

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020350.D
 Acq On : 07 Oct 2021 06:39
 Operator : SY/VA
 Sample : M4000-17
 Misc : 7.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW910

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\SFAMWLM100621SMA.M

Title : SFAM01.0

Signal : TIC: VW020350.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	64	73	81	rBV2	132795	228052	13.62%	0.623%
2	2.879	153	160	172	rVB	44324	90998	5.44%	0.249%
3	4.019	335	347	359	rBV2	149953	437382	26.13%	1.195%
4	4.385	394	407	421	rBV	15689	47334	2.83%	0.129%
5	4.921	483	495	507	rBV	27496	92664	5.54%	0.253%
6	7.086	842	850	856	rBV2	27941	74683	4.46%	0.204%
7	7.171	856	864	883	rVB	99771	269995	16.13%	0.738%
8	7.653	931	943	958	rBV	213552	529210	31.62%	1.446%
9	8.037	999	1006	1015	rVB2	20569	52026	3.11%	0.142%
10	8.281	1031	1046	1061	rBV2	439130	1288553	76.98%	3.520%
11	8.573	1088	1094	1108	rVB2	14186	36833	2.20%	0.101%
12	8.848	1129	1139	1151	rBV	445371	896005	53.53%	2.448%
13	9.091	1168	1179	1196	rBV2	258457	563677	33.67%	1.540%
14	9.280	1201	1210	1223	rBV5	312293	965859	57.70%	2.638%
15	9.384	1223	1227	1236	rVB	66724	127957	7.64%	0.350%
16	9.610	1254	1264	1272	rVB	167510	355262	21.22%	0.970%
17	9.750	1280	1287	1301	rVB2	171407	344916	20.61%	0.942%
18	9.902	1301	1312	1314	rBV5	22341	47061	2.81%	0.129%
19	9.945	1314	1319	1325	rVB	60151	106615	6.37%	0.291%
20	10.036	1325	1334	1338	rBV	155803	285575	17.06%	0.780%
21	10.079	1338	1341	1347	rVB	87630	148177	8.85%	0.405%
22	10.213	1356	1363	1366	rBV2	55311	113316	6.77%	0.310%
23	10.244	1366	1368	1374	rVB3	51206	82044	4.90%	0.224%
24	10.323	1374	1381	1397	rBV	745039	1394978	83.34%	3.811%
25	10.506	1404	1411	1417	rVB4	98345	244231	14.59%	0.667%
26	10.579	1417	1423	1426	rBV	97544	174852	10.45%	0.478%
27	10.622	1426	1430	1433	rBV	107055	140112	8.37%	0.383%
28	10.664	1433	1437	1445	rVB	279882	494890	29.56%	1.352%
29	10.762	1445	1453	1458	rBV4	115694	278701	16.65%	0.761%
30	10.847	1464	1467	1472	rVB	67499	105066	6.28%	0.287%
31	10.933	1472	1481	1488	rBV2	758729	1372616	82.00%	3.750%
32	11.036	1488	1498	1506	rBV2	217795	546528	32.65%	1.493%
33	11.115	1506	1511	1513	rBV	72002	122939	7.34%	0.336%
34	11.146	1513	1516	1519	rVB2	58205	67560	4.04%	0.185%
35	11.231	1523	1530	1536	rBV	820216	1510351	90.23%	4.126%
36	11.286	1536	1539	1542	rVV2	127508	175501	10.48%	0.479%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020350.D
 Acq On : 07 Oct 2021 06:39
 Operator : SY/VA
 Sample : M4000-17
 Misc : 7.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW910

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\SFAMWLM100621SMA.M
 Title : SFAM01.0

37	11.329	1542	1546	1551	rVB2	293377	498834	29.80%	1.363%
38	11.384	1551	1555	1558	rBV	48722	62931	3.76%	0.172%
39	11.439	1558	1564	1573	rVB	452390	836758	49.99%	2.286%
40	11.560	1573	1584	1590	rBV6	77003	277674	16.59%	0.759%
41	11.634	1590	1596	1608	rVB	603830	1096896	65.53%	2.996%
42	11.731	1608	1612	1613	rBV2	40953	49949	2.98%	0.136%
43	11.768	1613	1618	1622	rVV	257146	390667	23.34%	1.067%
44	11.817	1622	1626	1630	rVB4	99084	152007	9.08%	0.415%
45	11.871	1630	1635	1638	rBV	266397	484847	28.96%	1.324%
46	11.914	1639	1642	1647	rVB3	300453	509155	30.42%	1.391%
47	11.975	1647	1652	1656	rBV3	115701	208487	12.46%	0.570%
48	12.140	1672	1679	1690	rBV2	623868	1452817	86.79%	3.969%
49	12.249	1690	1697	1702	rVV	874744	1541028	92.06%	4.210%
50	12.298	1702	1705	1707	rVV2	149393	221113	13.21%	0.604%
51	12.359	1707	1715	1721	rVV2	565841	1673917	100.00%	4.573%
52	12.420	1721	1725	1727	rVV2	157333	277771	16.59%	0.759%
53	12.451	1728	1730	1735	rVV4	175280	313620	18.74%	0.857%
54	12.518	1736	1741	1747	rVB4	136660	358377	21.41%	0.979%
55	12.615	1752	1757	1761	rBV3	81905	159851	9.55%	0.437%
56	12.694	1764	1770	1775	rBV2	303026	561644	33.55%	1.534%
57	12.780	1779	1784	1790	rVB2	522087	914562	54.64%	2.498%
58	12.859	1790	1797	1801	rBV4	160968	359653	21.49%	0.982%
59	12.926	1803	1808	1817	rVV5	196338	484580	28.95%	1.324%
60	13.079	1823	1833	1837	rBV4	185287	423825	25.32%	1.158%
61	13.121	1837	1840	1843	rVV3	142364	231007	13.80%	0.631%
62	13.164	1843	1847	1855	rVB2	554914	919927	54.96%	2.513%
63	13.292	1860	1868	1872	rBV3	130425	303771	18.15%	0.830%
64	13.341	1873	1876	1879	rVV2	131508	182191	10.88%	0.498%
65	13.377	1879	1882	1886	rVB3	97105	136880	8.18%	0.374%
66	13.481	1896	1899	1903	rVB2	116803	142430	8.51%	0.389%
67	13.554	1907	1911	1919	rVB	543272	930707	55.60%	2.542%
68	13.627	1919	1923	1924	rBV2	41759	55216	3.30%	0.151%
69	13.694	1931	1934	1938	rVB	88827	129411	7.73%	0.354%
70	13.737	1938	1941	1947	rVB5	54580	79556	4.75%	0.217%
71	13.798	1947	1951	1954	rBV	72767	117530	7.02%	0.321%
72	13.853	1954	1960	1969	rVB2	433356	1247094	74.50%	3.407%
73	13.981	1977	1981	1983	rBV4	51975	83487	4.99%	0.228%
74	14.017	1984	1987	1993	rVV3	64106	149284	8.92%	0.408%
75	14.133	2002	2006	2010	rVB2	132290	210615	12.58%	0.575%
76	14.206	2011	2018	2023	rVV	273992	516163	30.84%	1.410%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020350.D
 Acq On : 07 Oct 2021 06:39
 Operator : SY/VA
 Sample : M4000-17
 Misc : 7.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW910

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\SFAMWLM100621SMA.M

Title : SFAM01.0

77	14.261	2023	2027	2033	rVV3	86306	192113	11.48%	0.525%
78	14.347	2033	2041	2043	rVV4	122287	298110	17.81%	0.814%
79	14.383	2043	2047	2051	rVV2	191170	340644	20.35%	0.931%
80	14.420	2051	2053	2059	rVB4	94952	130603	7.80%	0.357%
81	14.542	2068	2073	2079	rVB4	131717	233295	13.94%	0.637%
82	14.597	2079	2082	2086	rBV	48846	67005	4.00%	0.183%
83	14.645	2086	2090	2094	rVB2	46725	73928	4.42%	0.202%
84	14.700	2095	2099	2102	rVB4	46797	64097	3.83%	0.175%
85	14.798	2111	2115	2116	rBV3	33728	45812	2.74%	0.125%
86	14.834	2117	2121	2131	rVB	221840	391005	23.36%	1.068%
87	15.054	2152	2157	2162	rVB	132101	252499	15.08%	0.690%
88	15.103	2162	2165	2169	rBV	40994	65525	3.91%	0.179%
89	15.176	2170	2177	2185	rVB	202240	448145	26.77%	1.224%
90	15.322	2196	2201	2208	rVB2	145153	246770	14.74%	0.674%
91	15.468	2221	2225	2228	rBV3	47662	79116	4.73%	0.216%
92	15.651	2247	2255	2262	rVB3	91636	206550	12.34%	0.564%
93	15.724	2262	2267	2274	rBV4	64804	130805	7.81%	0.357%
94	15.798	2275	2279	2284	rVB4	35228	60727	3.63%	0.166%
95	15.944	2299	2303	2308	rBV2	49731	80776	4.83%	0.221%
96	16.011	2308	2314	2330	rVB4	71243	252285	15.07%	0.689%
97	16.163	2332	2339	2344	rBV3	52641	130474	7.79%	0.356%
98	16.279	2354	2358	2363	rVB2	37741	65880	3.94%	0.180%
99	16.371	2369	2373	2379	rVB3	44986	89708	5.36%	0.245%
100	16.645	2409	2418	2428	rVB8	30143	102086	6.10%	0.279%

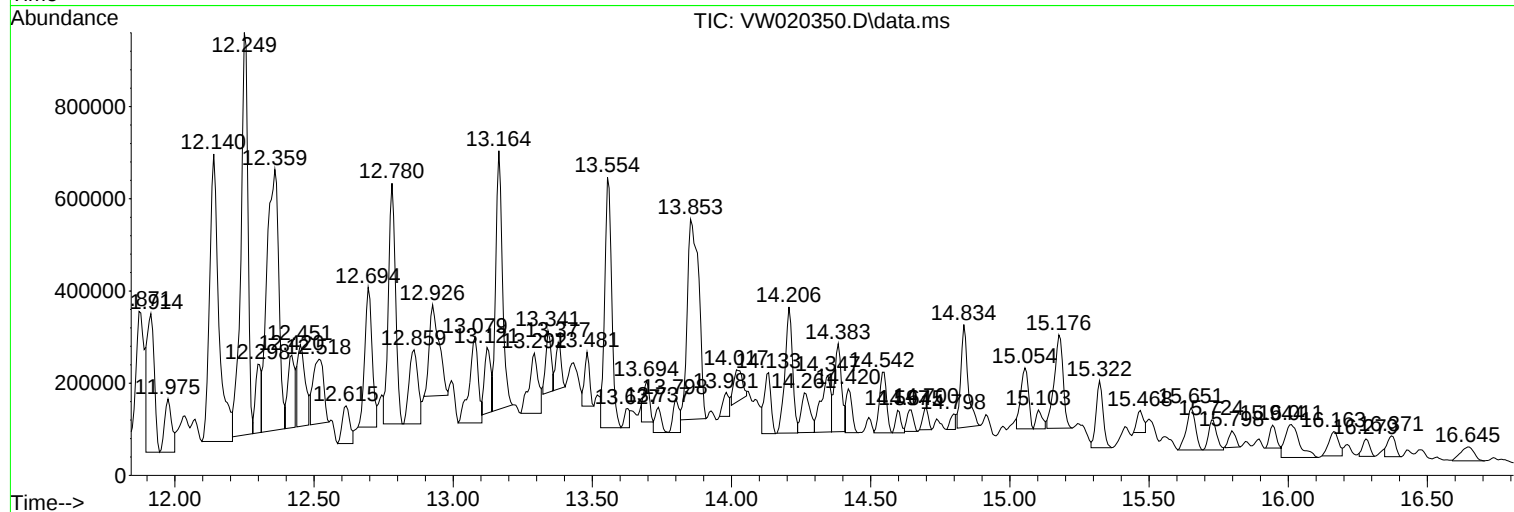
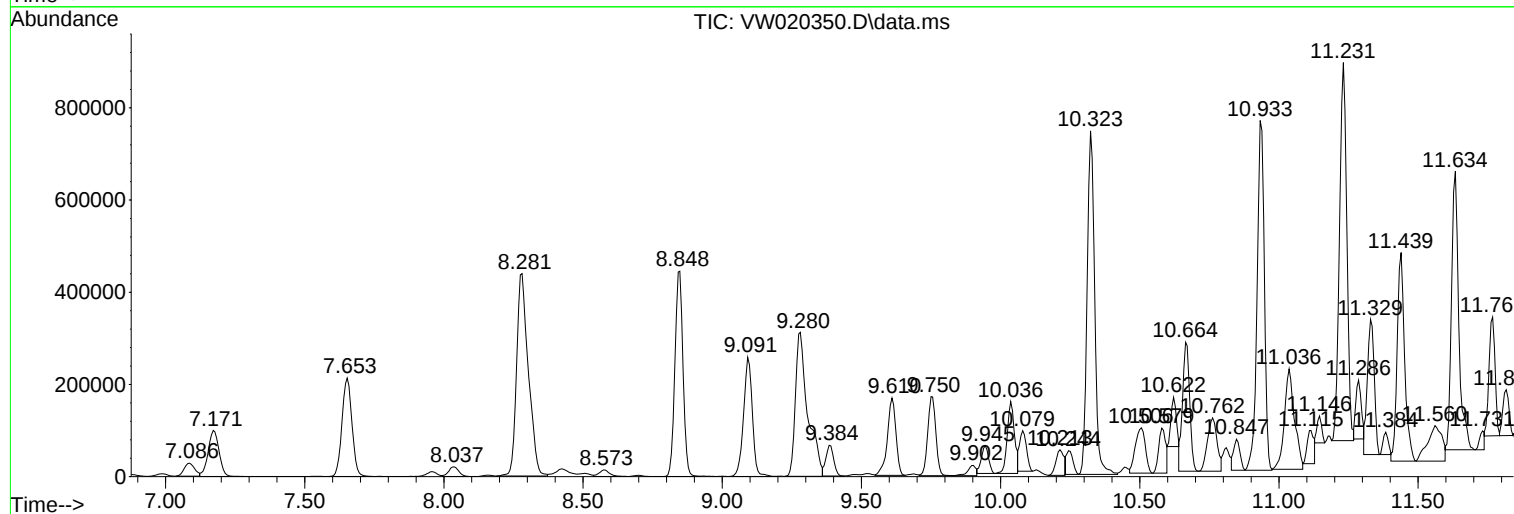
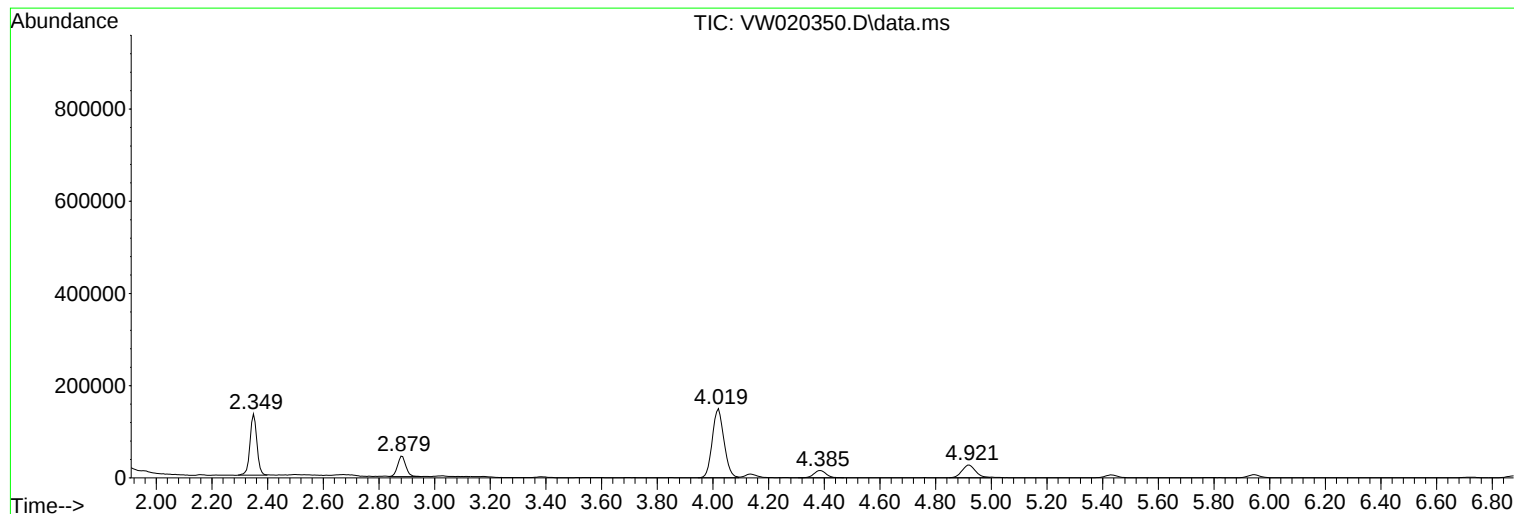
Sum of corrected areas: 36606709

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

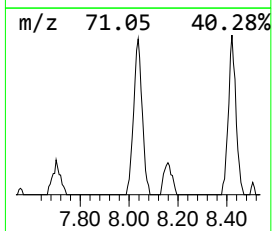
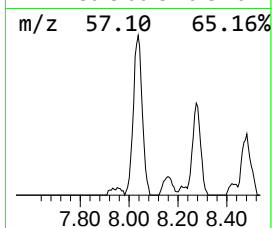
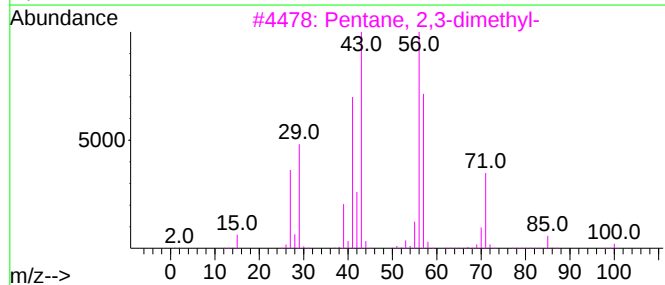
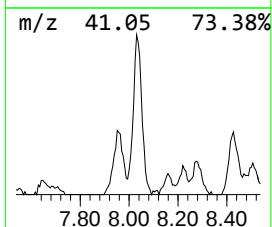
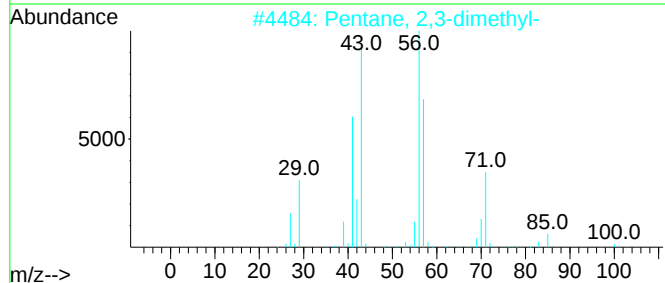
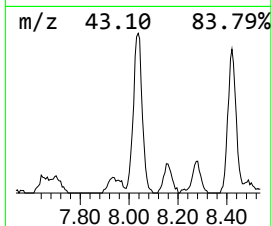
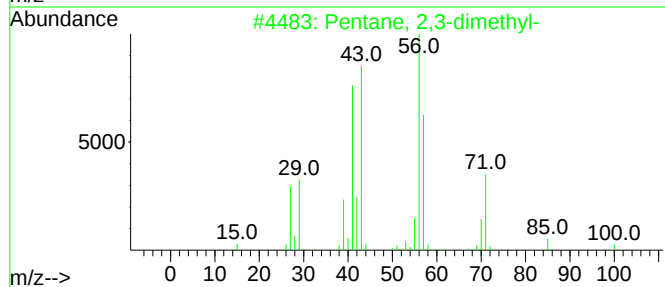
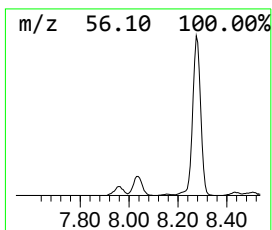
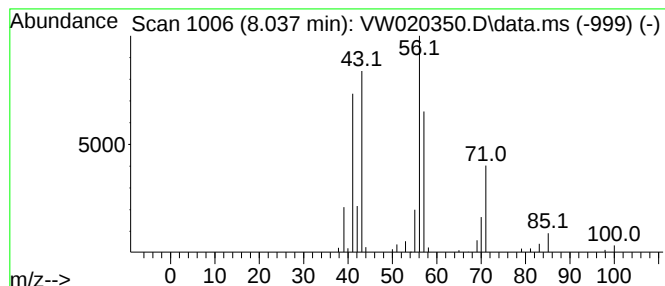
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	1.45 ug/L	52026	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
5		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

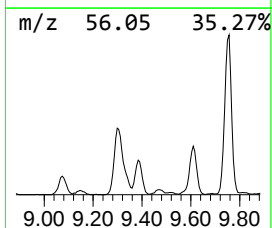
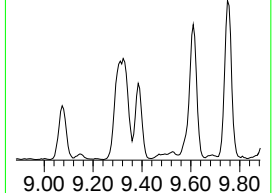
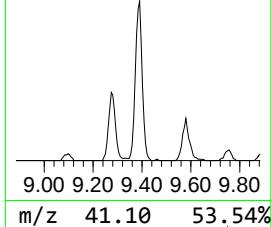
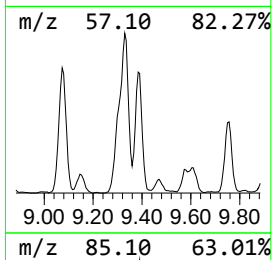
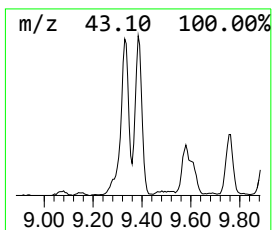
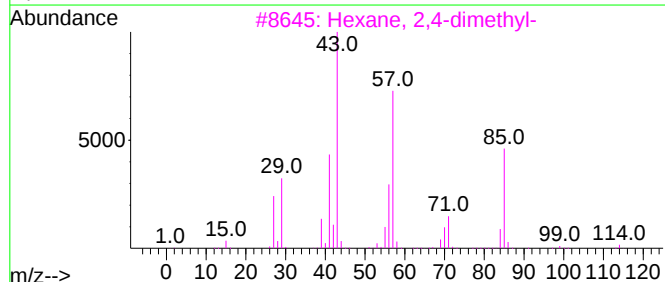
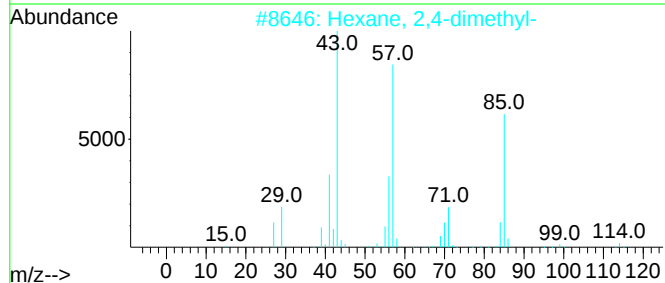
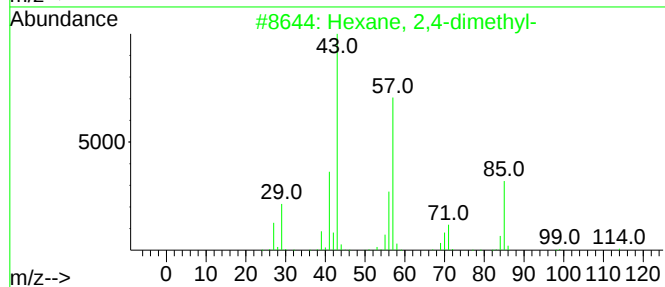
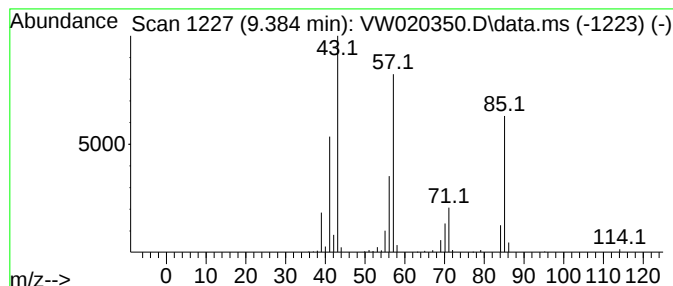
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.384	3.57 ug/L	127957	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	83
5			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

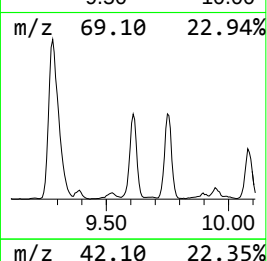
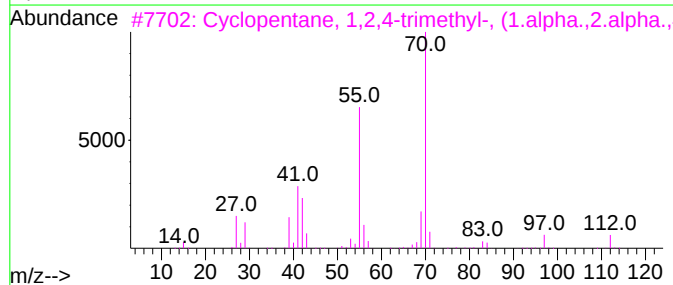
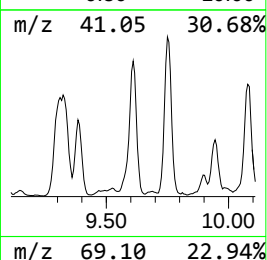
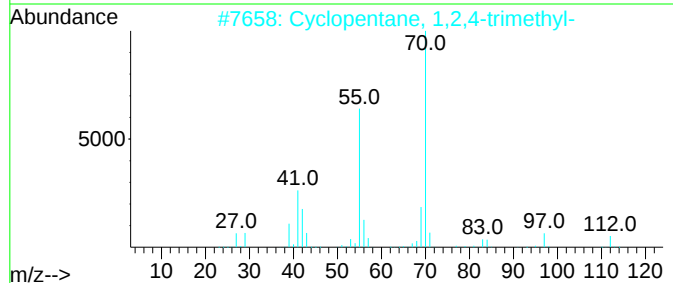
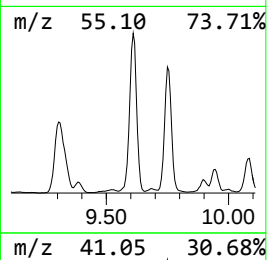
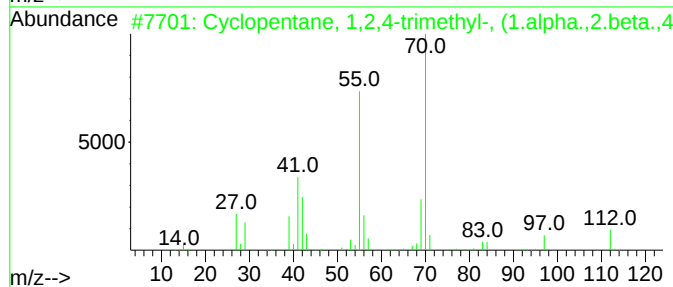
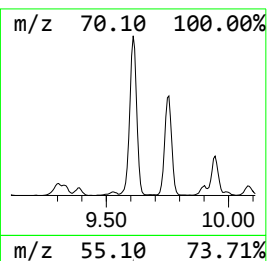
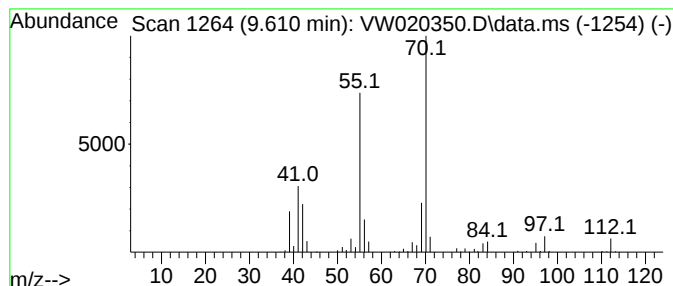
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic9.610 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	9.91 ug/L	355262	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	80
5			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

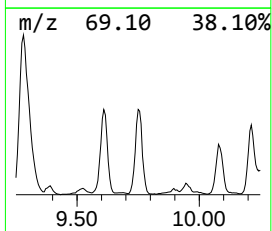
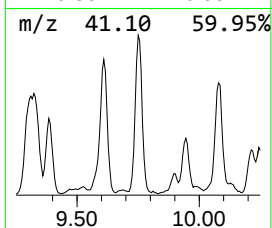
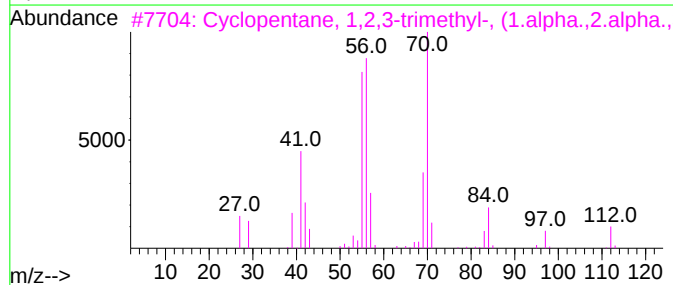
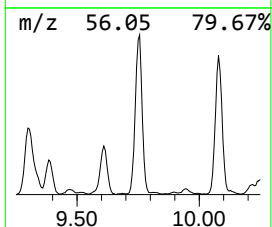
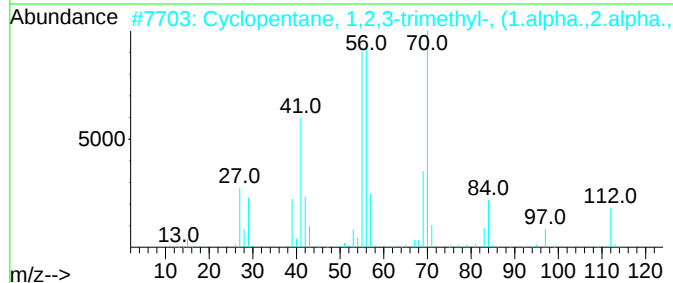
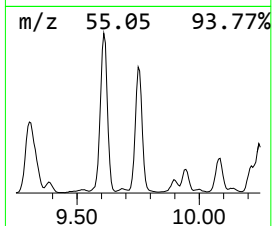
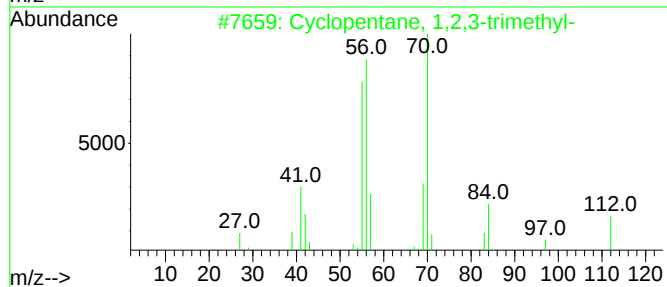
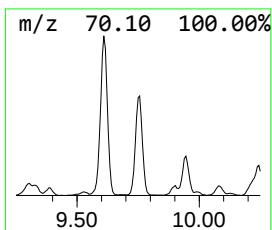
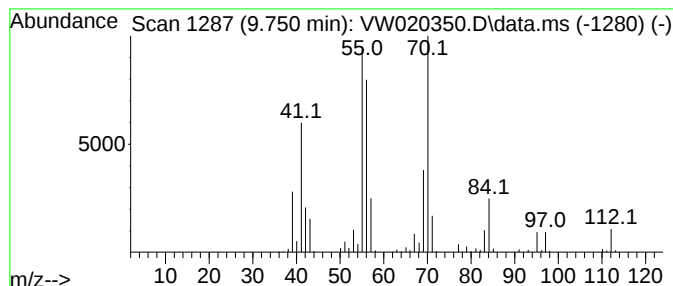
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic9.750 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	9.62 ug/L	344916	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81
5			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

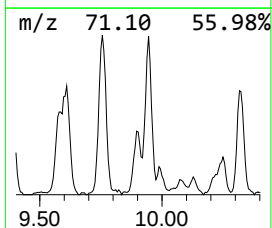
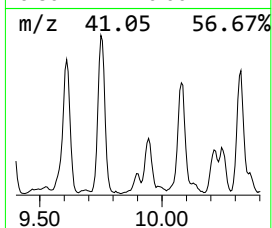
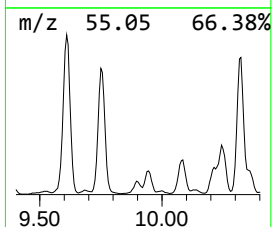
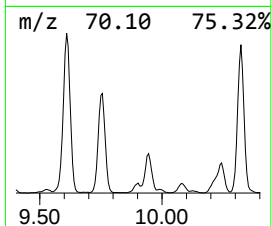
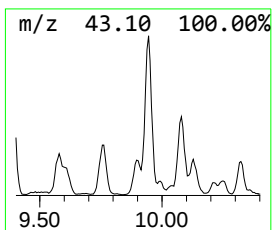
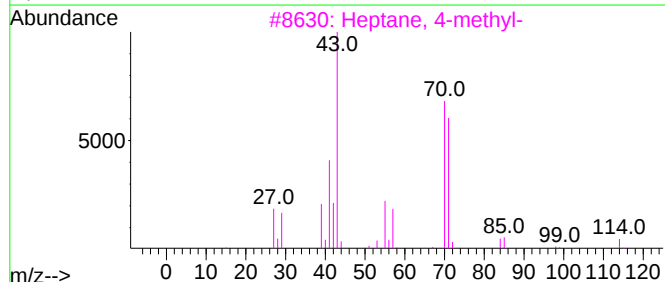
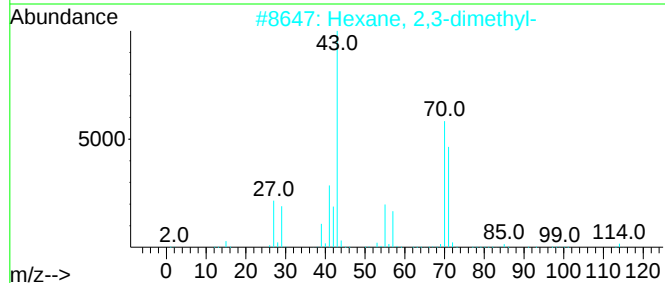
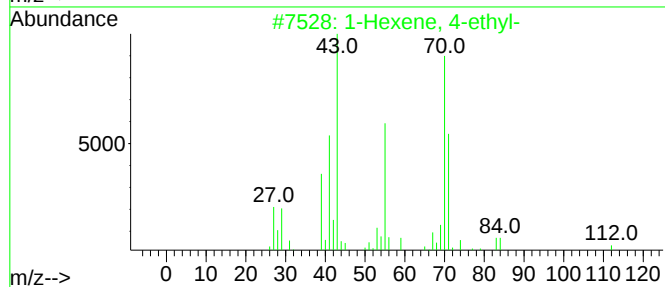
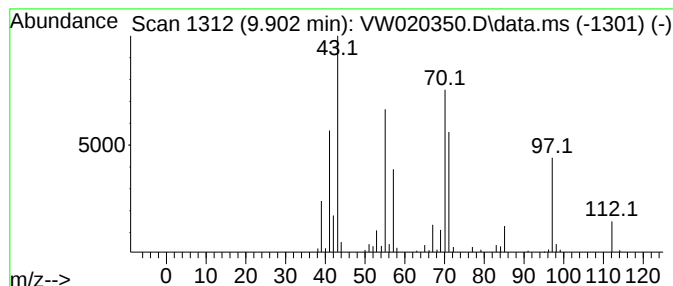
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.902	1.31 ug/L	47061	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	50
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	49
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	47
4		Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	46
5		Diisooamyl ether	158	C10H22O	000544-01-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

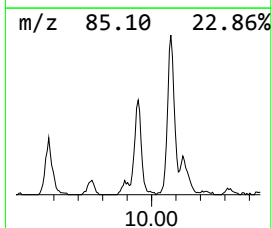
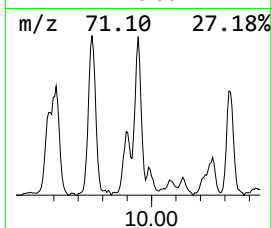
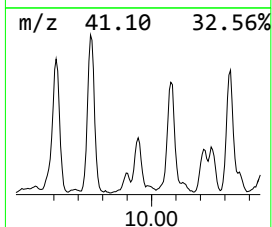
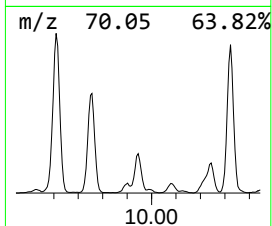
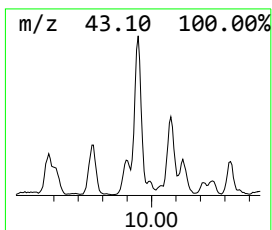
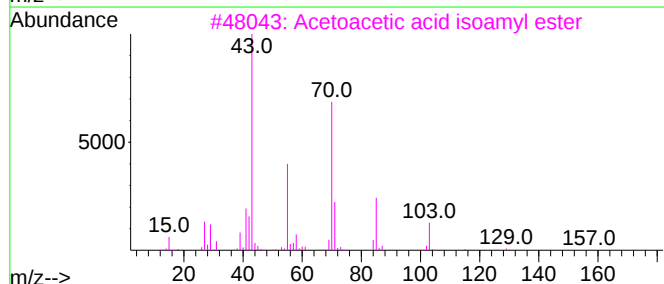
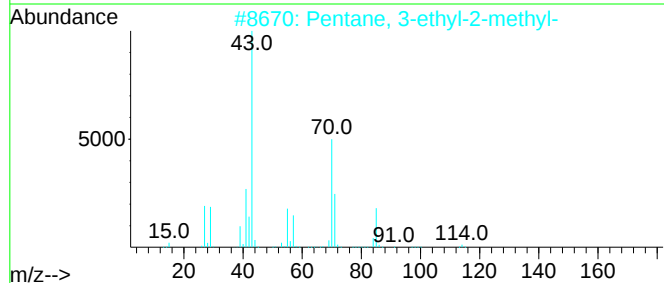
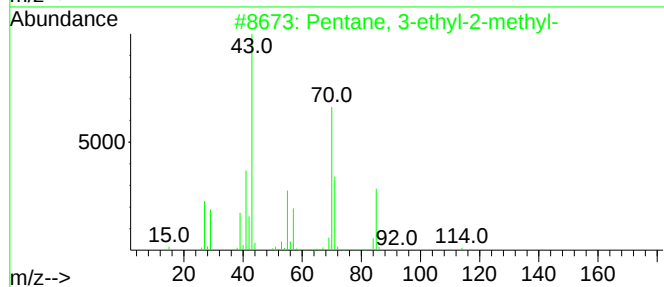
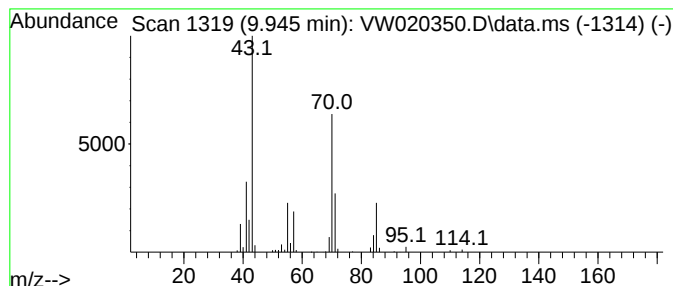
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	2.97 ug/L	106615	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	95
2			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	94
3			Acetoacetic acid isoamyl ester	172	C9H16O3	002308-18-1	72
4			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	58
5			Butanoic acid, 3-methyl-, 3-meth...	172	C10H20O2	000659-70-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

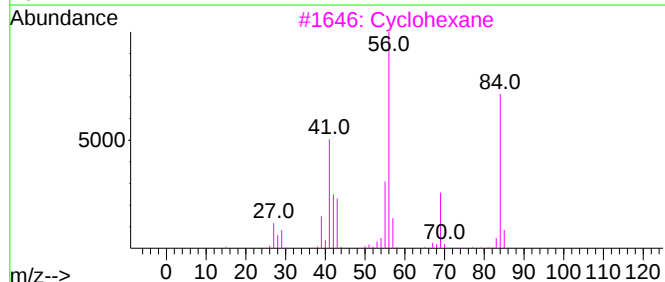
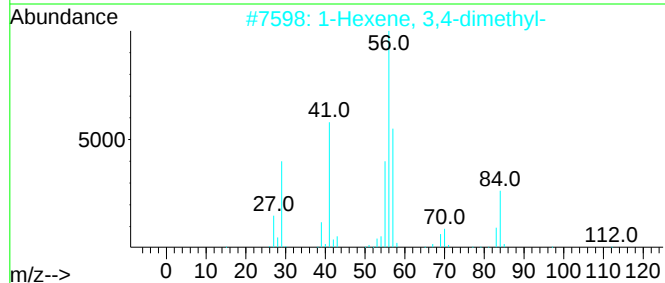
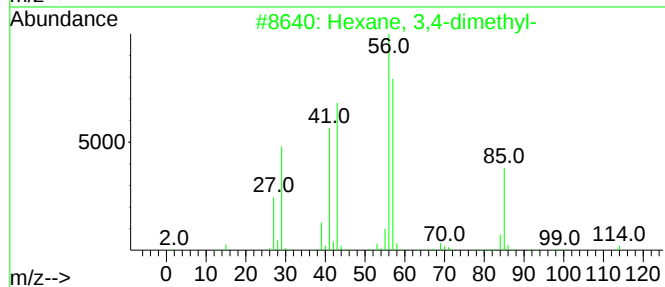
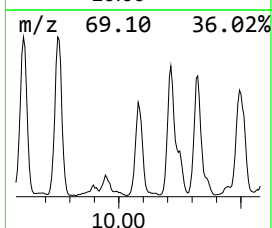
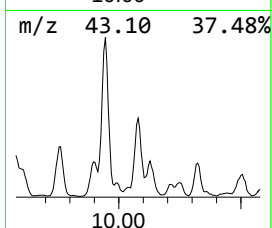
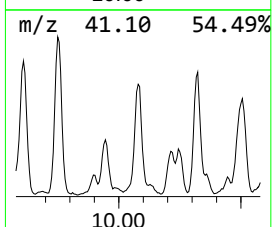
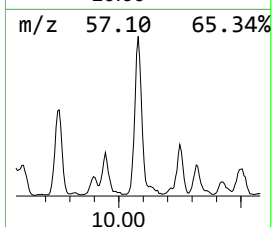
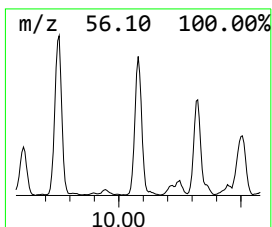
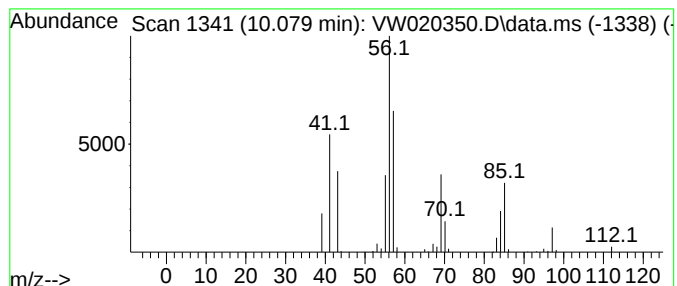
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.079	4.13 ug/L	148177	1,4-Difluorobenzene	8.848	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	59
2	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	59
3	Cyclohexane	84	C6H12	000110-82-7	53
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	Cyclohexane	84	C6H12	000110-82-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW910

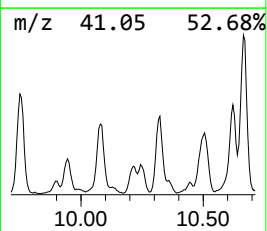
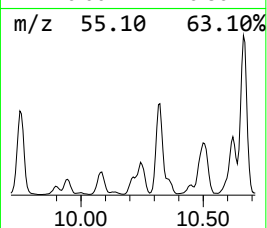
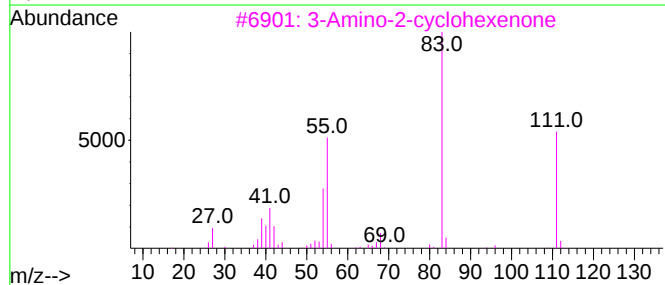
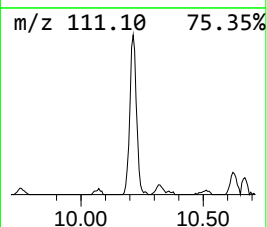
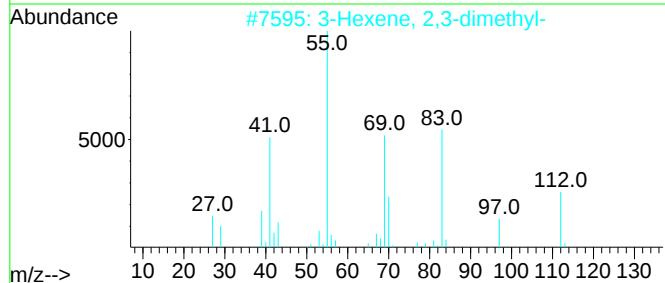
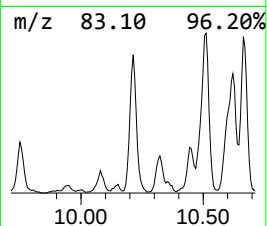
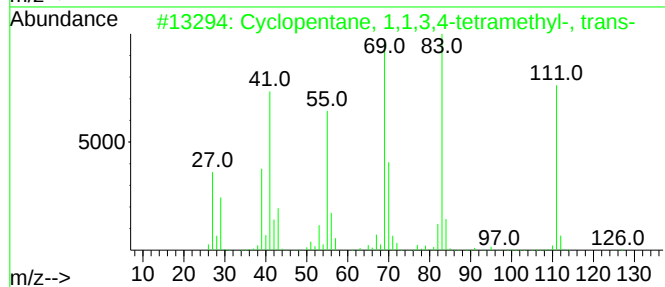
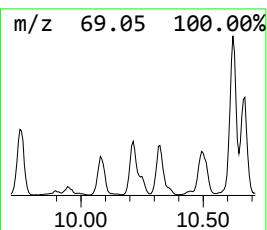
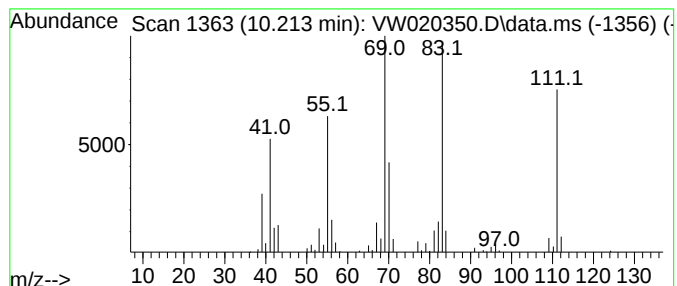
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic10.213 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.213	3.16 ug/L	113316	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	87
2			3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	50
3			3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	43
4			Cyclohexanecarboxylic acid, 4-cy...	229	C14H15NO2	1000307-70-6	43
5			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

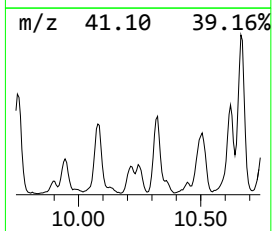
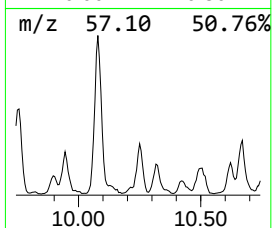
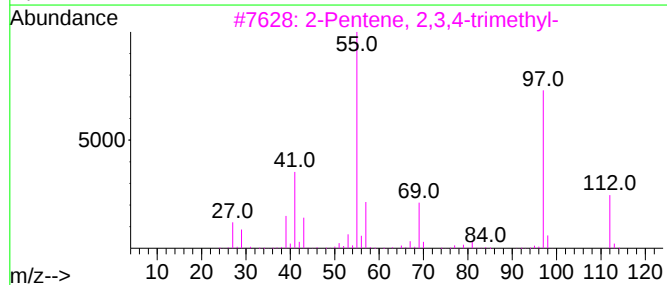
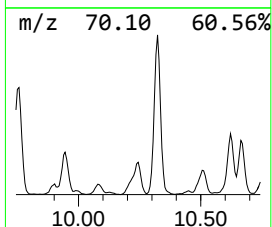
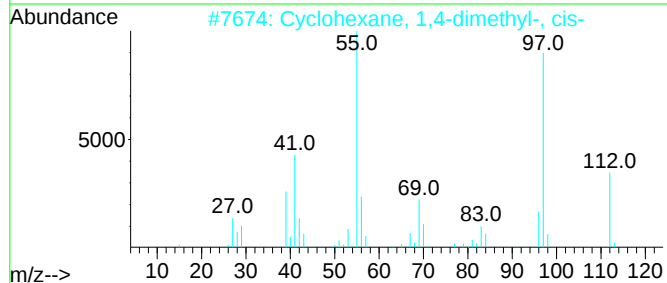
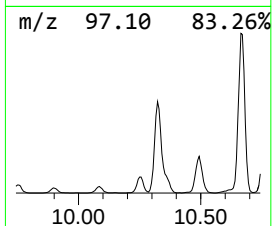
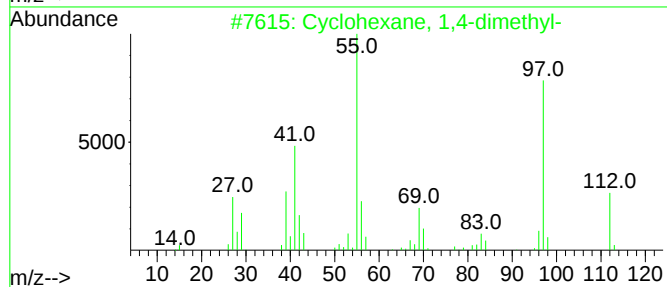
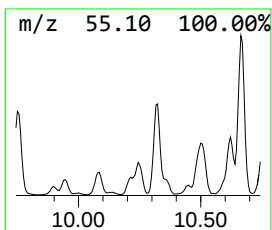
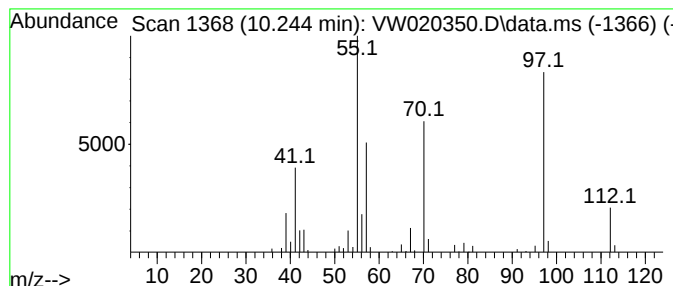
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic10.244 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.244	1.87 ug/L	82044	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
3			2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	58
4			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	58
5			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

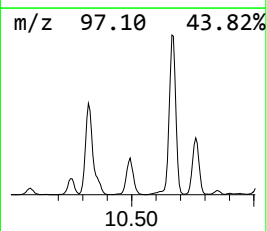
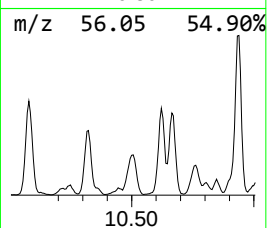
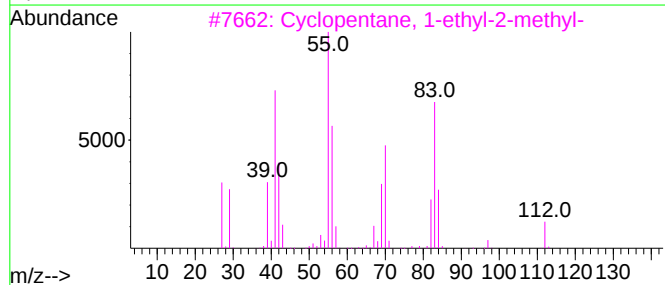
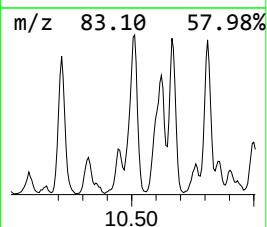
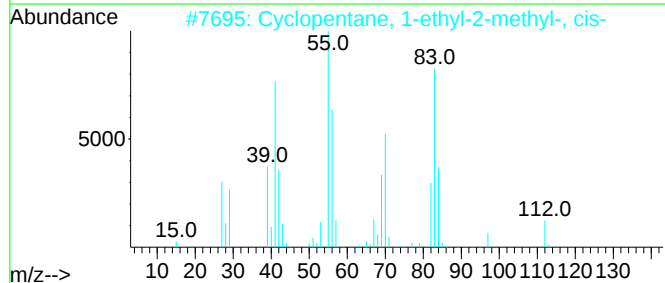
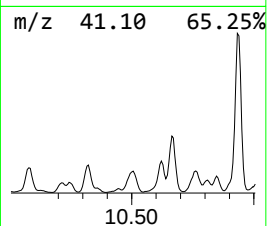
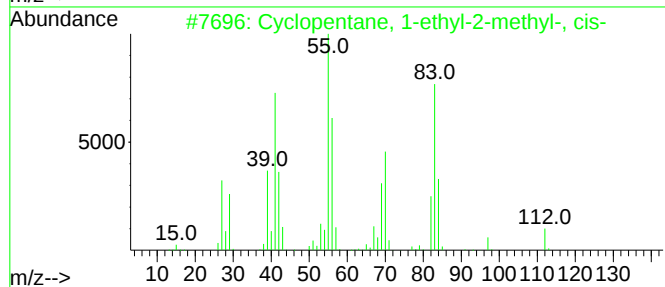
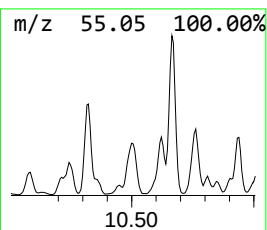
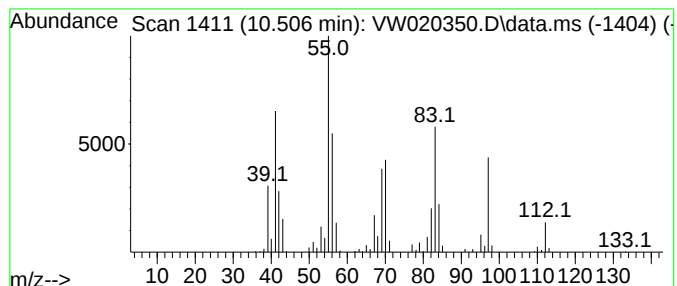
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic10.506 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	5.57 ug/L	244231	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	94
2			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	81
3			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	81
4			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	76
5			3-Octene, (Z)-	112	C8H16	014850-22-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

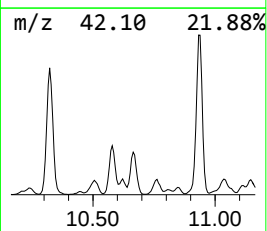
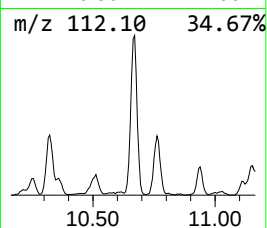
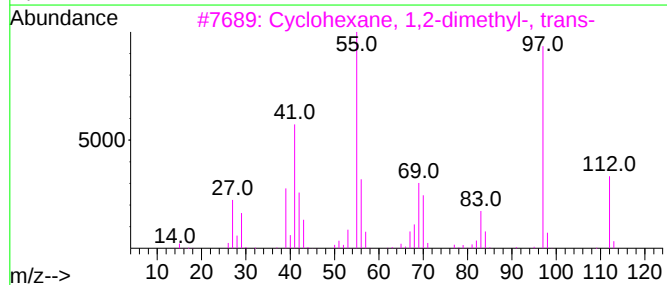
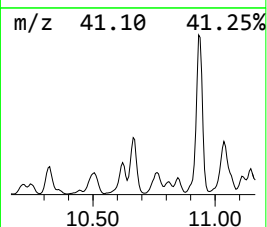
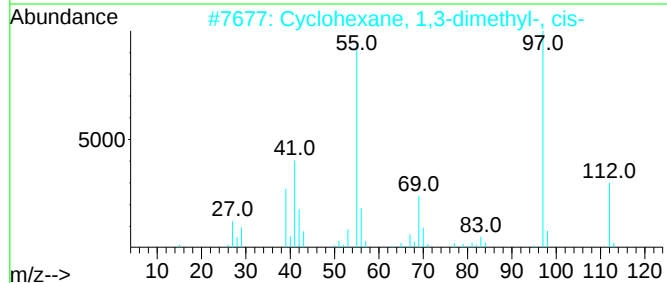
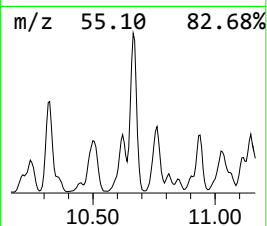
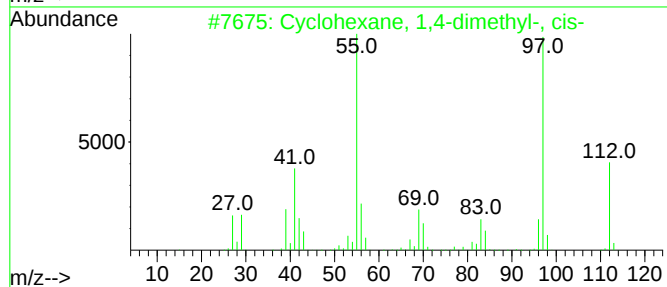
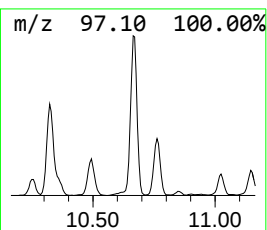
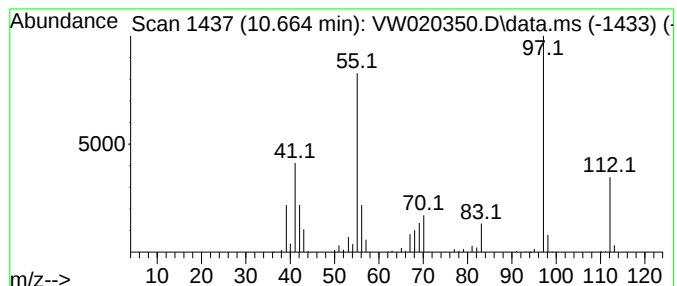
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic10.664 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	11.28 ug/L	494890	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

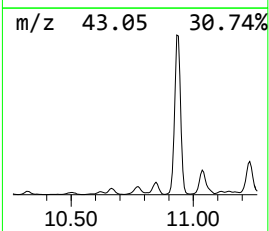
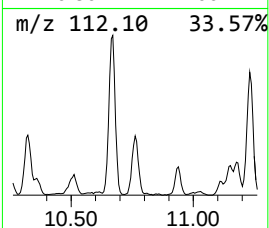
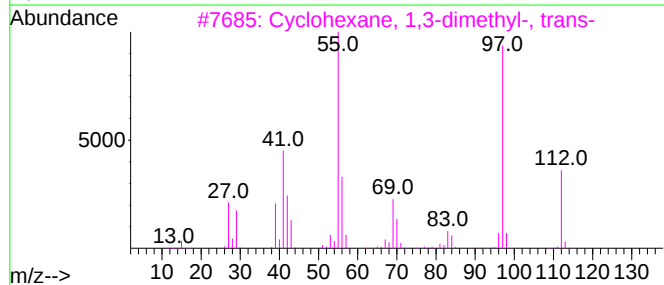
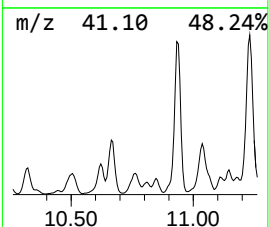
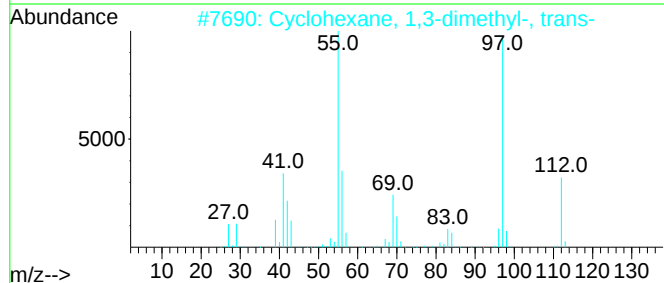
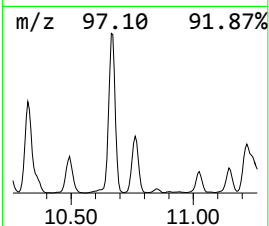
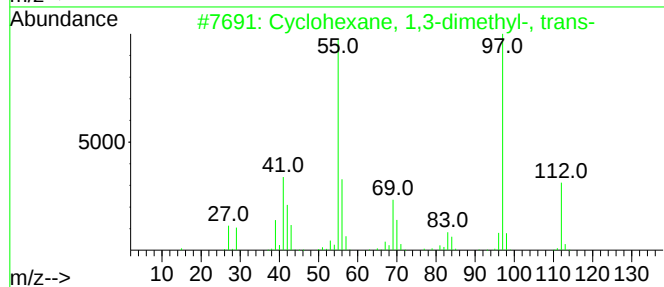
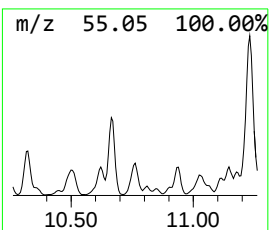
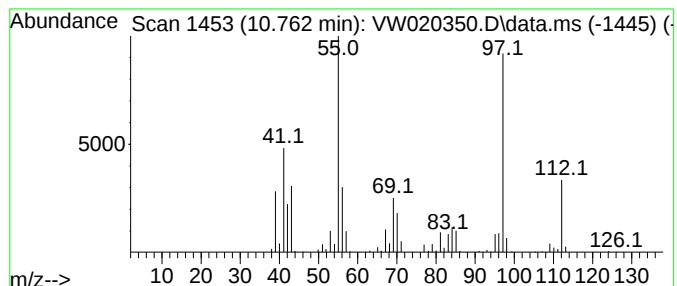
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic10.762 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	6.35 ug/L	278701	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

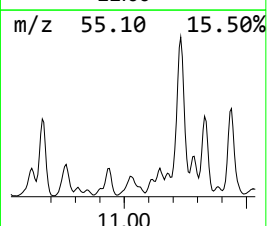
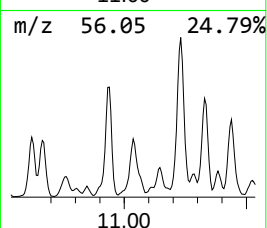
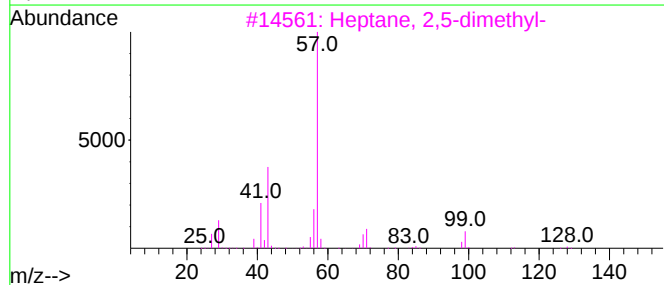
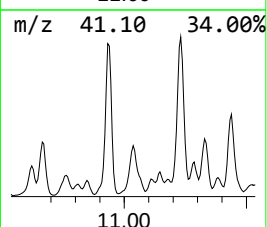
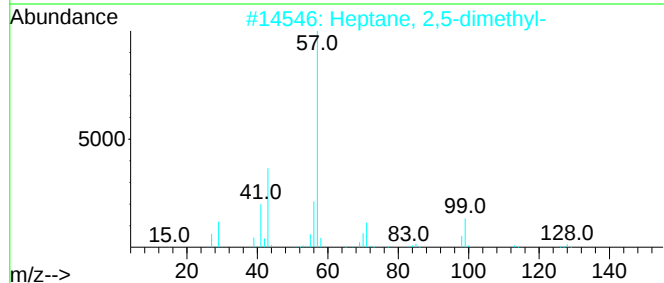
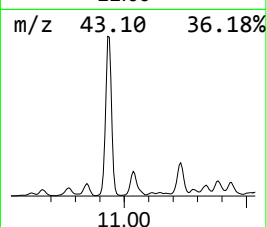
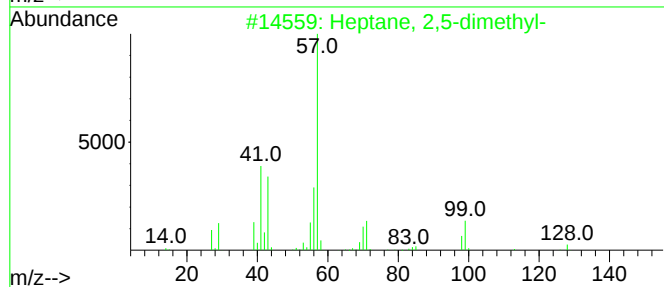
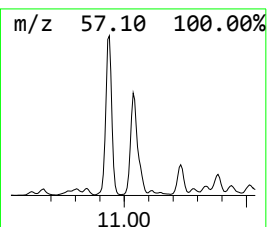
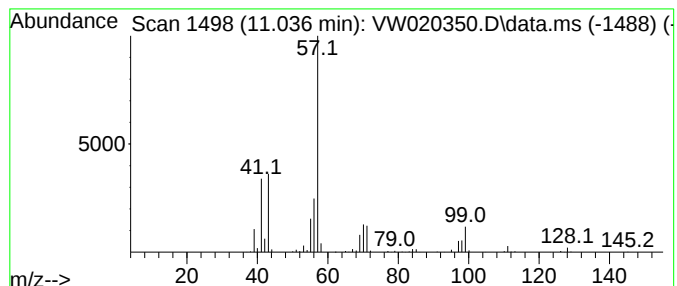
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	12.46 ug/L	546528	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	76
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

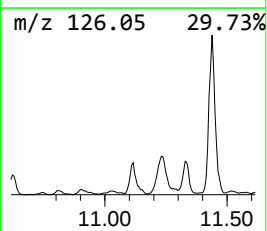
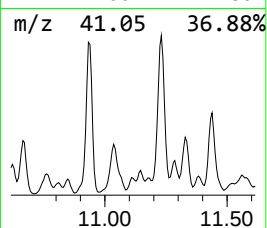
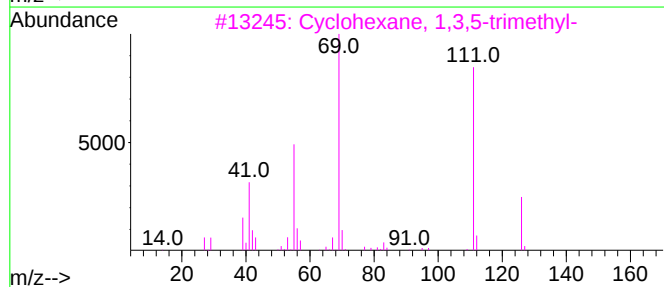
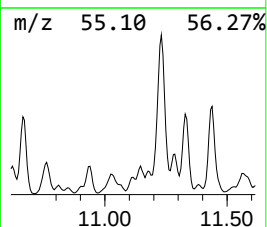
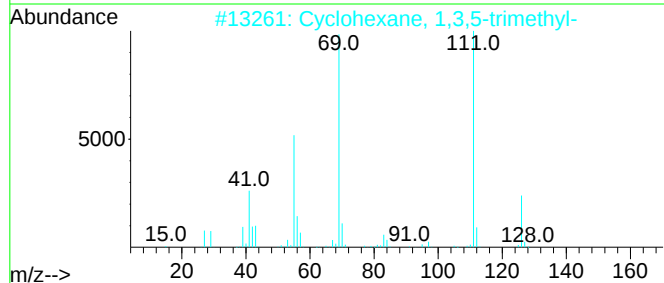
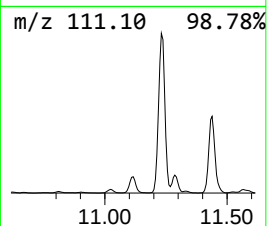
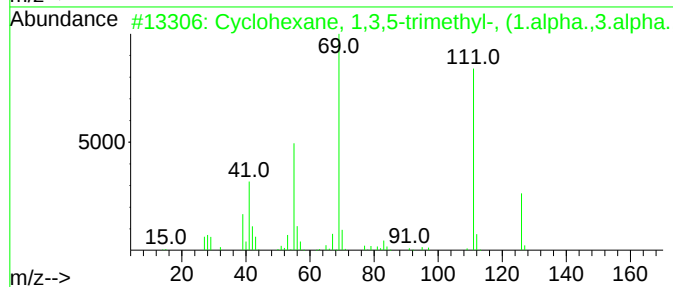
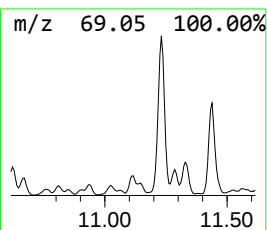
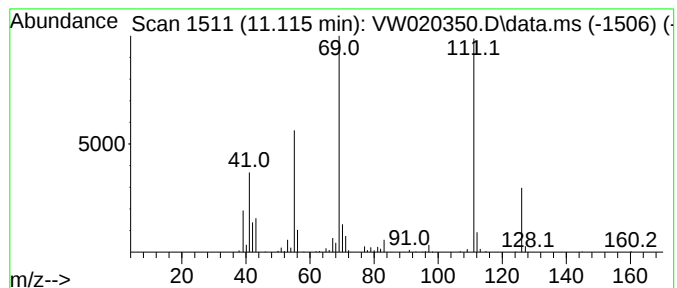
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic11.115 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.115	2.80 ug/L	122939	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

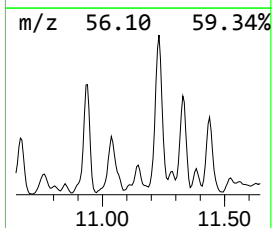
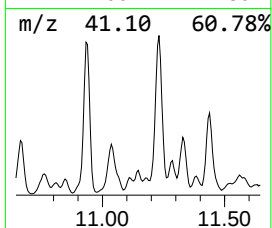
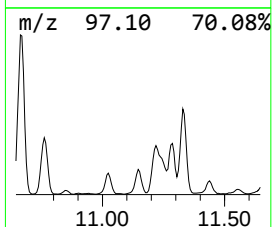
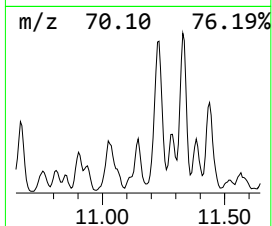
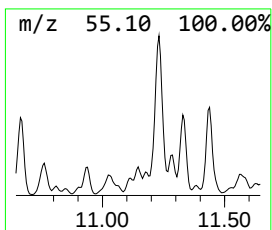
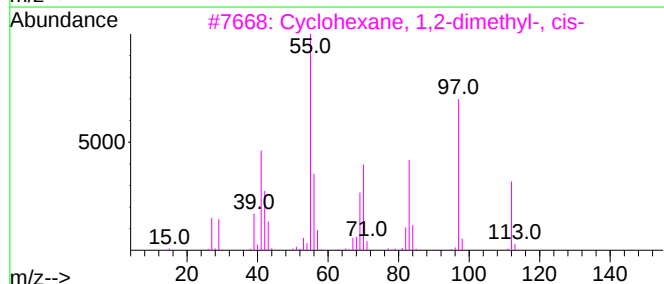
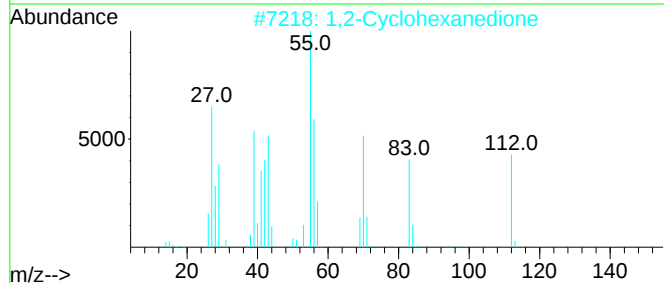
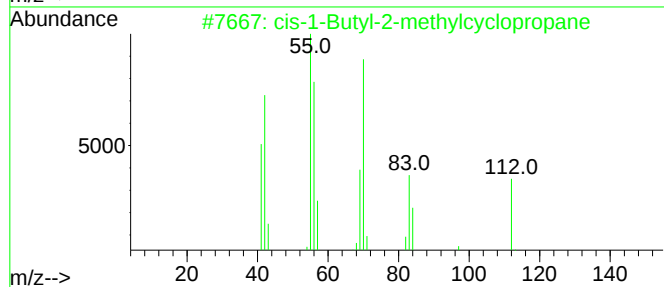
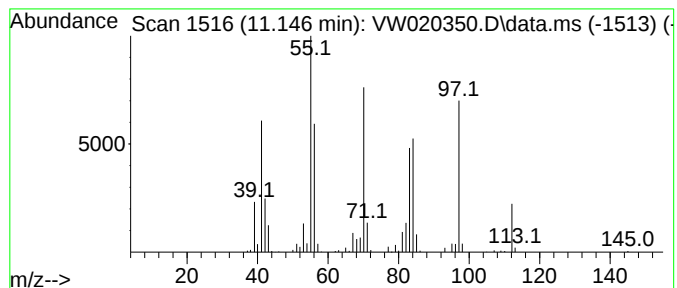
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.146 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	1.54 ug/L	67560	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	52
2			1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	49
3			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	46
4			Isopropylcyclobutane	98	C7H14	000872-56-0	43
5			Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

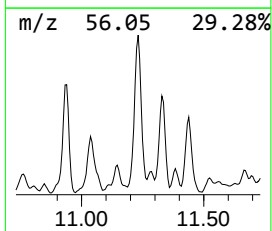
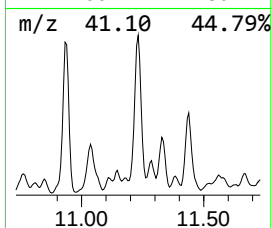
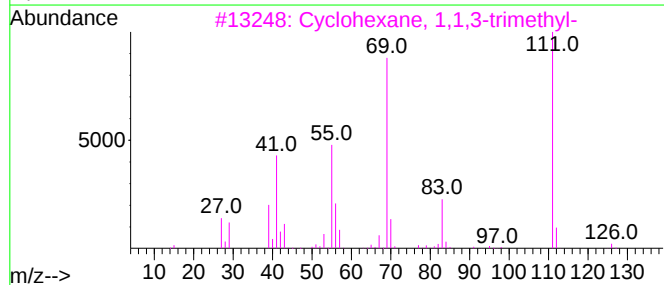
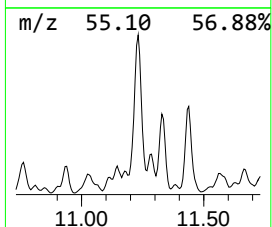
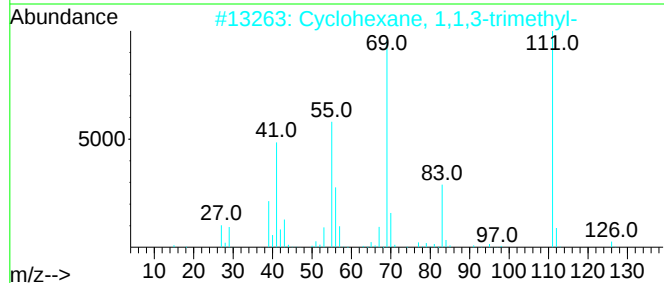
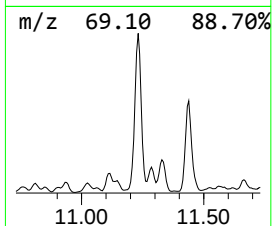
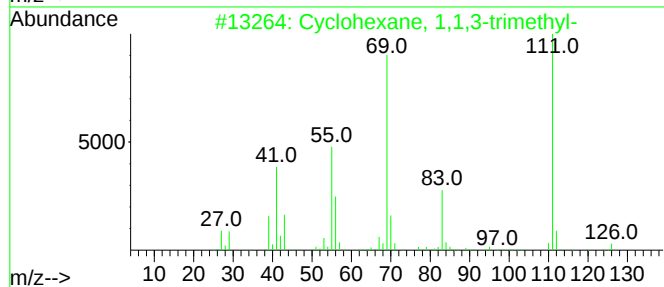
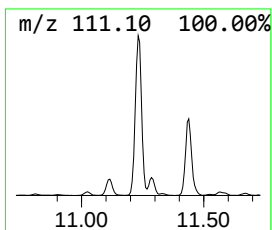
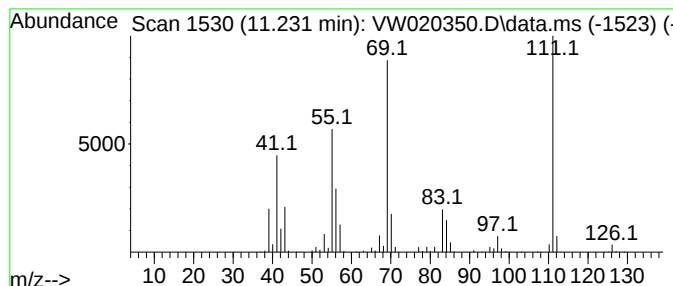
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.231 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	34.42 ug/L	1510350	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

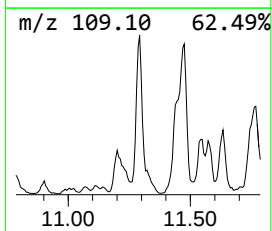
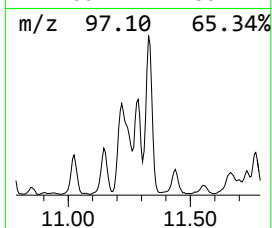
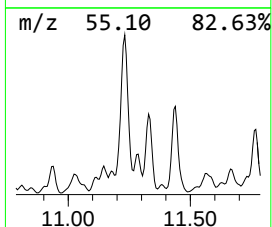
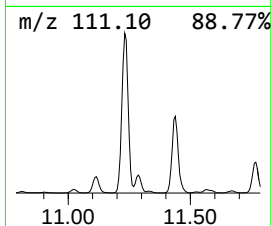
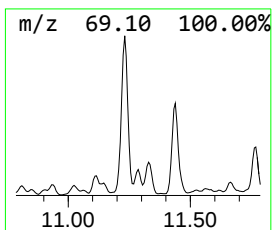
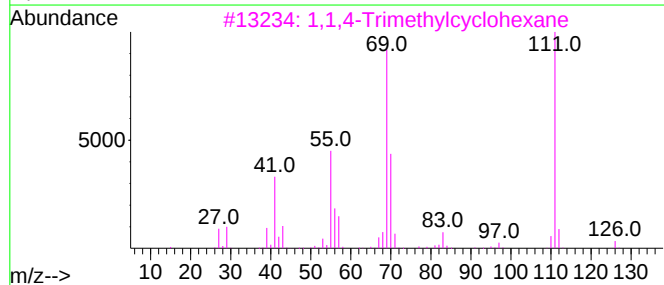
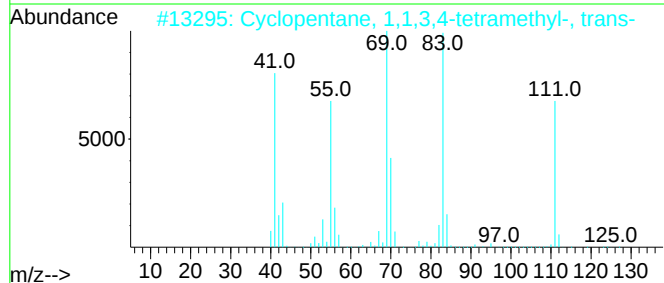
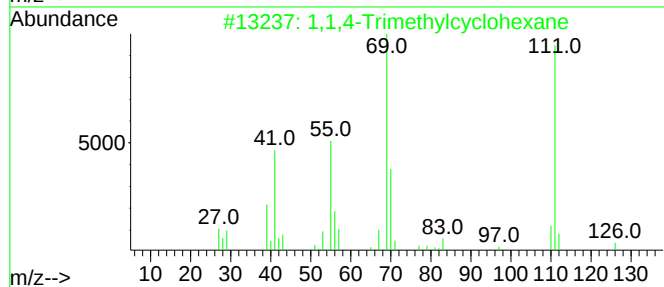
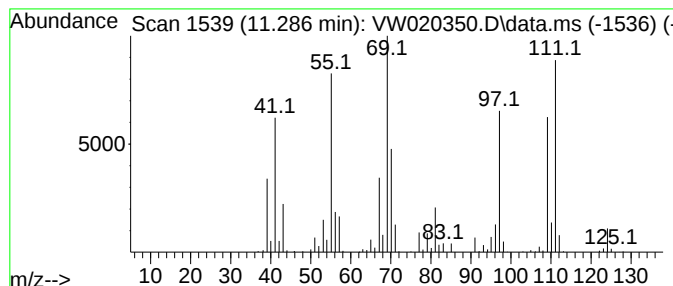
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic11.286 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.286	4.00 ug/L	175501	Chlorobenzene-d5		11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50
2		Cyclopentane, 1,1,3,4-tetramethyl-	126	C9H18	020309-77-7	47
3		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47
4		Oxazole, trimethyl-	111	C6H9NO	020662-84-4	35
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

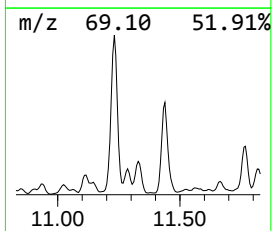
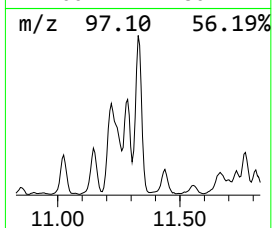
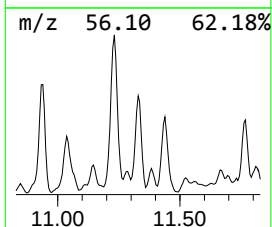
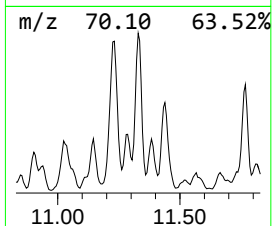
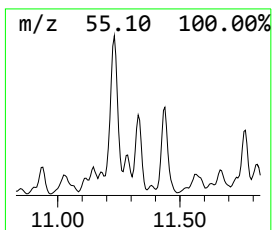
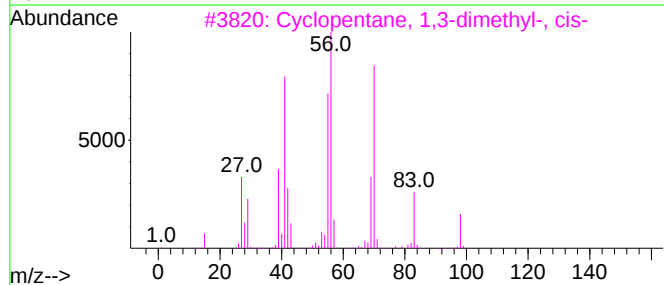
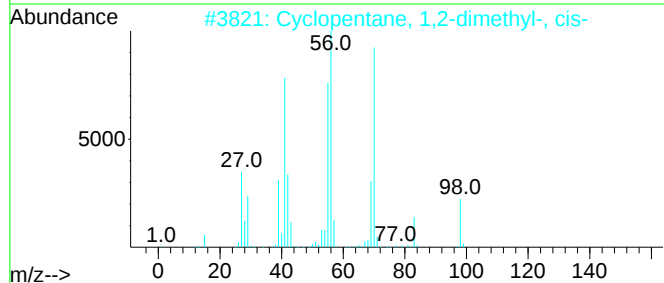
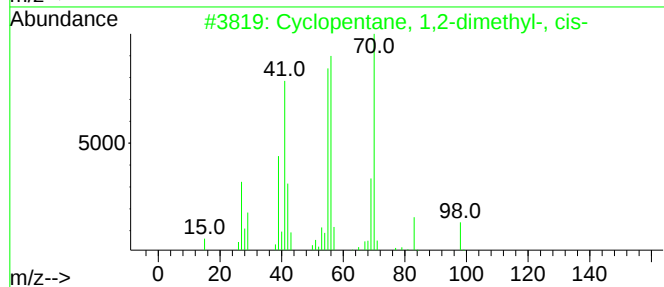
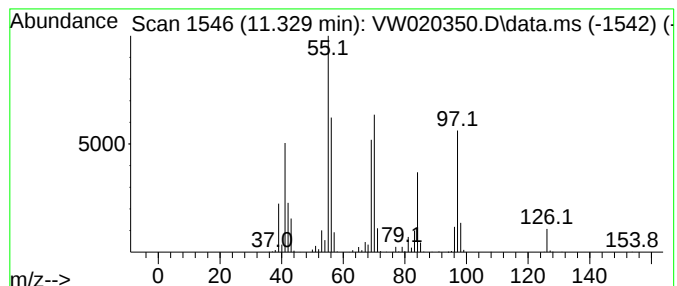
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic11.329 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.329	11.37 ug/L	498834	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	55
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	55
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	49
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	49
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

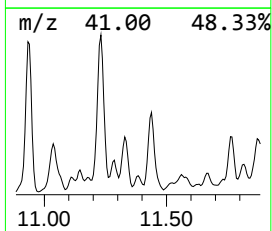
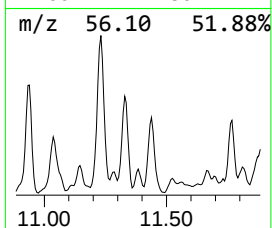
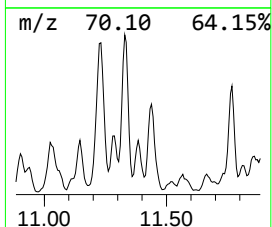
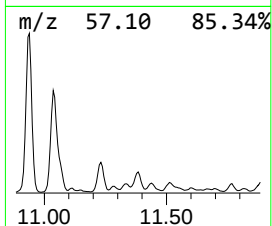
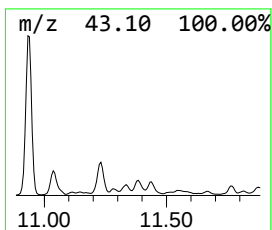
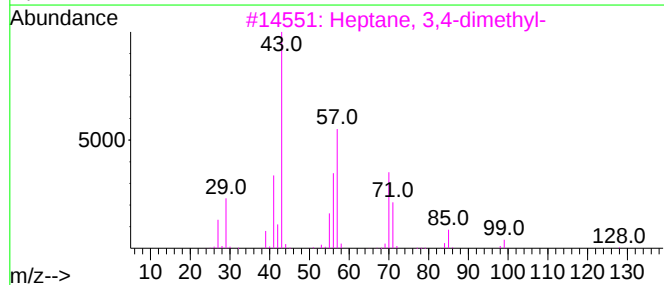
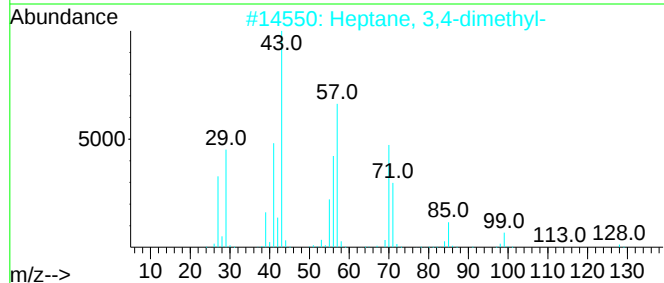
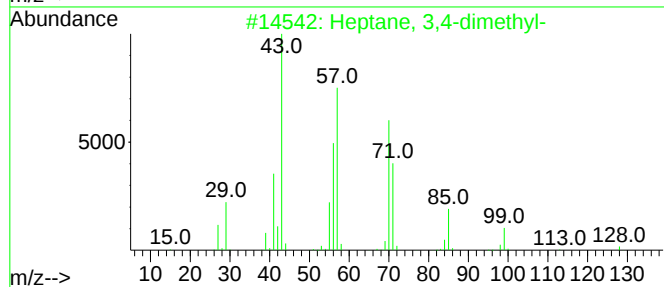
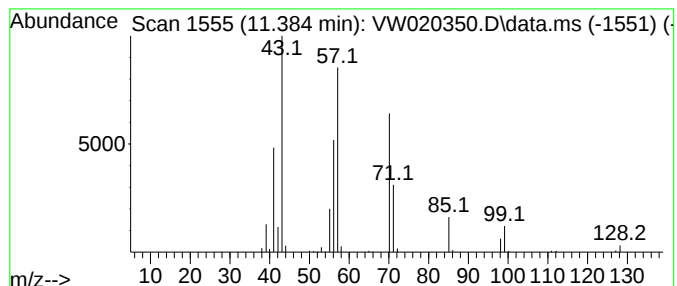
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	1.43 ug/L	62931	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	83
2		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	78
3		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
4		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	53
5		Aziridine, 2-hexyl-	127	C8H17N	013906-89-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

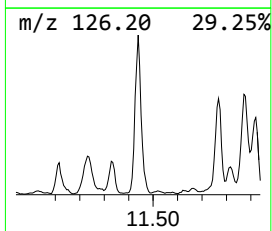
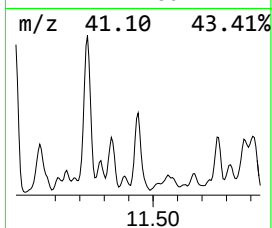
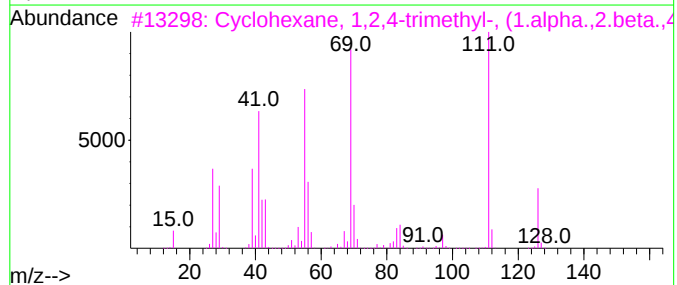
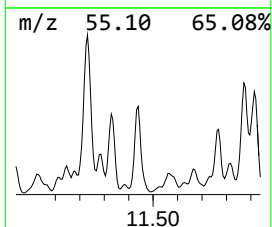
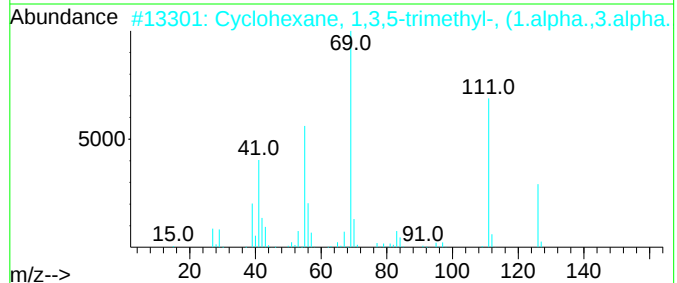
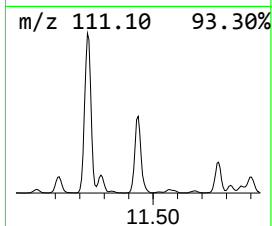
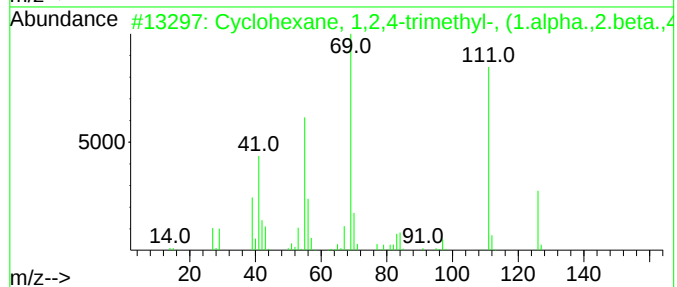
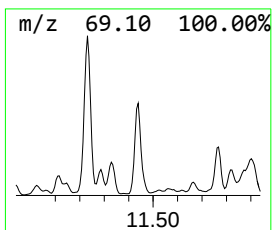
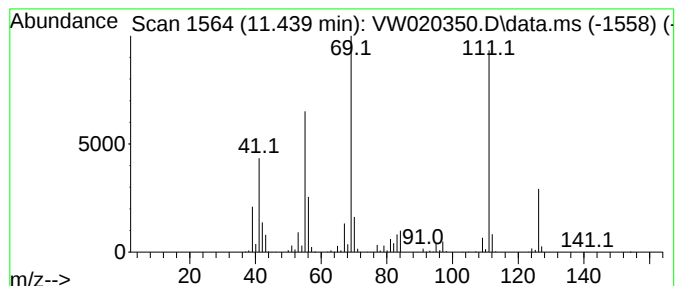
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.439 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	19.07 ug/L	836758	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	96
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	95
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	93
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

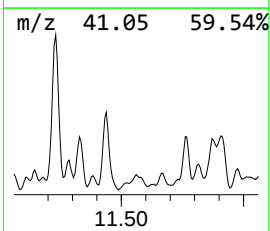
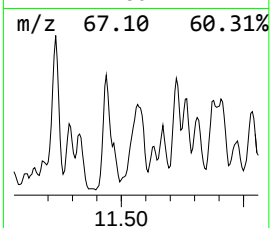
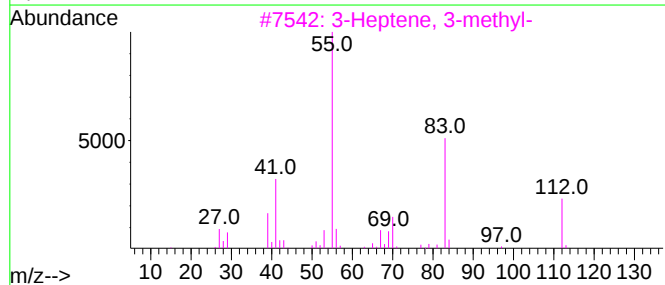
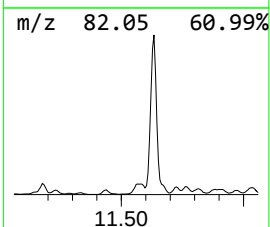
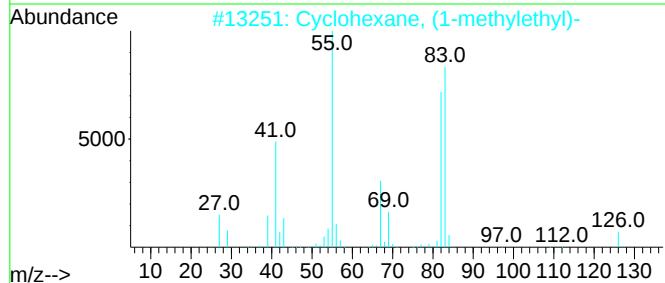
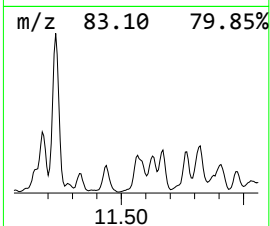
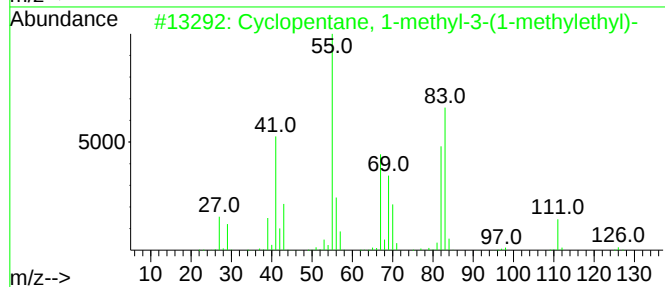
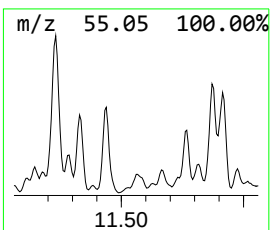
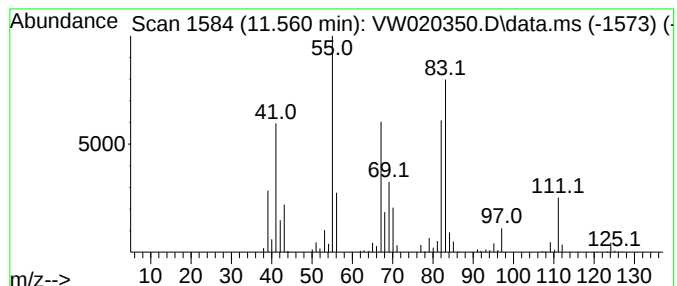
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic11.560 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.560	6.33 ug/L	277674	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	78
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
3			3-Heptene, 3-methyl-	112	C8H16	007300-03-0	43
4			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
5			3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

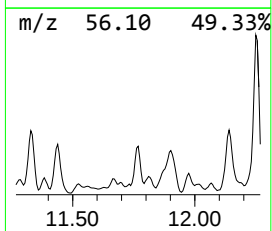
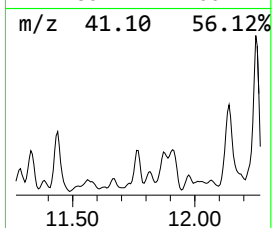
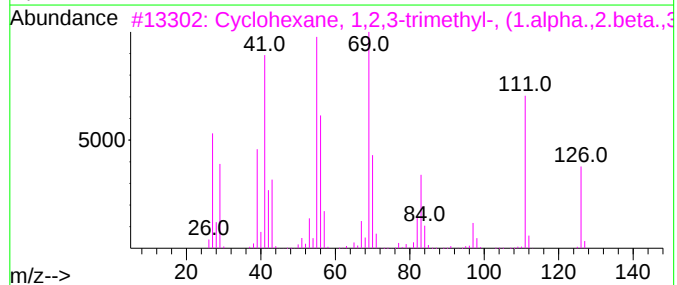
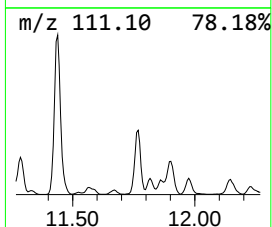
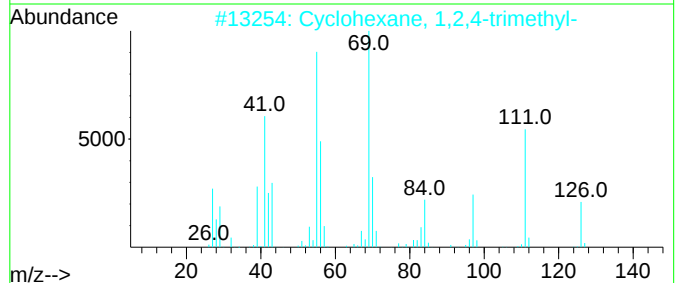
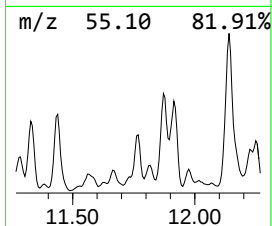
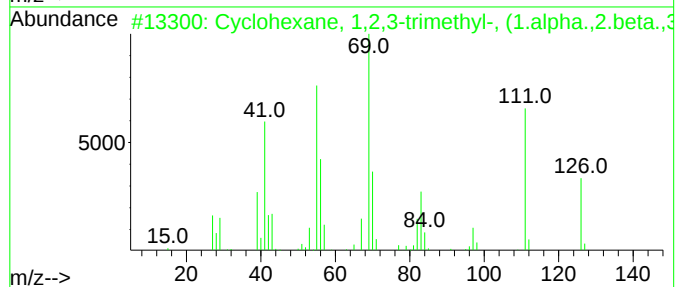
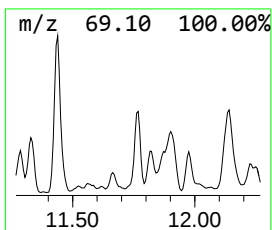
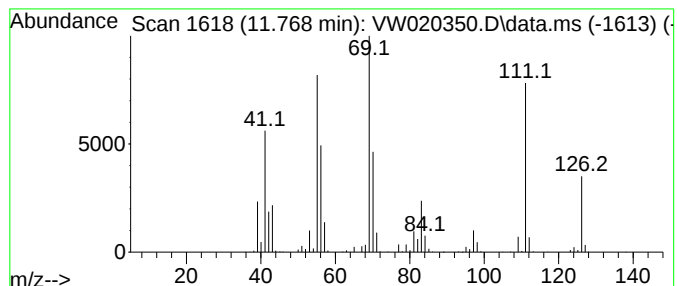
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic11.768 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.768	8.90 ug/L	390667	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	95
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
3			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	81
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

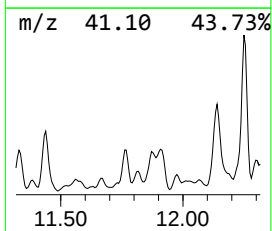
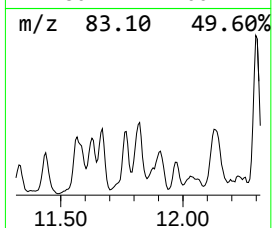
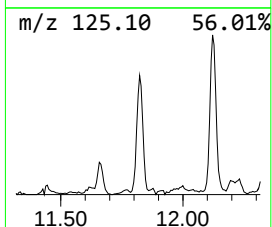
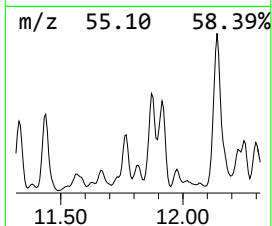
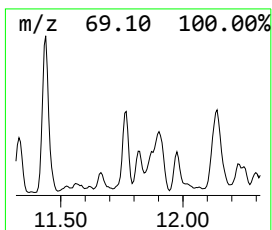
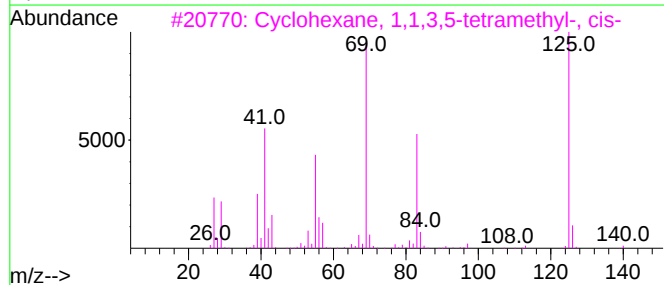
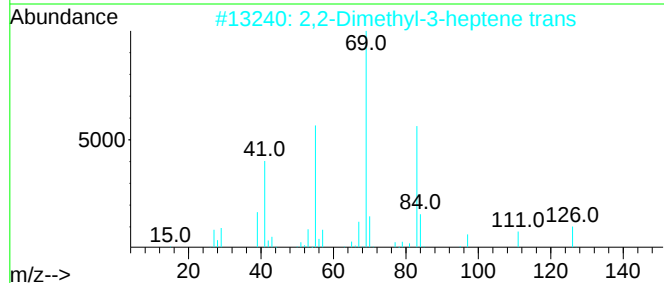
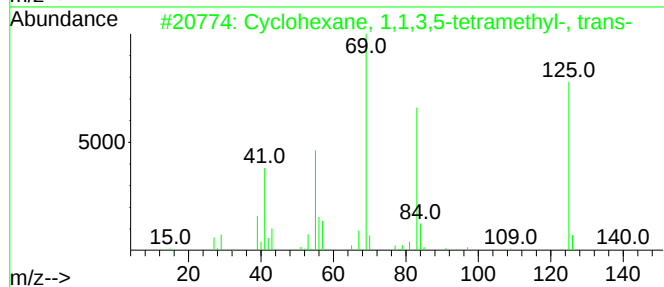
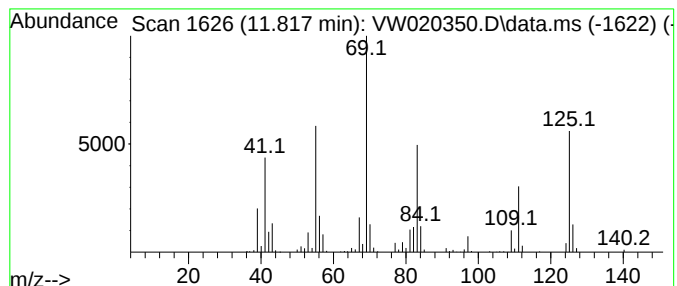
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic11.817 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.817	3.46 ug/L	152007	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	68
2		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	64
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	49
4		Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	43
5		6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

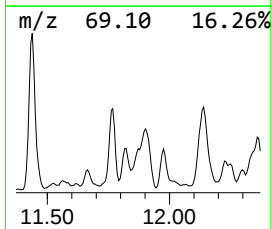
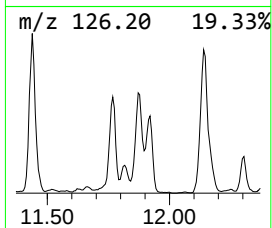
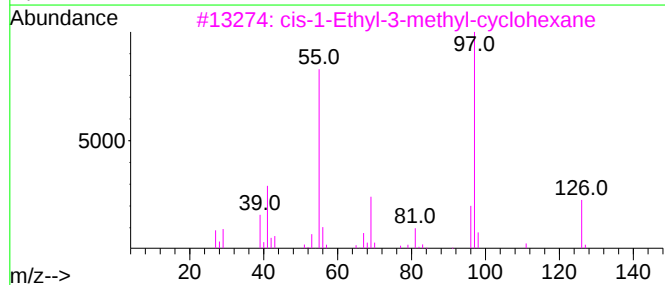
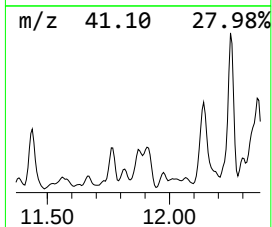
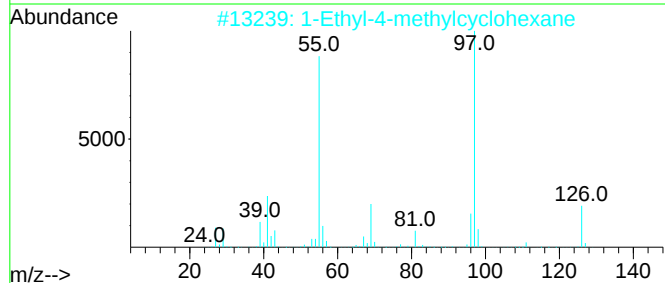
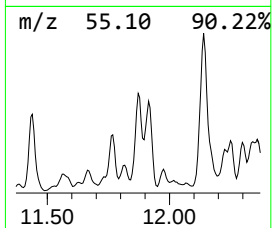
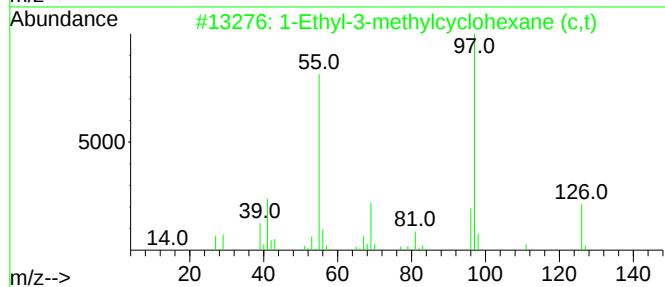
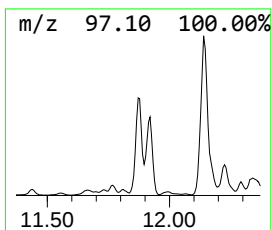
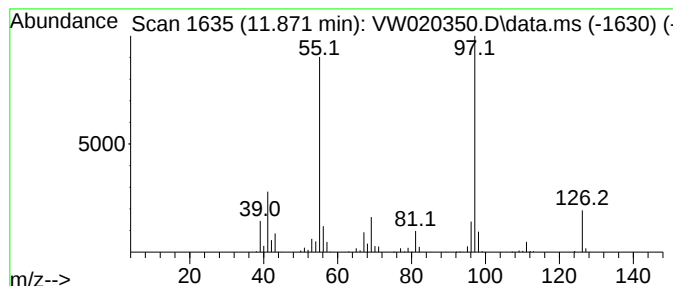
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic11.871 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.871	11.05 ug/L	484847	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	90
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

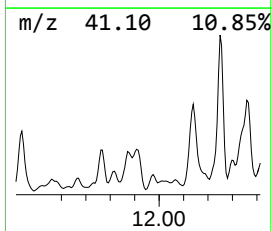
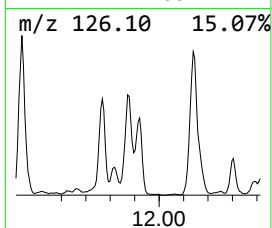
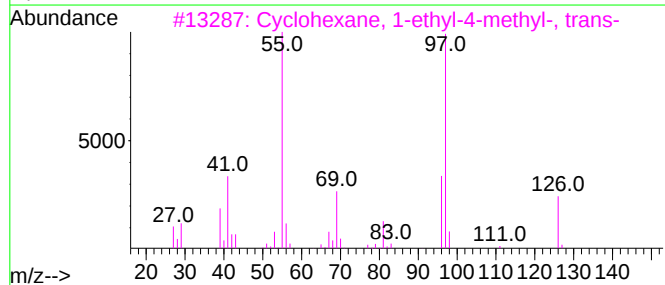
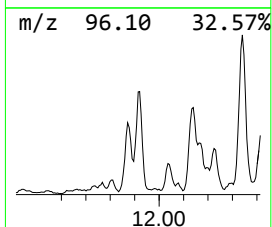
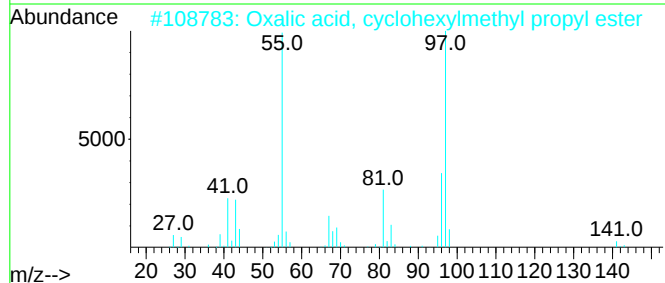
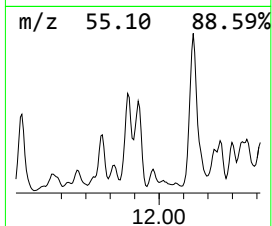
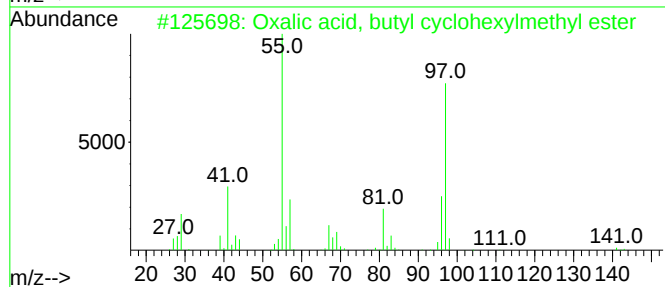
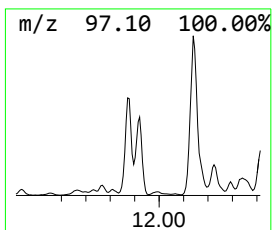
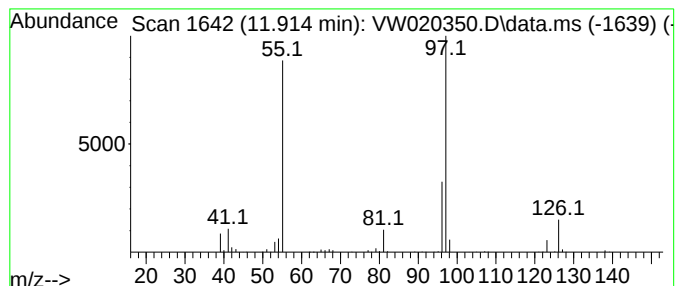
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 Oxalic acid, butyl cyclohex... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.914	11.60 ug/L	509155	Chlorobenzene-d5			11.634
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl cyclohexylmet...		242	C13H22O4	1000309-68-2	50
2	Oxalic acid, cyclohexylmethyl pr...		228	C12H20O4	1010309-68-1	50
3	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	006236-88-0	50
4	Cyclopentane, 1-hydroxymethyl-1,...		128	C8H16O	1000156-73-8	50
5	Oxalic acid, cyclohexylmethyl et...		214	C11H18O4	1000309-68-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

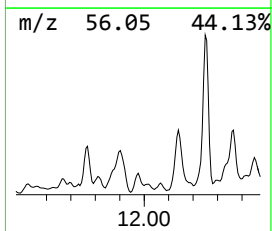
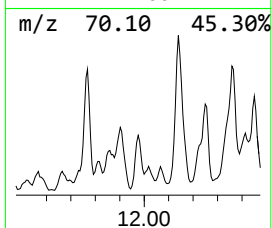
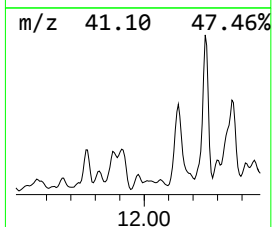
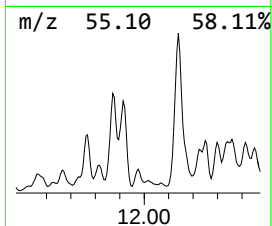
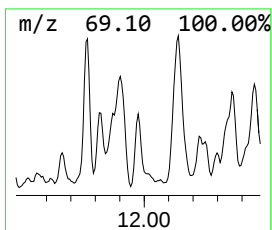
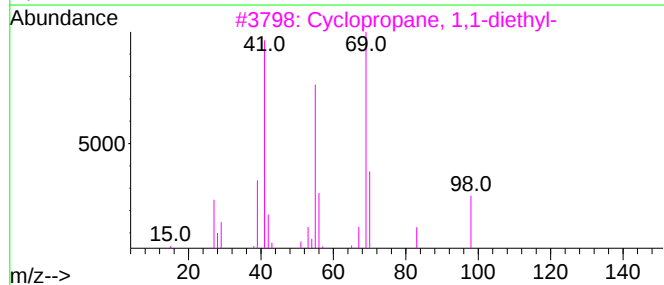
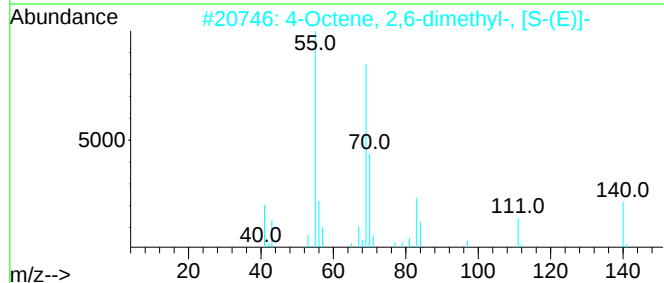
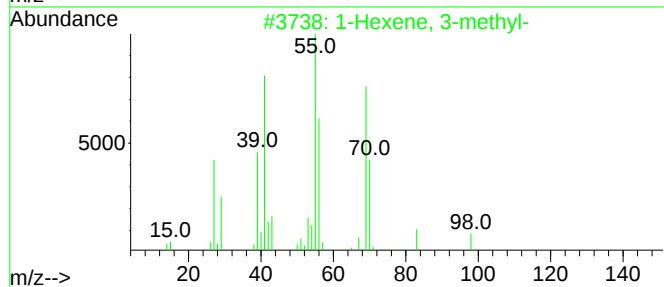
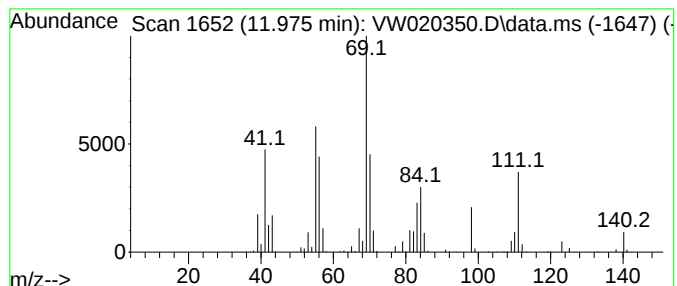
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.975	4.75 ug/L	208487	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	64
2	4-Octene, 2,6-dimethyl-, [S-(E)]-		140	C10H20	062960-76-3	58
3	Cyclopropane, 1,1-diethyl-		98	C7H14	001003-19-6	52
4	Trans-1,4-diethylcyclohexane		140	C10H20	013990-93-7	50
5	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

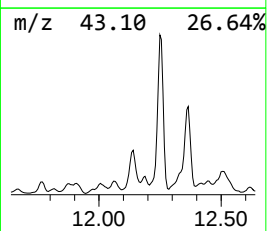
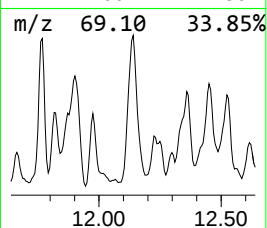
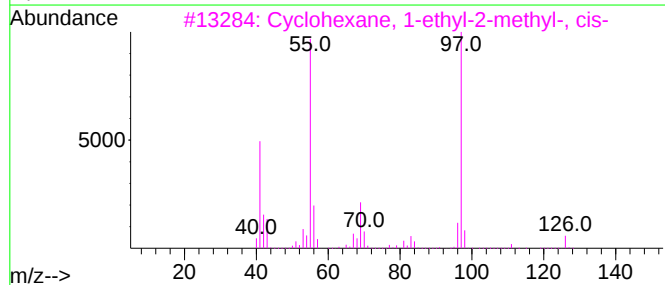
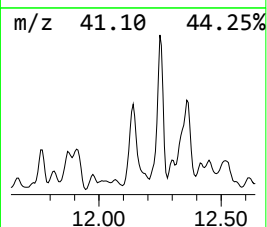
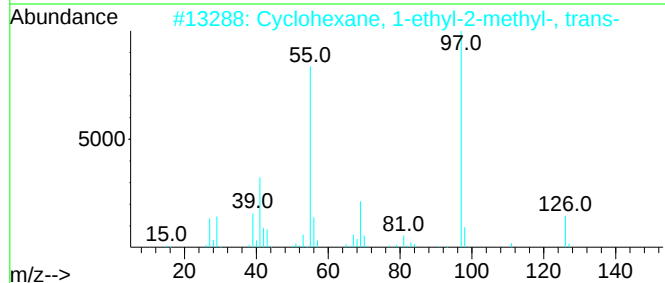
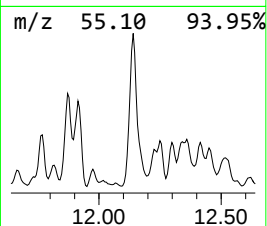
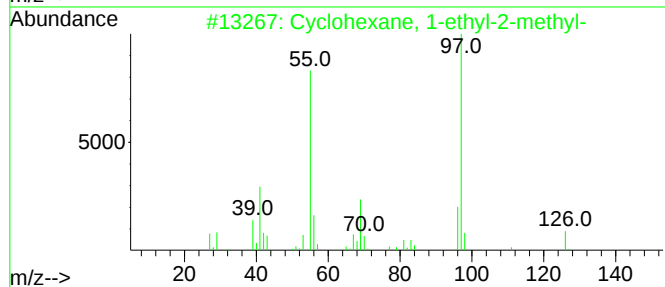
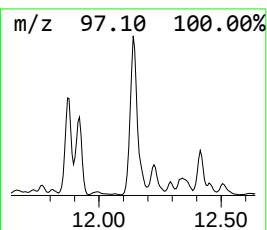
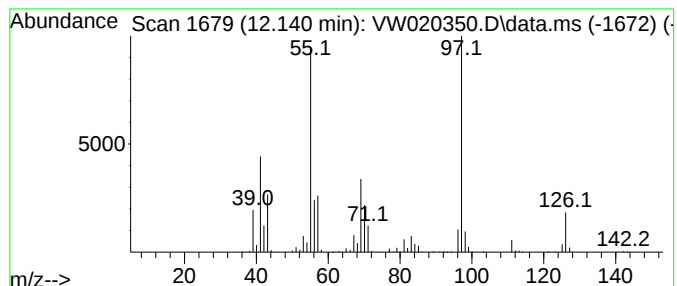
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	33.11 ug/L	1452820	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

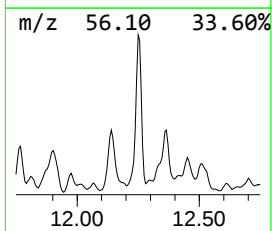
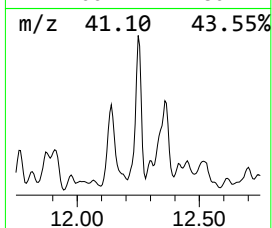
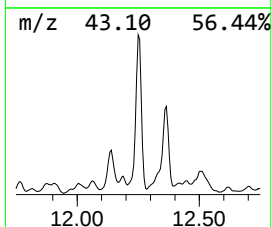
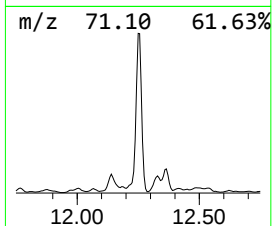
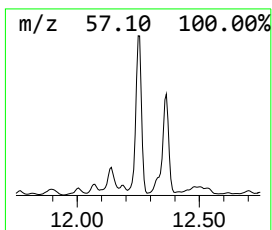
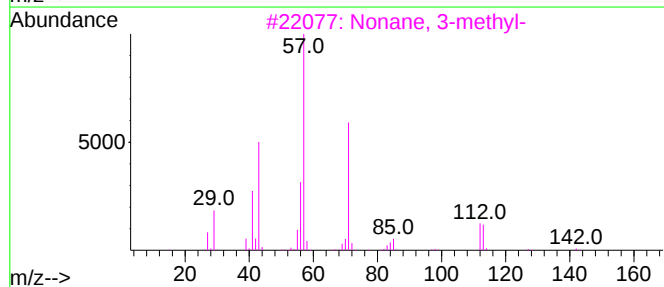
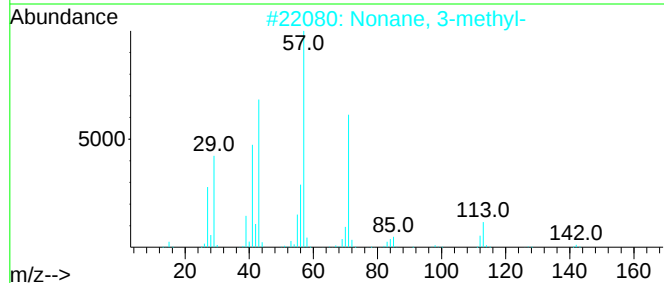
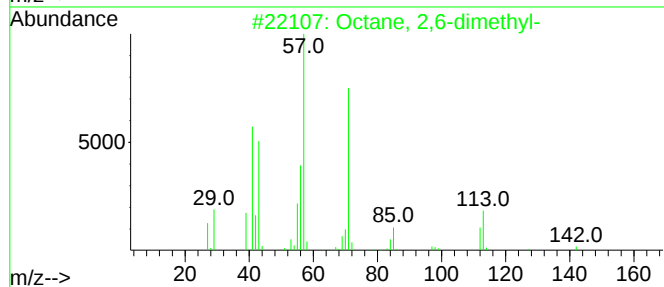
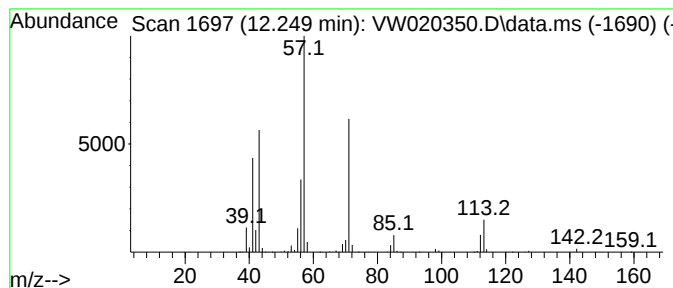
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	35.12 ug/L	1541030	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

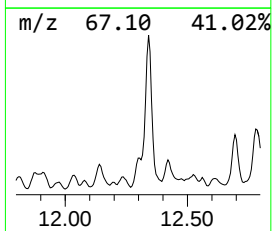
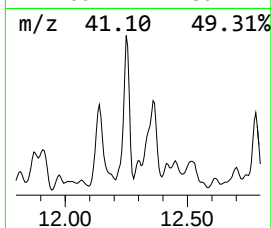
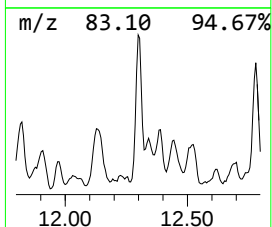
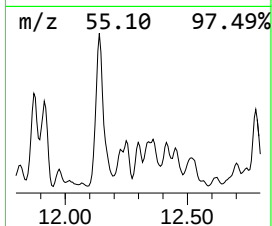
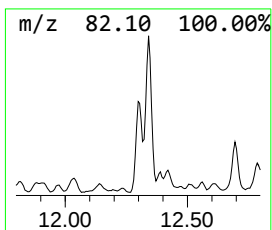
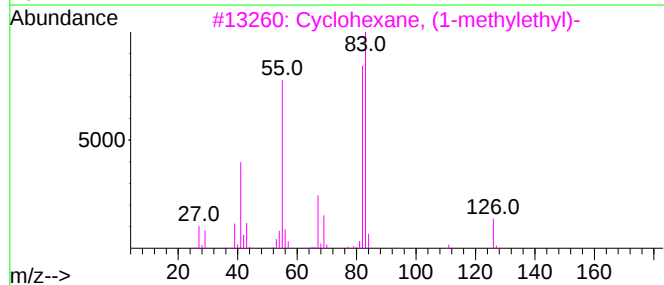
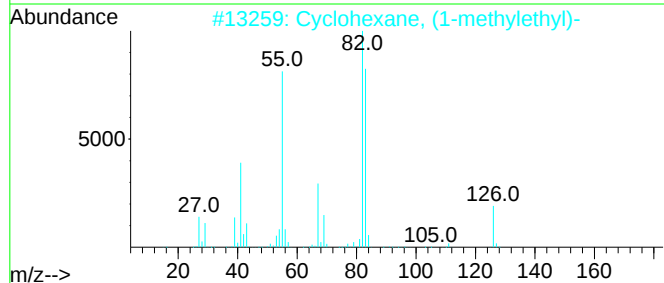
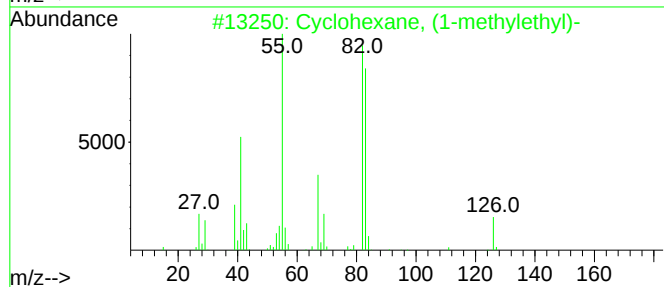
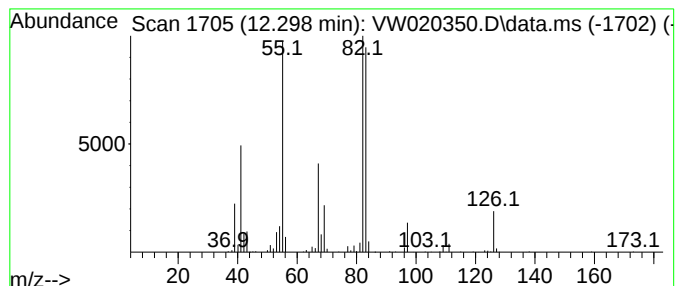
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic12.298 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	5.04 ug/L	221113	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4			(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	53
5			(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

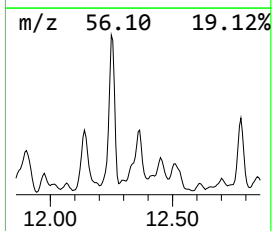
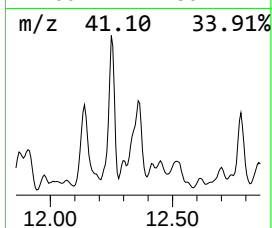
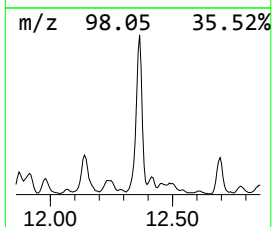
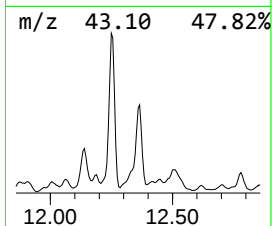
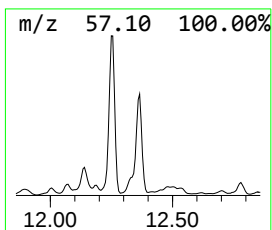
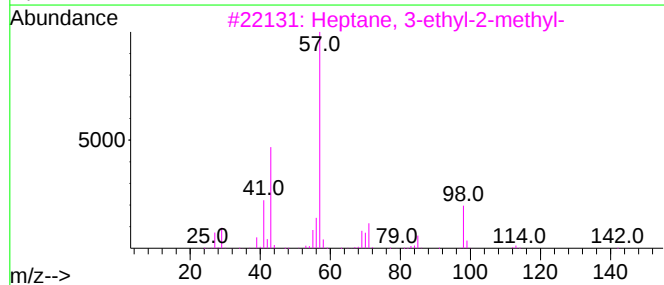
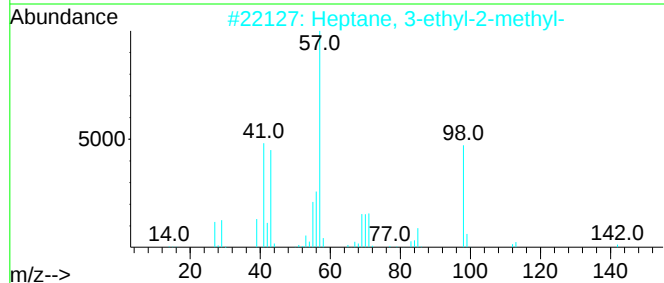
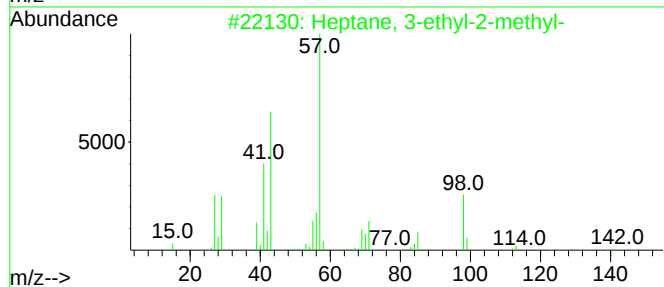
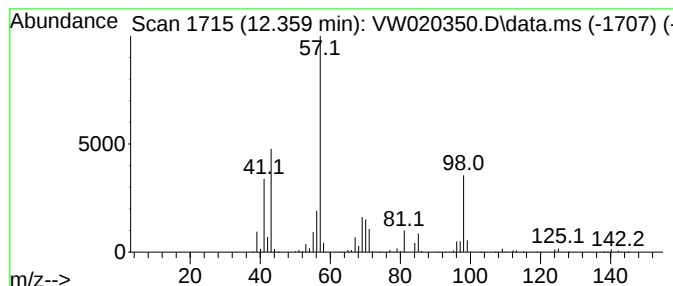
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	38.15 ug/L	1673920	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

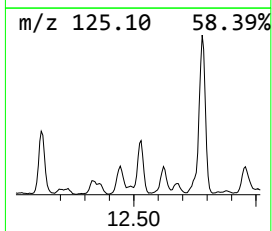
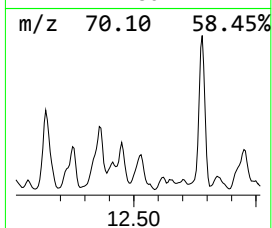
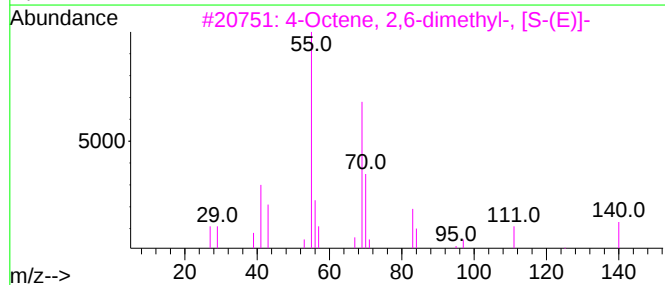
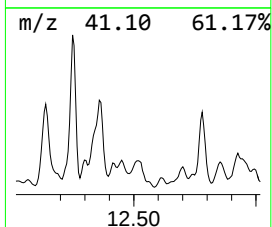
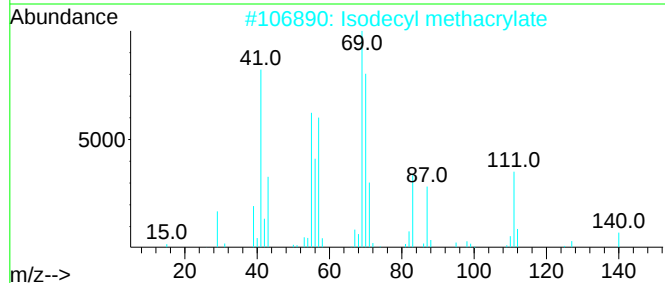
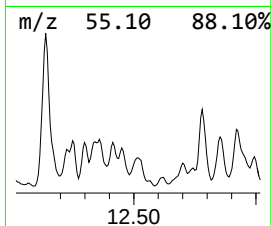
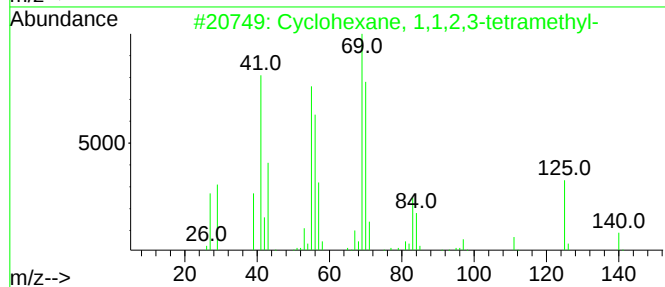
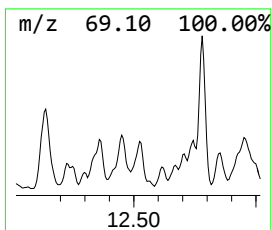
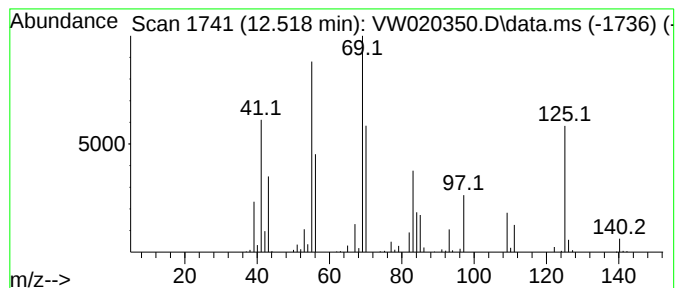
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Cyclic12.518 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.518	8.17 ug/L	358377	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	68
2		Isodecyl methacrylate	226	C14H26O2	029964-84-9	47
3		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	47
4		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	47
5		1-Decene	140	C10H20	000872-05-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

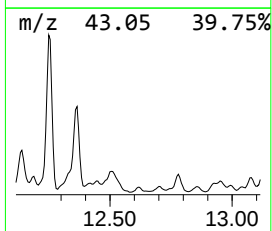
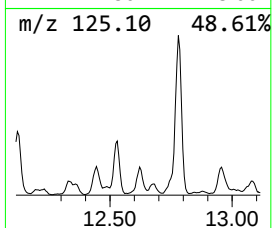
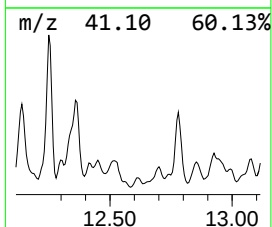
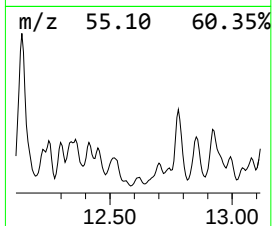
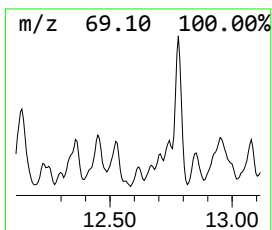
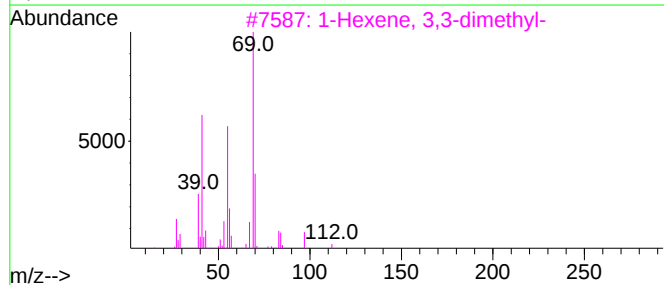
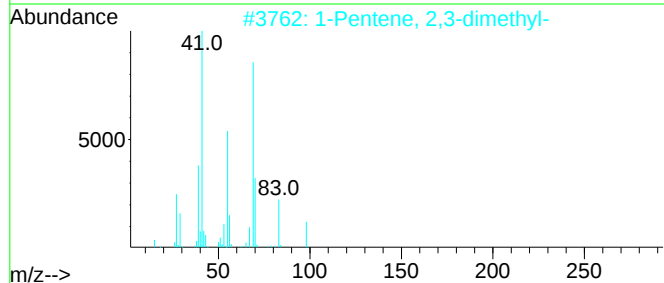
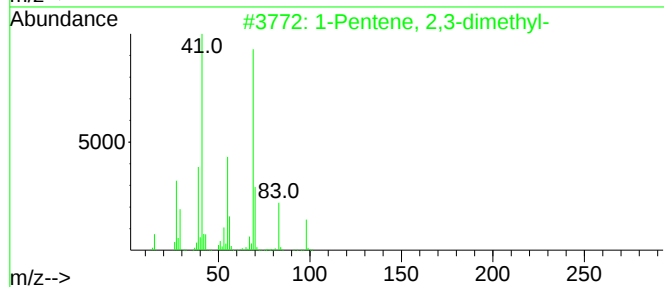
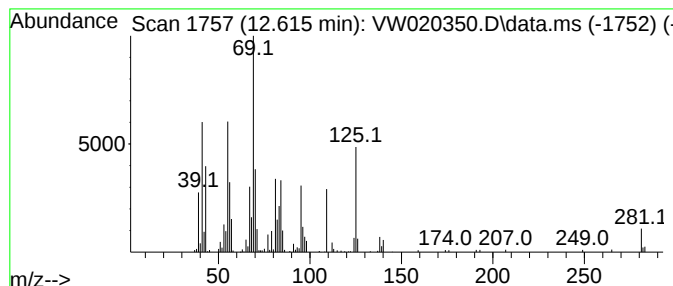
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.615	4.29 ug/L	159851	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-		98	C7H14	003404-72-6	45
2	1-Pentene, 2,3-dimethyl-		98	C7H14	003404-72-6	45
3	1-Hexene, 3,3-dimethyl-		112	C8H16	003404-77-1	43
4	1-Pentene, 2,3-dimethyl-		98	C7H14	003404-72-6	43
5	2-Pentene, 3-methyl-, (Z)-		84	C6H12	000922-62-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

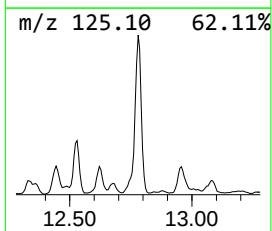
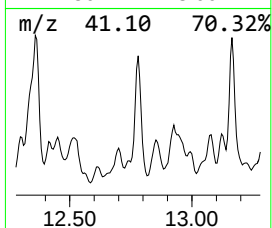
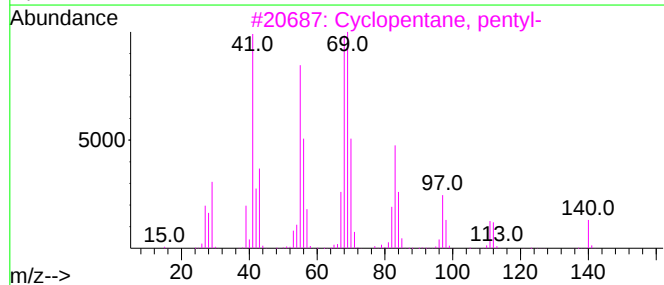
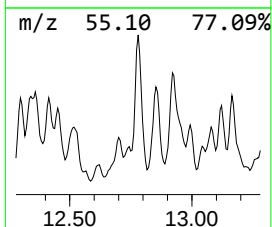
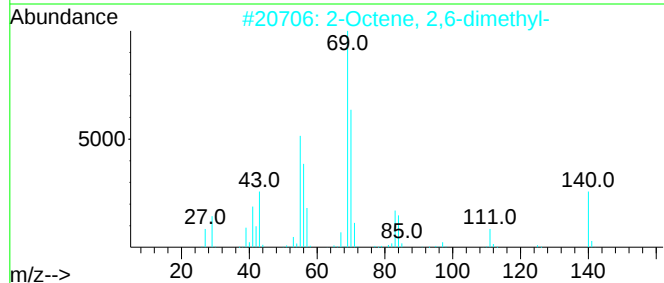
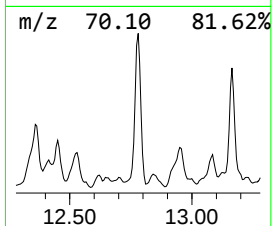
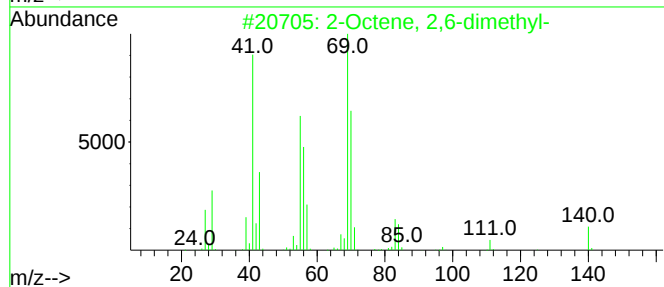
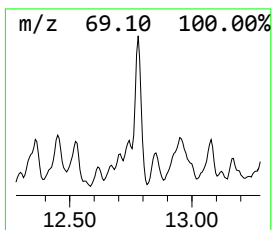
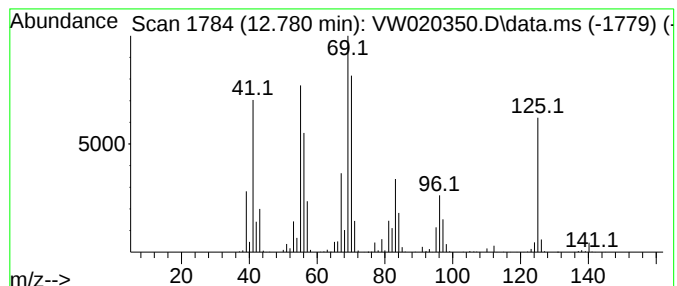
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	24.57 ug/L	914562	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3		Cyclopentane, pentyl-	140	C10H20	003741-00-2	50
4		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

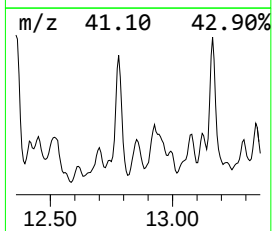
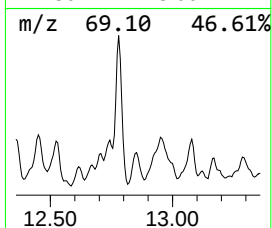
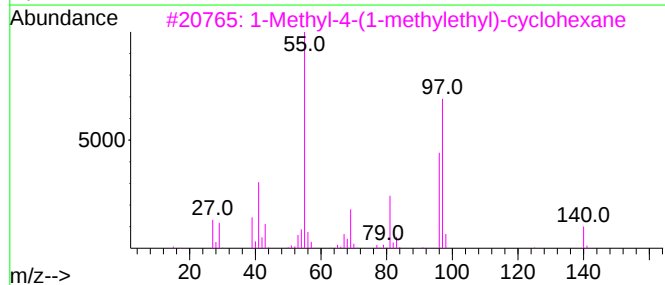
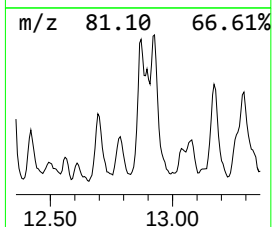
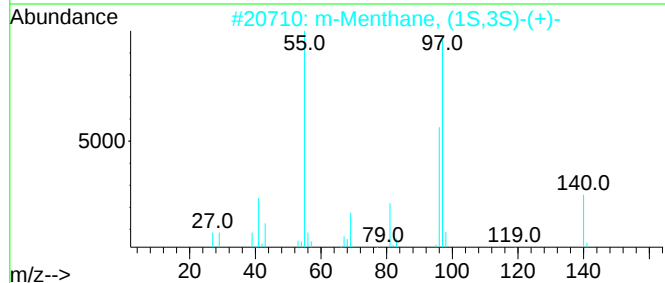
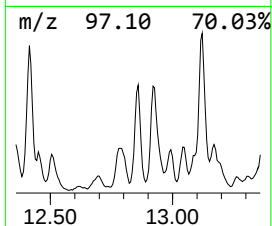
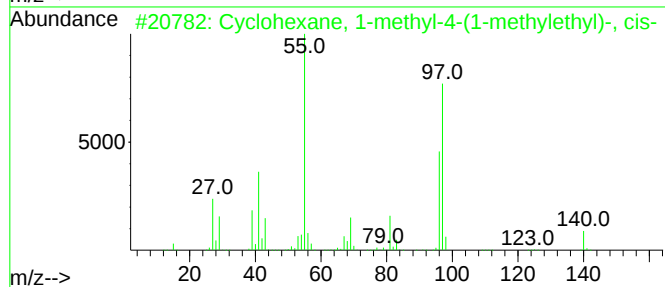
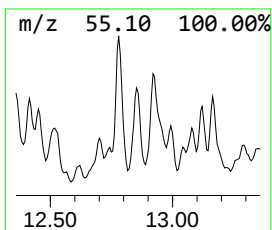
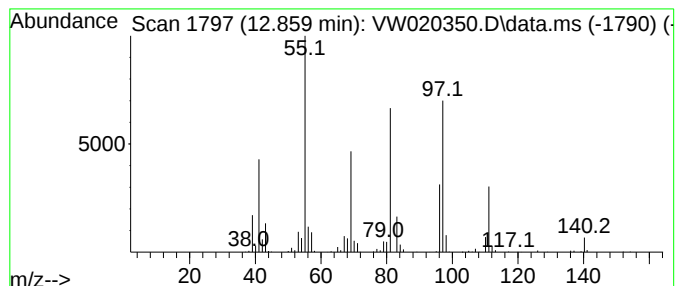
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Cyclic12.859 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	9.66 ug/L	359653	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	70
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64
4			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

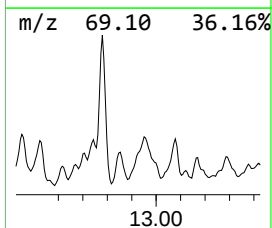
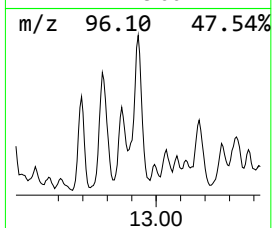
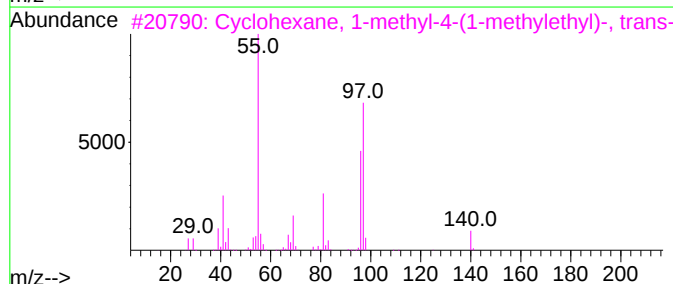
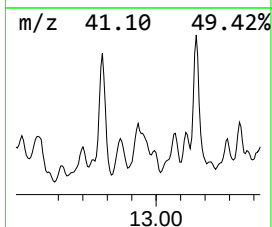
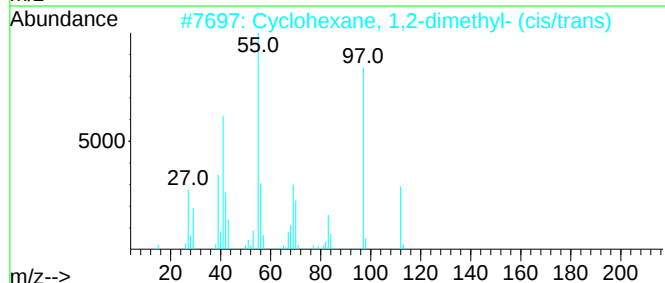
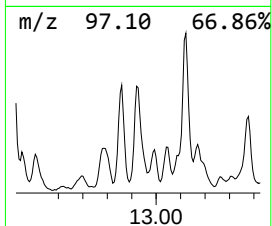
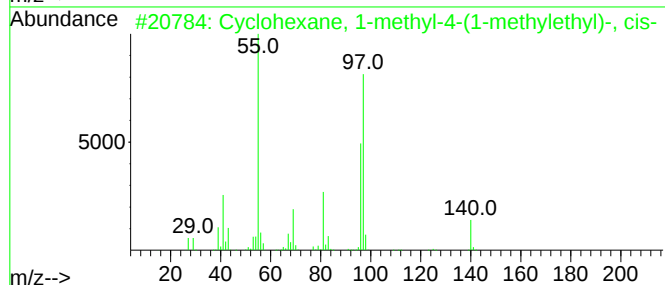
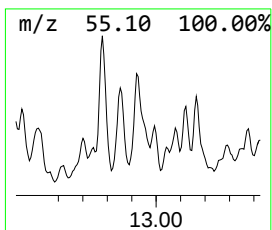
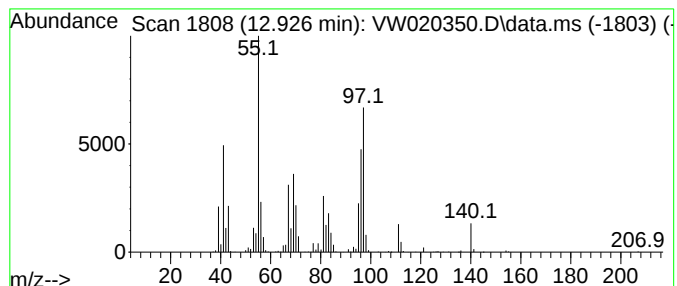
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Cyclic12.926 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.926	13.02 ug/L	484580	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	50
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

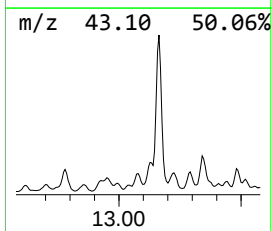
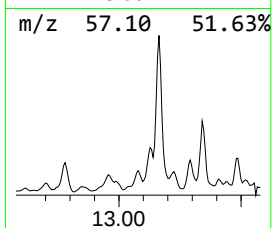
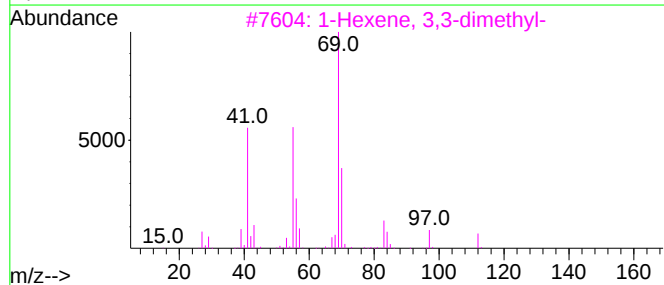
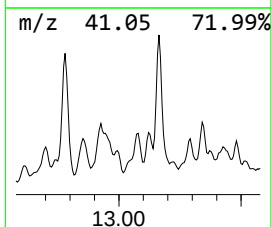
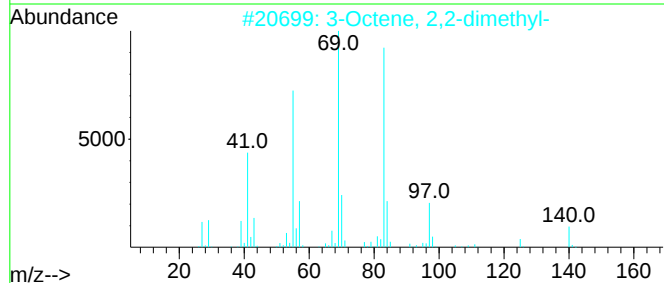
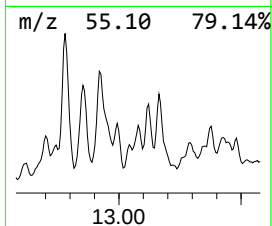
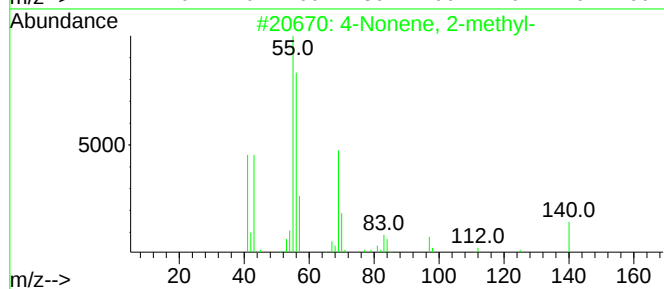
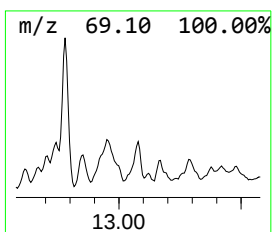
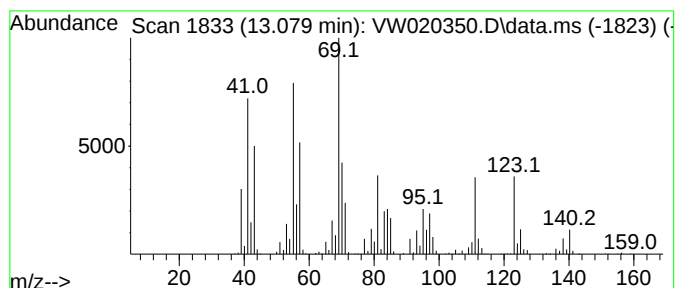
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.079	11.38 ug/L	423825	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-Nonene, 2-methyl-		140	C10H20	055724-84-0	64
2	3-Octene, 2,2-dimethyl-		140	C10H20	086869-76-3	49
3	1-Hexene, 3,3-dimethyl-		112	C8H16	003404-77-1	46
4	4-Isopropylcyclohexanone		140	C9H16O	005432-85-9	45
5	2-Heptene, 4-methyl-, (E)-		112	C8H16	066225-17-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

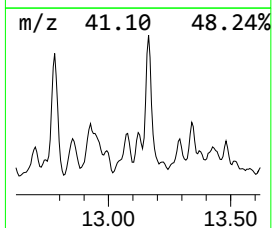
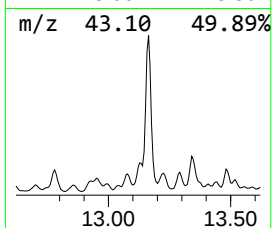
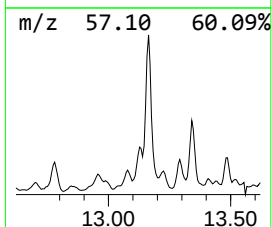
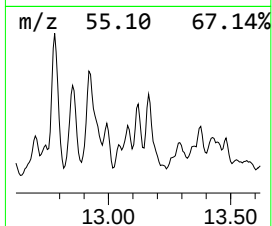
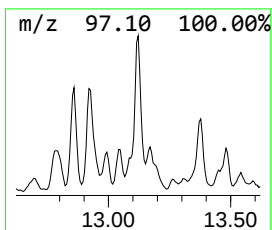
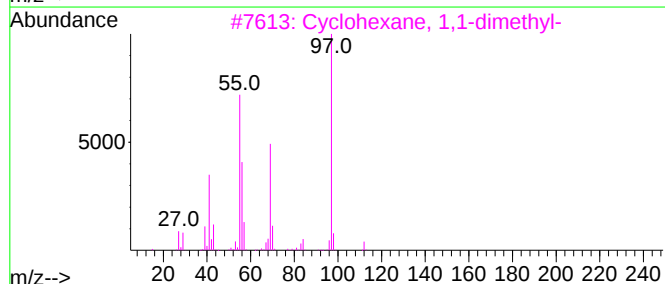
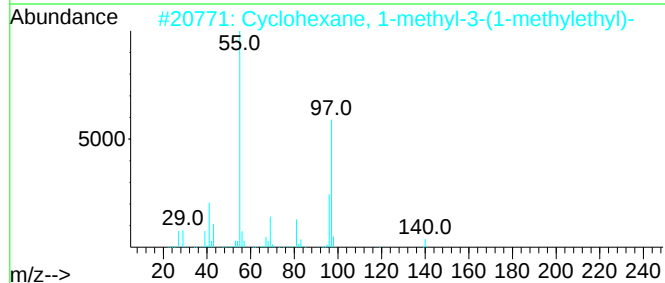
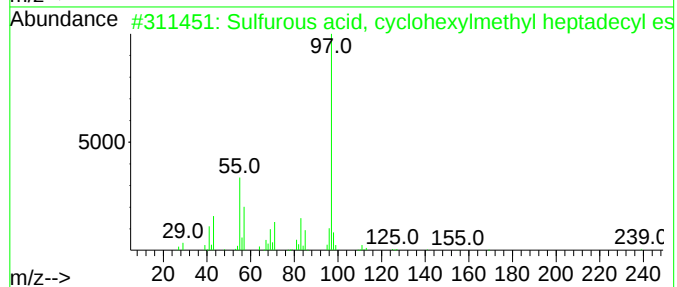
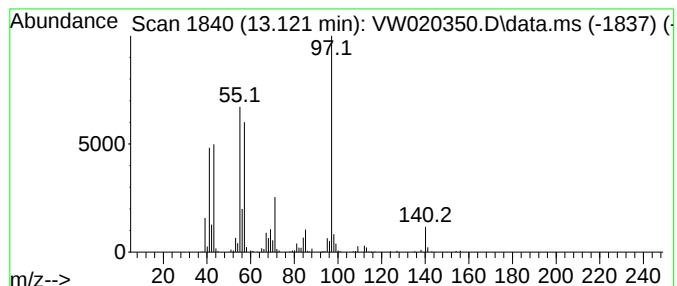
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 Sulfurous acid, cyclohexylm... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	6.21 ug/L	231007	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	53
2			Cyclohexane, 1-methyl-3-(1-methyl-...	140	C10H20	016580-24-8	47
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
4			2-Butyn-1-ol diethyl acetal	142	C8H14O2	002806-97-5	43
5			4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

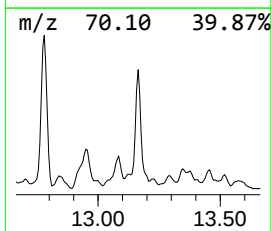
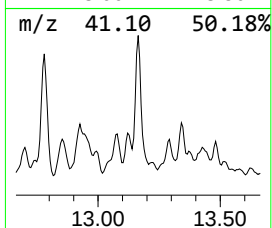
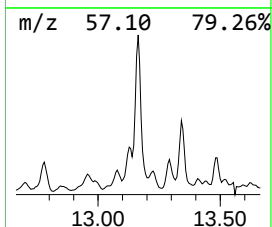
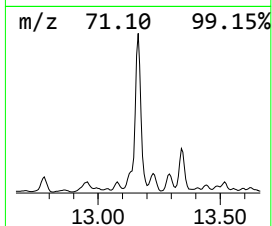
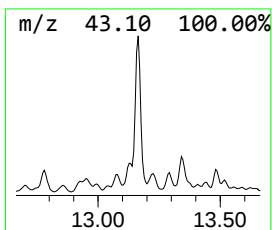
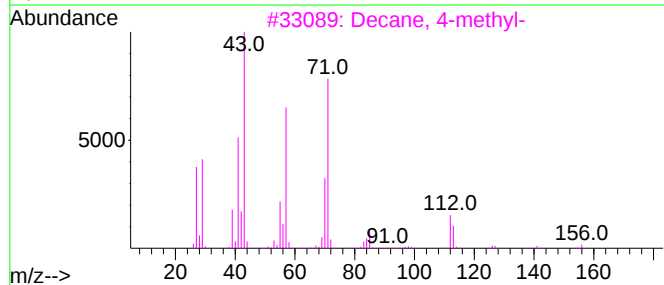
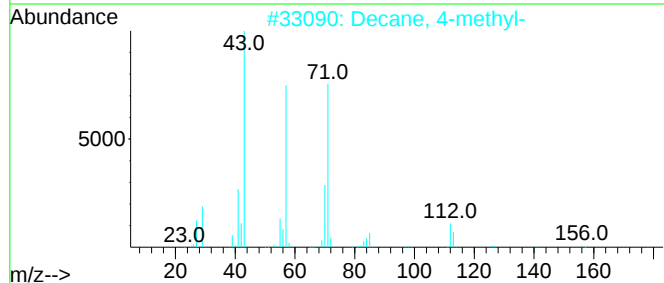
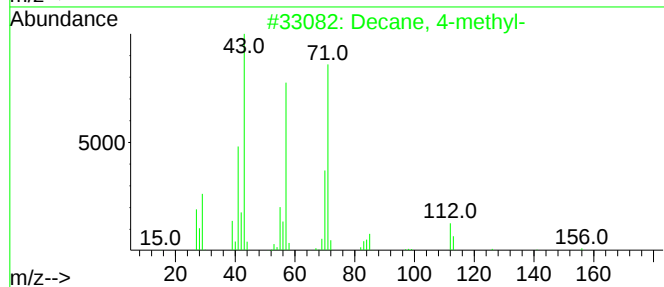
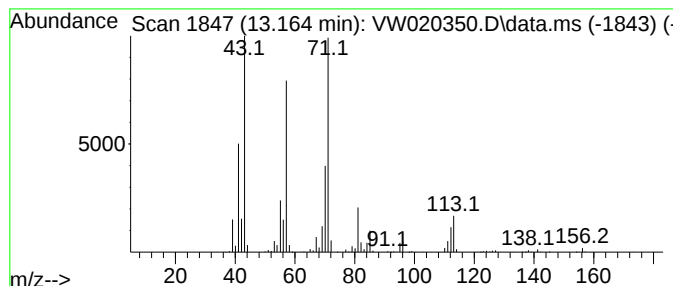
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	24.71 ug/L	919927	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Decane, 4-methyl-	156	C11H24	002847-72-5	90
3		Decane, 4-methyl-	156	C11H24	002847-72-5	87
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

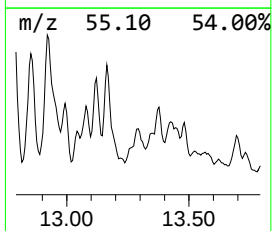
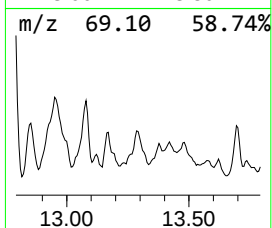
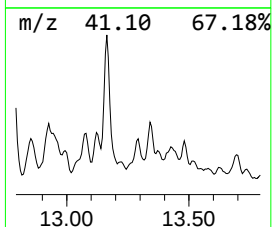
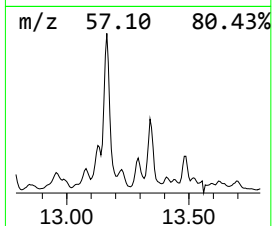
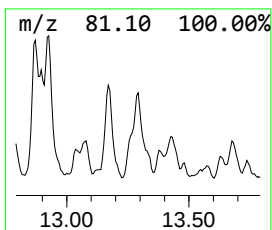
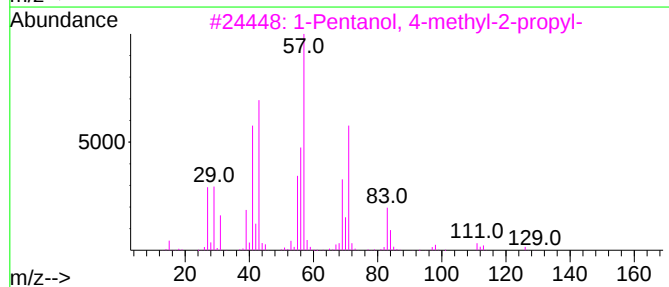
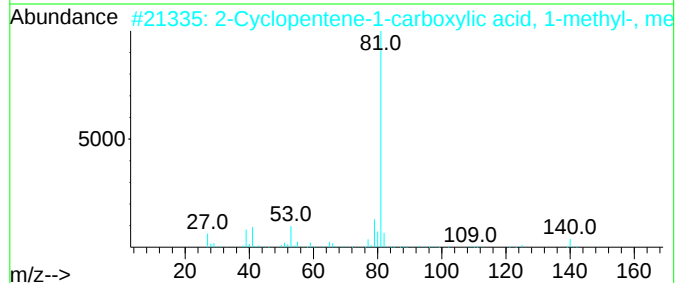
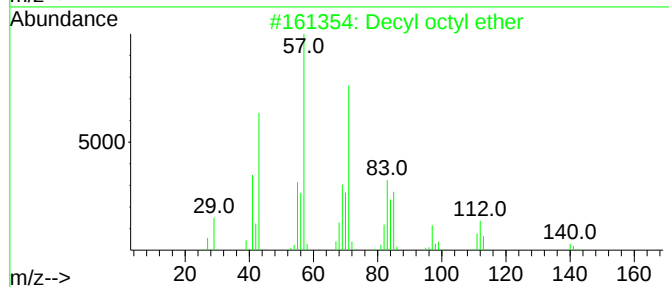
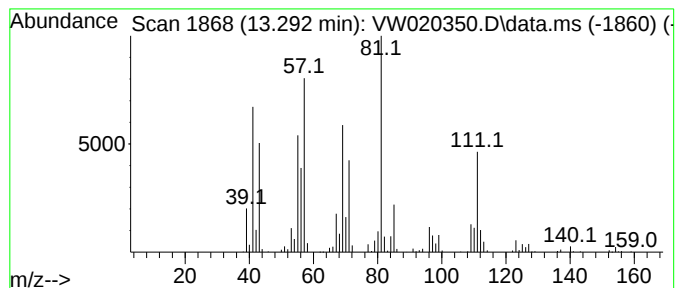
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 40 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	8.16 ug/L	303771	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl octyl ether	270	C18H38O	1000406-38-3	18
2			2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	18
3			1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	14
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	14
5			Decane, 2-methyl-	156	C11H24	006975-98-0	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

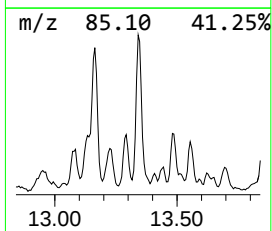
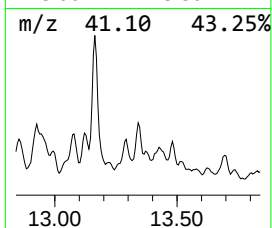
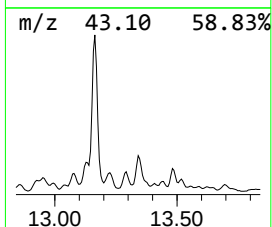
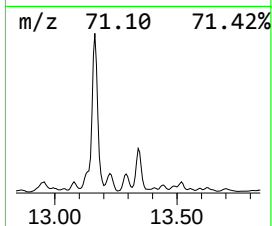
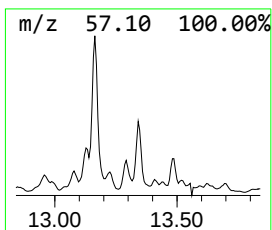
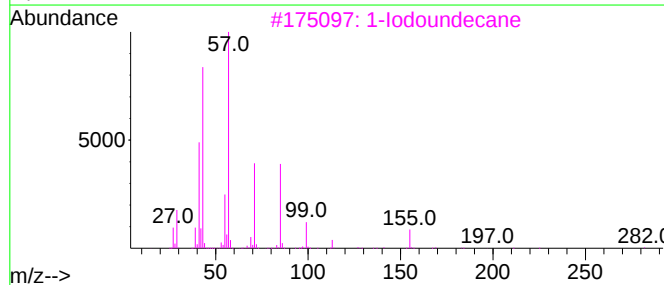
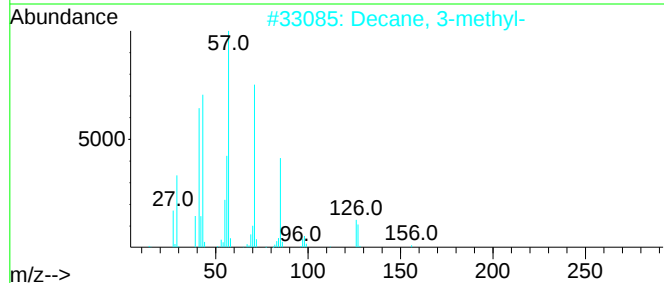
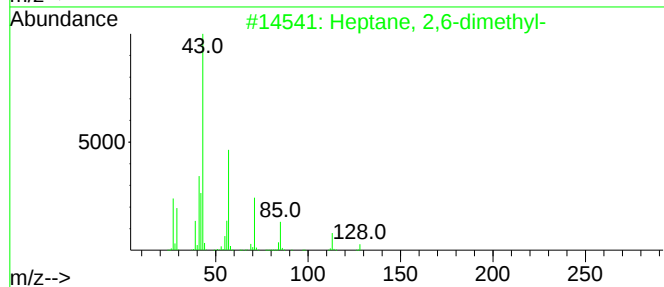
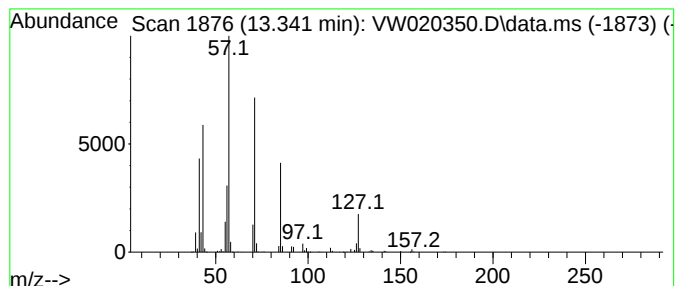
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	4.89 ug/L	182191	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64
2		Decane, 3-methyl-	156	C11H24	013151-34-3	64
3		1-Iodoundecane	282	C11H23I	004282-44-4	53
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

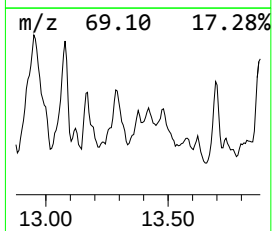
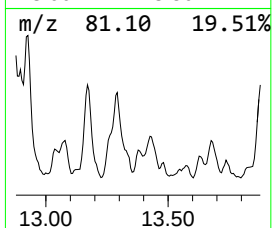
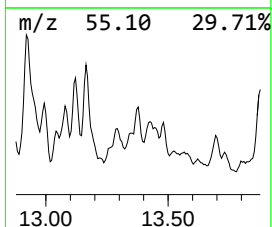
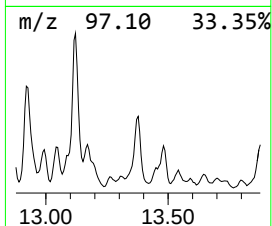
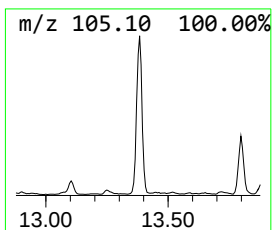
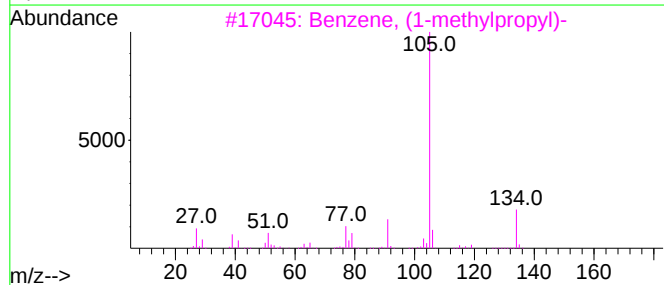
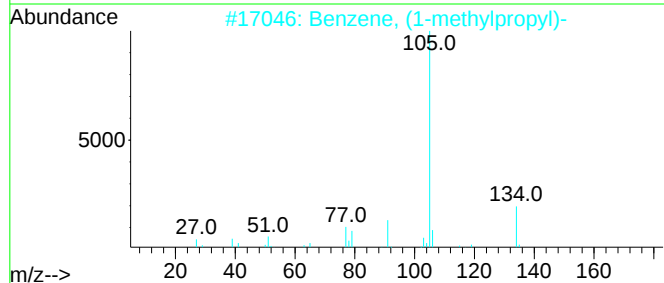
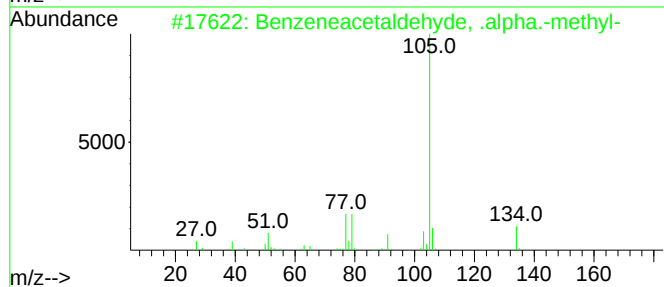
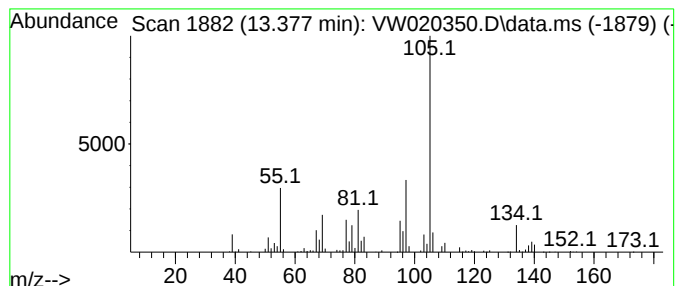
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	3.68 ug/L	136880	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	41
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

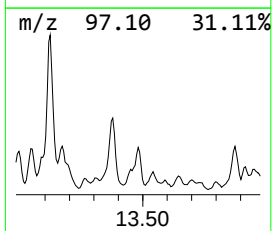
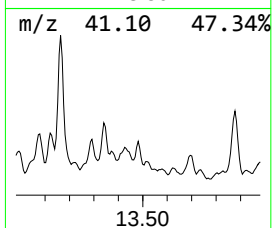
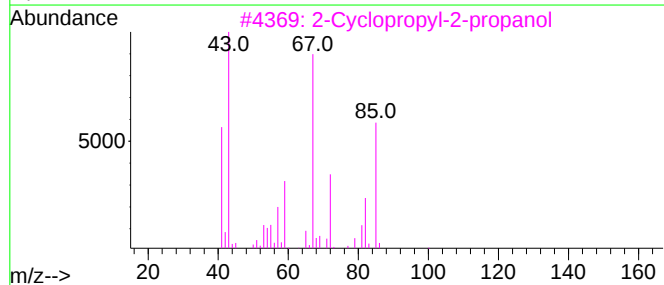
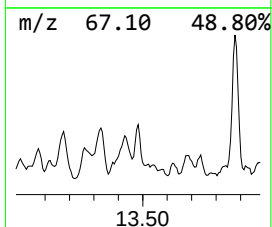
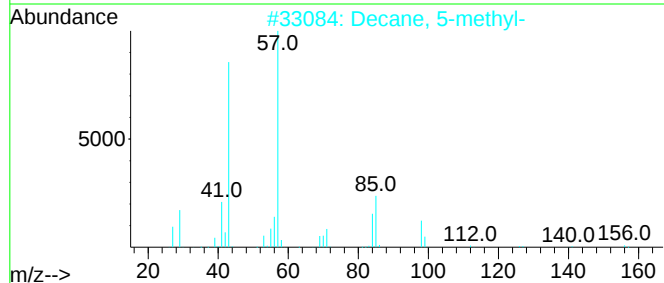
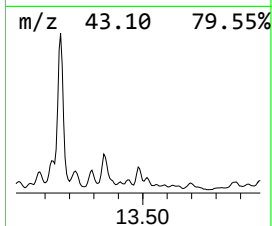
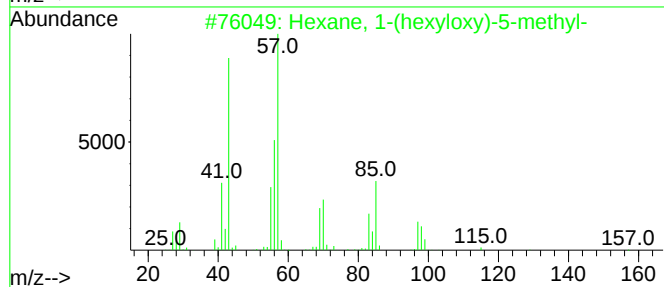
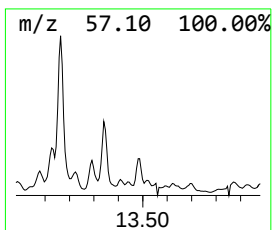
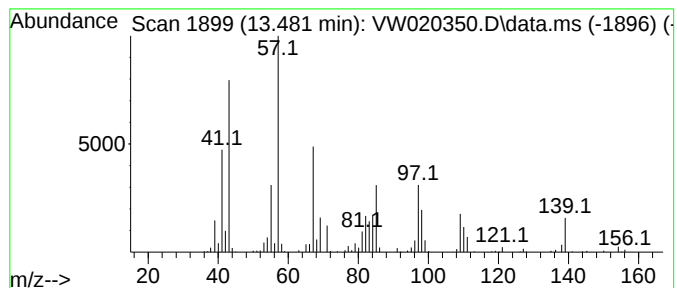
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 43 unknown-03 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	3.83 ug/L	142430	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	27
2			Decane, 5-methyl-	156	C11H24	013151-35-4	25
3			2-Cyclopropyl-2-propanol	100	C6H12O	1000424-82-1	22
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	14
5			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

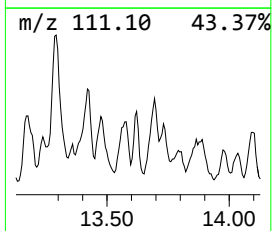
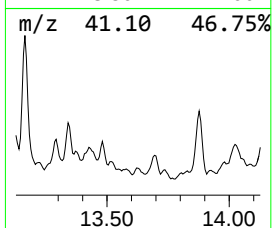
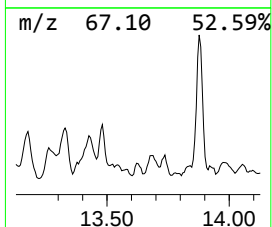
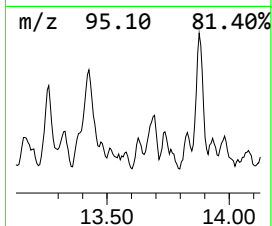
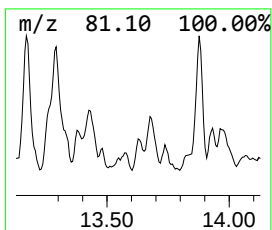
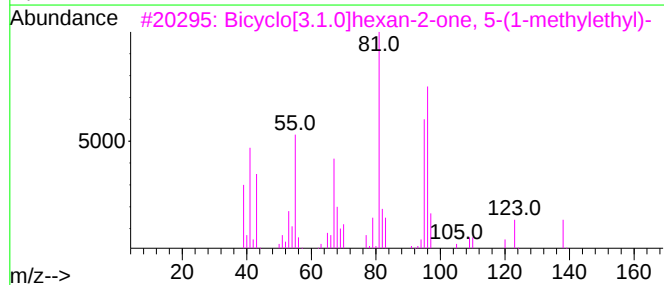
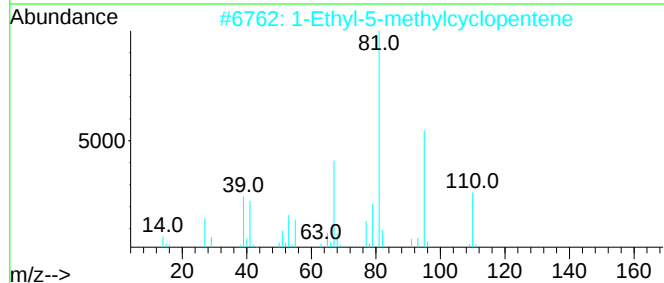
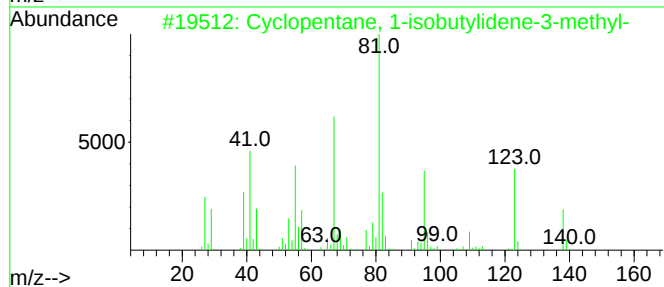
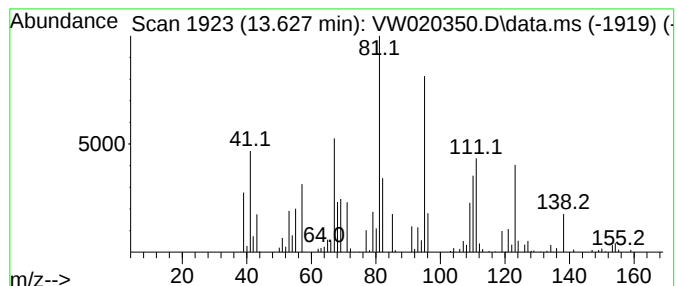
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 Cyclopentane, 1-isobutylide... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	1.48 ug/L	55216	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	60
2			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	52
3			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	52
4			3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	49
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

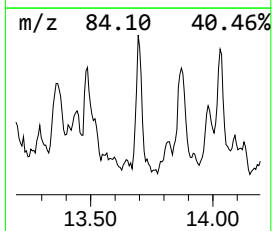
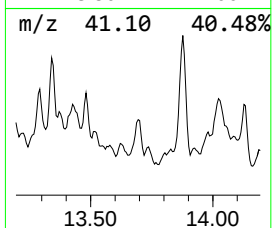
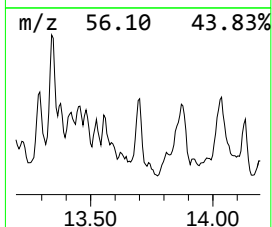
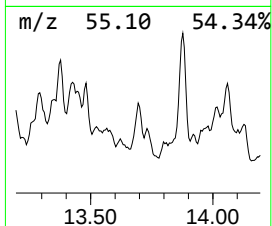
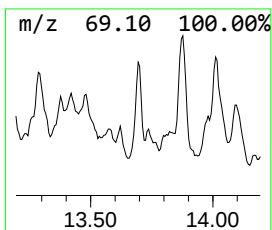
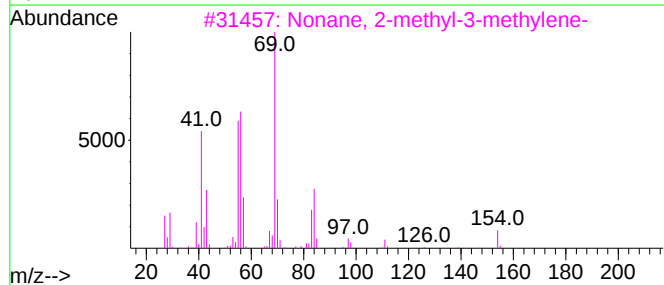
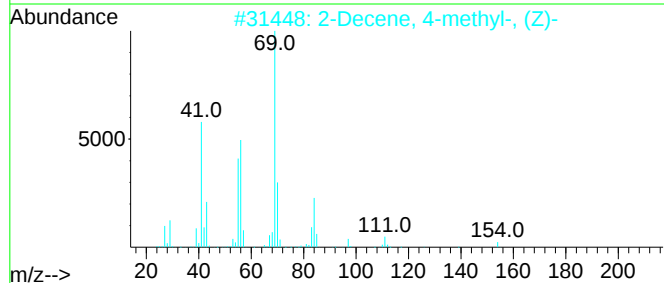
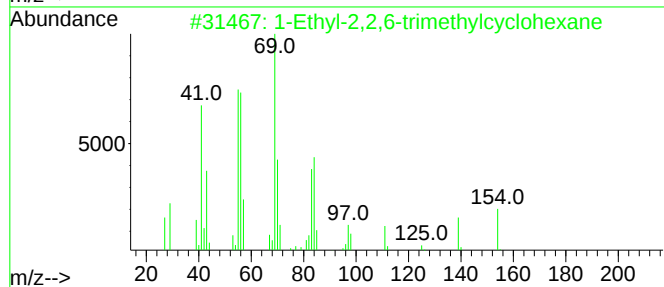
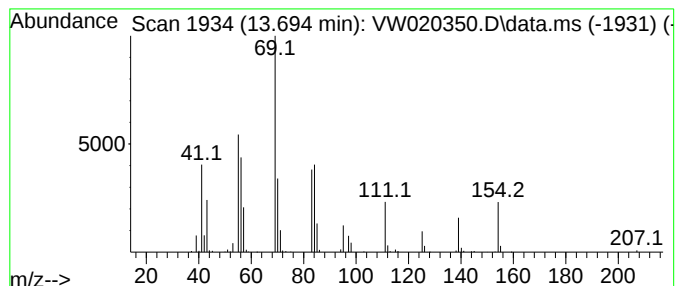
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Cyclic13.694 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	3.48 ug/L	129411	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	90
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	64
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
4			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	50
5			Cyclopentane, propyl-	112	C8H16	002040-96-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

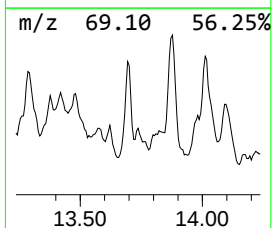
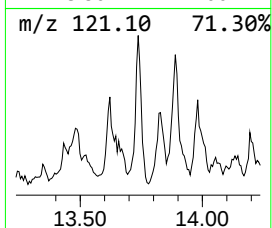
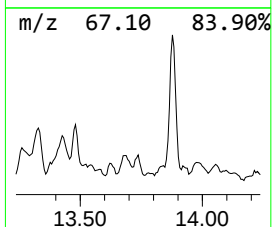
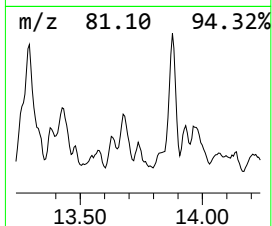
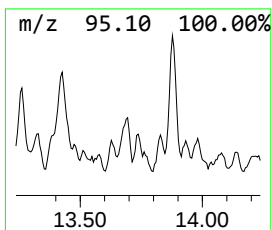
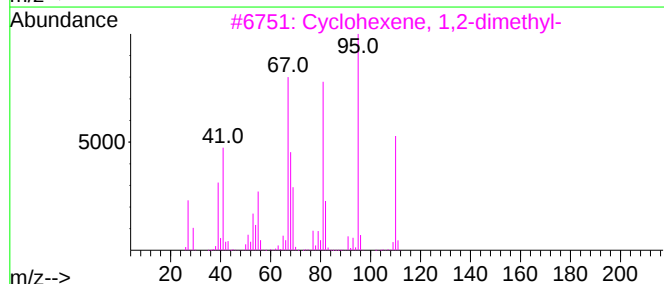
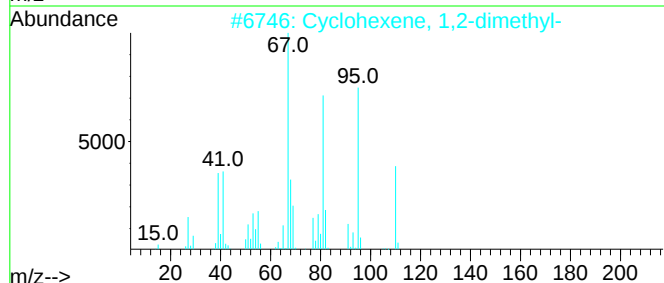
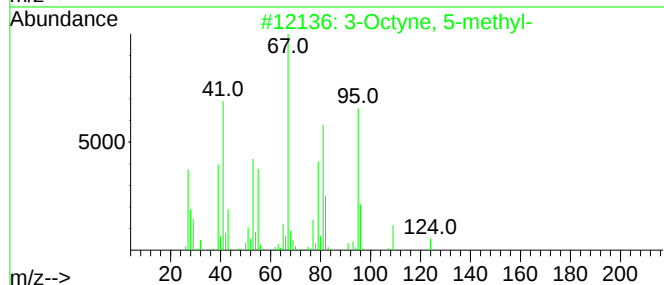
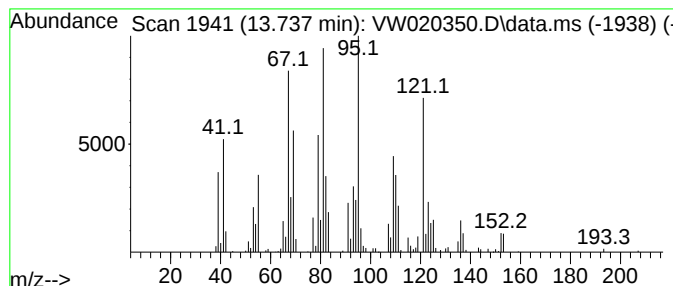
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 46 3-Octyne, 5-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.737	2.14 ug/L	79556	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octyne, 5-methyl-	124	C9H16	062108-33-2	70
2			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
3			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
4			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	58
5			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW910

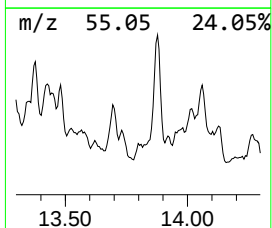
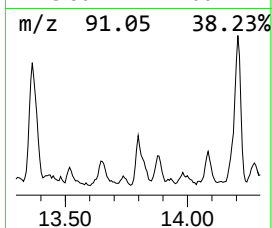
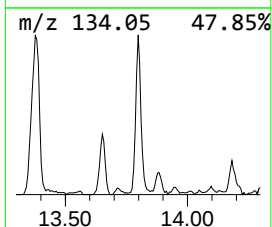
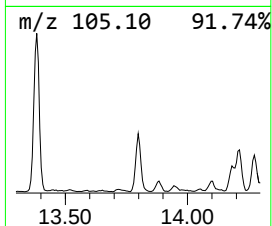
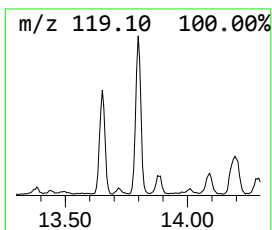
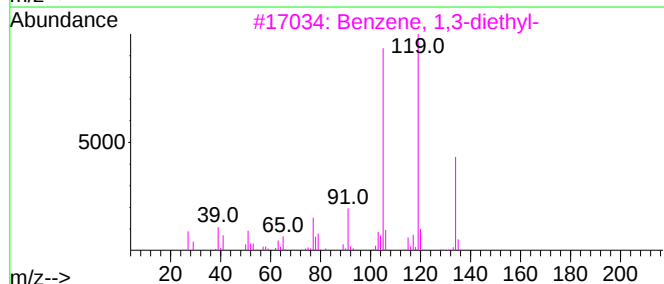
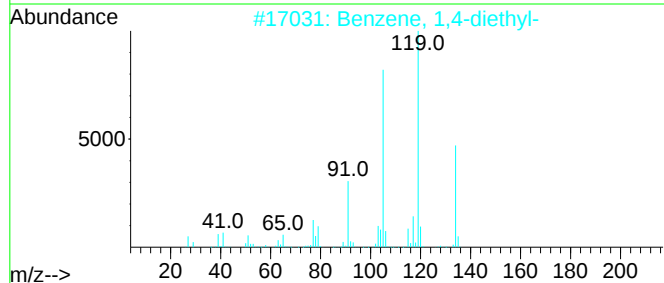
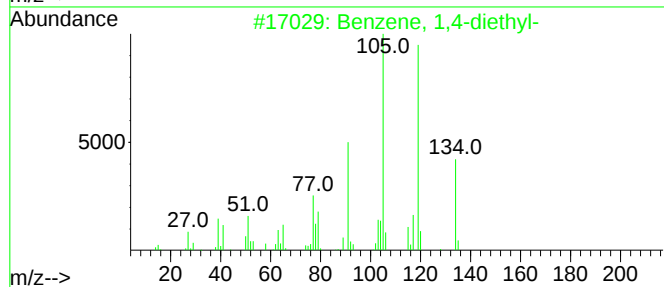
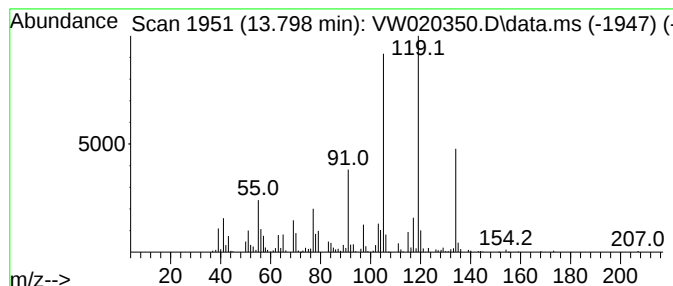
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 47 Benzene, 1,4-diethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	3.16 ug/L	117530	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

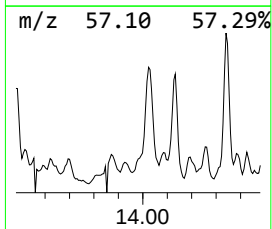
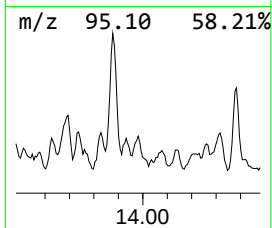
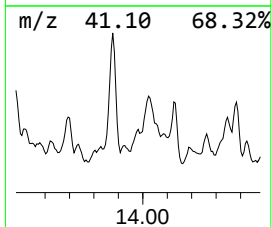
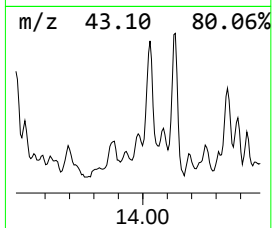
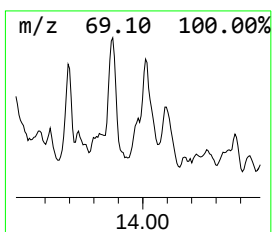
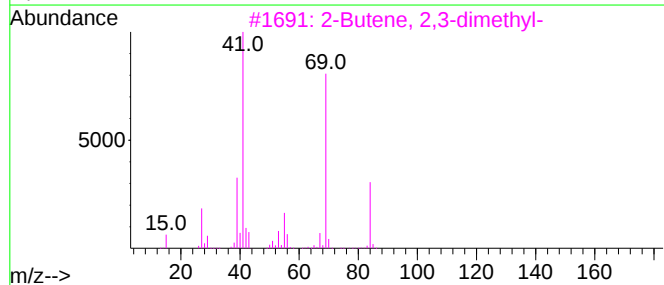
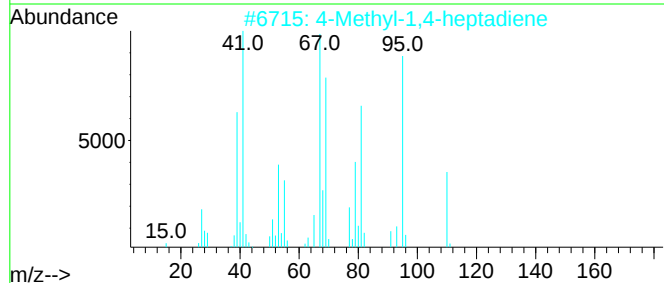
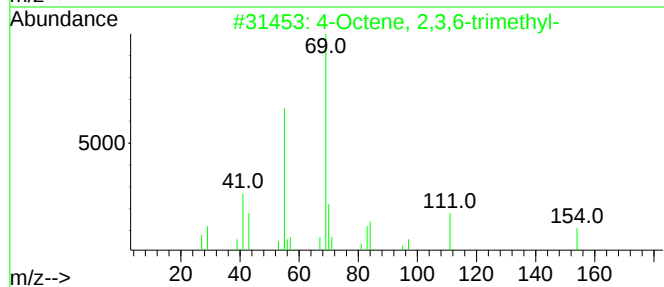
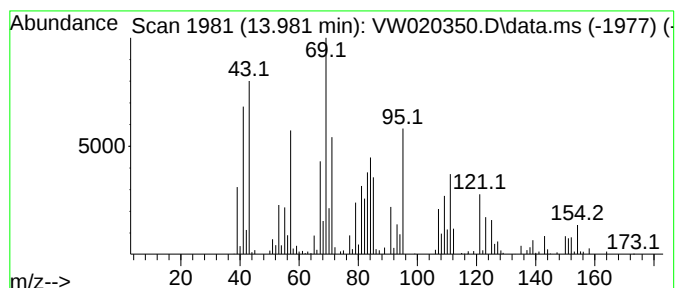
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.981	2.24 ug/L	83487	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	30
2		4-Methyl-1,4-heptadiene	110	C8H14	013857-55-1	25
3		2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	25
4		Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	25
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

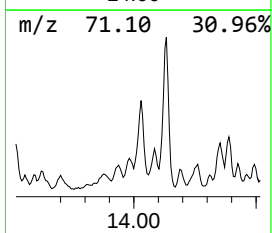
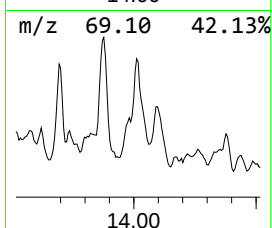
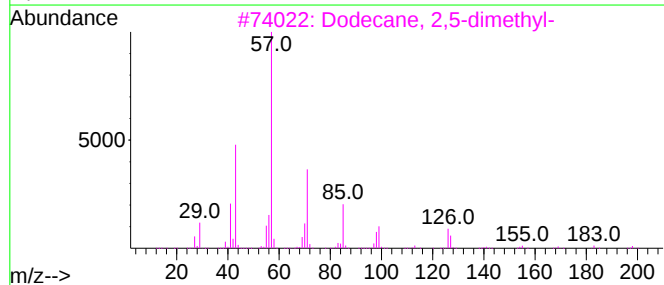
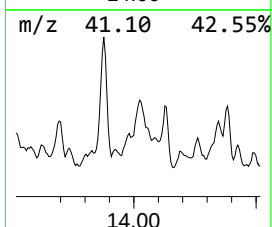
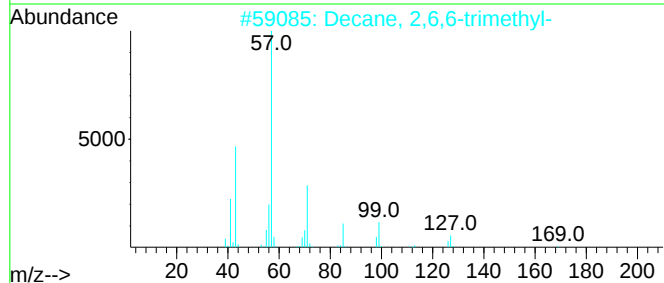
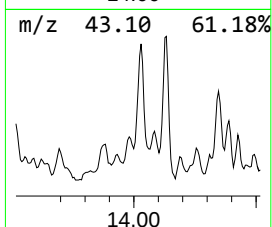
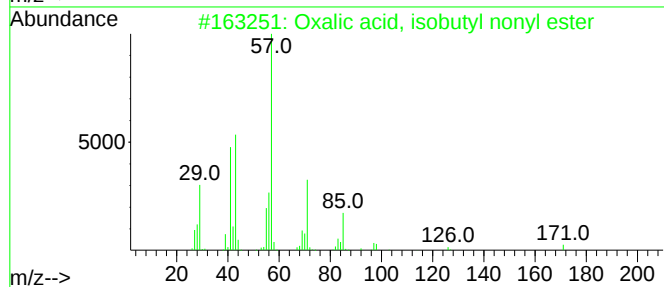
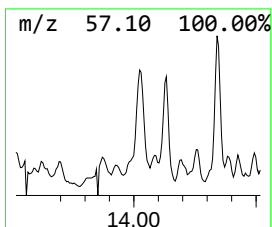
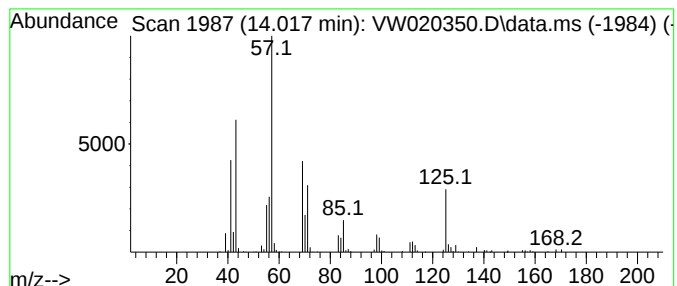
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 49 Oxalic acid, isobutyl nonyl... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.017	4.01 ug/L	149284	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
2			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
3			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	47
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
5			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

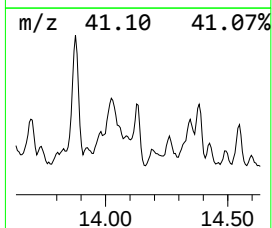
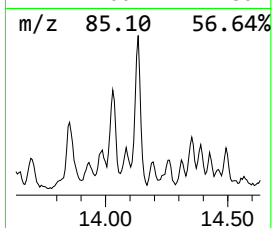
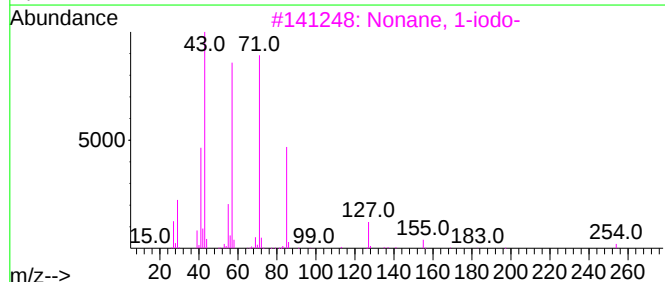
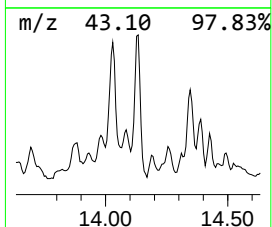
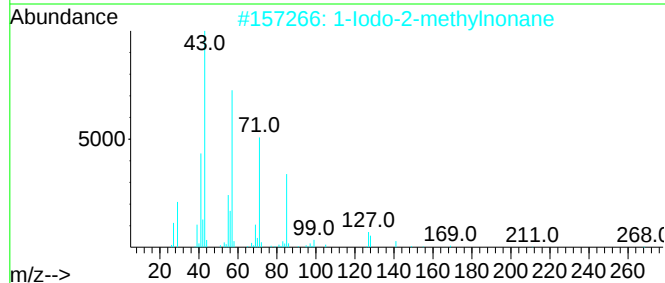
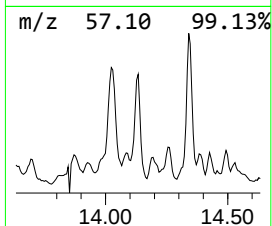
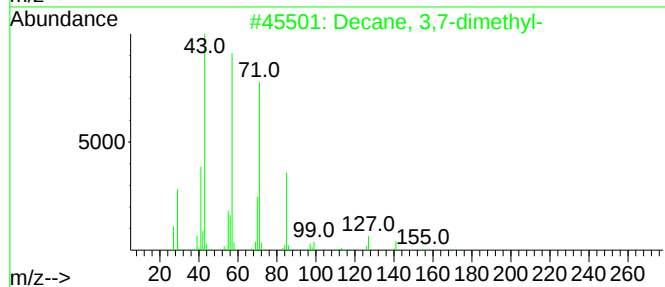
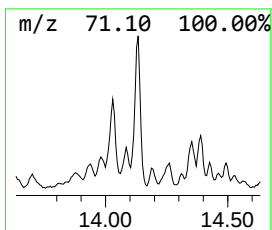
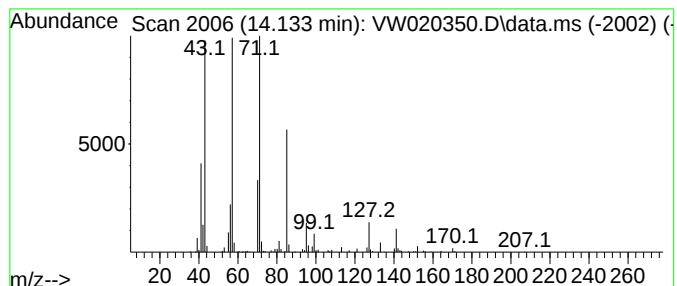
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	5.66 ug/L	210615	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
3			Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
5			Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

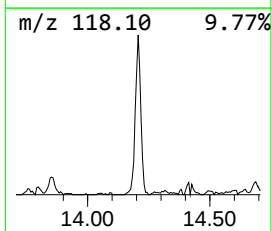
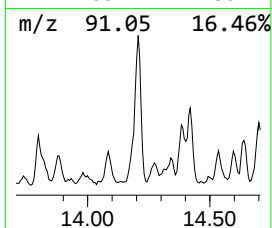
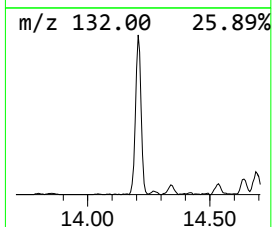
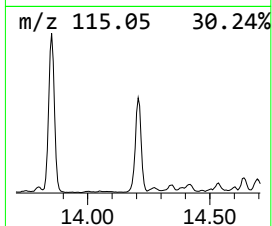
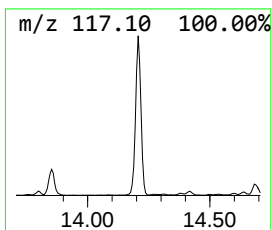
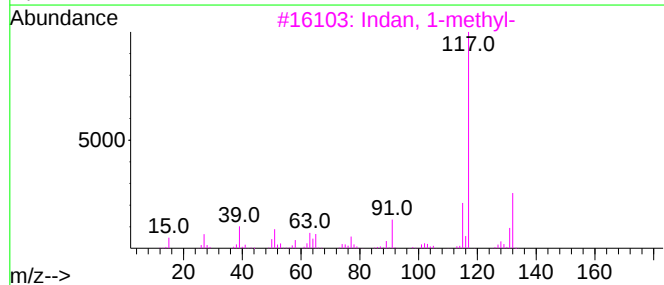
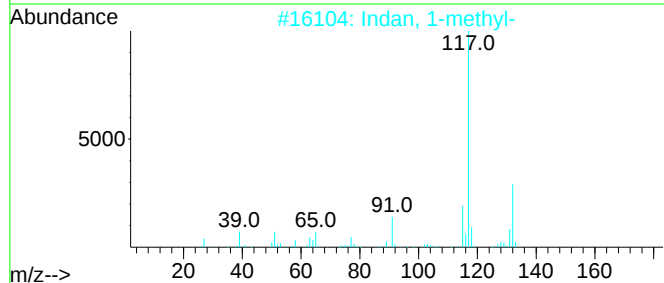
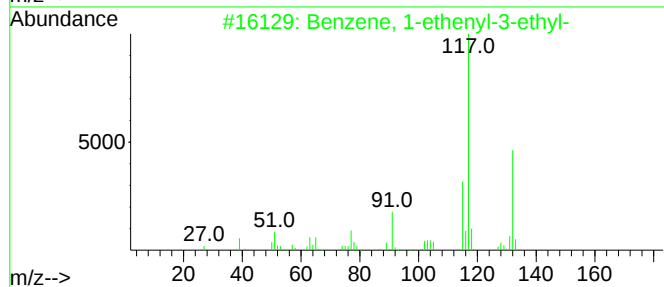
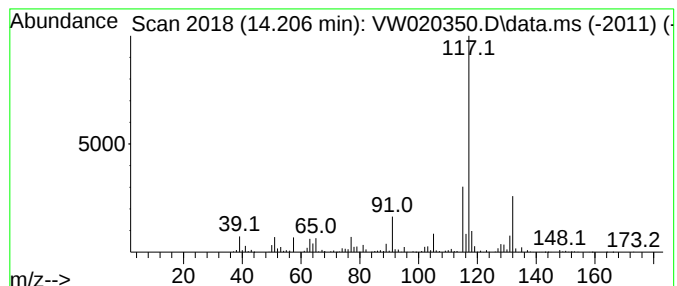
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 51 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	13.86 ug/L	516163	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Indan, 1-methyl-	132	C10H12	000767-58-8	90
3			Indan, 1-methyl-	132	C10H12	000767-58-8	87
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

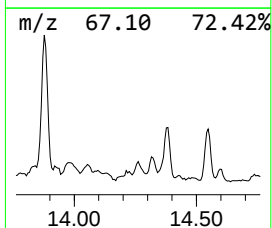
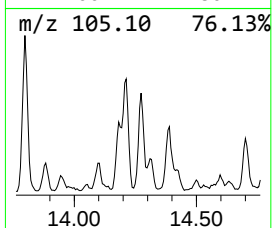
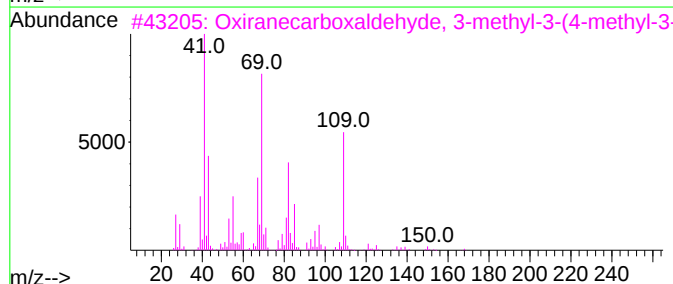
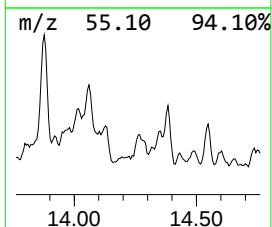
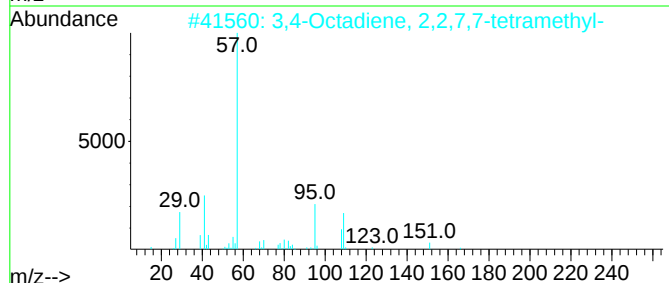
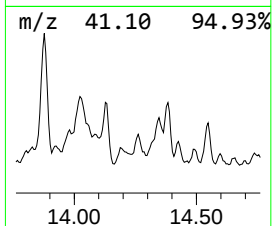
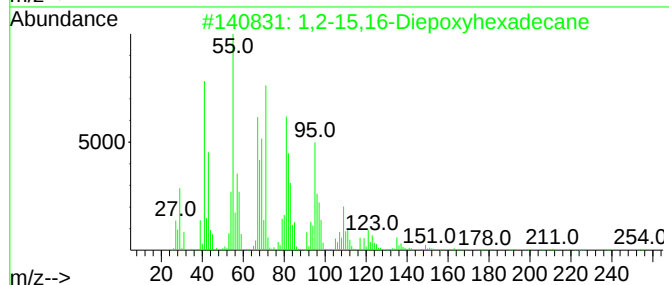
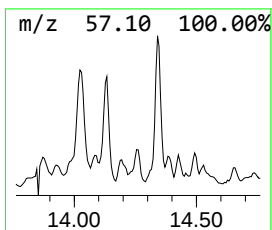
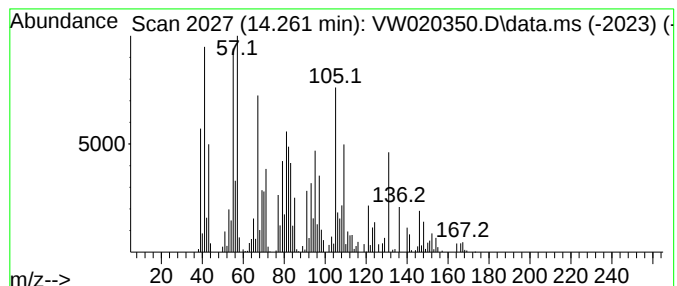
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 unknown-04

Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	5.16 ug/L	192113	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	38
2			3,4-Octadiene, 2,2,7,7-tetramethyl-	166	C12H22	061092-76-0	22
3			Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	22
4			4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	15
5			6-Nonen-1-ol, (E)-	142	C9H18O	031502-19-9	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

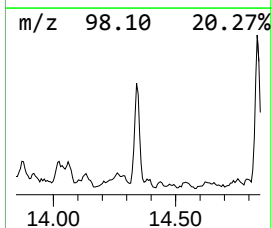
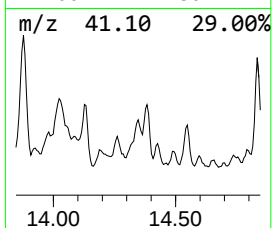
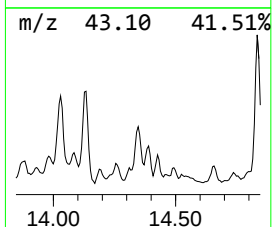
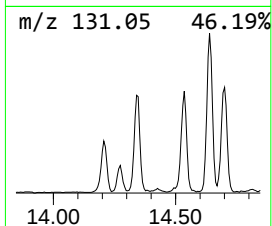
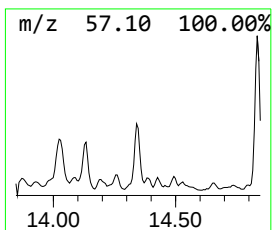
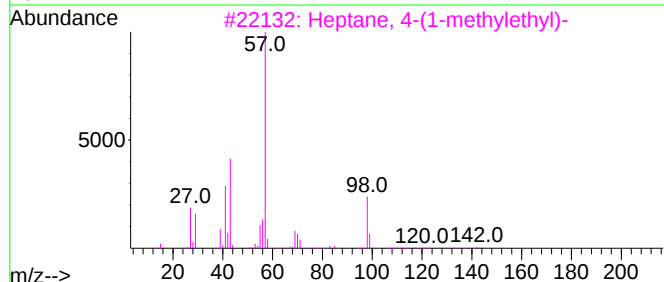
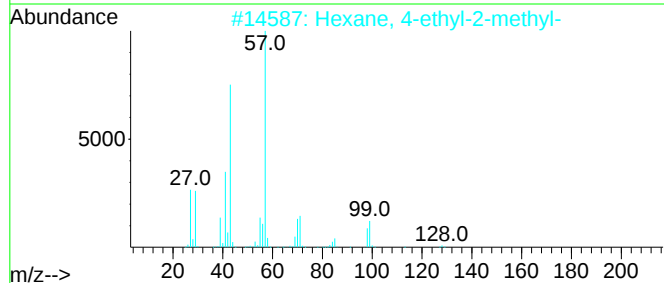
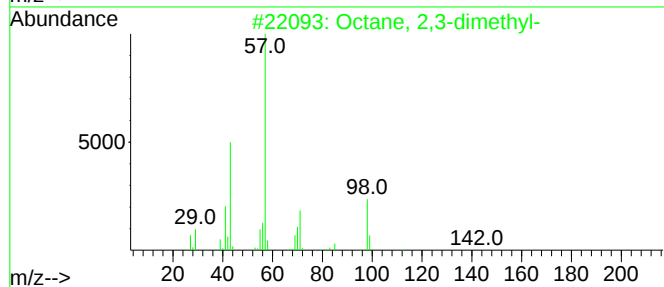
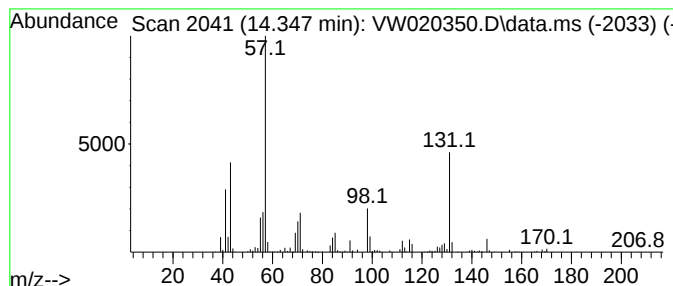
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.347	8.01 ug/L	298110	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	30
2	Hexane, 4-ethyl-2-methyl-		128	C9H20	003074-75-7	27
3	Heptane, 4-(1-methylethyl)-		142	C10H22	052896-87-4	25
4	Undecane, 6-methyl-		170	C12H26	017302-33-9	25
5	Heptane, 4-propyl-		142	C10H22	003178-29-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

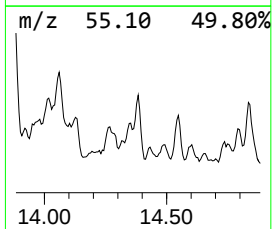
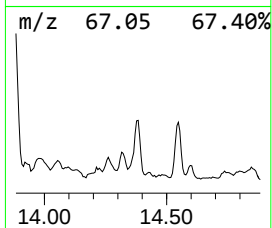
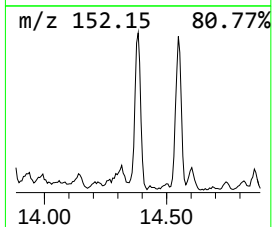
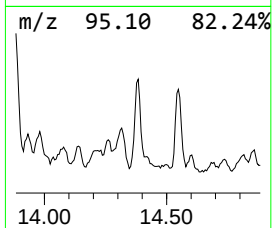
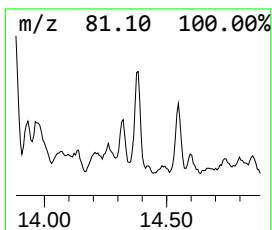
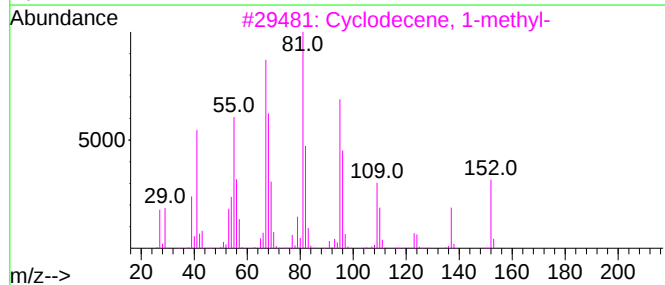
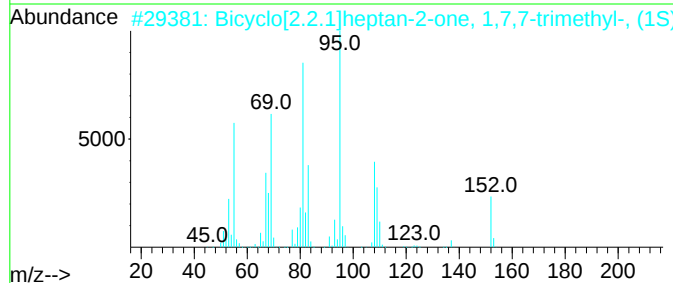
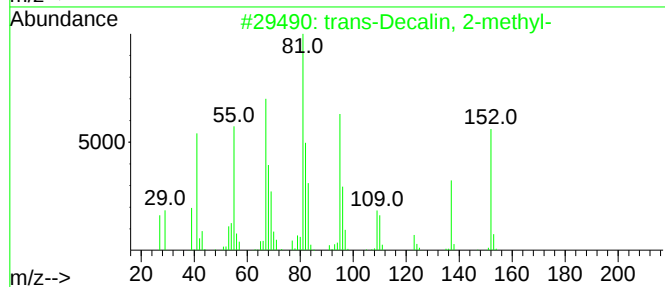
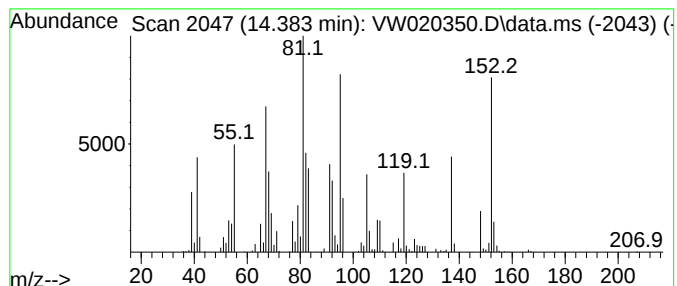
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 54 trans-Decalin, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	9.15 ug/L	340644	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
3			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	58
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

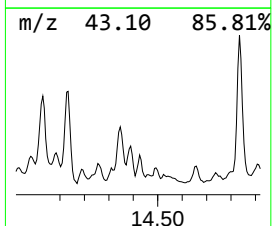
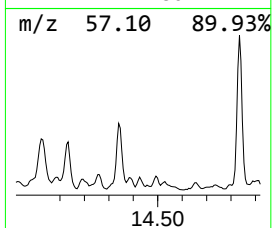
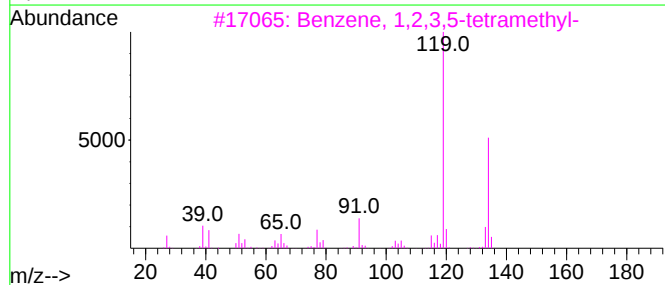
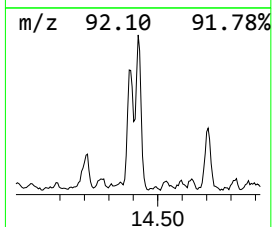
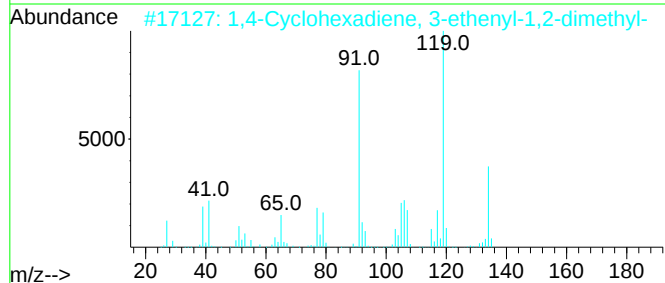
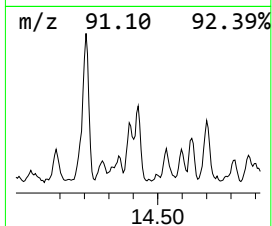
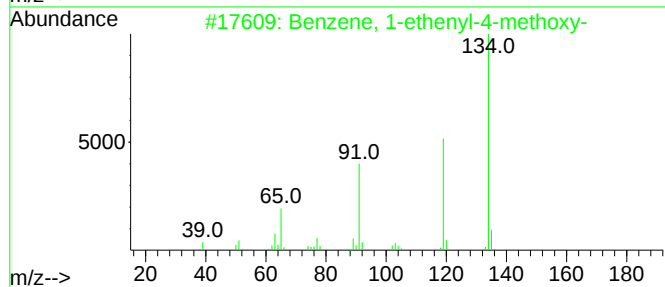
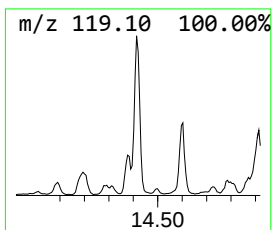
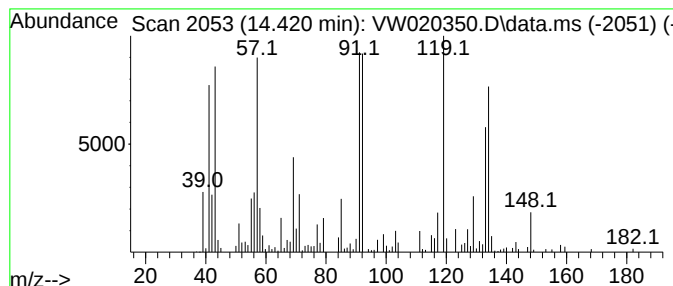
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 55 unknown-05 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	3.51 ug/L	130603	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methoxy-	134	C9H10O	000637-69-4	46
2			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	43
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43
4			Benzene, 1-ethenyl-4-methoxy-	134	C9H10O	000637-69-4	41
5			Benzenepropanal	134	C9H10O	000104-53-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

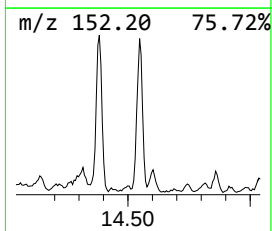
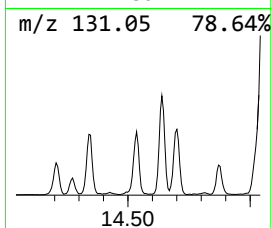
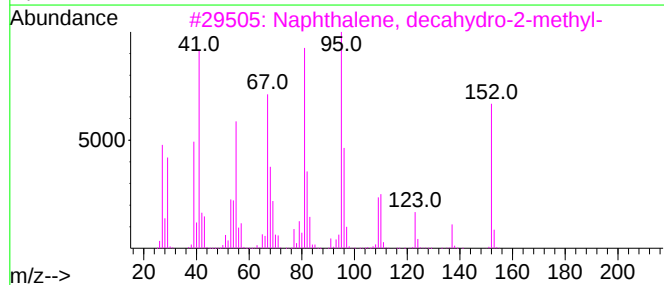
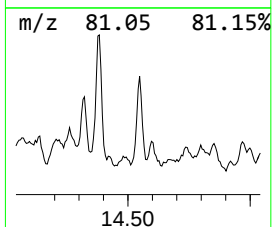
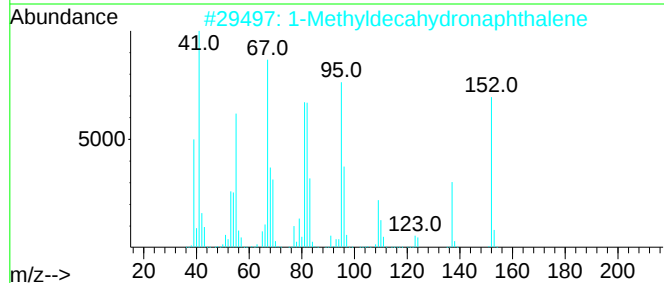
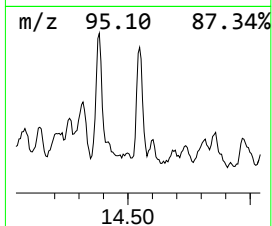
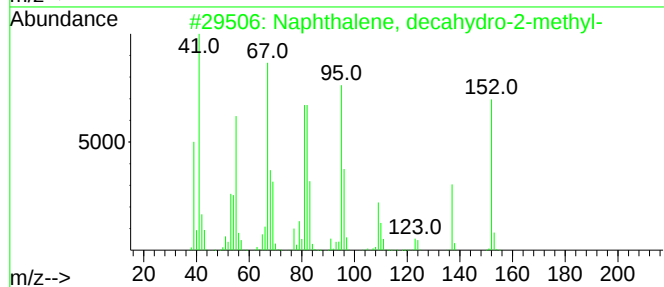
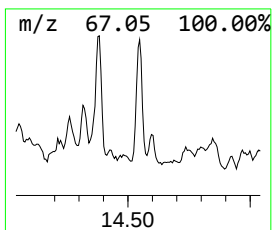
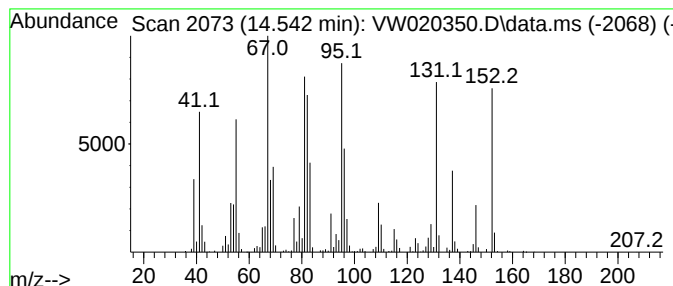
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 56 Naphthalene, decahydro-2-me... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	6.27 ug/L	233295	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	78
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

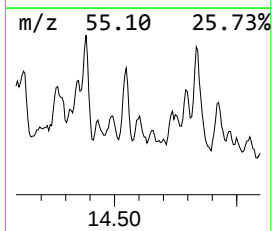
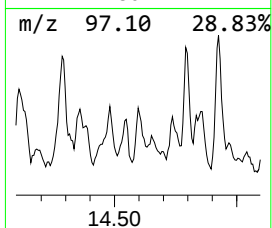
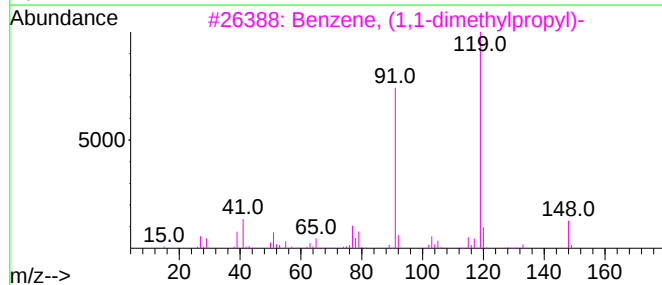
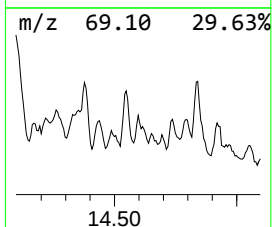
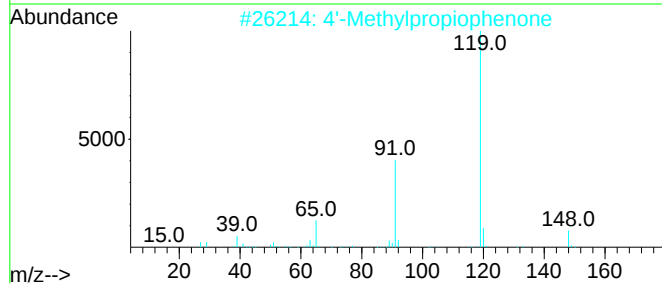
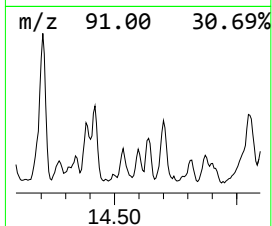
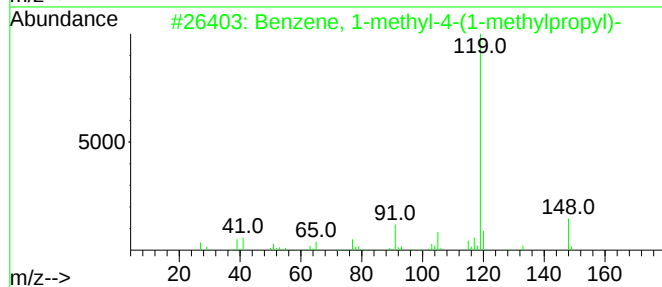
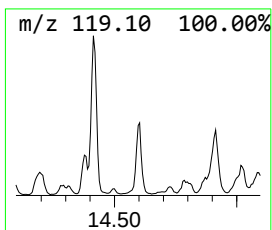
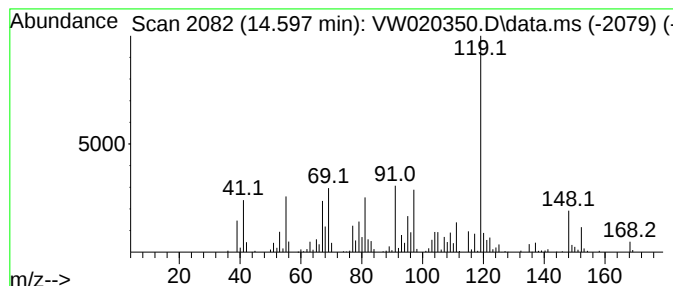
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 unknown-06

Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.597	1.80 ug/L	67005	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	43
2			4'-Methylpropiophenone	148	C10H12O	005337-93-9	38
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
4			1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	38
5			2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

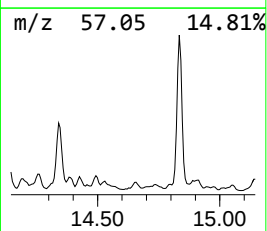
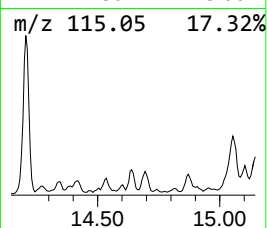
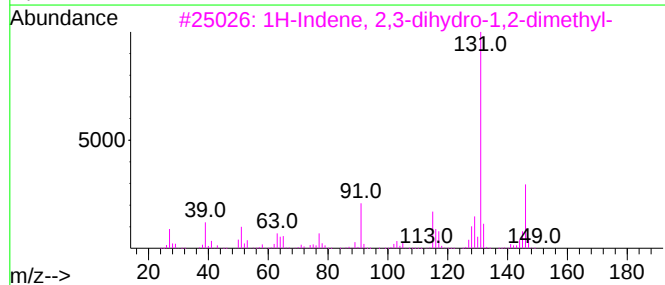
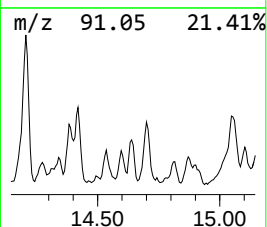
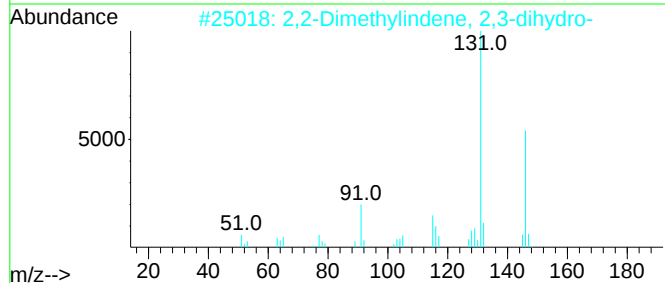
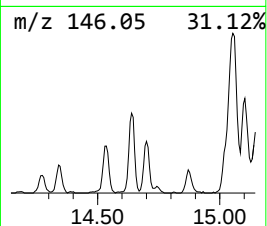
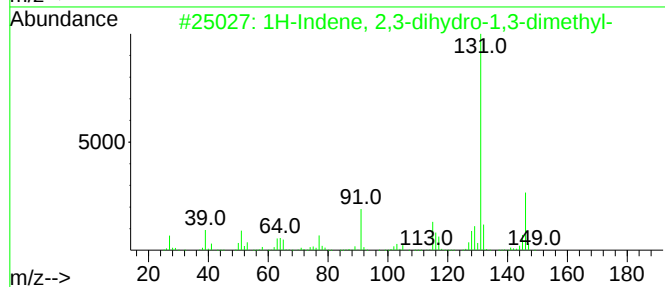
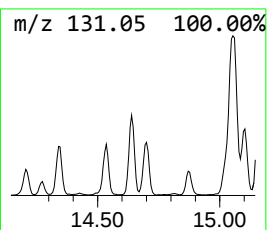
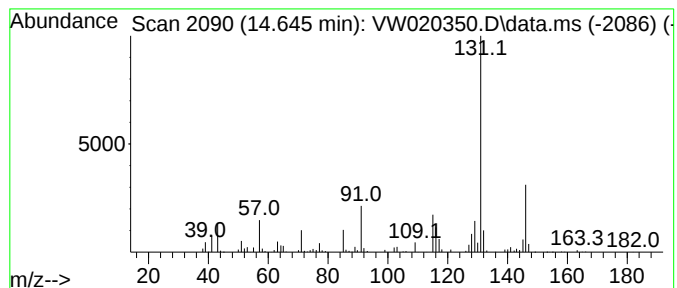
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 58 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	1.99 ug/L	73928	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

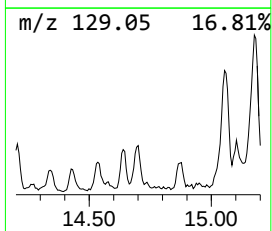
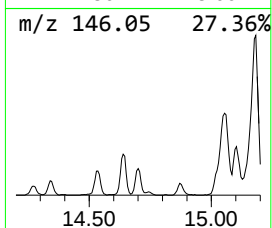
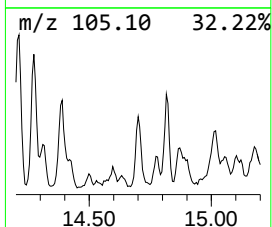
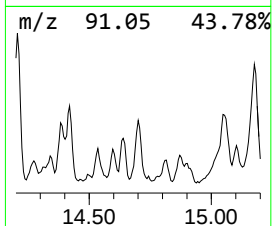
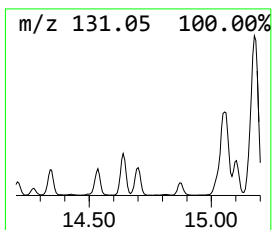
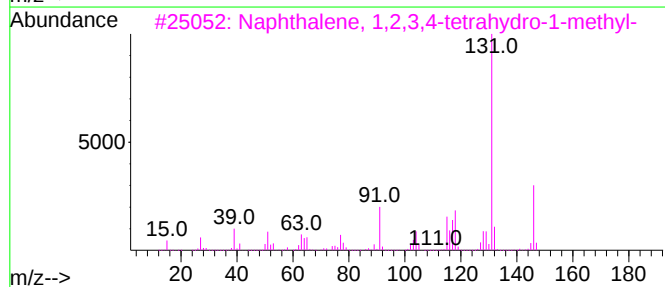
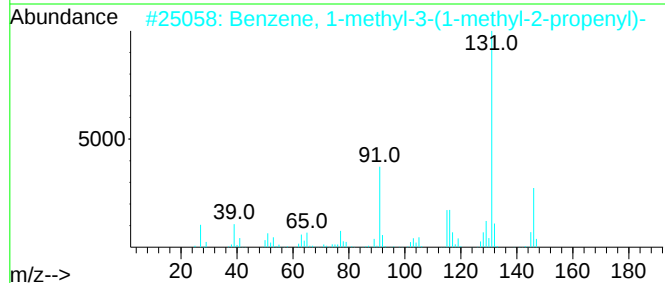
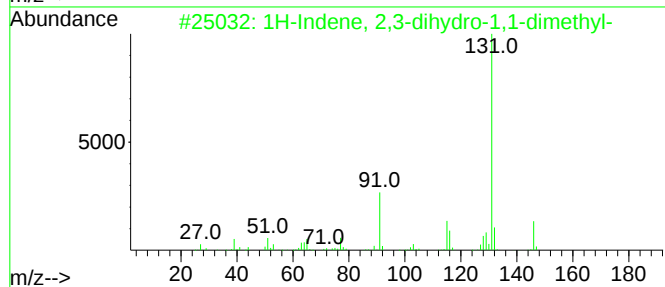
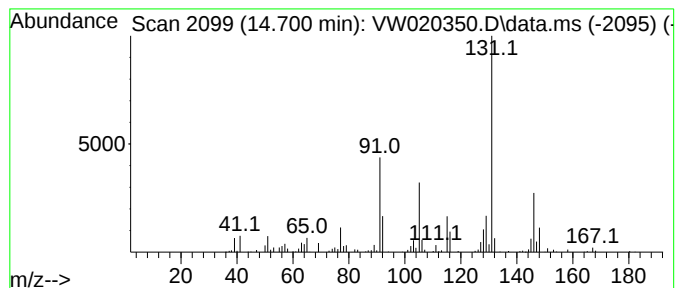
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 59 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.700	1.72 ug/L	64097	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	68
2			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	68
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	68
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

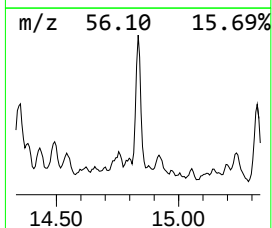
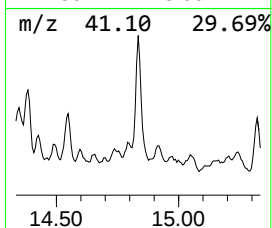
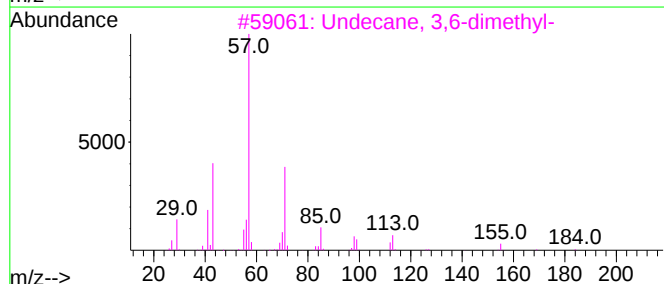
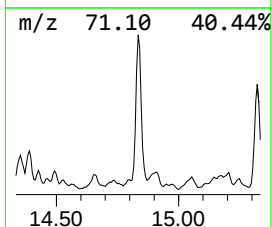
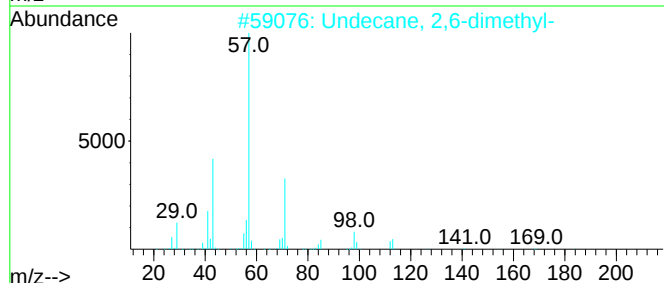
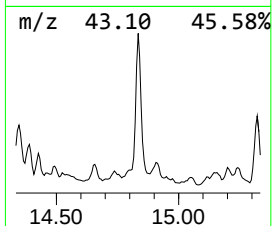
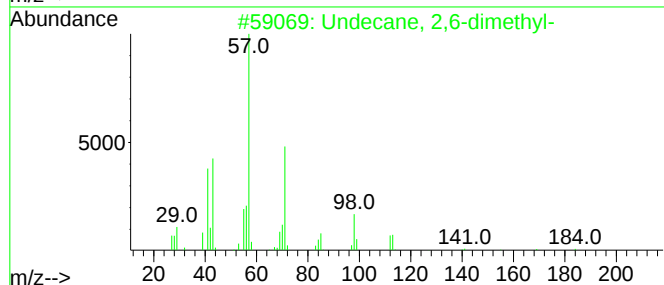
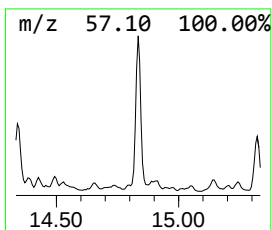
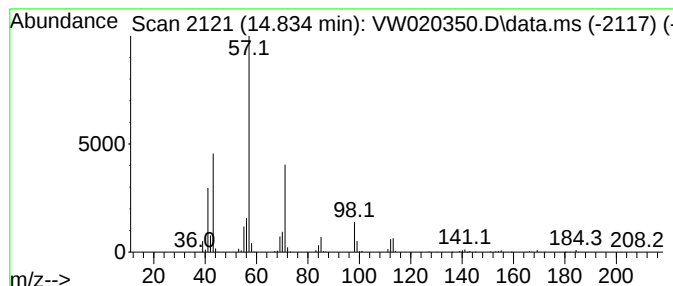
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	10.50 ug/L	391005	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	89
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

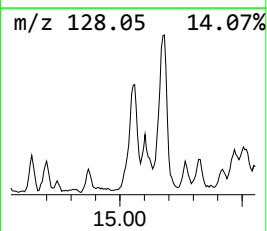
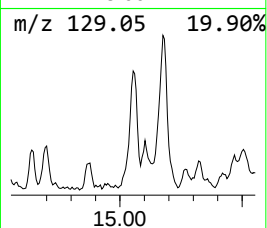
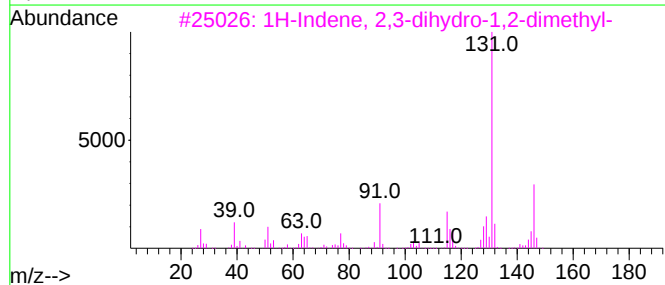
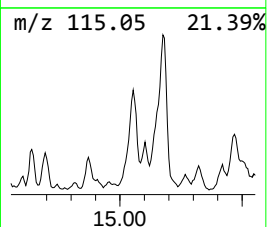
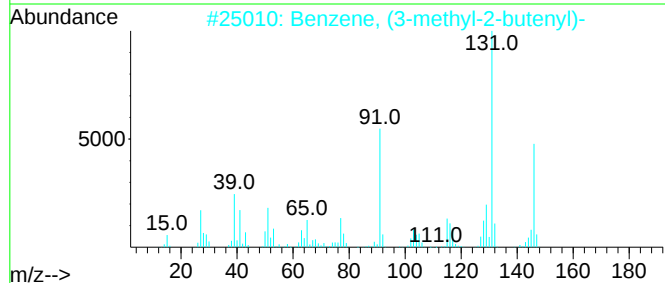
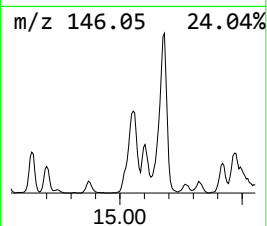
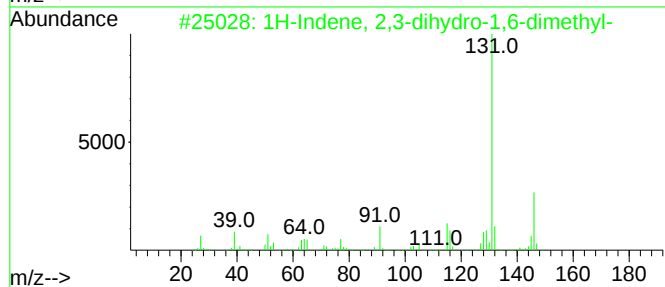
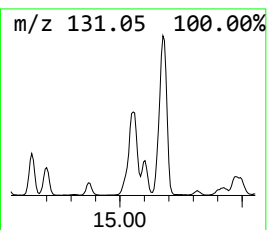
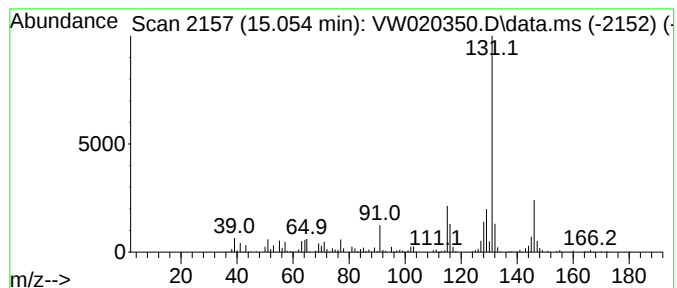
Instrument :
MSVOA_W
ClientSampleId :
EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 61 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.054	6.78 ug/L	252499	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...		146	C11H14	017059-48-2	94
2	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...		146	C11H14	017057-82-8	94
4	Benzene, (1,2-dimethyl-1-propenyl)-		146	C11H14	000769-57-3	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

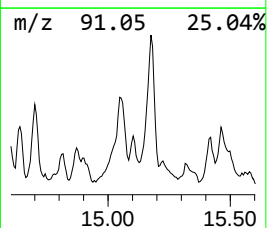
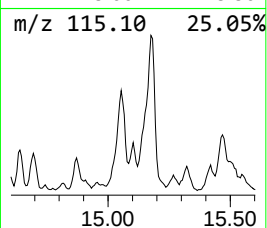
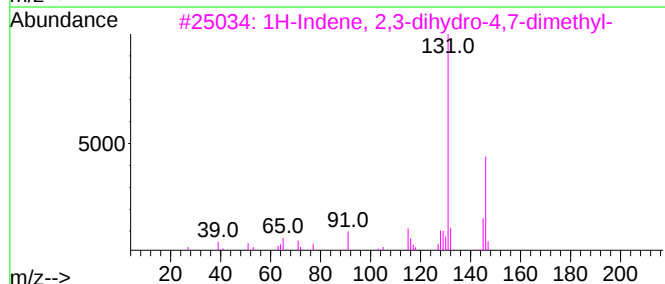
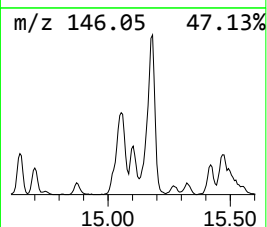
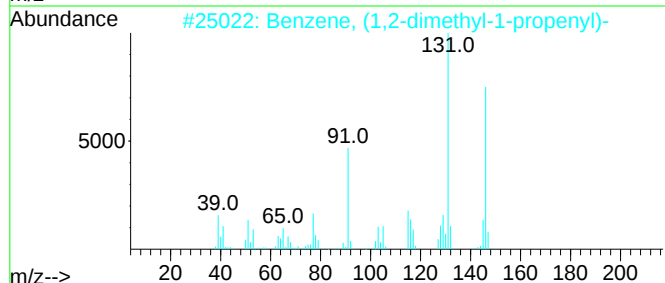
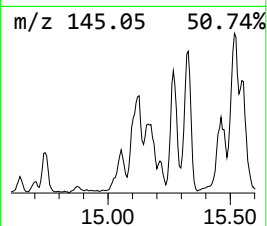
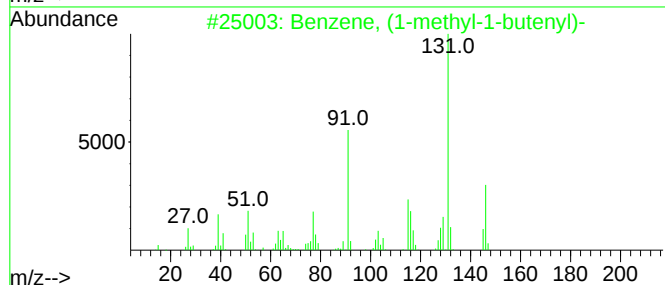
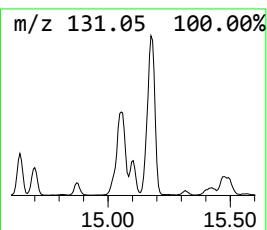
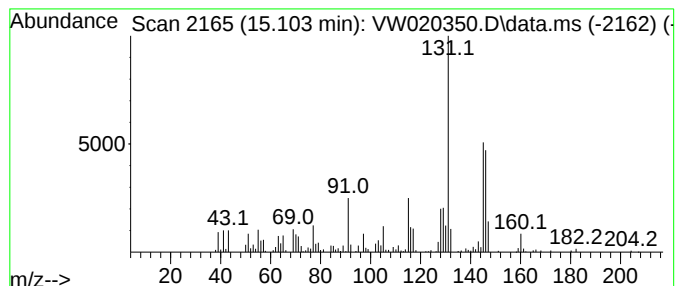
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 62 Benzene, (1-methyl-1-butenyl)- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.102	1.76 ug/L	65525	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	76
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	62
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

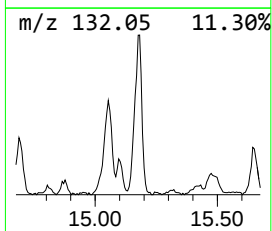
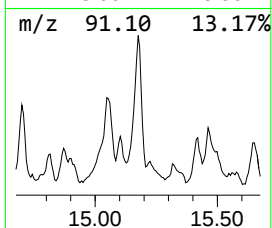
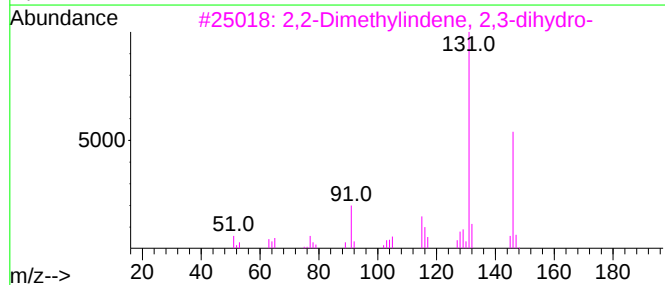
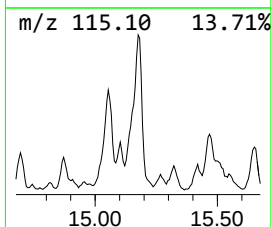
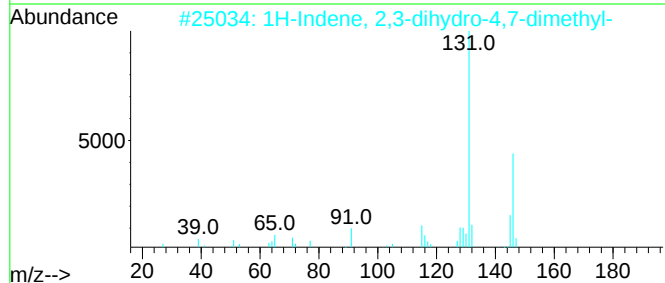
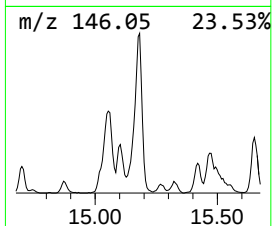
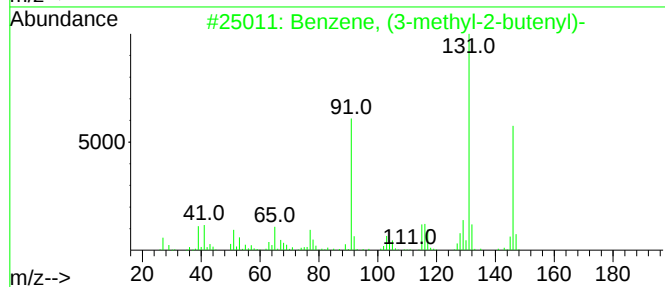
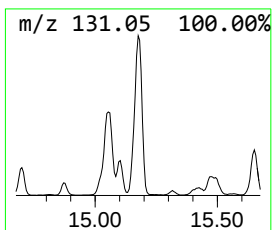
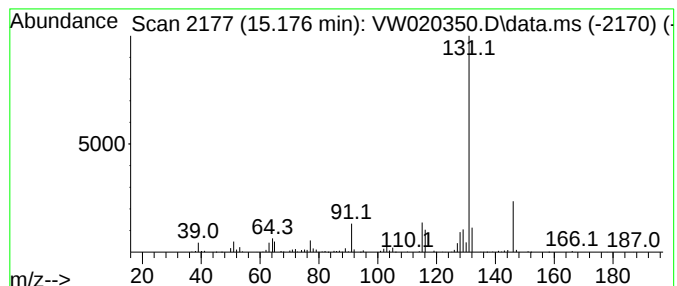
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 63 Benzene, (3-methyl-2-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	12.04 ug/L	448145	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

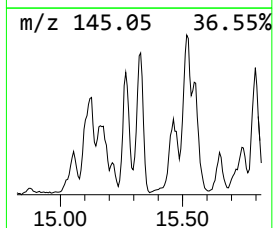
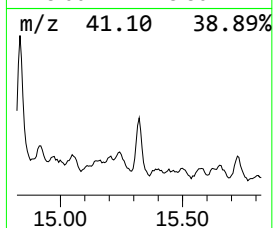
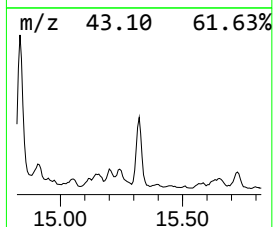
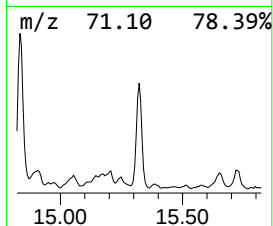
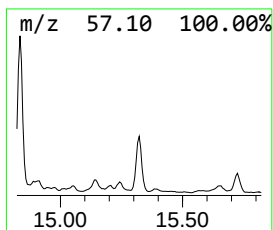
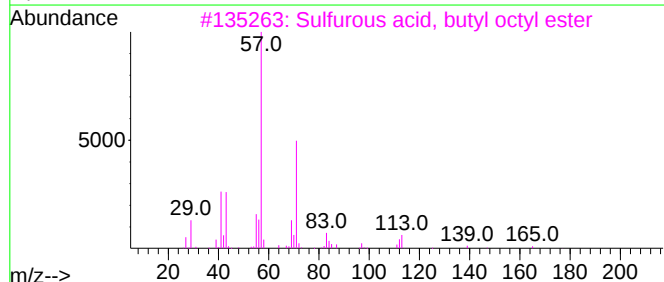
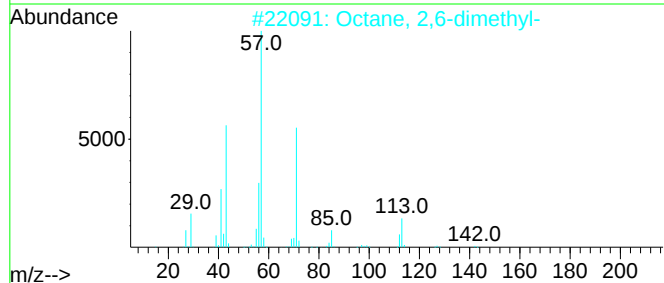
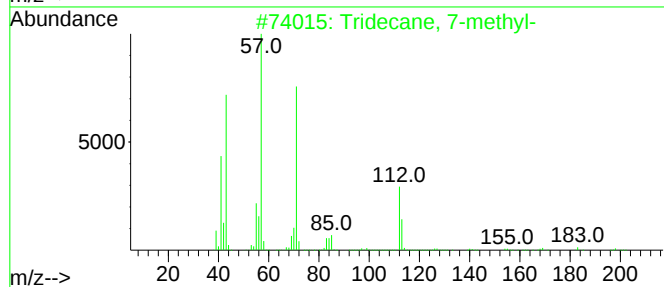
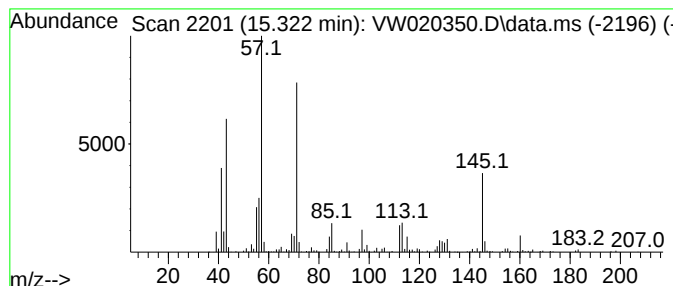
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	6.63 ug/L	246770	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

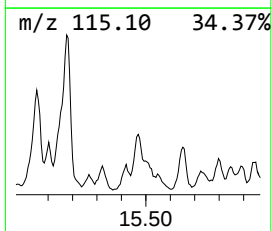
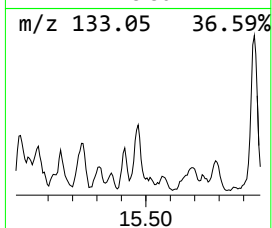
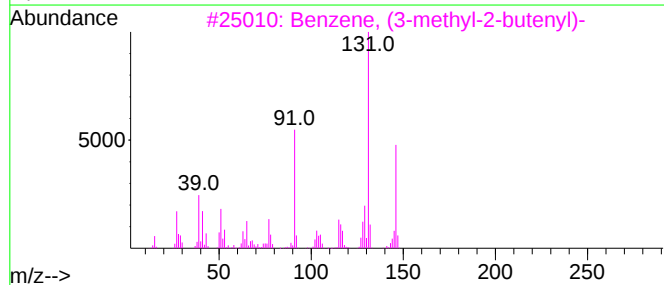
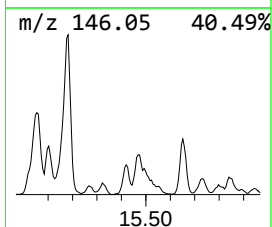
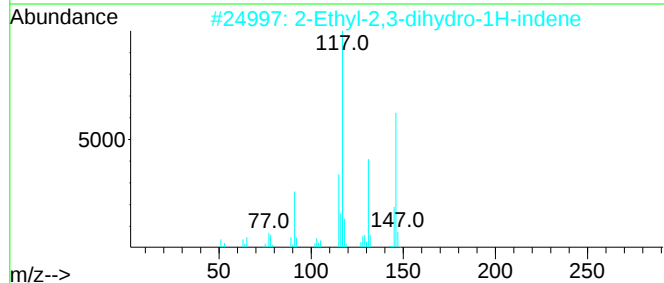
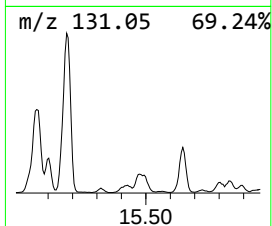
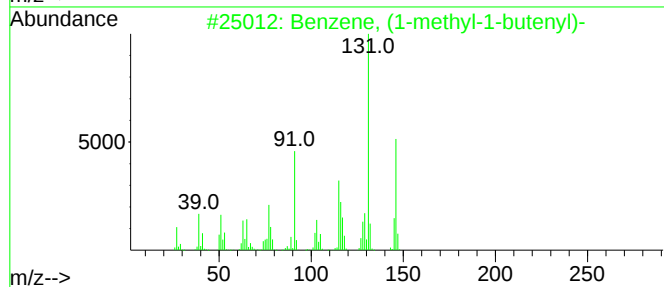
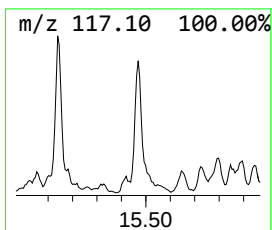
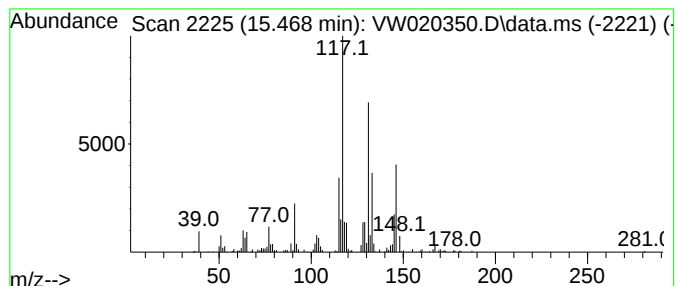
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 65 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	2.13 ug/L	79116	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	90
2			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	87
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	58
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

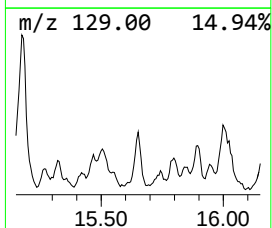
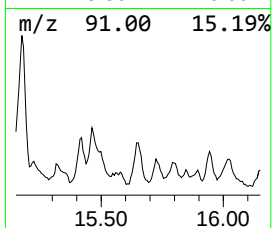
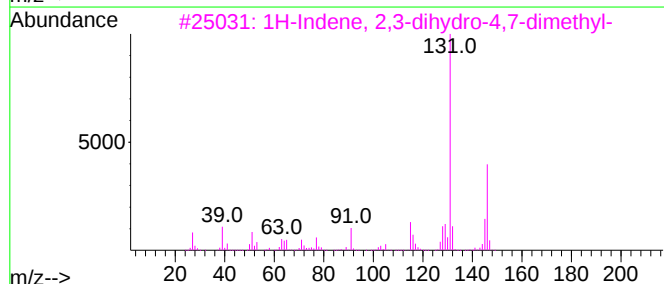
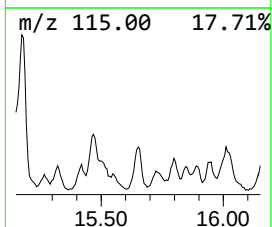
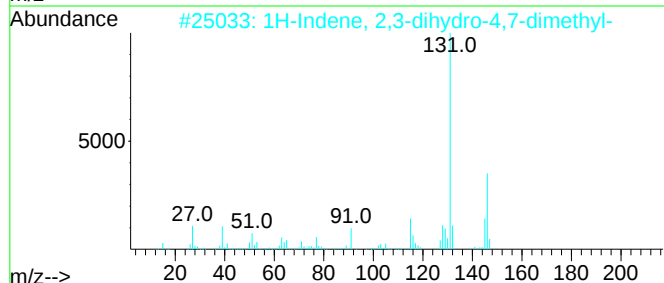
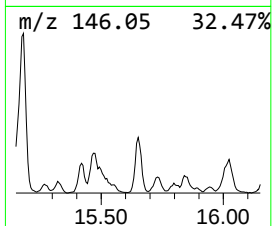
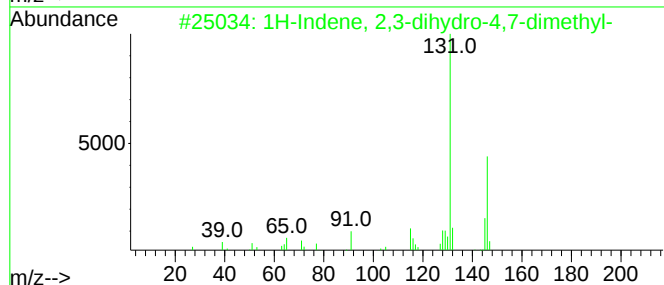
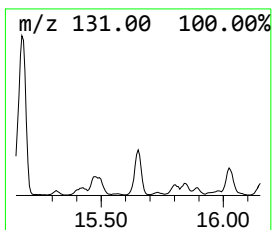
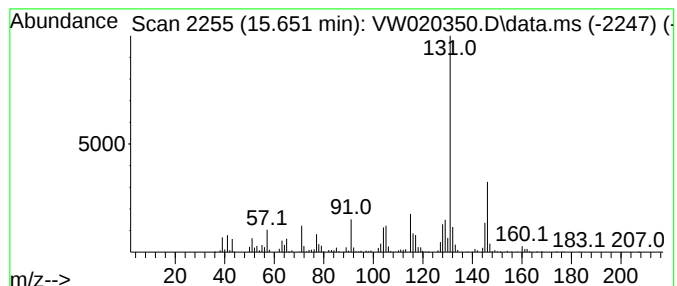
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 66 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	5.55 ug/L	206550	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

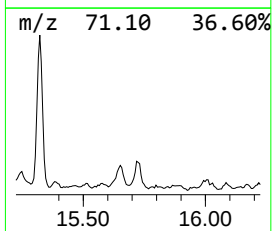
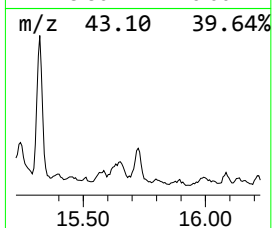
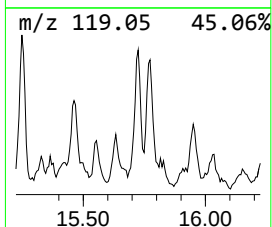
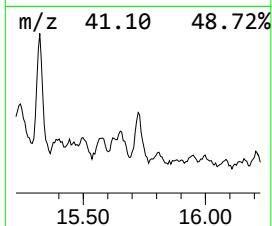
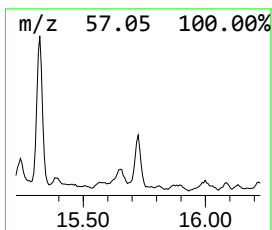
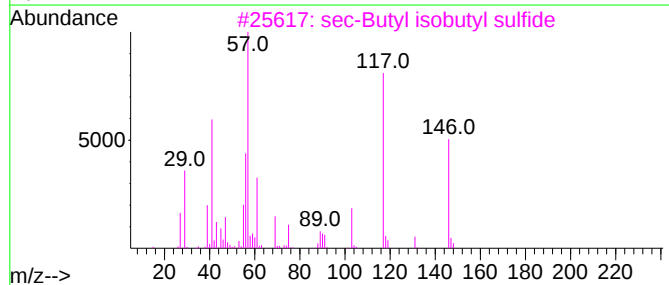
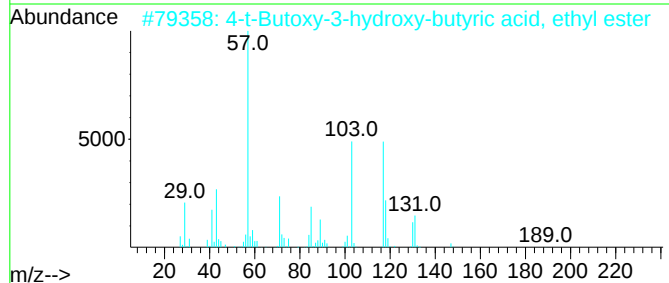
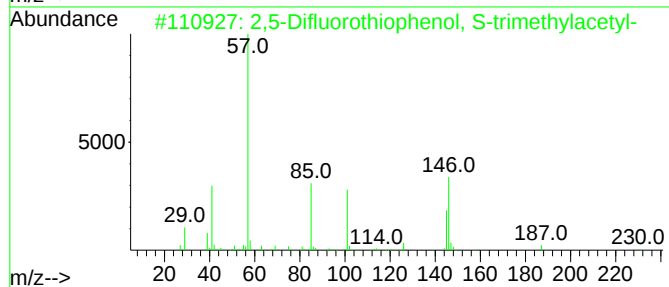
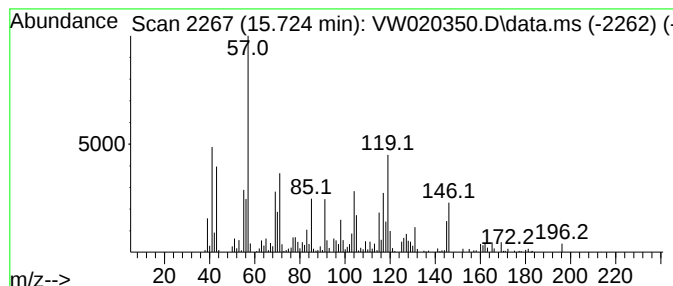
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 67 unknown-07 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.724	3.51 ug/L	130805	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Difluorothiophenol, S-trimet...	230	C11H12F2OS	1000463-04-9	14
2			4-t-Butoxy-3-hydroxy-butyric aci...	204	C10H20O4	1010192-41-5	10
3			sec-Butyl isobutyl sulfide	146	C8H18S	016900-02-0	9
4			(+)-cis-Verbenol, trimethylacetate	236	C15H24O2	1000462-96-9	9
5			(2S,3R)-2-Hydroxy-3-methylbutand...	176	C7H12O5	073890-17-2	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

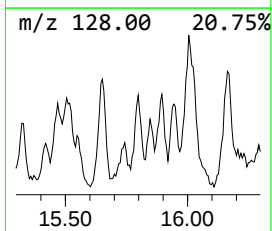
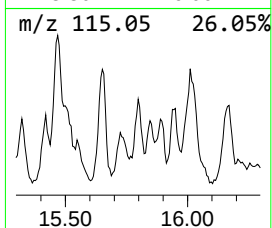
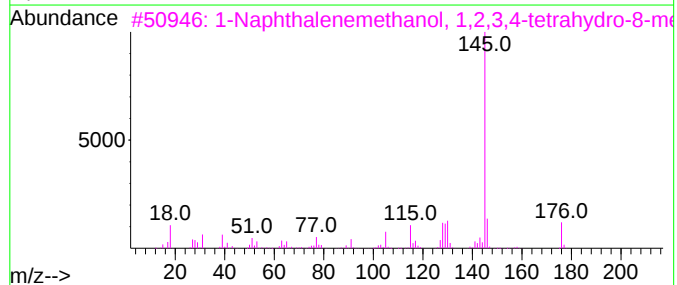
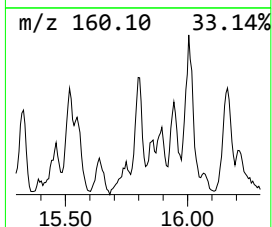
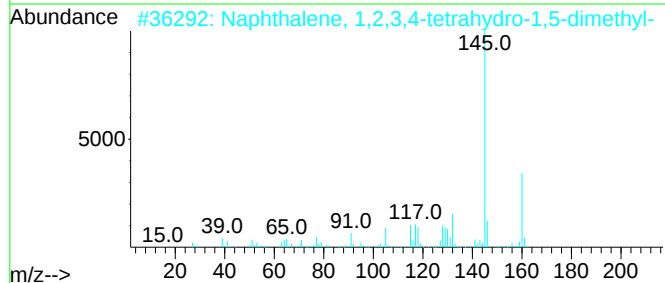
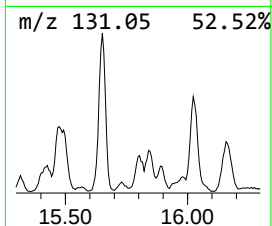
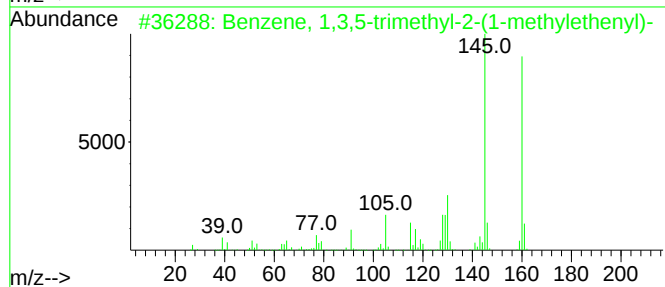
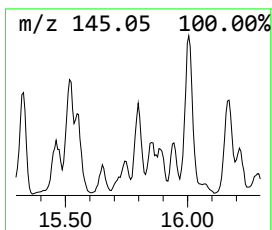
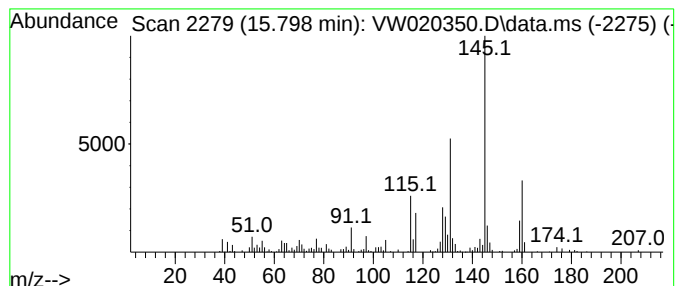
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 68 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.797	1.63 ug/L	60727	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
3			1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	64
4			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	62
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

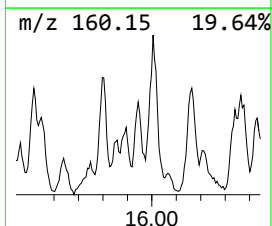
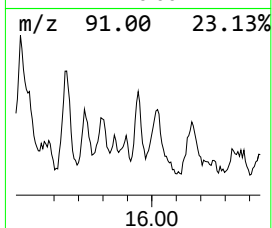
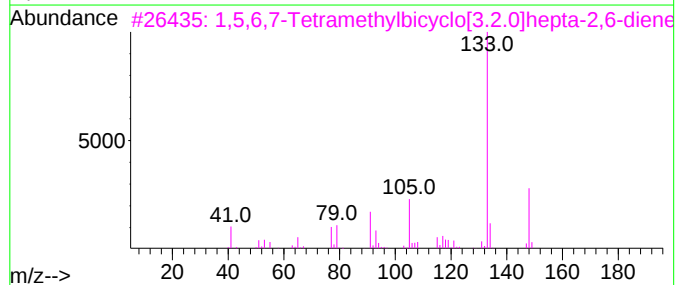
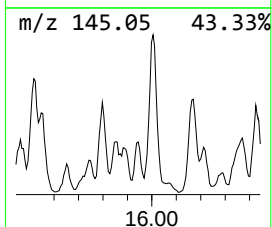
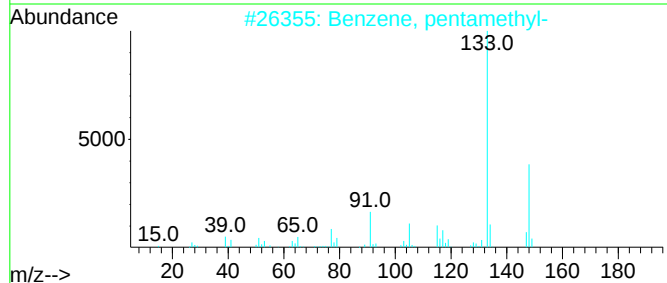
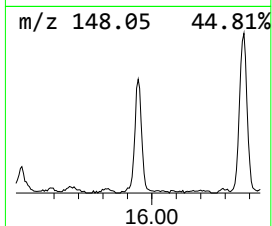
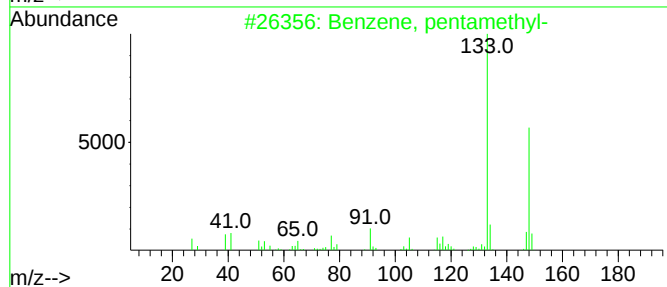
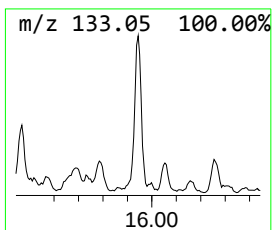
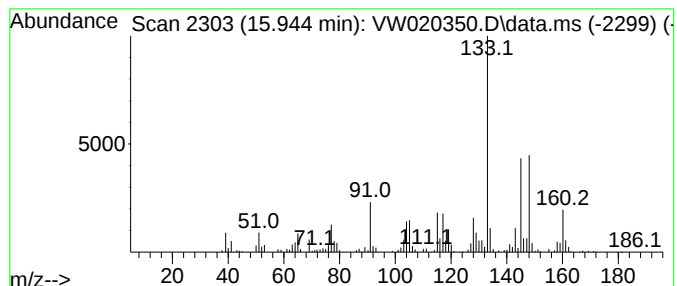
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 69 Benzene, pentamethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	2.17 ug/L	80776	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	60
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	60
3			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	55
4			Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	49
5			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

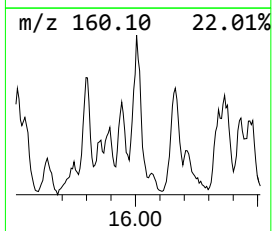
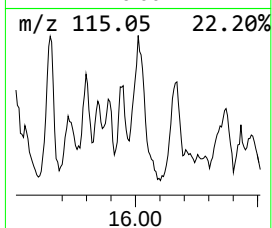
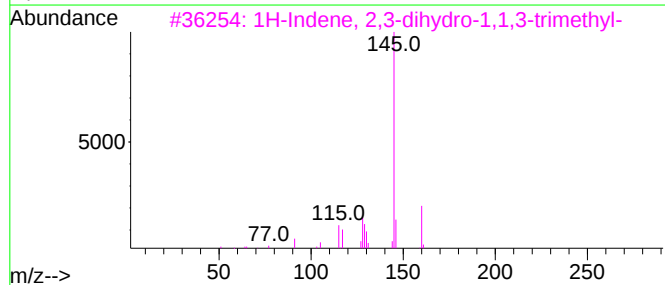
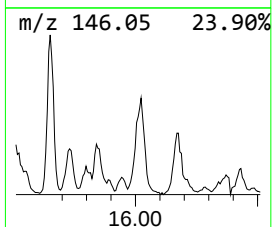
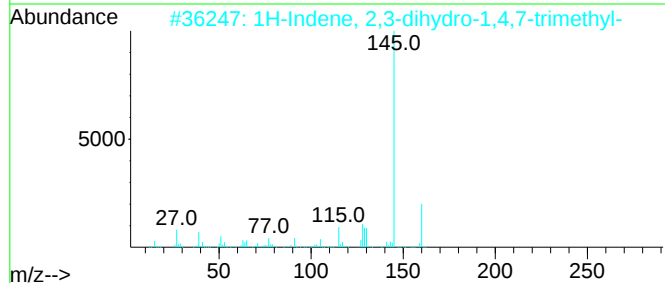
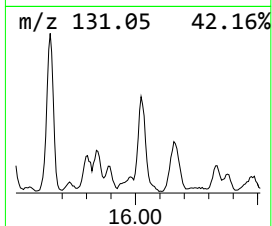
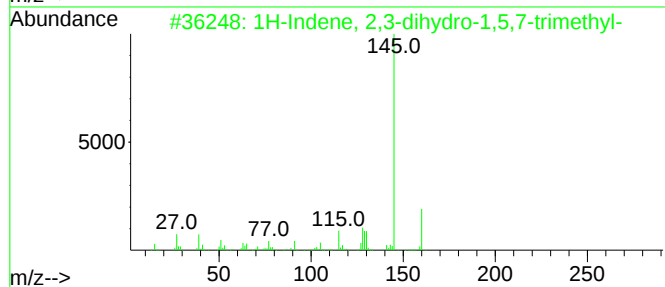
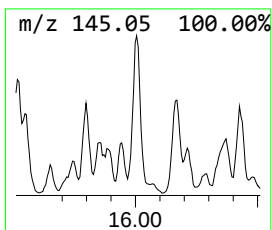
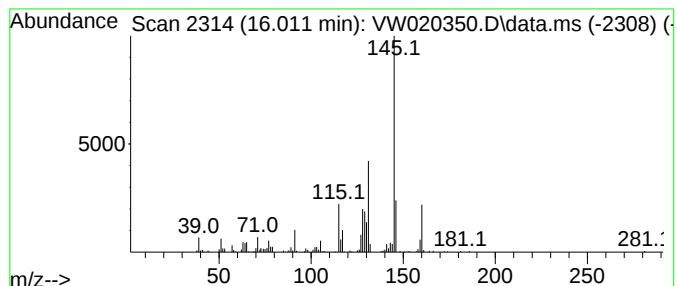
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 70 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.011	6.78 ug/L	252285	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	76		
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	70		
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	68		
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	68		
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	64		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

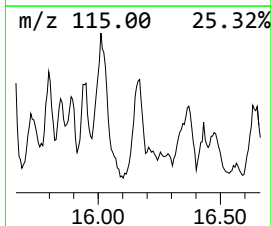
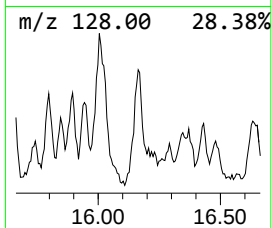
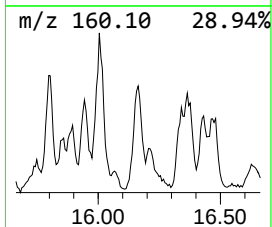
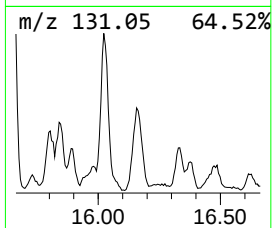
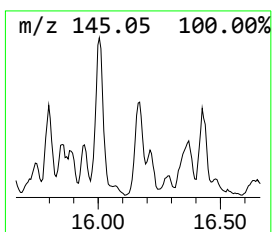
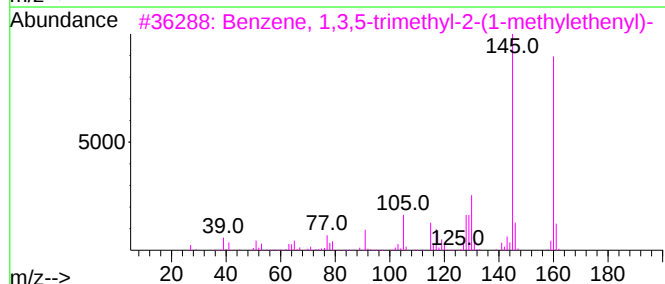
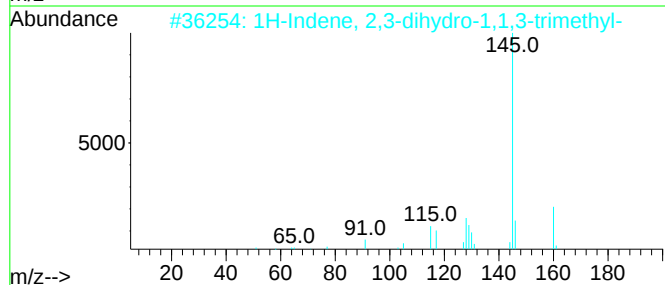
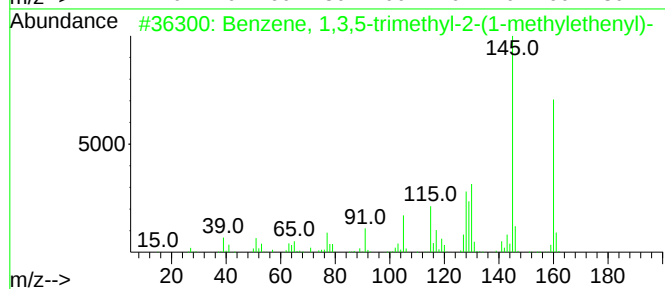
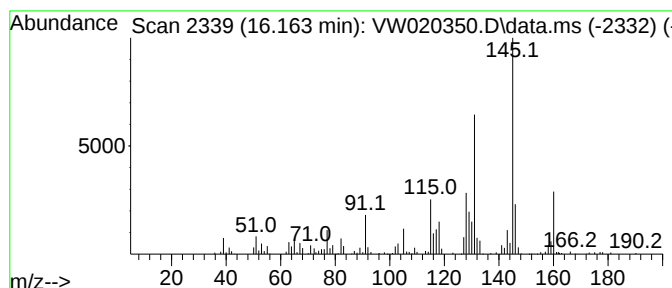
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 71 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	3.50 ug/L	130474	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	62
4			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	62
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

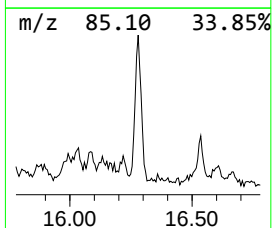
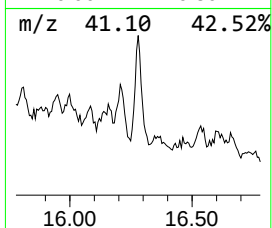
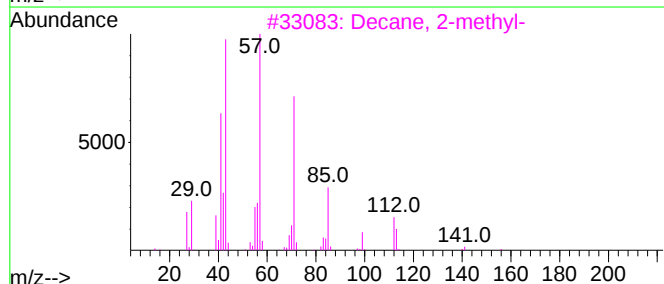
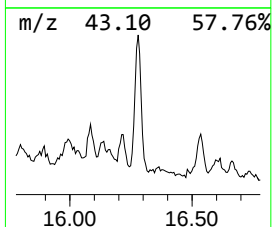
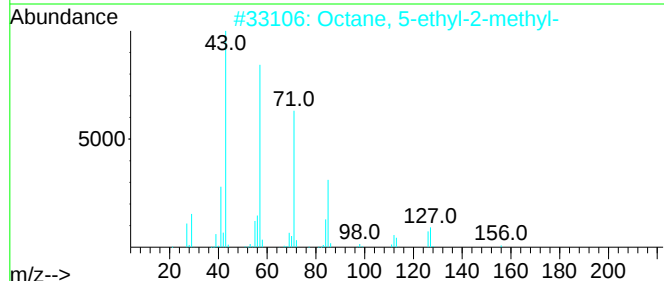
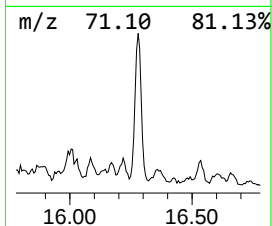
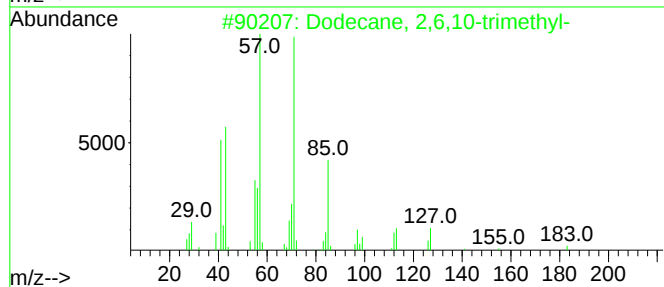
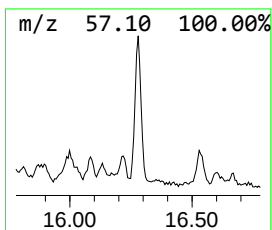
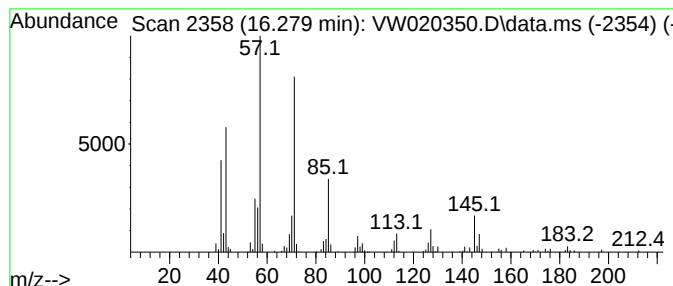
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	1.77 ug/L	65880	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	83
3			Decane, 2-methyl-	156	C11H24	006975-98-0	72
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

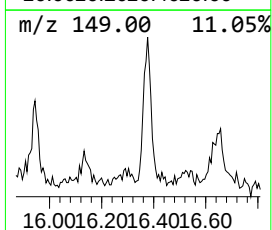
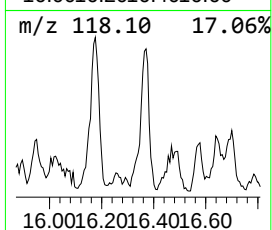
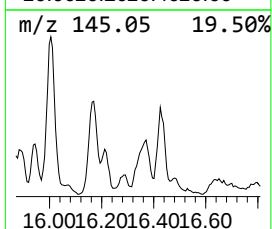
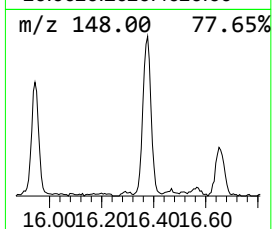
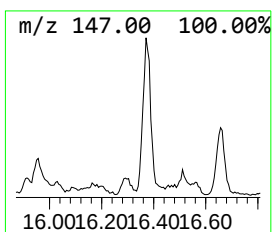
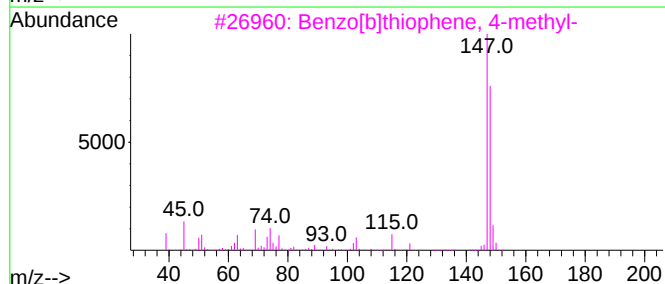
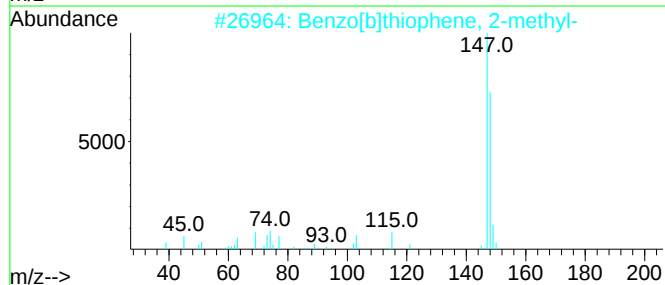
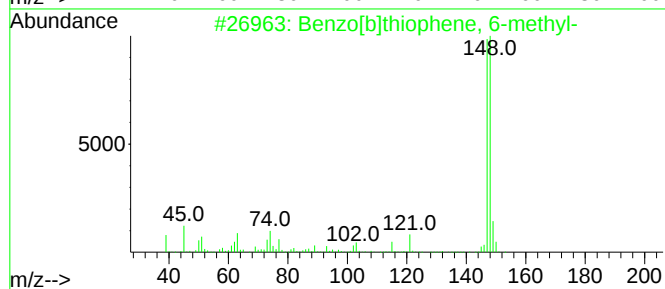
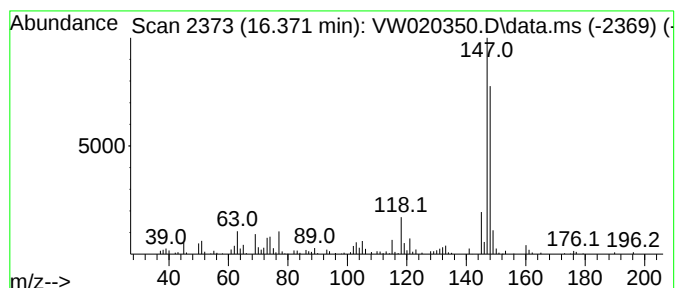
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 73 Benzo[b]thiophene, 6-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	2.41 ug/L	89708	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	81
2			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	76
3			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	76
4			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	74
5			Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
Misc : 7.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW910

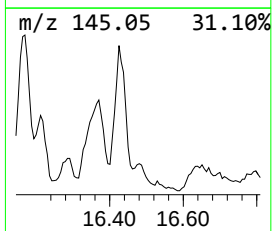
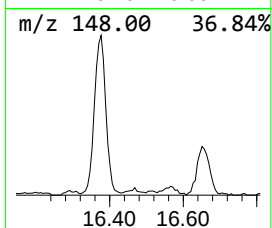
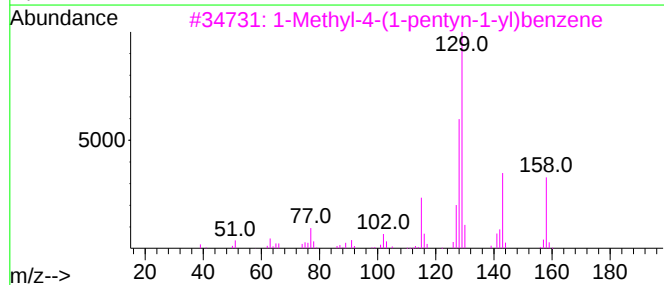
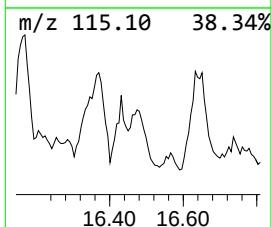
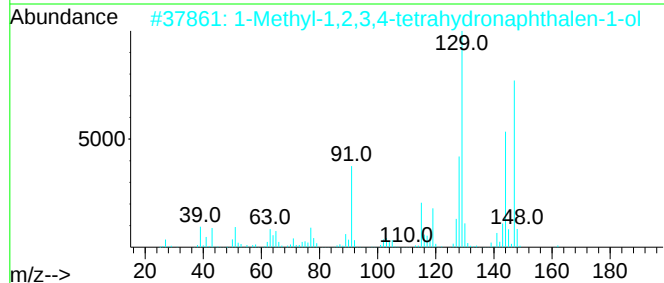
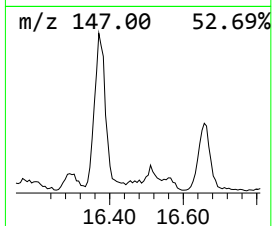
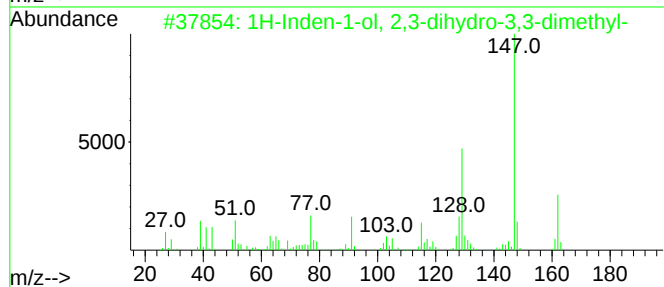
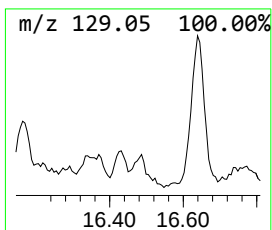
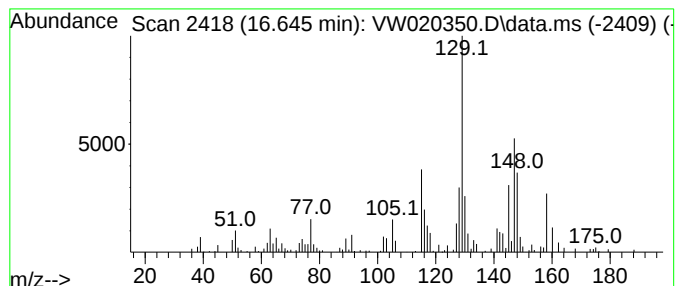
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 74 1H-Inden-1-ol, 2,3-dihydro-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	2.74 ug/L	102086	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-3,3-d...	162	C11H14O	038393-92-9	53		
2	1-Methyl-1,2,3,4-tetrahydronapht...	162	C11H14O	014944-28-6	43		
3	1-Methyl-4-(1-pentyn-1-yl)benzene	158	C12H14	079756-89-1	38		
4	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	27		
5	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	27		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020350.D
 Acq On : 07 Oct 2021 06:39
 Operator : SY/VA
 Sample : M4000-17
 Misc : 7.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW910

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	8.037	1.5	ug/L	52026	1	8.848	896005	25.0
(DEL) Alkane: S...	9.384	3.6	ug/L	127957	1	8.848	896005	25.0
(DEL) Alkane: C...	9.610	9.9	ug/L	355262	1	8.848	896005	25.0
(DEL) Alkane: C...	9.750	9.6	ug/L	344916	1	8.848	896005	25.0
(DEL) Alkane: S...	9.902	1.3	ug/L	47061	1	8.848	896005	25.0
(DEL) Alkane: S...	9.945	3.0	ug/L	106615	1	8.848	896005	25.0
(DEL) Alkane: S...	10.079	4.1	ug/L	148177	1	8.848	896005	25.0
(DEL) Alkane: C...	10.213	3.2	ug/L	113316	1	8.848	896005	25.0
(DEL) Alkane: C...	10.244	1.9	ug/L	82044	2	11.634	1096900	25.0
(DEL) Alkane: C...	10.506	5.6	ug/L	244231	2	11.634	1096900	25.0
(DEL) Alkane: C...	10.664	11.3	ug/L	494890	2	11.634	1096900	25.0
(DEL) Alkane: C...	10.762	6.3	ug/L	278701	2	11.634	1096900	25.0
(DEL) Alkane: S...	11.036	12.5	ug/L	546528	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.115	2.8	ug/L	122939	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.146	1.5	ug/L	67560	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.231	34.4	ug/L	1510350	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.286	4.0	ug/L	175501	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.329	11.4	ug/L	498834	2	11.634	1096900	25.0
(DEL) Alkane: S...	11.384	1.4	ug/L	62931	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.439	19.1	ug/L	836758	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.560	6.3	ug/L	277674	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.768	8.9	ug/L	390667	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.817	3.5	ug/L	152007	2	11.634	1096900	25.0
(DEL) Alkane: C...	11.871	11.1	ug/L	484847	2	11.634	1096900	25.0
Oxalic acid, bu...	11.914	11.6	ug/L	509155	2	11.634	1096900	25.0
(DEL) Alkane: S...	11.975	4.8	ug/L	208487	2	11.634	1096900	25.0
(DEL) Alkane: C...	12.140	33.1	ug/L	1452820	2	11.634	1096900	25.0
(DEL) Alkane: S...	12.249	35.1	ug/L	1541030	2	11.634	1096900	25.0
(DEL) Alkane: C...	12.298	5.0	ug/L	221113	2	11.634	1096900	25.0
(DEL) Alkane: S...	12.359	38.1	ug/L	1673920	2	11.634	1096900	25.0
(DEL) Alkane: C...	12.518	8.2	ug/L	358377	2	11.634	1096900	25.0
(DEL) Alkane: S...	12.615	4.3	ug/L	159851	3	13.554	930707	25.0
(DEL) Alkane: S...	12.780	24.6	ug/L	914562	3	13.554	930707	25.0
(DEL) Alkane: C...	12.859	9.7	ug/L	359653	3	13.554	930707	25.0
(DEL) Alkane: C...	12.926	13.0	ug/L	484580	3	13.554	930707	25.0
(DEL) Alkane: S...	13.079	11.4	ug/L	423825	3	13.554	930707	25.0
Sulfurous acid,...	13.121	6.2	ug/L	231007	3	13.554	930707	25.0
(DEL) Alkane: S...	13.164	24.7	ug/L	919927	3	13.554	930707	25.0
unknown-01	13.292	8.2	ug/L	303771	3	13.554	930707	25.0
(DEL) Alkane: S...	13.341	4.9	ug/L	182191	3	13.554	930707	25.0
unknown-02	13.377	3.7	ug/L	136880	3	13.554	930707	25.0
unknown-03	13.481	3.8	ug/L	142430	3	13.554	930707	25.0
Cyclopentane, 1...	13.627	1.5	ug/L	55216	3	13.554	930707	25.0
(DEL) Alkane: C...	13.694	3.5	ug/L	129411	3	13.554	930707	25.0
3-Octyne, 5-met...	13.737	2.1	ug/L	79556	3	13.554	930707	25.0
Benzene, 1,4-di...	13.798	3.2	ug/L	117530	3	13.554	930707	25.0
(DEL) Alkane: S...	13.981	2.2	ug/L	83487	3	13.554	930707	25.0
Oxalic acid, is...	14.017	4.0	ug/L	149284	3	13.554	930707	25.0
(DEL) Alkane: S...	14.133	5.7	ug/L	210615	3	13.554	930707	25.0
Benzene, 1-ethe...	14.206	13.9	ug/L	516163	3	13.554	930707	25.0
unknown-04	14.261	5.2	ug/L	192113	3	13.554	930707	25.0
(DEL) Alkane: S...	14.347	8.0	ug/L	298110	3	13.554	930707	25.0

trans-Decalin, ...	14.383	9.2	ug/L	340644	3	13.554	930707	25.0
unknown-05	14.420	3.5	ug/L	130603	3	13.554	930707	25.0
Naphthalene, de...	14.542	6.3	ug/L	233295	3	13.554	930707	25.0
unknown-06	14.597	1.8	ug/L	67005	3	13.554	930707	25.0
1H-Indene, 2,3-...	14.645	2.0	ug/L	73928	3	13.554	930707	25.0
1H-Indene, 2,3-...	14.700	1.7	ug/L	64097	3	13.554	930707	25.0
(DEL) Alkane: S...	14.834	10.5	ug/L	391005	3	13.554	930707	25.0
1H-Indene, 2,3-...	15.054	6.8	ug/L	252499	3	13.554	930707	25.0
Benzene, (1-met...	15.102	1.8	ug/L	65525	3	13.554	930707	25.0
Benzene, (3-met...	15.176	12.0	ug/L	448145	3	13.554	930707	25.0
(DEL) Alkane: S...	15.322	6.6	ug/L	246770	3	13.554	930707	25.0
2-Ethyl-2,3-dih...	15.468	2.1	ug/L	79116	3	13.554	930707	25.0
1H-Indene, 2,3-...	15.651	5.5	ug/L	206550	3	13.554	930707	25.0
unknown-07	15.724	3.5	ug/L	130805	3	13.554	930707	25.0
Benzene, 1,3,5-...	15.797	1.6	ug/L	60727	3	13.554	930707	25.0
Benzene, pentam...	15.944	2.2	ug/L	80776	3	13.554	930707	25.0
1H-Indene, 2,3-...	16.011	6.8	ug/L	252285	3	13.554	930707	25.0
1H-Indene, 2,3-...	16.163	3.5	ug/L	130474	3	13.554	930707	25.0
(DEL) Alkane: S...	16.279	1.8	ug/L	65880	3	13.554	930707	25.0
Benzo[b]thiophe...	16.371	2.4	ug/L	89708	3	13.554	930707	25.0
1H-Inden-1-ol, ...	16.645	2.7	ug/L	102086	3	13.554	930707	25.0

Instrument :
MSVOA_W
ClientSampleId :
EW910