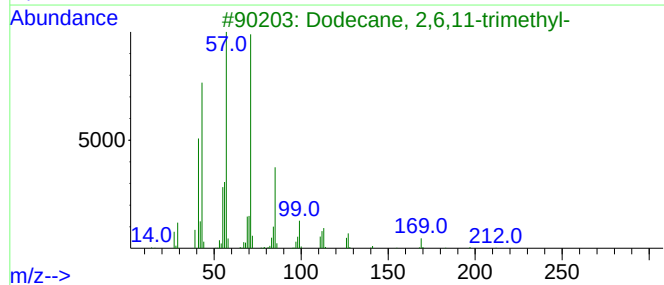
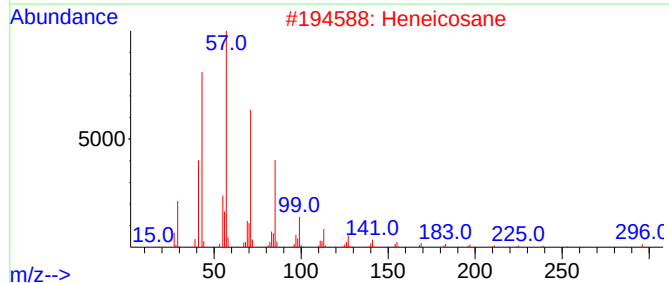
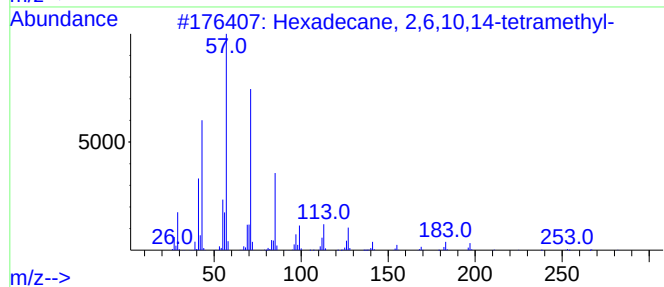
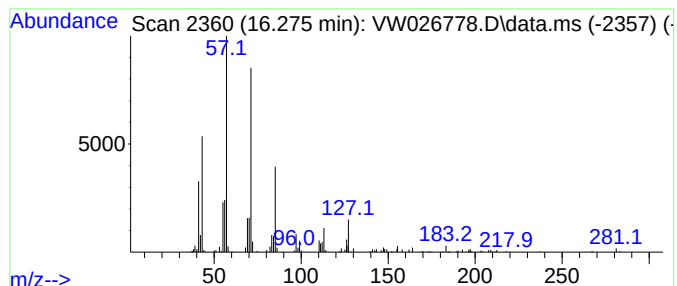
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	3.66 ug/L	279176	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Heneicosane	296	C21H44	000629-94-7	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Octadecane	254	C18H38	000593-45-3	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026778.D
Acq On : 18 Aug 2023 18:34
Operator : SY/MD
Sample : 04037-02
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ7

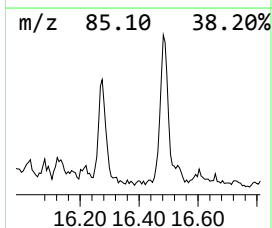
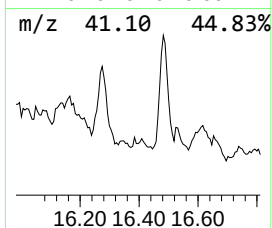
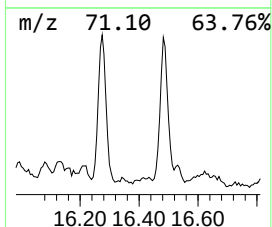
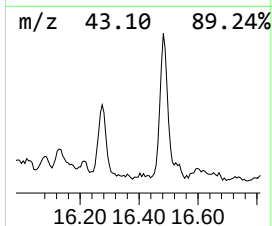
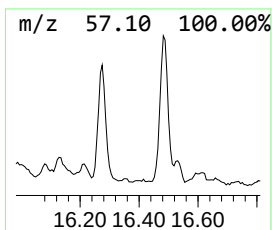
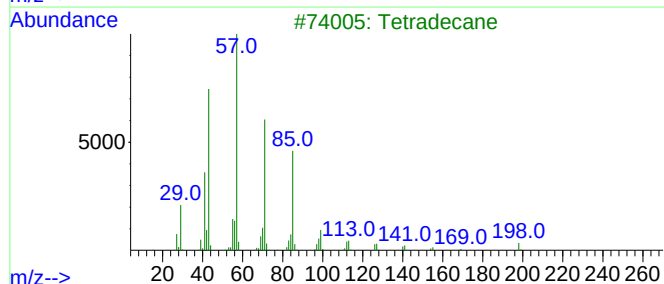
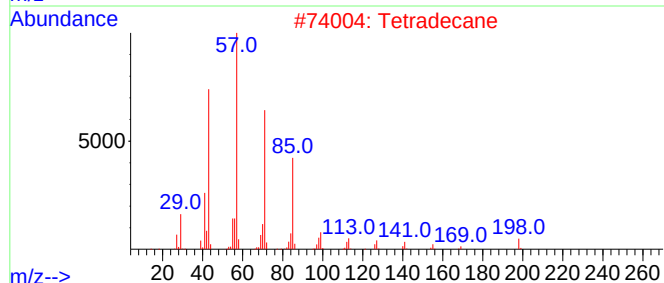
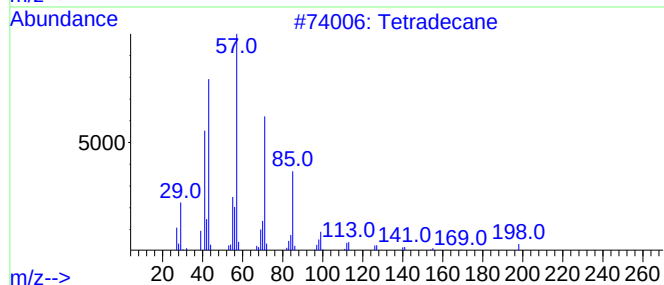
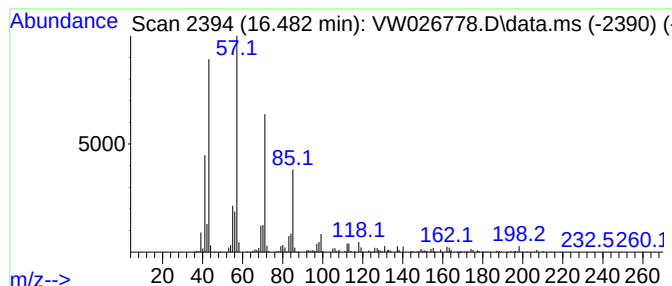
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	3.76 ug/L	286611	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	93
3			Tetradecane	198	C14H30	000629-59-4	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026778.D
 Acq On : 18 Aug 2023 18:34
 Operator : SY/MD
 Sample : 04037-02
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYZJ7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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
unknown-01	12.940	1.7	ug/L	131143	3	13.556	1905560	25.0
(DEL) Alkane: S...	13.159	1.4	ug/L	108798	3	13.556	1905560	25.0
unknown-02	13.440	2.0	ug/L	150164	3	13.556	1905560	25.0
(DEL) Alkane: S...	13.696	2.5	ug/L	189304	3	13.556	1905560	25.0
Benzene, 1-meth...	13.739	1.5	ug/L	117190	3	13.556	1905560	25.0
Benzene, 1-ethy...	13.787	2.3	ug/L	171976	3	13.556	1905560	25.0
(DEL) Alkane: S...	13.976	1.6	ug/L	124296	3	13.556	1905560	25.0
Benzene, 4-ethy...	14.007	1.8	ug/L	138838	3	13.556	1905560	25.0
Benzene, 1-meth...	14.092	2.6	ug/L	202026	3	13.556	1905560	25.0
Benzene, 1-meth...	14.196	8.6	ug/L	655454	3	13.556	1905560	25.0
2,5-Methano-1H-...	14.257	7.5	ug/L	572673	3	13.556	1905560	25.0
o-Cymene	14.330	3.6	ug/L	277240	3	13.556	1905560	25.0
Naphthalene, de...	14.379	17.5	ug/L	1332550	3	13.556	1905560	25.0
Benzene, 1-ethy...	14.452	5.4	ug/L	412237	3	13.556	1905560	25.0
Benzene, 1,4-di...	14.495	4.7	ug/L	361642	3	13.556	1905560	25.0
1-Methyldecahyd...	14.543	25.2	ug/L	1919030	3	13.556	1905560	25.0
1-Ethynylcyclod...	14.598	4.1	ug/L	314073	3	13.556	1905560	25.0
(3-Methylphenyl...	14.635	4.2	ug/L	323196	3	13.556	1905560	25.0
Benzene, (1,1-d...	14.720	7.3	ug/L	556439	3	13.556	1905560	25.0
p-Cymene	14.787	18.1	ug/L	1382790	3	13.556	1905560	25.0
3,5-Dimethylben...	14.848	10.5	ug/L	803280	3	13.556	1905560	25.0
unknown-03	14.915	5.5	ug/L	421087	3	13.556	1905560	25.0
Naphthalene, de...	14.970	5.2	ug/L	397461	3	13.556	1905560	25.0
2-Methyladamantane	15.001	4.3	ug/L	328502	3	13.556	1905560	25.0
1,4-Dimethylada...	15.116	2.3	ug/L	176339	3	13.556	1905560	25.0
(DEL) Alkane: S...	15.318	5.4	ug/L	412596	3	13.556	1905560	25.0
unknown-04	15.397	5.2	ug/L	395884	3	13.556	1905560	25.0
(DEL) Alkane: S...	15.543	6.7	ug/L	506705	3	13.556	1905560	25.0
unknown-05	15.622	1.6	ug/L	119480	3	13.556	1905560	25.0
unknown-06	15.726	6.3	ug/L	483990	3	13.556	1905560	25.0
Adamantan-1-yla...	15.854	1.8	ug/L	139357	3	13.556	1905560	25.0
(DEL) Alkane: S...	16.275	3.7	ug/L	279176	3	13.556	1905560	25.0
(DEL) Alkane: S...	16.482	3.8	ug/L	286611	3	13.556	1905560	25.0