

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026410.D
 Acq On : 28 Jun 2023 22:00
 Operator : SY/MD
 Sample : 03458-15
 Misc : 5.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M8

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026410.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	71	77	88	rVB	113381	233781	5.94%	0.536%
2	2.893	158	165	178	rBV	95194	261219	6.64%	0.599%
3	4.015	338	349	359	rBV	220980	592491	15.06%	1.359%
4	4.112	359	365	378	rVB	64078	178864	4.55%	0.410%
5	4.375	402	408	417	rBV	6453	20495	0.52%	0.047%
6	4.911	487	496	509	rVV2	20229	63857	1.62%	0.146%
7	7.075	844	851	859	rBV2	57575	171117	4.35%	0.392%
8	7.167	861	866	879	rVB	29083	85655	2.18%	0.196%
9	7.648	935	945	957	rBV	306698	751826	19.10%	1.724%
10	7.935	984	992	999	rVV	4707	14653	0.37%	0.034%
11	8.026	1002	1007	1014	rBV3	10007	23088	0.59%	0.053%
12	8.154	1020	1028	1035	rBV2	17223	42273	1.07%	0.097%
13	8.276	1037	1048	1064	rVV2	595910	1813324	46.08%	4.159%
14	8.435	1064	1074	1079	rVV5	13527	42681	1.08%	0.098%
15	8.502	1079	1085	1089	rVV4	11994	29859	0.76%	0.068%
16	8.569	1091	1096	1103	rVB4	21008	50533	1.28%	0.116%
17	8.703	1108	1118	1123	rVB4	5081	13846	0.35%	0.032%
18	8.837	1131	1140	1156	rBV	835992	1660343	42.19%	3.808%
19	9.069	1169	1178	1184	rBV8	8353	21560	0.55%	0.049%
20	9.142	1184	1190	1197	rVB2	6953	14067	0.36%	0.032%
21	9.270	1202	1211	1217	rBV	529112	1166821	29.65%	2.676%
22	9.331	1217	1221	1227	rVV2	178982	360439	9.16%	0.827%
23	9.380	1227	1229	1236	rVB2	26570	43040	1.09%	0.099%
24	9.514	1244	1251	1257	rBV3	11328	20940	0.53%	0.048%
25	9.605	1257	1266	1273	rBV3	42928	95454	2.43%	0.219%
26	9.752	1280	1290	1299	rVB2	62206	128616	3.27%	0.295%
27	9.898	1304	1314	1318	rBV	27325	58302	1.48%	0.134%
28	9.947	1318	1322	1326	rBV4	13614	23793	0.60%	0.055%
29	10.032	1330	1336	1342	rBV	225374	396469	10.07%	0.909%
30	10.124	1349	1351	1359	rVB2	20179	30830	0.78%	0.071%
31	10.215	1359	1366	1368	rBV5	11442	25446	0.65%	0.058%
32	10.239	1368	1370	1375	rVB3	15662	22335	0.57%	0.051%
33	10.319	1375	1383	1399	rBV	1024683	1987904	50.51%	4.559%
34	10.441	1399	1403	1406	rBV3	14418	23718	0.60%	0.054%
35	10.502	1406	1413	1419	rVB4	53827	138241	3.51%	0.317%
36	10.575	1419	1425	1430	rBV	142674	263031	6.68%	0.603%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026410.D
 Acq On : 28 Jun 2023 22:00
 Operator : SY/MD
 Sample : 03458-15
 Misc : 5.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M8

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	10.660	1435	1439	1448	rVB	78844	143850	3.66%	0.330%
38	10.758	1448	1455	1460	rBV4	42851	88817	2.26%	0.204%
39	10.843	1465	1469	1475	rVB2	29749	52158	1.33%	0.120%
40	10.922	1475	1482	1491	rBV2	302298	587071	14.92%	1.346%
41	11.032	1495	1500	1508	rVB	43700	92691	2.36%	0.213%
42	11.105	1508	1512	1515	rBV2	28361	42033	1.07%	0.096%
43	11.142	1515	1518	1519	rVV3	21004	25968	0.66%	0.060%
44	11.172	1519	1523	1527	rVV	93388	161871	4.11%	0.371%
45	11.227	1527	1532	1538	rVV	168210	303993	7.72%	0.697%
46	11.282	1538	1541	1544	rVV4	21362	30057	0.76%	0.069%
47	11.337	1544	1550	1554	rVV2	84172	142672	3.63%	0.327%
48	11.373	1554	1556	1561	rVV3	21135	36289	0.92%	0.083%
49	11.434	1561	1566	1573	rVB	69451	124491	3.16%	0.285%
50	11.507	1573	1578	1583	rBV	46491	81996	2.08%	0.188%
51	11.629	1590	1598	1606	rBV	989853	1689513	42.93%	3.875%
52	11.763	1616	1620	1623	rBV	36188	51843	1.32%	0.119%
53	11.812	1623	1628	1632	rVV4	49635	95692	2.43%	0.219%
54	11.867	1632	1637	1641	rVV	109188	190840	4.85%	0.438%
55	11.910	1642	1644	1650	rVB4	75687	113508	2.88%	0.260%
56	11.971	1650	1654	1656	rBV2	33277	50514	1.28%	0.116%
57	12.056	1663	1668	1673	rVB4	51417	99764	2.54%	0.229%
58	12.135	1673	1681	1687	rBV3	202484	447992	11.38%	1.027%
59	12.245	1692	1699	1704	rVB	293729	532267	13.53%	1.221%
60	12.361	1704	1718	1726	rBV4	345431	1240982	31.53%	2.846%
61	12.452	1730	1733	1735	rBV2	30261	45293	1.15%	0.104%
62	12.495	1735	1740	1749	rVB3	168993	433469	11.01%	0.994%
63	12.617	1752	1760	1765	rVB4	90716	243370	6.18%	0.558%
64	12.690	1765	1772	1778	rBV	440245	879720	22.35%	2.017%
65	12.745	1778	1781	1782	rBV2	30268	33924	0.86%	0.078%
66	12.775	1782	1786	1792	rVB3	254404	471565	11.98%	1.081%
67	12.855	1792	1799	1804	rBV5	148388	369489	9.39%	0.847%
68	12.940	1804	1813	1818	rBV6	342828	1014618	25.78%	2.327%
69	12.989	1818	1821	1825	rVB3	170517	253338	6.44%	0.581%
70	13.074	1826	1835	1839	rBV4	228119	463243	11.77%	1.062%
71	13.123	1839	1843	1846	rBV2	165637	279690	7.11%	0.641%
72	13.166	1846	1850	1852	rBV3	100272	158719	4.03%	0.364%
73	13.288	1863	1870	1874	rBV	309945	546213	13.88%	1.253%
74	13.336	1874	1878	1882	rVV	213874	314461	7.99%	0.721%
75	13.373	1882	1884	1886	rVV3	62542	54418	1.38%	0.125%
76	13.410	1886	1890	1891	rVV2	145009	180006	4.57%	0.413%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026410.D
 Acq On : 28 Jun 2023 22:00
 Operator : SY/MD
 Sample : 03458-15
 Misc : 5.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M8

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

77	13.440	1892	1895	1899	rVV2	356718	572197	14.54%	1.312%
78	13.477	1899	1901	1908	rVB4	166993	273750	6.96%	0.628%
79	13.556	1909	1914	1918	rBV	544973	902611	22.94%	2.070%
80	13.690	1931	1936	1940	rBV4	195351	363241	9.23%	0.833%
81	13.873	1957	1966	1970	rBV2	701683	1994878	50.69%	4.575%
82	13.916	1970	1973	1978	rVB3	289880	458244	11.64%	1.051%
83	13.976	1979	1983	1986	rBV2	309864	448080	11.39%	1.028%
84	14.184	2014	2017	2022	rBV	220486	351178	8.92%	0.805%
85	14.257	2024	2029	2035	rVV4	405697	704223	17.89%	1.615%
86	14.312	2035	2038	2042	rVB3	185617	258749	6.57%	0.593%
87	14.379	2042	2049	2054	rBV2	988215	1840779	46.78%	4.221%
88	14.489	2064	2067	2069	rBV4	188804	275201	6.99%	0.631%
89	14.543	2073	2076	2081	rVB3	452086	676025	17.18%	1.550%
90	14.653	2091	2094	2099	rVB2	191620	242728	6.17%	0.557%
91	14.732	2103	2107	2112	rBV2	270823	495182	12.58%	1.136%
92	14.793	2112	2117	2121	rVV	506824	962543	24.46%	2.207%
93	14.842	2121	2125	2130	rVB4	546425	1080756	27.46%	2.479%
94	15.117	2167	2170	2173	rVB4	169444	203579	5.17%	0.467%
95	15.318	2198	2203	2210	rVB	2414681	3935386	100.00%	9.025%
96	15.391	2210	2215	2220	rBV4	359531	818947	20.81%	1.878%
97	15.568	2239	2244	2249	rBV5	274601	640434	16.27%	1.469%
98	15.616	2250	2252	2256	rBV3	168614	258028	6.56%	0.592%
99	16.275	2355	2360	2369	rVB	1352797	2487015	63.20%	5.703%
100	16.525	2399	2401	2407	rVB2	219323	322095	8.18%	0.739%

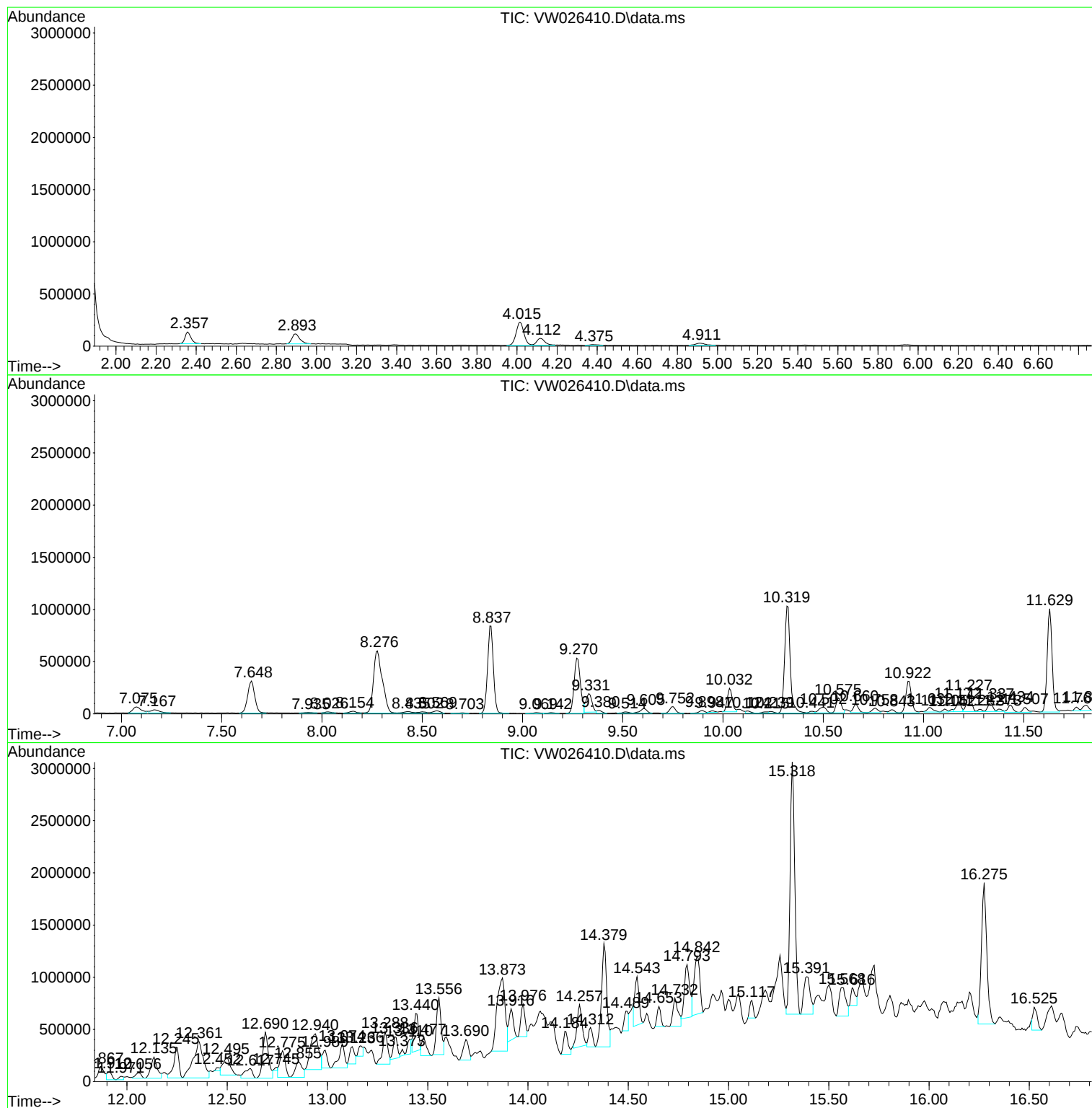
Sum of corrected areas: 43605168

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

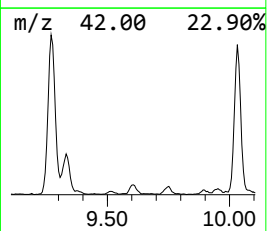
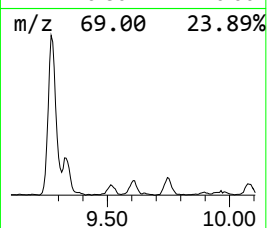
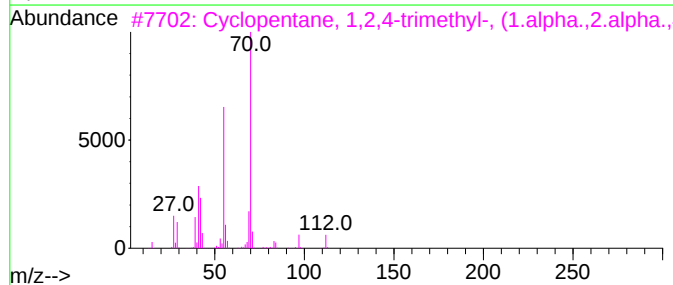
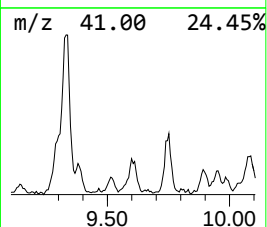
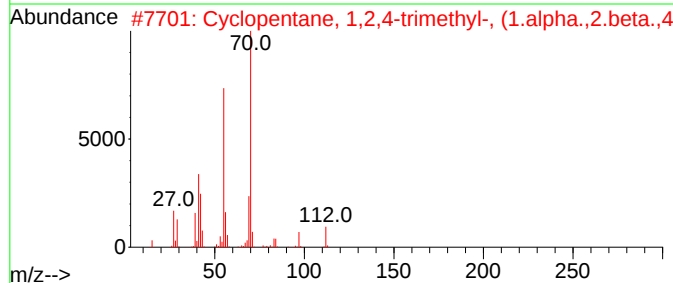
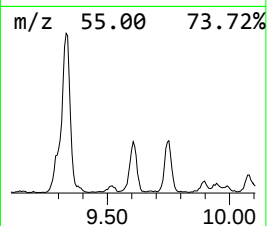
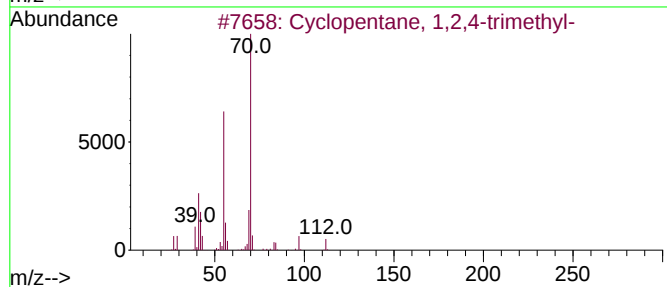
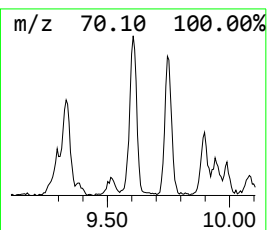
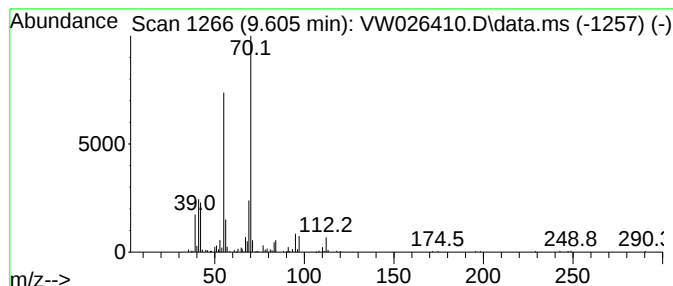
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic9.605 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	1.44 ug/L	95454	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

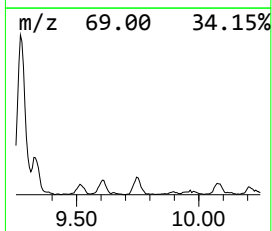
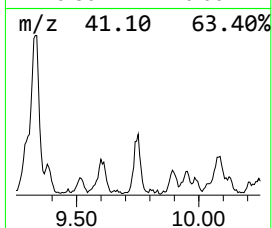
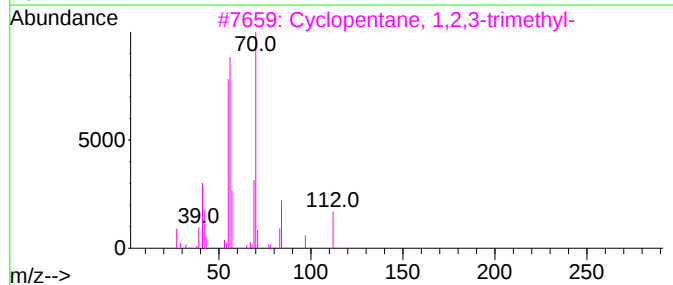
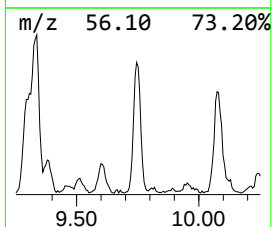
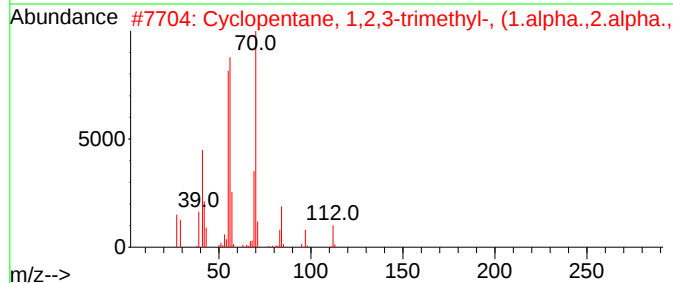
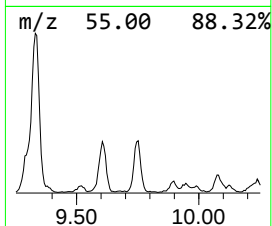
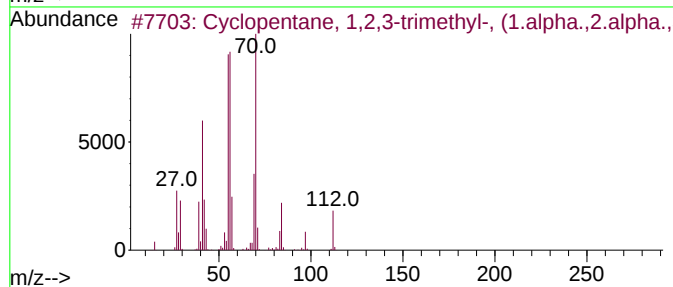
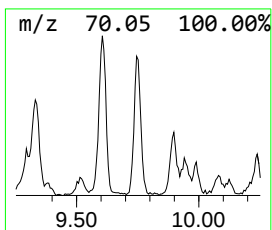
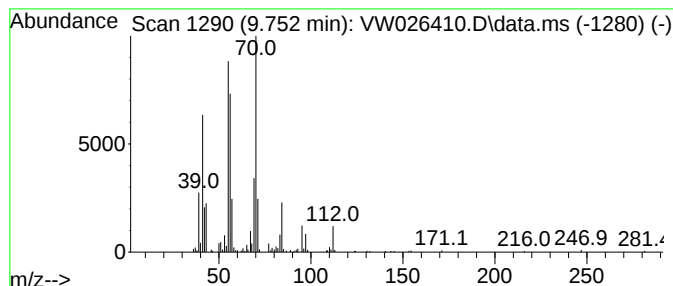
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic9.752 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	1.94 ug/L	128616	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
3			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	83
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	72
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

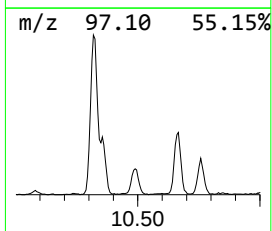
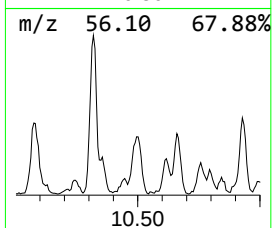
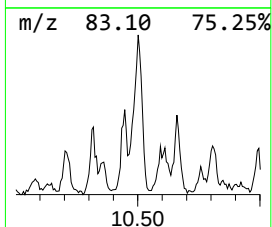
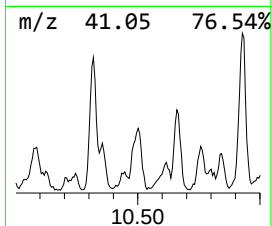
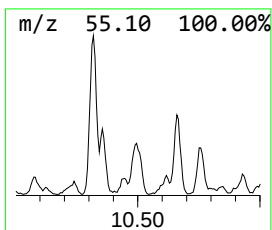
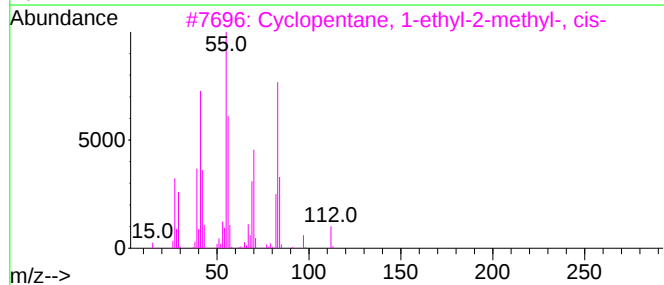
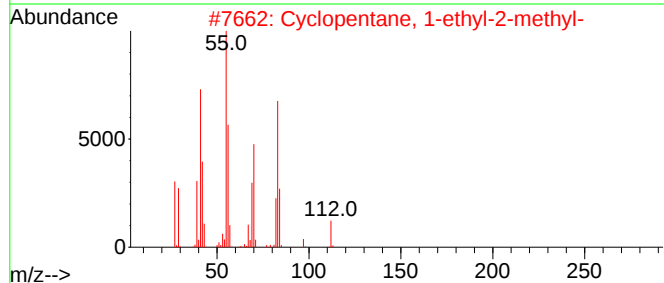
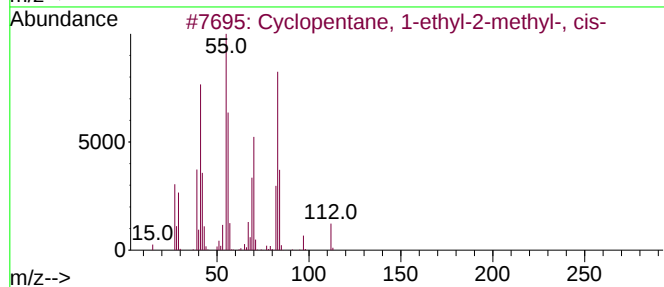
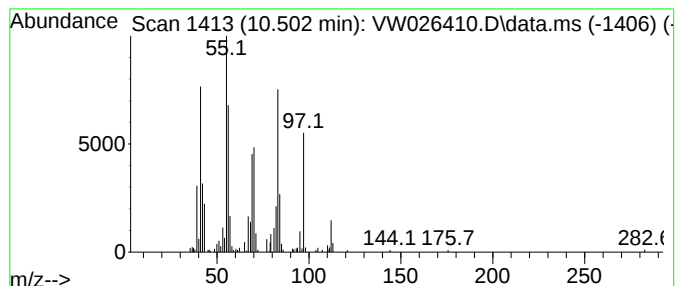
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic10.502 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	2.05 ug/L	138241	Chlorobenzene-d5	11.629

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	003726-46-3	93
3			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	76
4			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	49
5			Cyclooctane	112	C8H16	000292-64-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

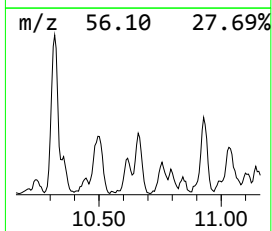
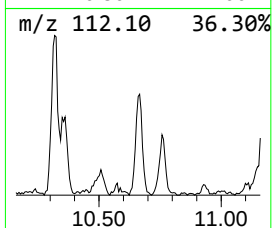
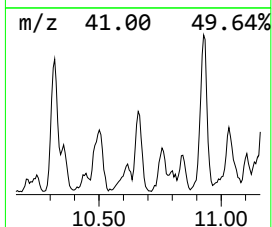
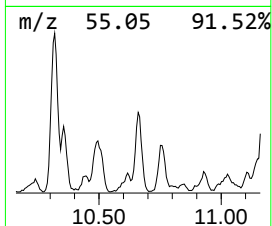
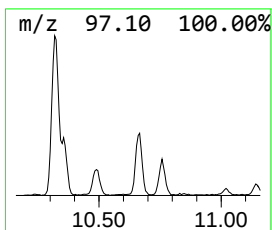
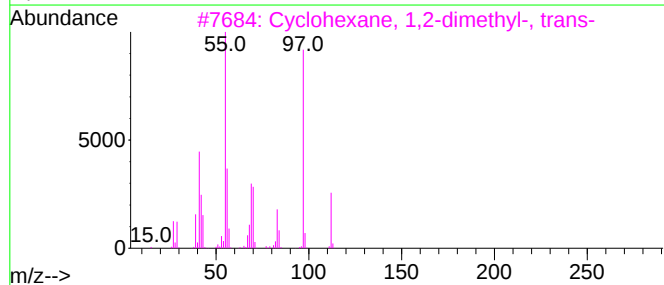
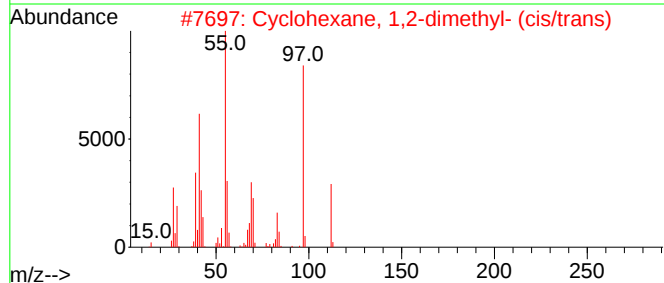
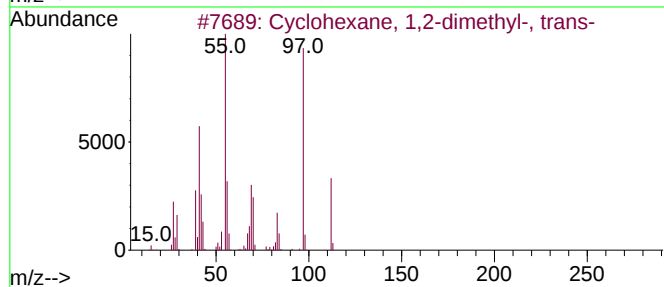
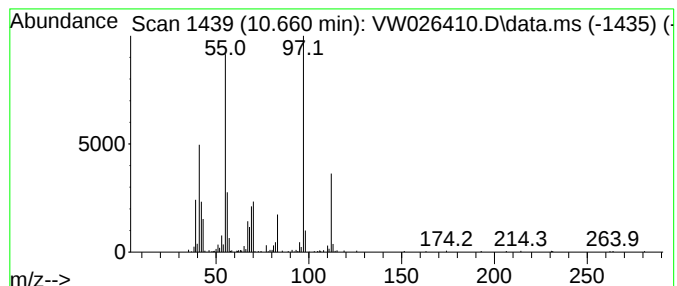
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic10.660 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	2.13 ug/L	143850	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

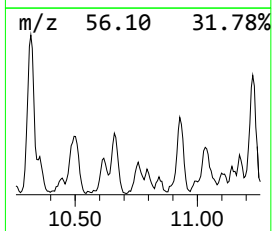
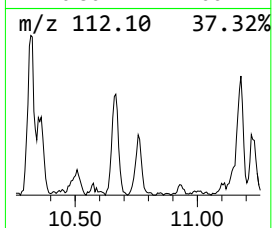
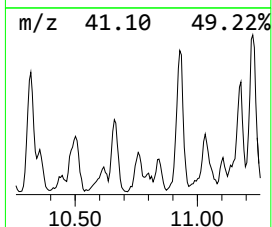
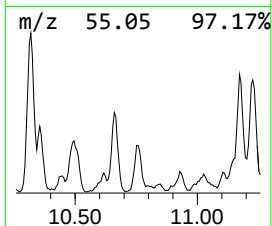
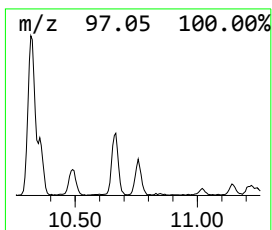
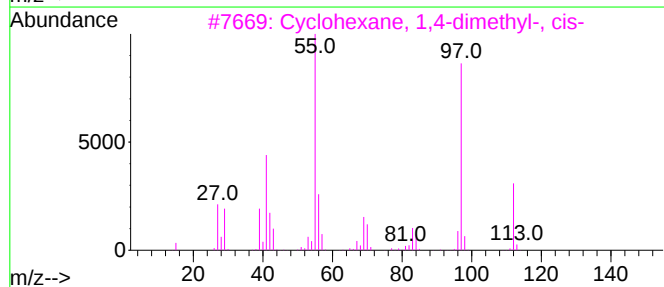
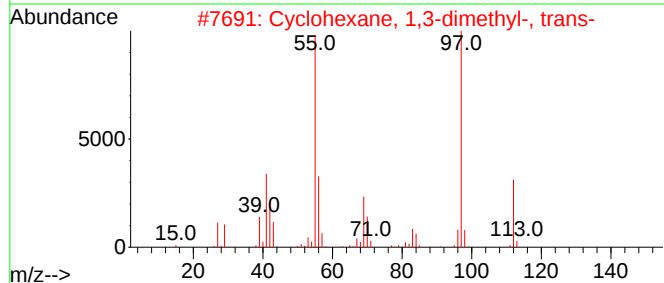
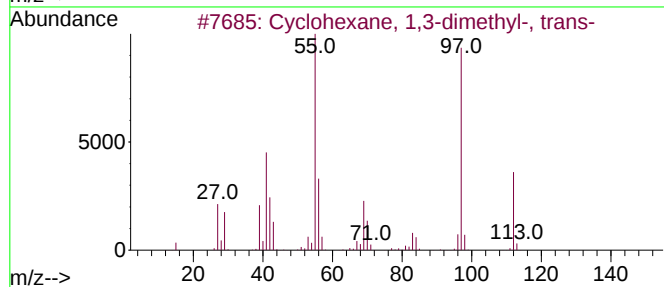
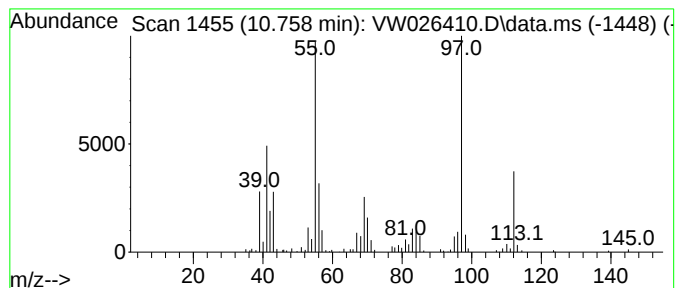
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic10.758 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.758	1.31 ug/L	88817	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

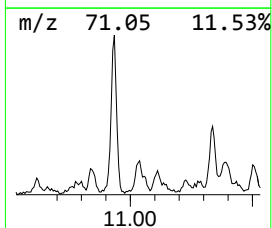
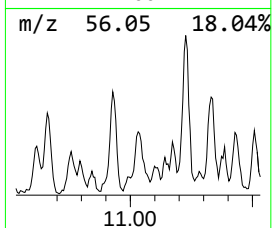
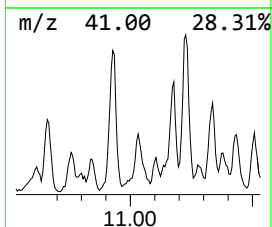
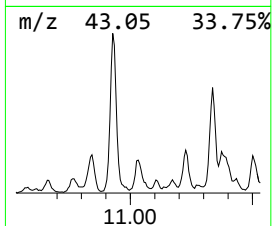
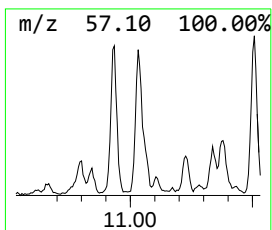
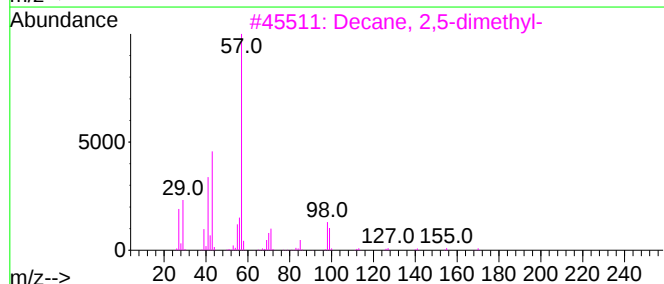
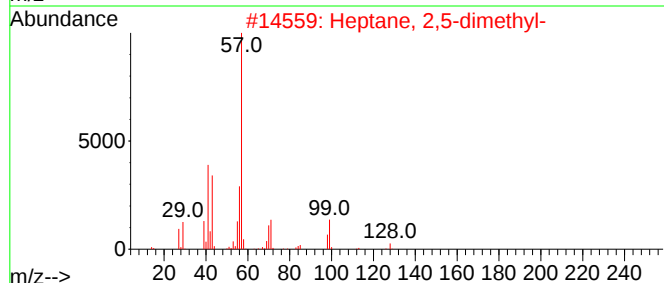
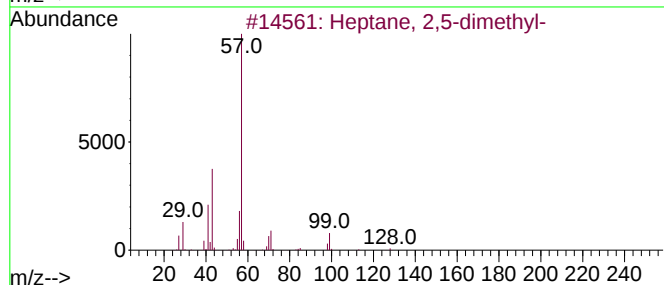
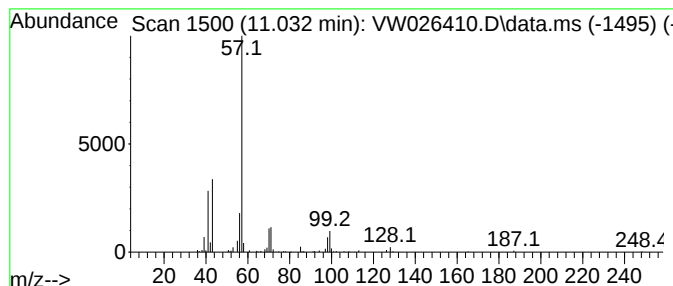
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.032	1.37 ug/L	92691	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	64
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

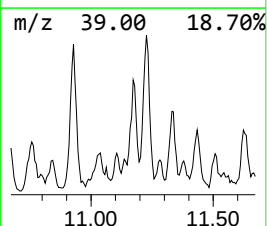
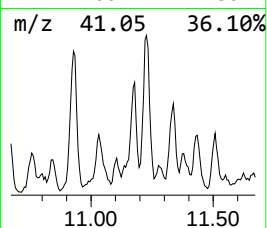
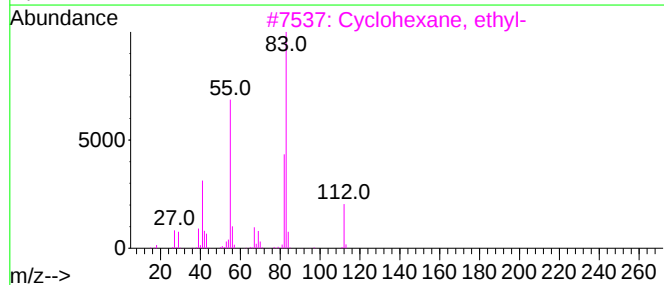
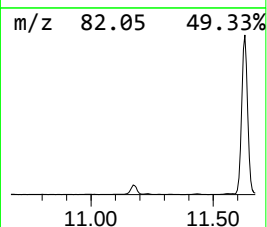
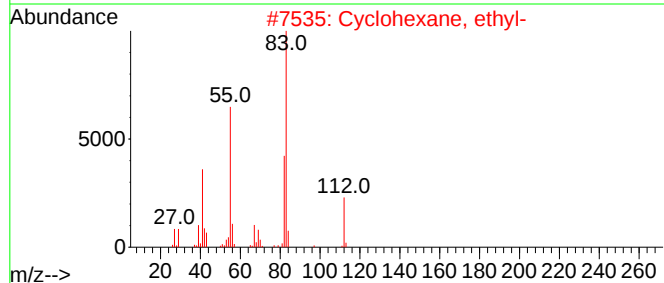
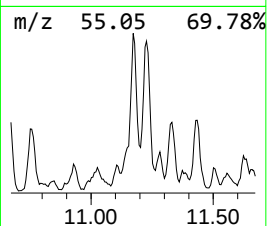
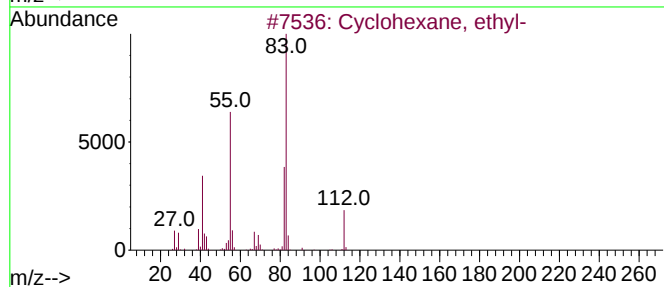
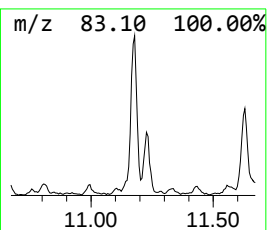
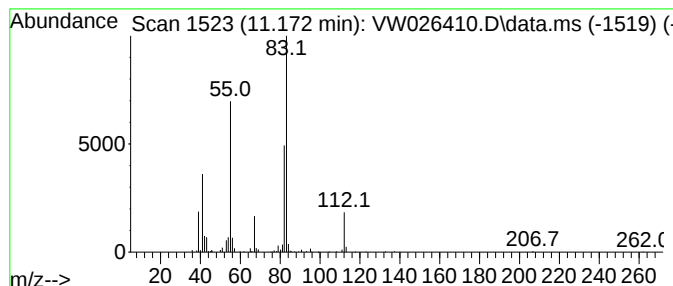
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.172 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.172	2.40 ug/L	161871	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

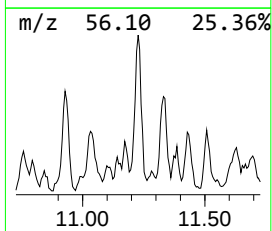
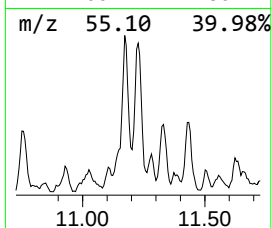
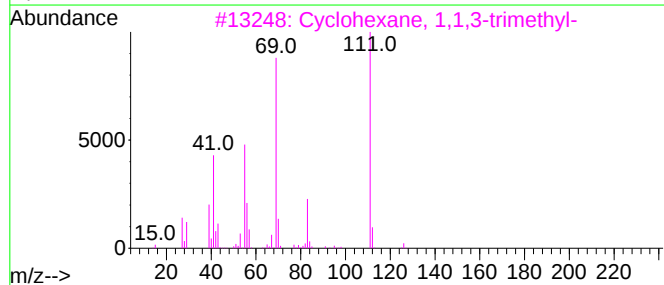
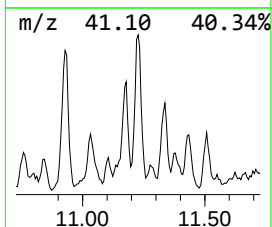
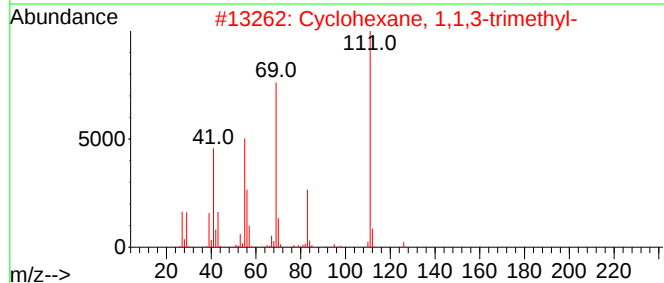
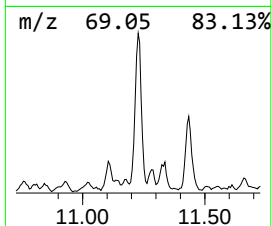
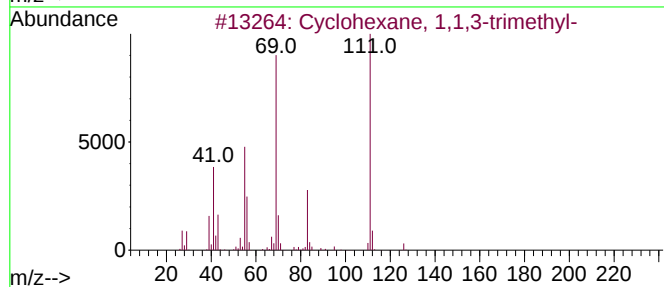
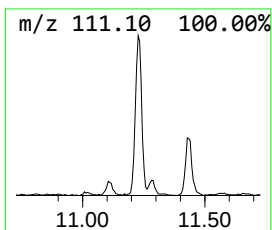
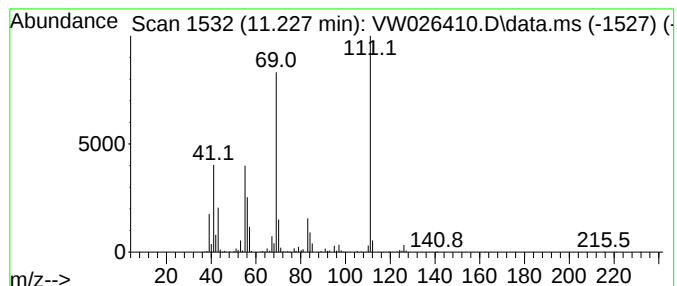
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic11.227 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.227	4.50 ug/L	303993	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	83
2	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	83
3	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	80
4	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	72
5	1-Hexene, 3,3-dimethyl-		112	C8H16	003404-77-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

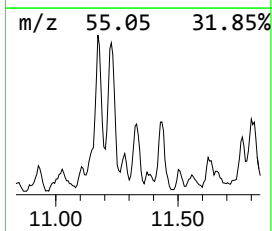
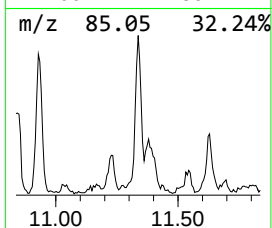
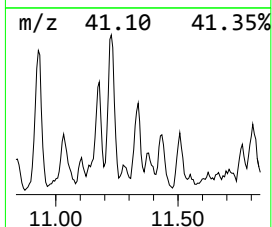
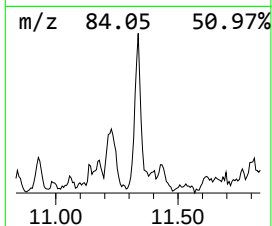
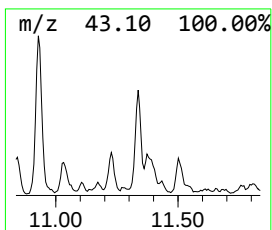
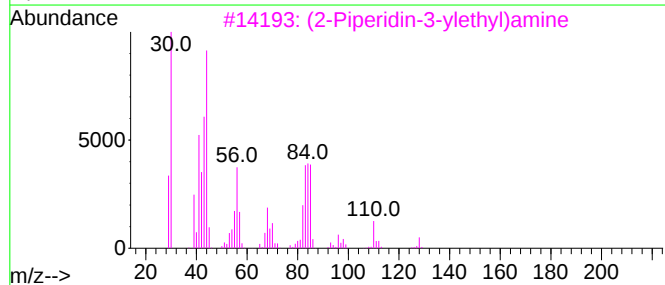
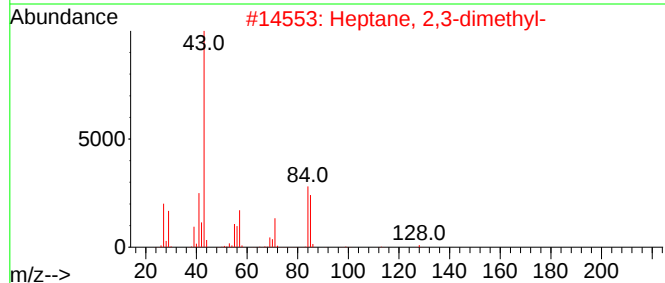
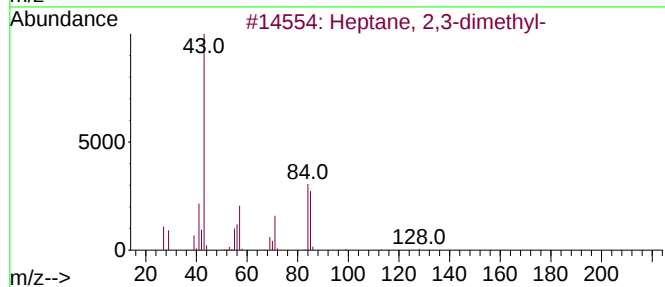
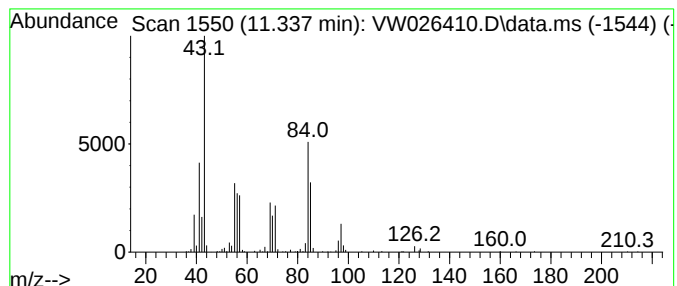
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	2.11 ug/L	142672	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
3		(2-Piperidin-3-ylethyl)amine	128	C7H16N2	089850-94-2	50
4		Octane	114	C8H18	000111-65-9	50
5		Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

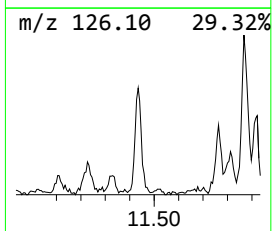
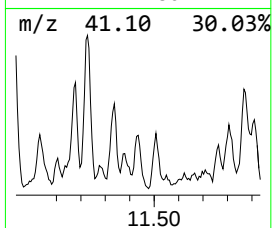
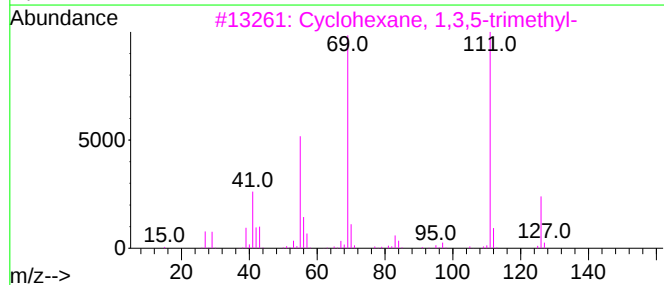
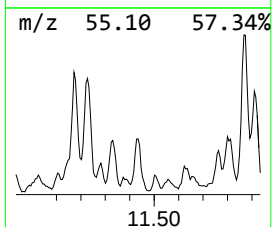
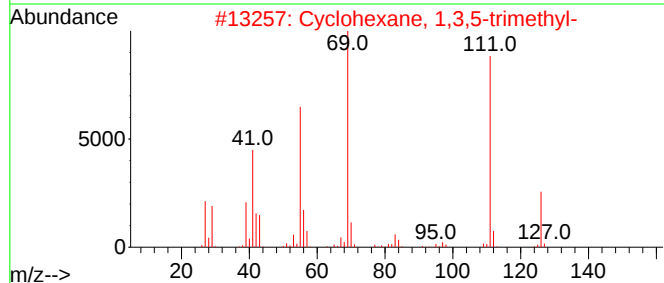
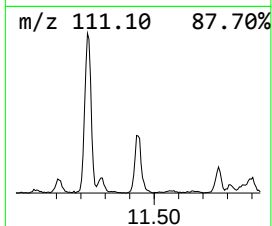
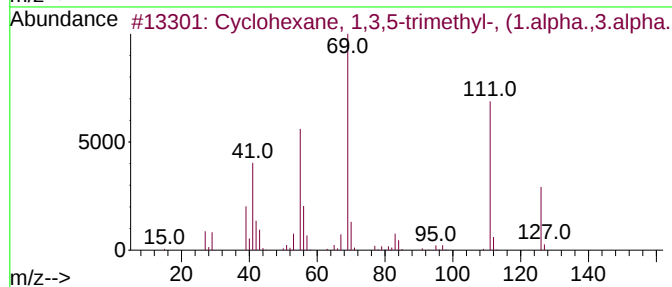
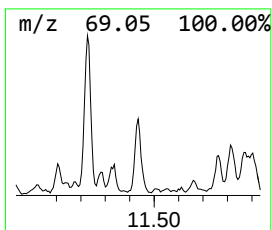
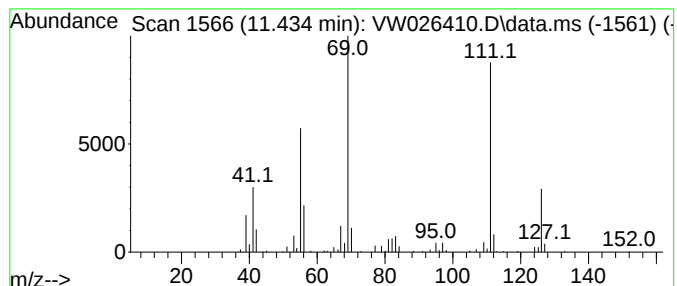
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.434 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	1.84 ug/L	124491	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	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	001795-27-3	90
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

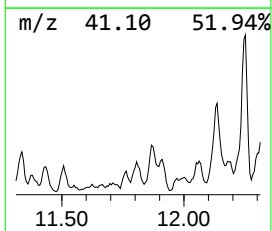
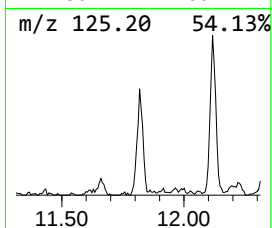
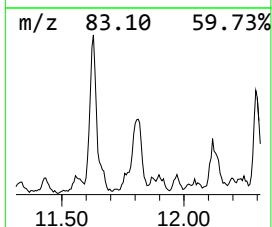
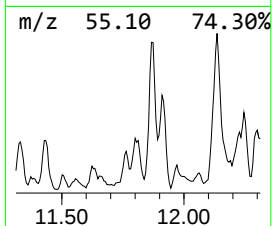
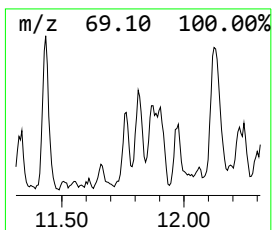
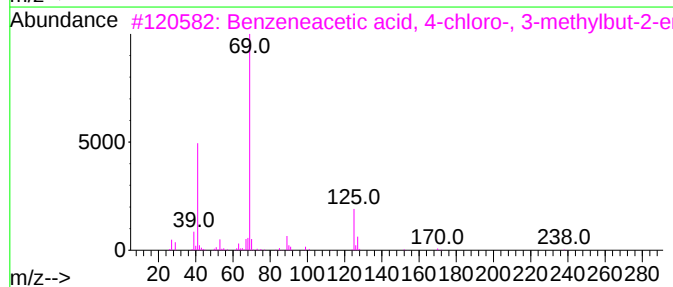
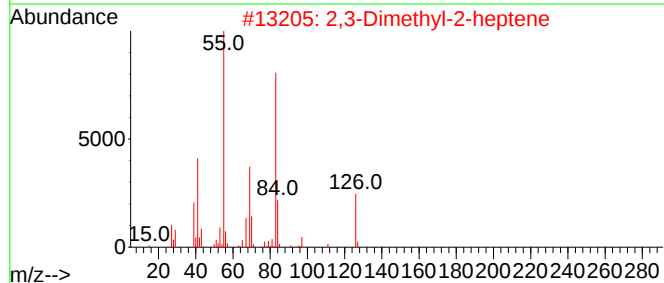
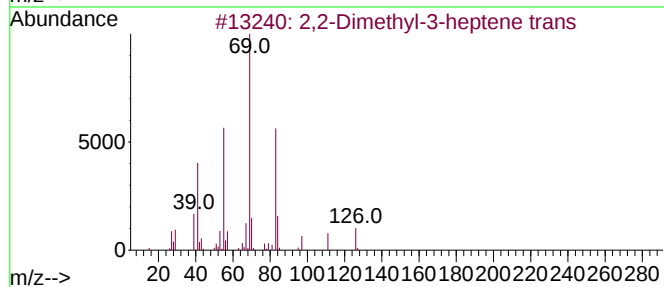
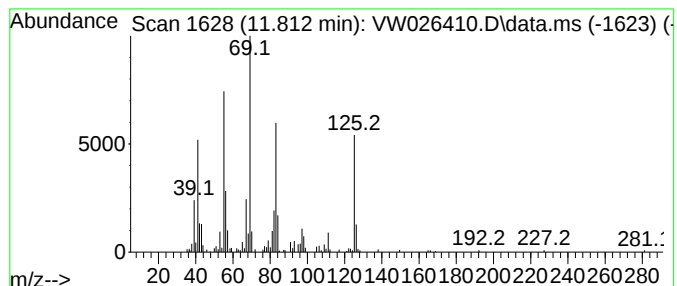
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.812	1.42 ug/L	95692	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	64
2		2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	43
3		Benzeneacetic acid, 4-chloro-, 3...	238	C13H15ClO2	1000406-99-7	38
4		3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	38
5		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

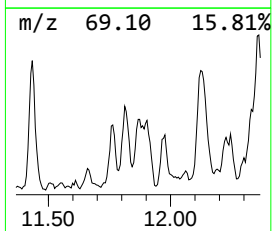
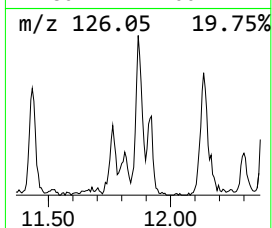
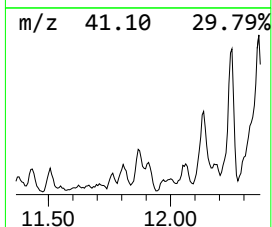
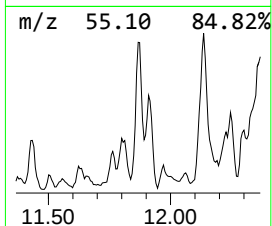
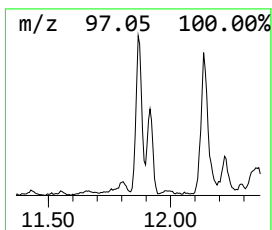
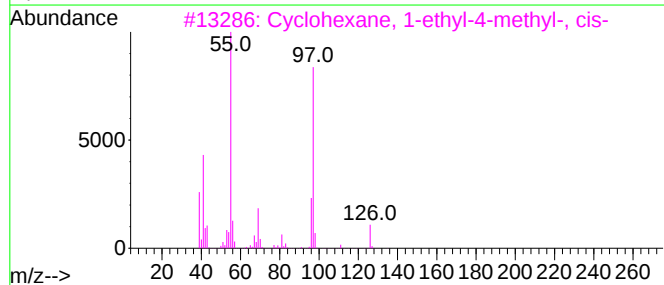
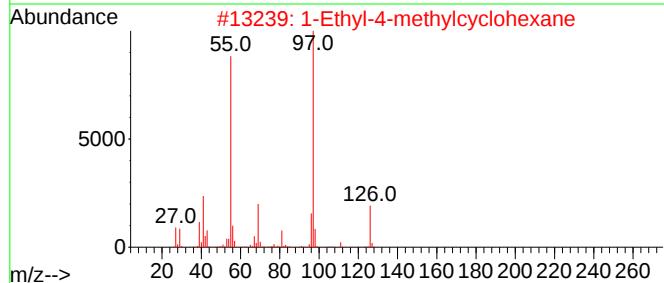
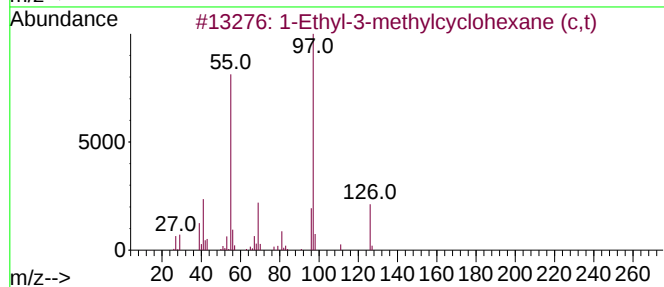
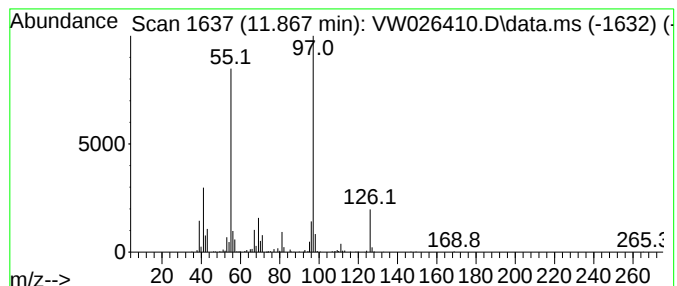
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic11.867 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.867	2.82 ug/L	190840	Chlorobenzene-d5	11.629

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			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

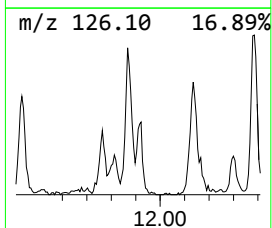
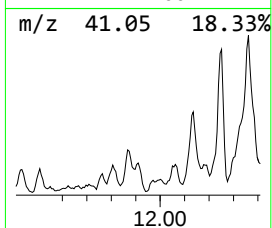
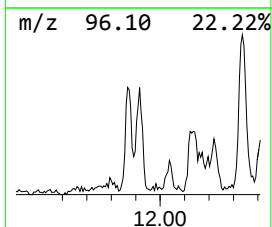
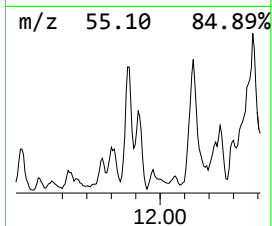
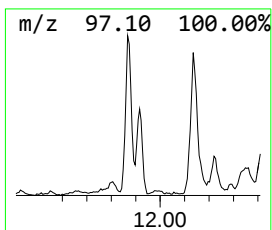
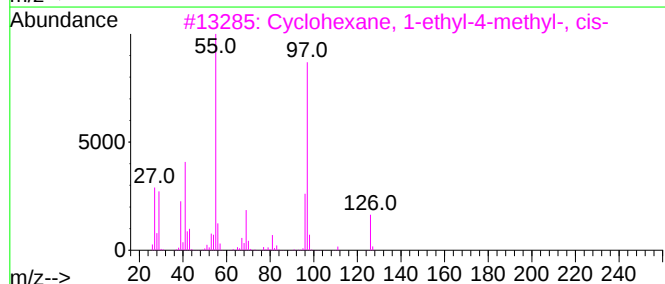
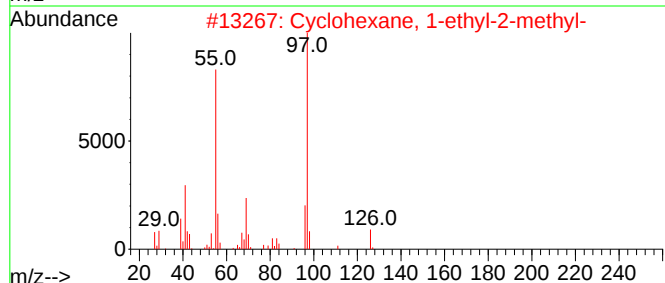
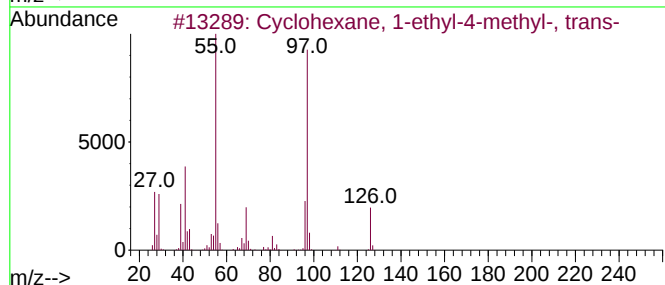
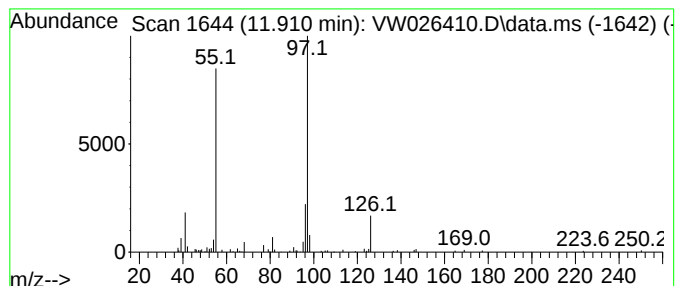
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic11.910 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	1.68 ug/L	113508	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	86
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
4			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	72
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

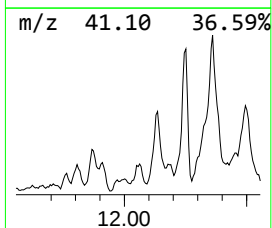
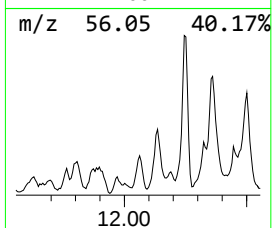
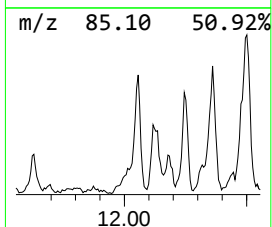
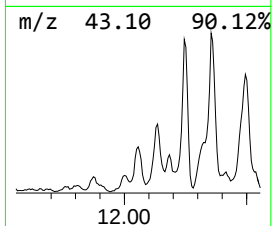
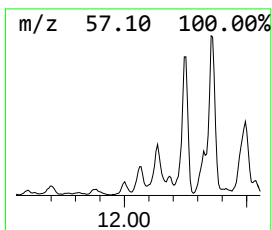
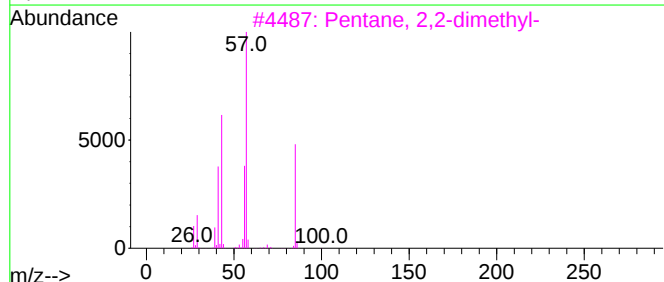
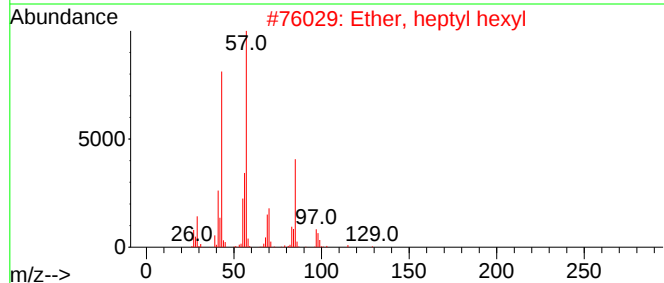
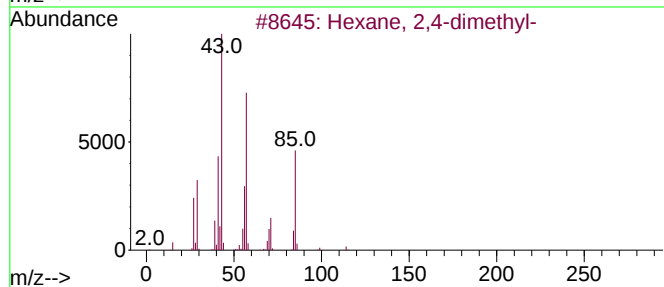
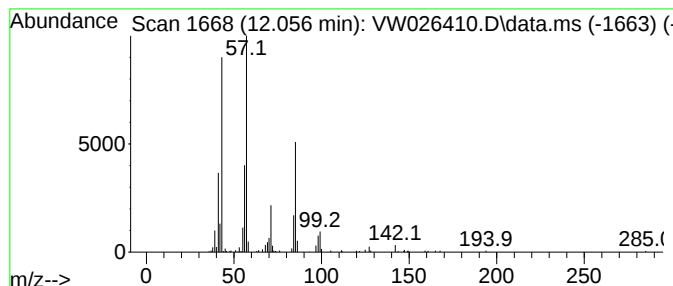
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	1.48 ug/L	99764	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
2			Ether, heptyl hexyl	200	C13H28O	007289-40-9	64
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4			Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	50
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

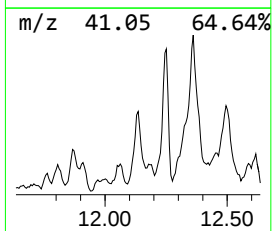
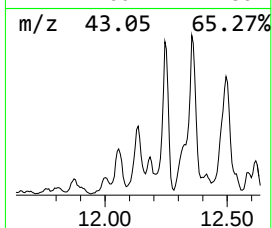
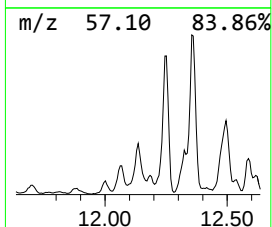
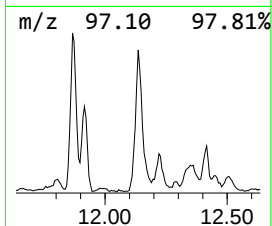
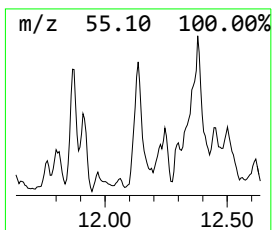
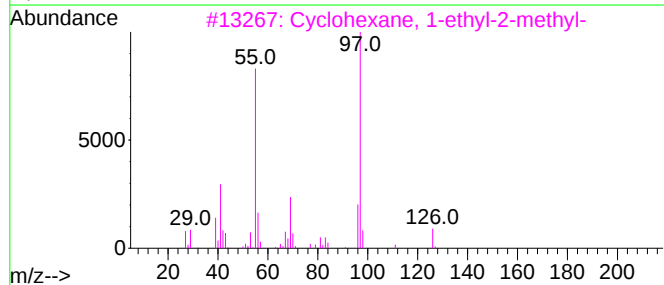
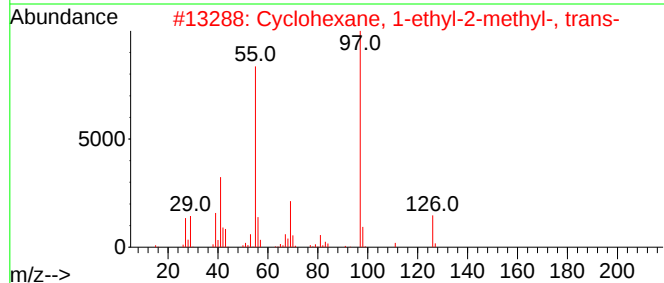
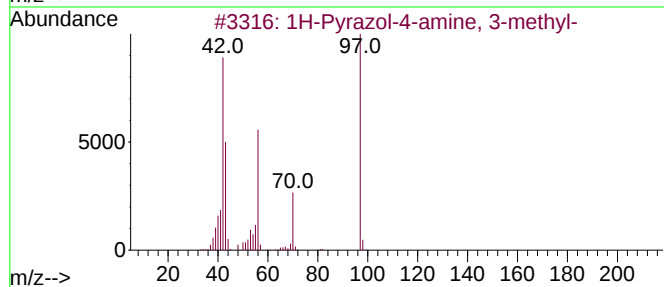
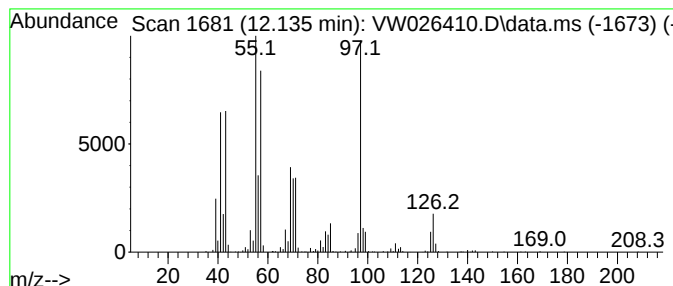
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	6.63 ug/L	447992	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	49
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	49
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	46
5			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

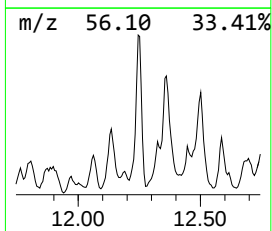
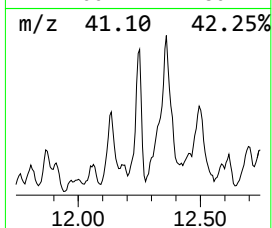
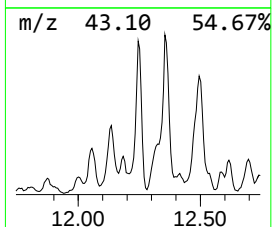
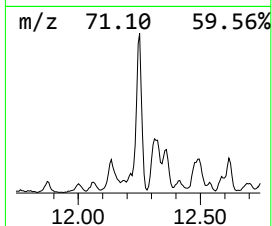
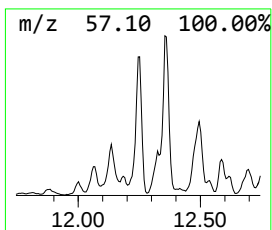
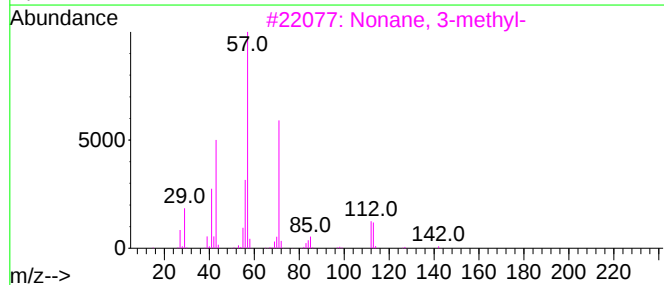
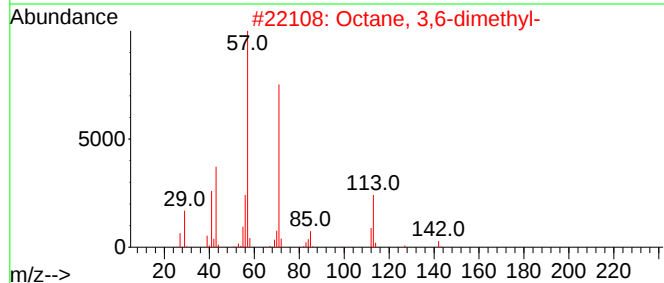
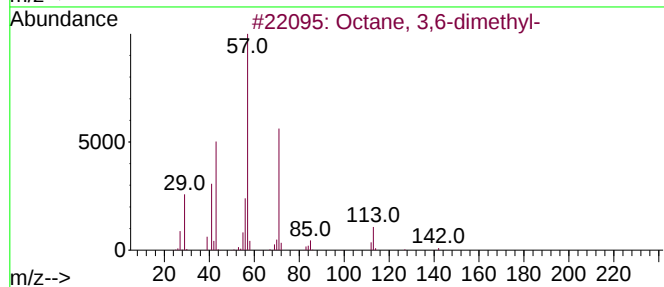
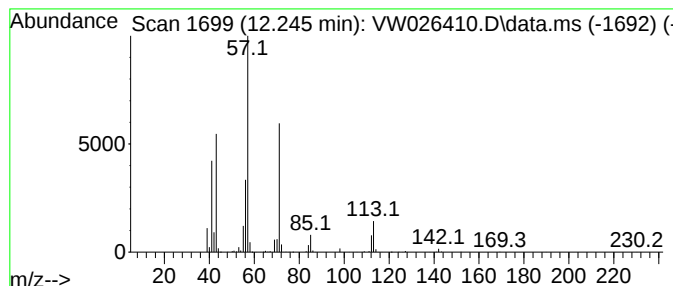
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.245	7.88 ug/L	532267	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	94
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

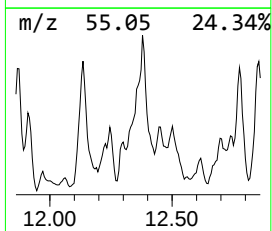
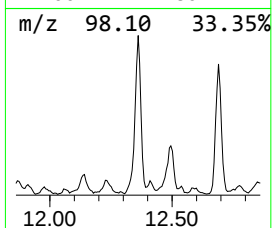
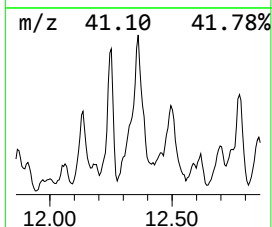
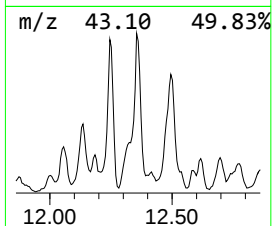
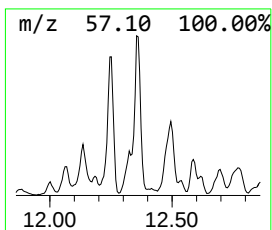
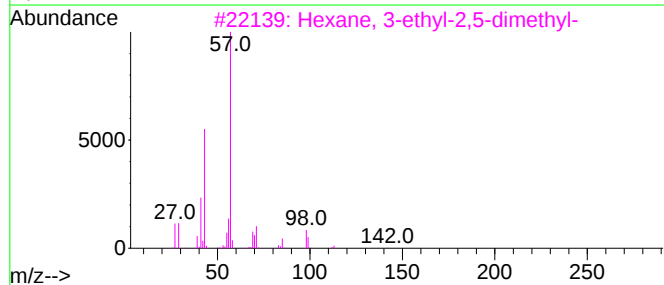
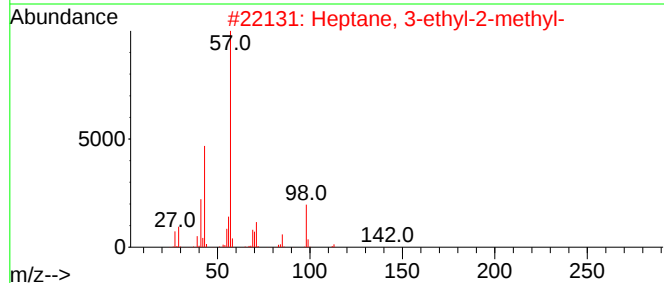
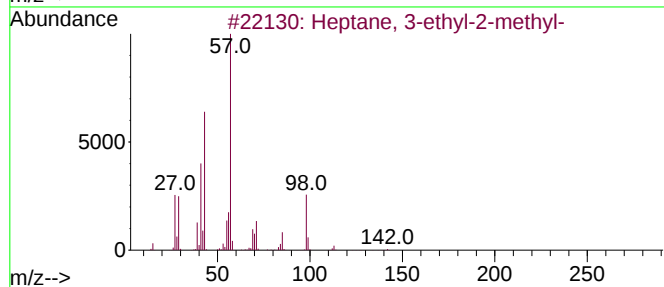
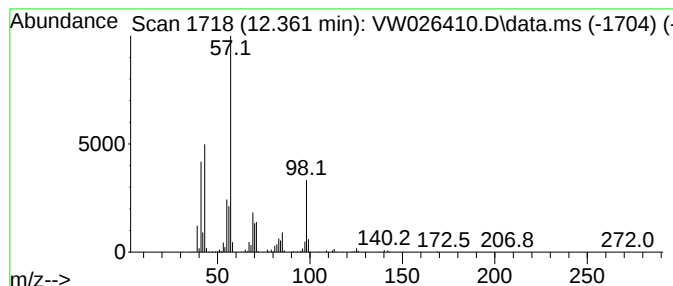
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	18.36 ug/L	1240980	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

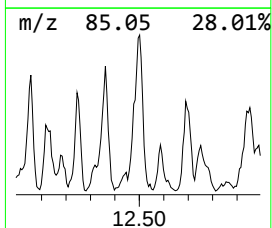
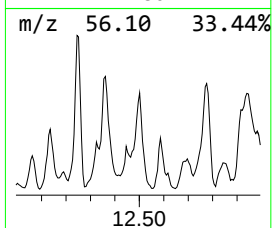
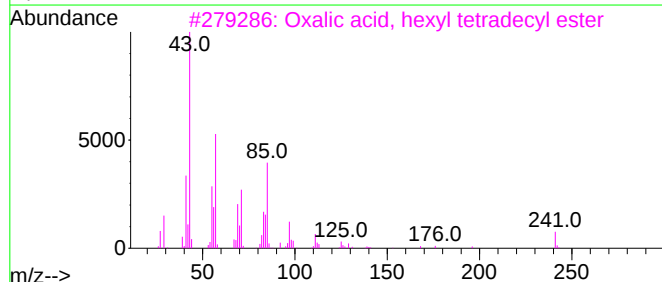
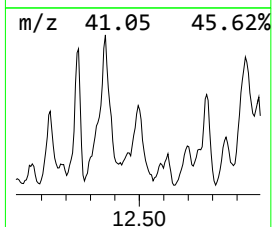
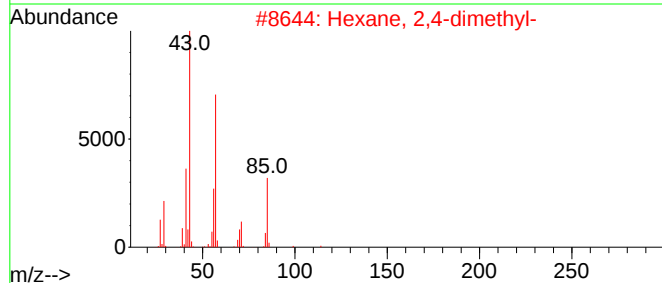
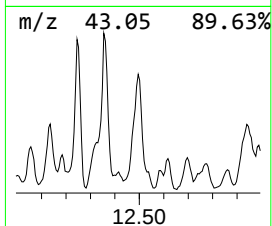
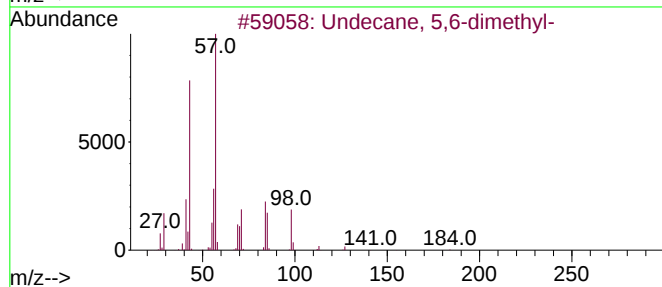
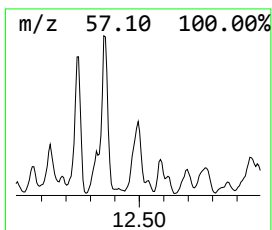
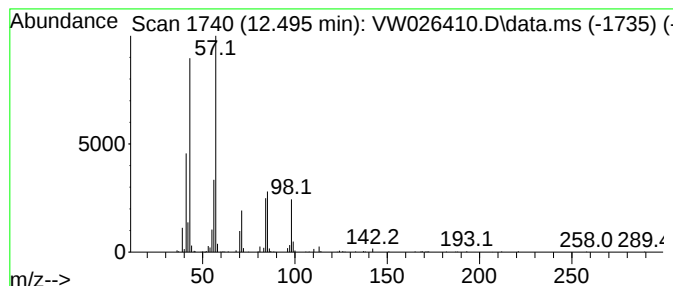
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.495	6.41 ug/L	433469	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	86
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3			Oxalic acid, hexyl tetradecyl ester	370	C22H42O4	1000309-24-8	50
4			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	50
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

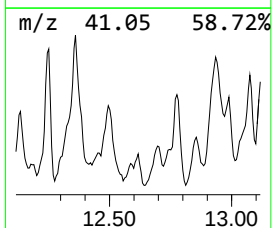
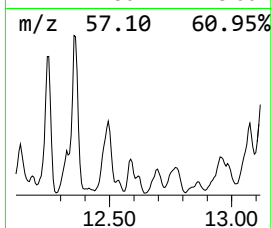
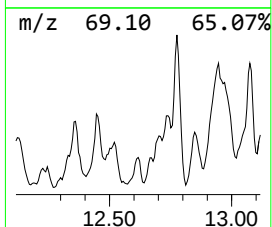
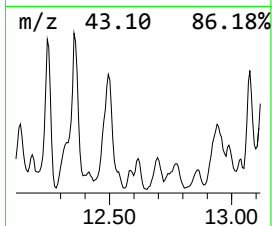
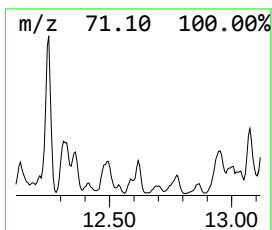
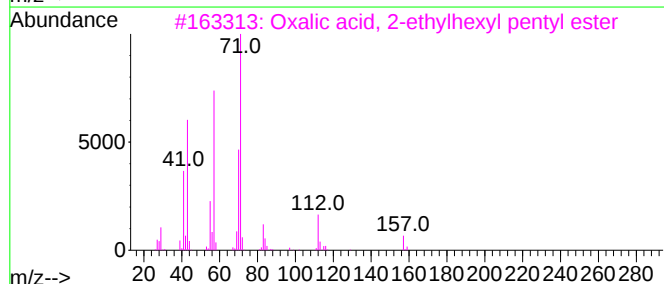
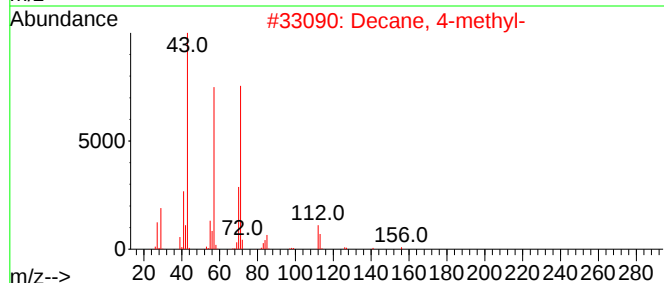
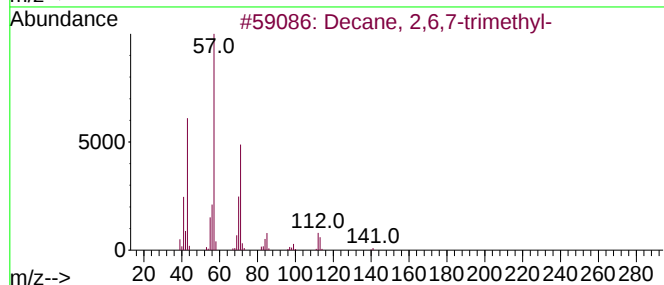
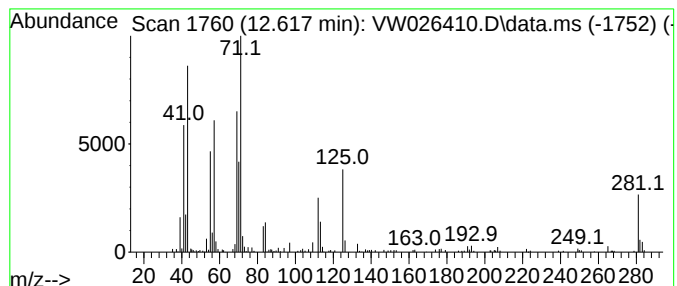
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	6.74 ug/L	243370	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
2			Decane, 4-methyl-	156	C11H24	002847-72-5	50
3			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	47
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47
5			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

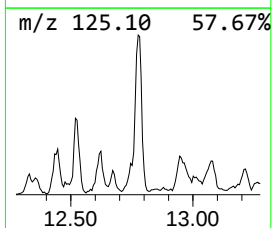
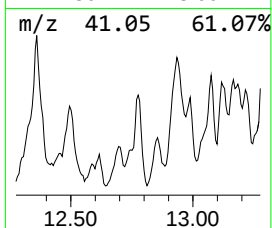
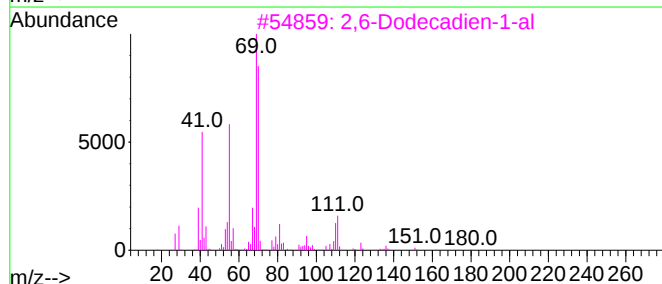
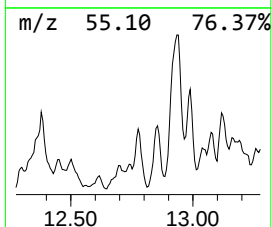
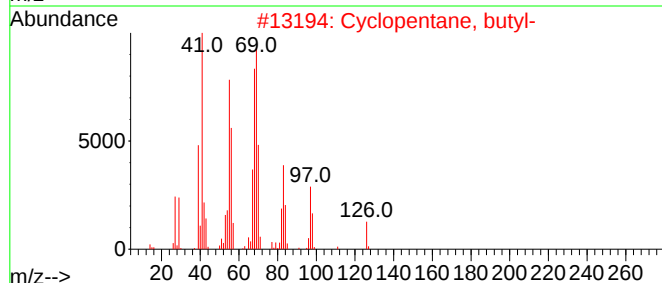
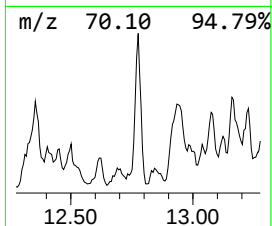
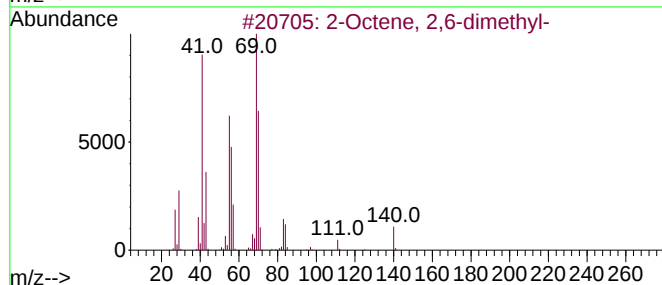
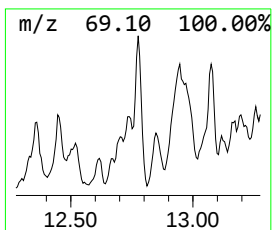
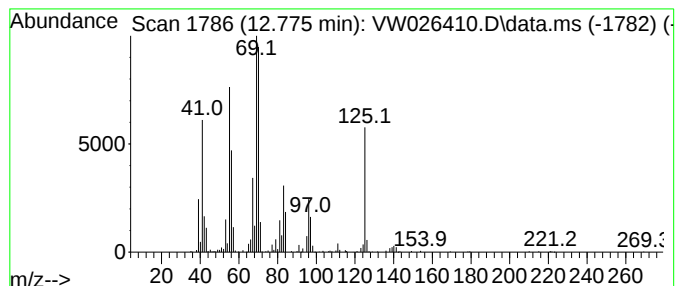
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	13.06 ug/L	471565	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	50
3		2,6-Dodecadien-1-al	180	C12H20O	021662-13-5	43
4		Ketone, vinyl-pyrrolidiny-	125	C7H11NO	042104-70-1	38
5		2,6-Nonadienal, (E,E)-	138	C9H14O	017587-33-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

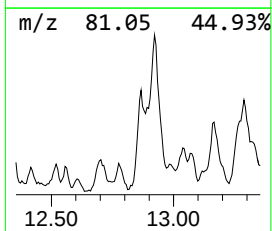
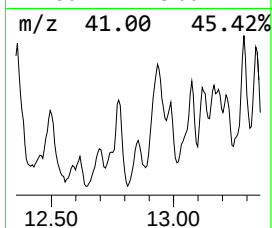
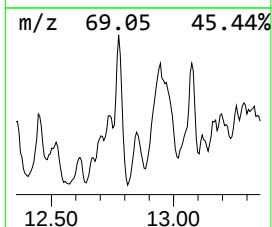
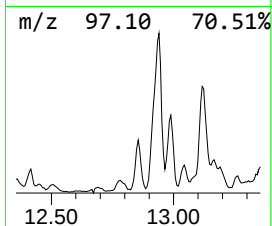
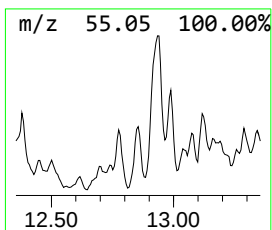
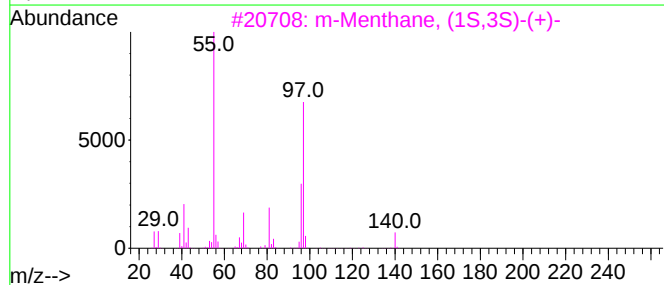
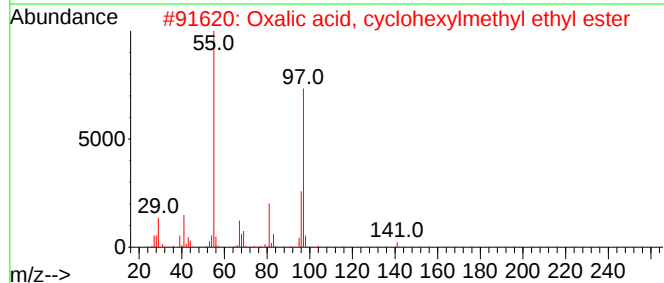
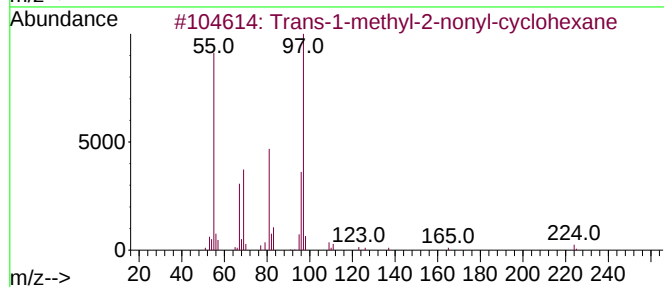
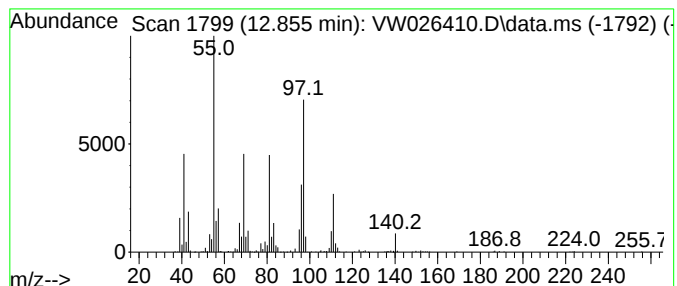
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic12.855 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	10.23 ug/L	369489	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	70
2			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	50
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	50
4			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

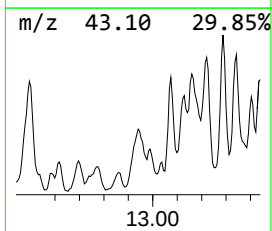
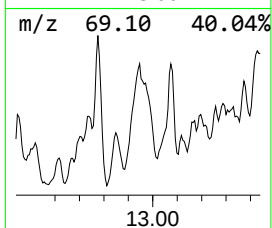
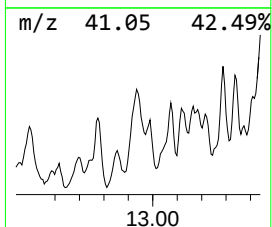
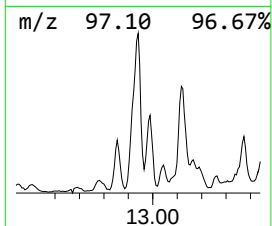
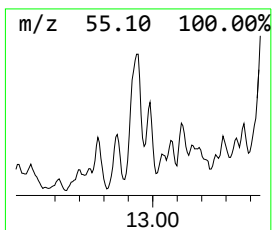
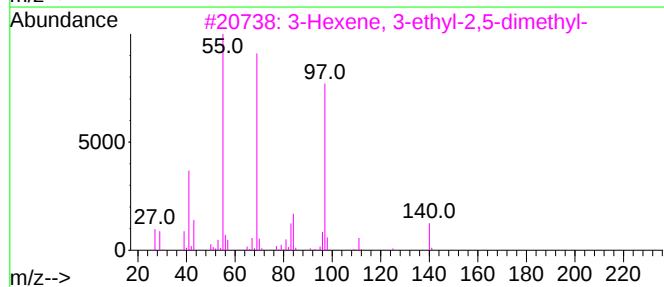
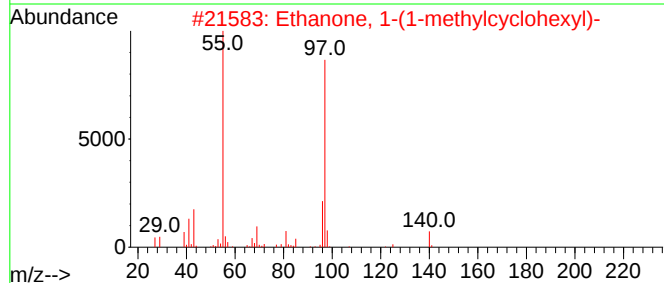
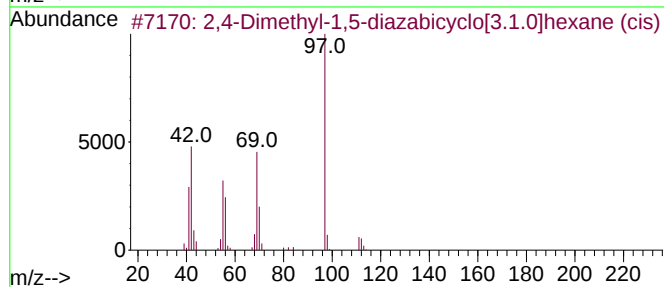
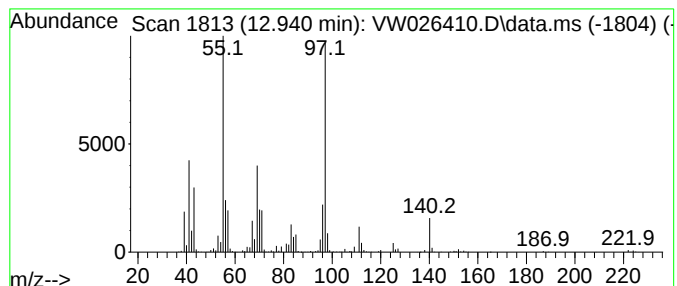
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.940	28.10 ug/L	1014620	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1,5-diazabicyclo[3.4.0]non-2-ene	112	C6H12N2	100463-01-2	52
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	52
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	49
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
5	Cyclohexane, 1-methyl-4-(1-methyl-2-propenyl)-	140	C10H20	006069-98-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

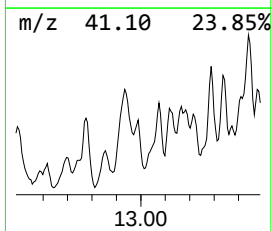
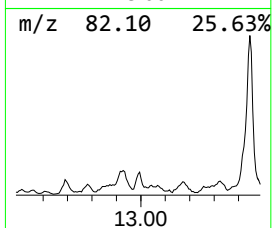
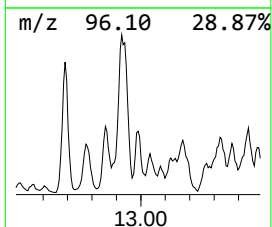
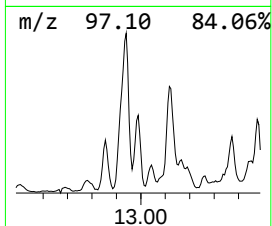
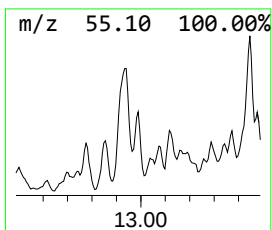
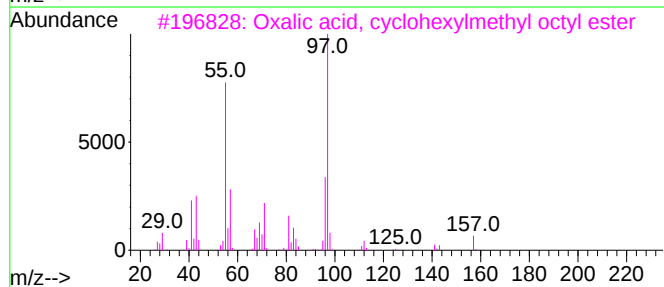
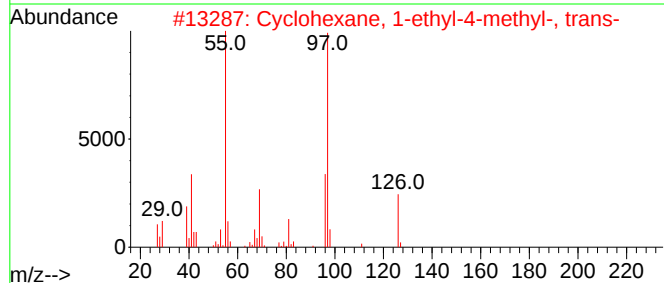
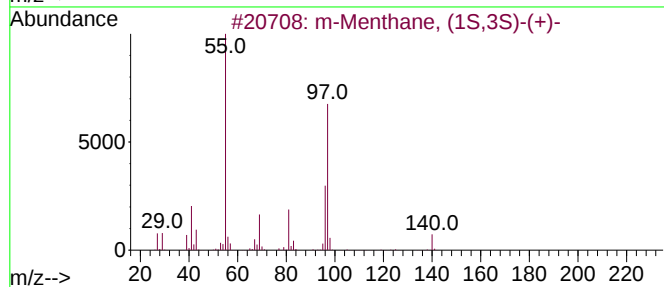
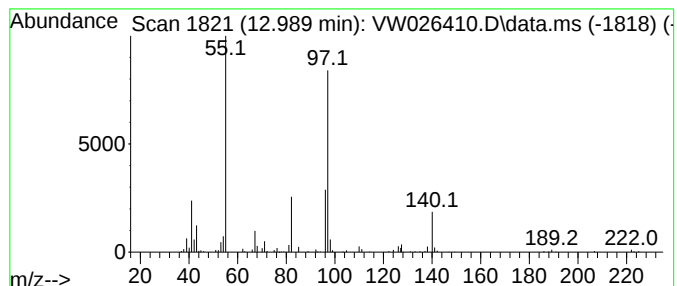
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	7.02 ug/L	253338	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
3			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	59
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
5			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

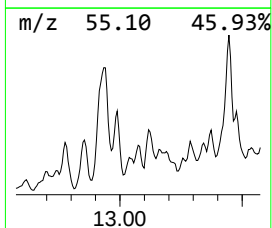
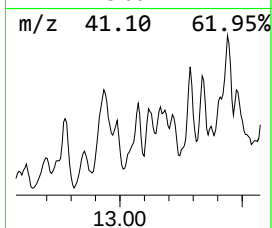
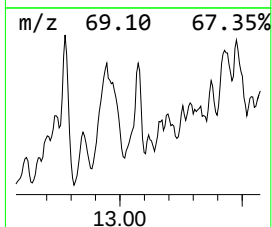
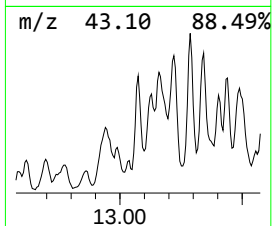
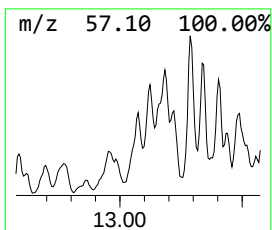
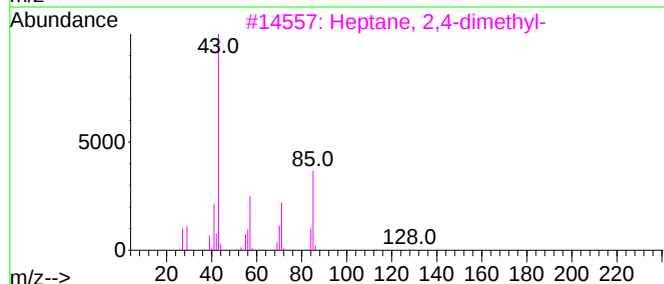
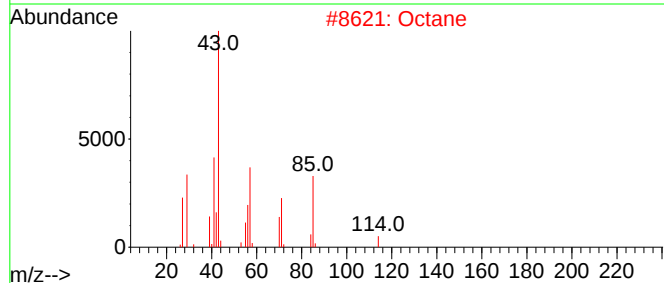
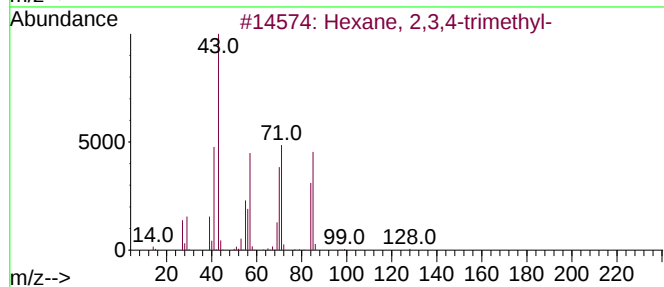
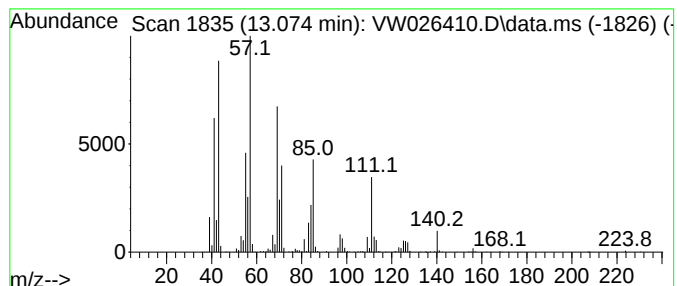
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	12.83 ug/L	463243	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58
2		Octane	114	C8H18	000111-65-9	58
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	46
5		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

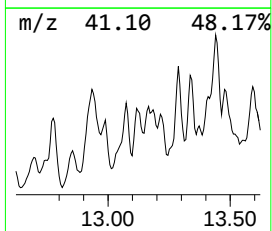
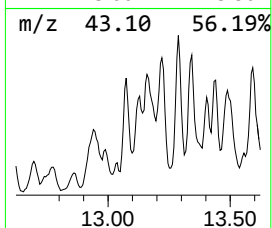
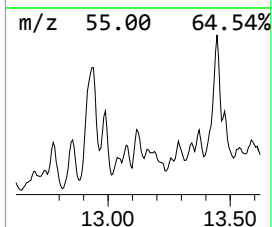
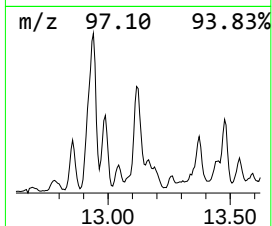
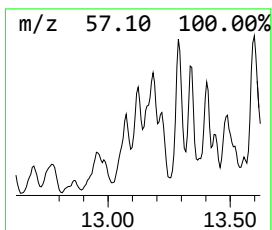
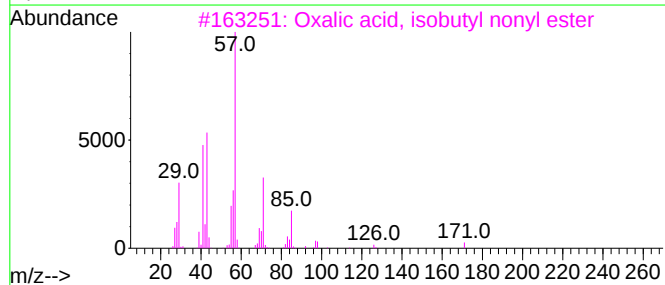
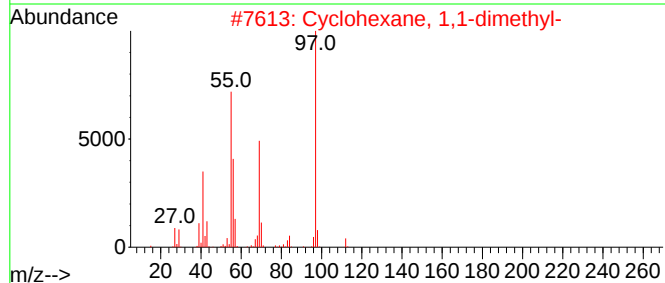
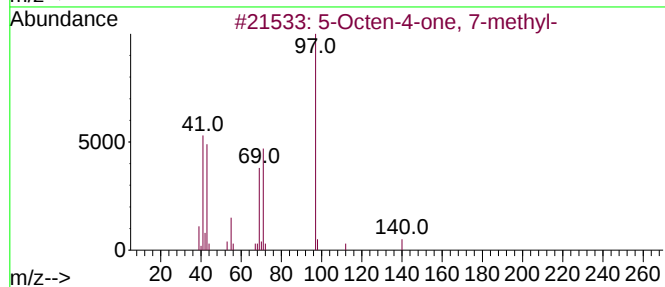
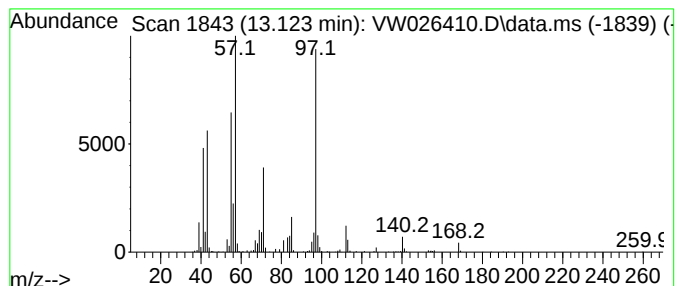
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	7.75 ug/L	279690	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	49
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
3		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38
4		Decane, 2-methyl-	156	C11H24	006975-98-0	38
5		3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

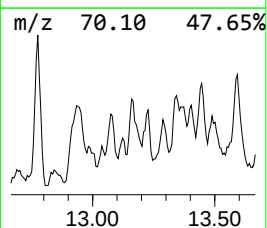
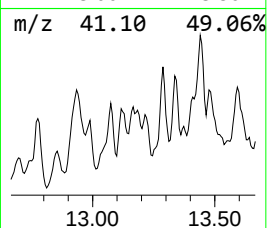
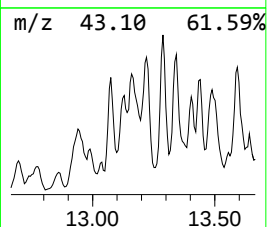
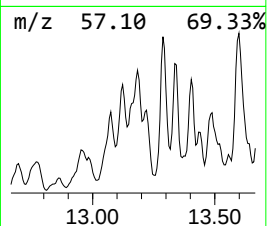
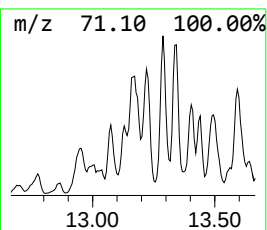
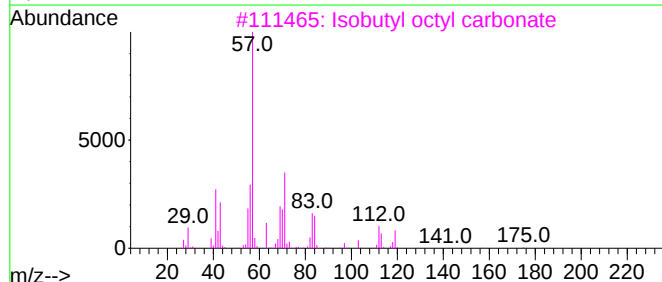
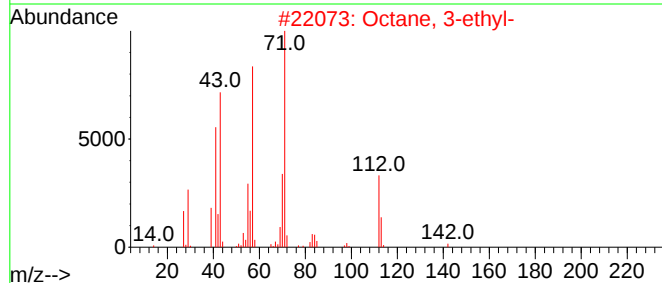
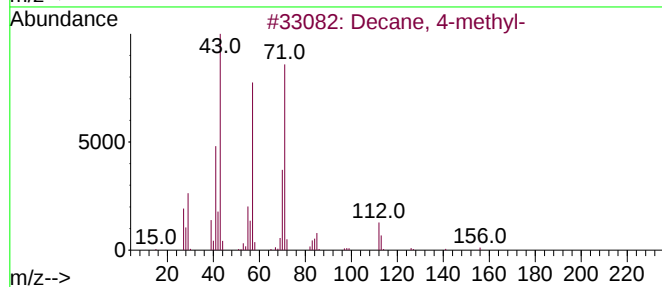
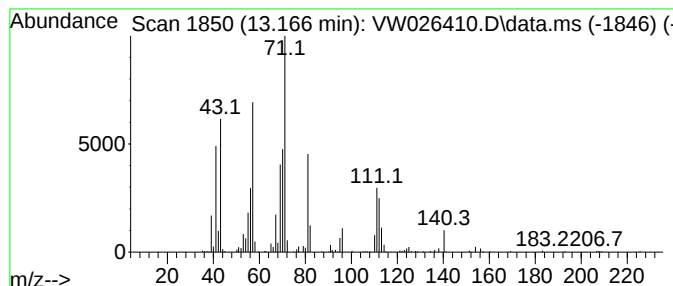
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	4.40 ug/L	158719	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	59
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	59
3			Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	59
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

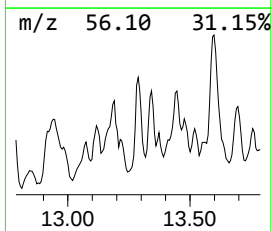
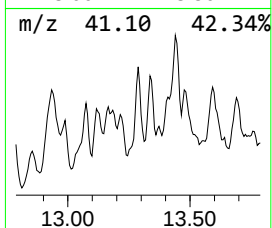
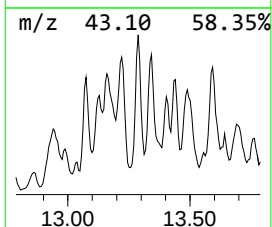
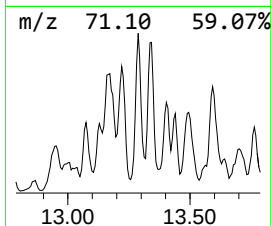
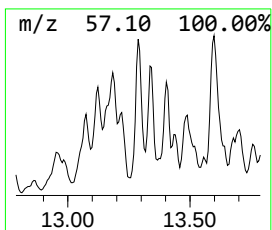
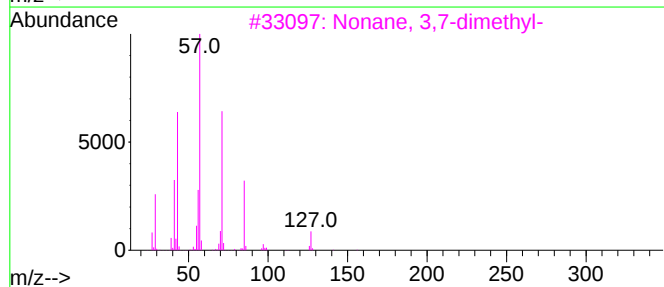
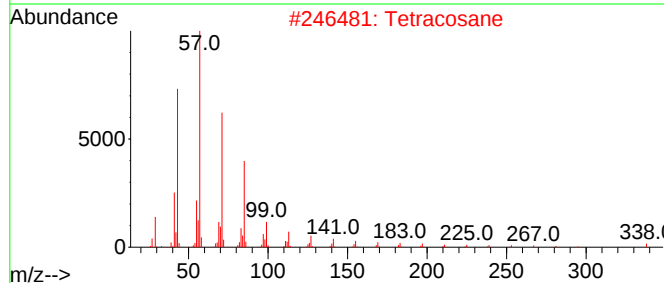
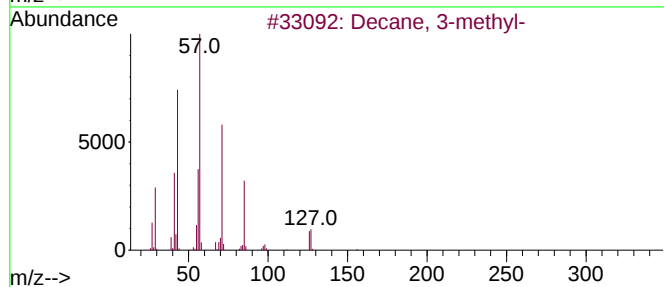
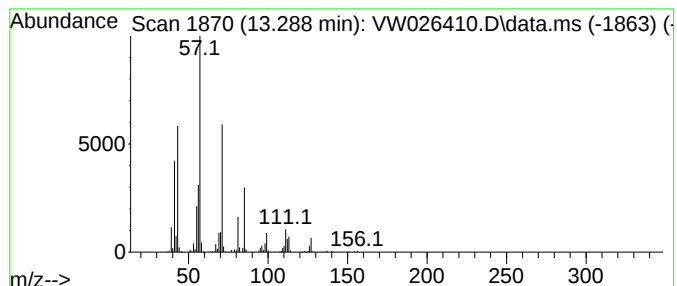
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	15.13 ug/L	546213	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	72
2		Tetracosane	338	C24H50	000646-31-1	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

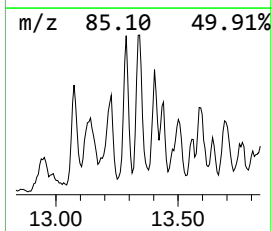
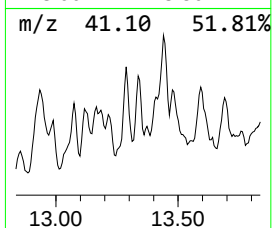
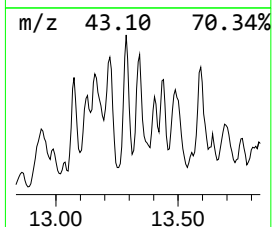
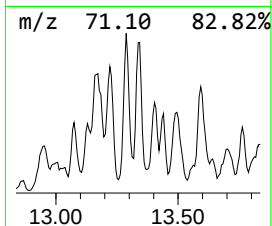
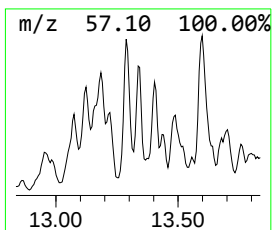
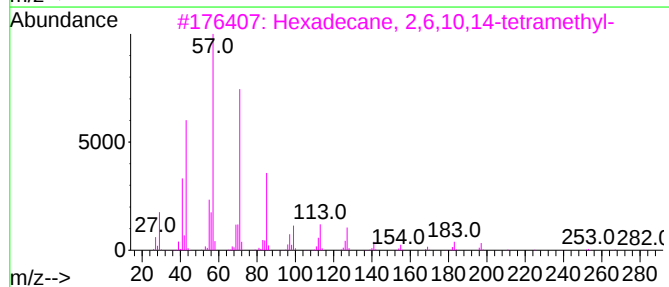
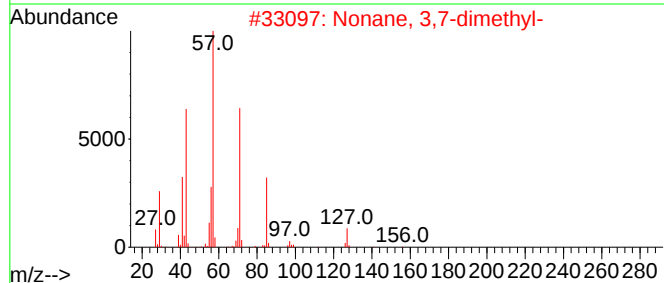
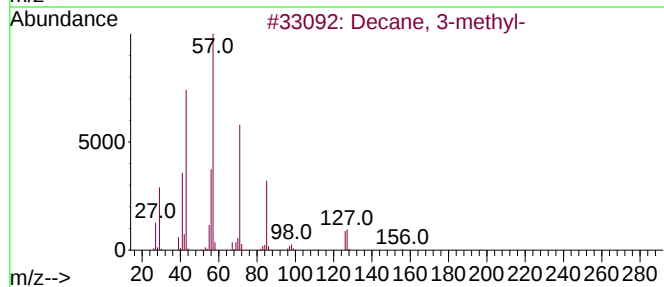
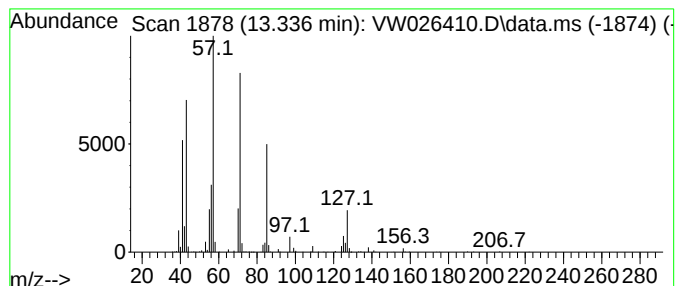
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.336	8.71 ug/L	314461	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	83
2	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	78
3	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	64
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	64
5	Eicosyl octyl ether		410	C28H58O	1000406-38-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

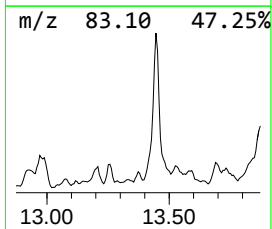
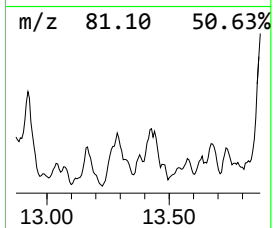
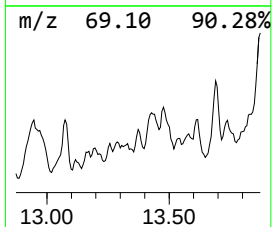
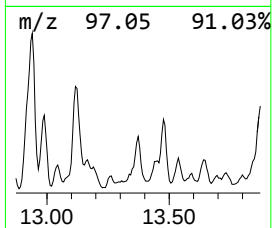
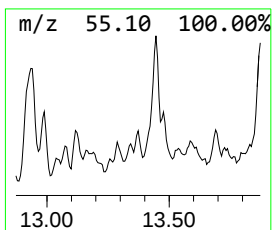
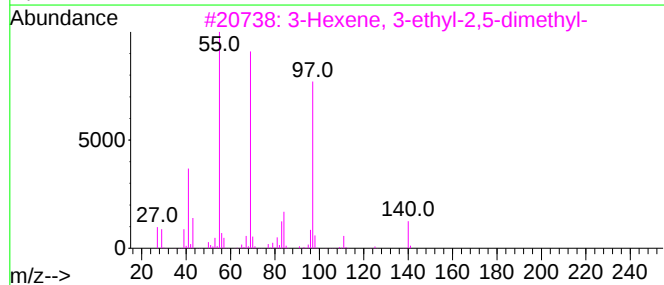
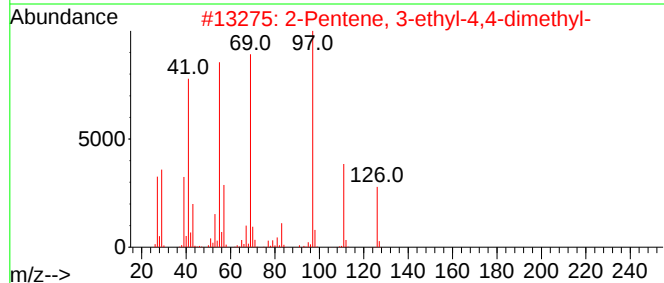
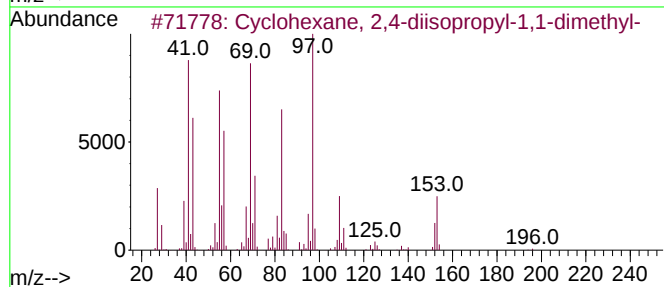
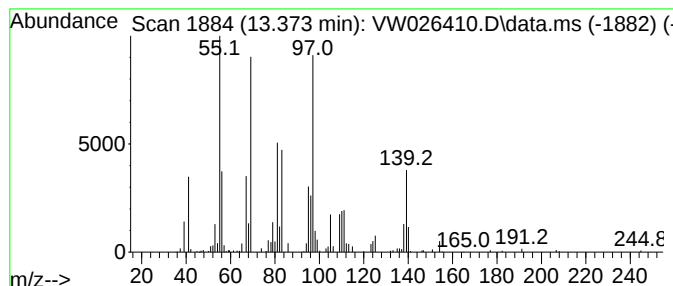
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic13.373 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	1.51 ug/L	54418	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	53
2			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	47
3			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	47
4			4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	43
5			Cyclopentanecarboxylic acid, 2-p...	324	C21H40O2	1010280-59-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

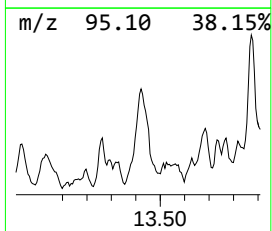
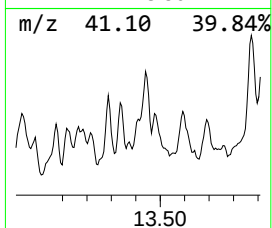
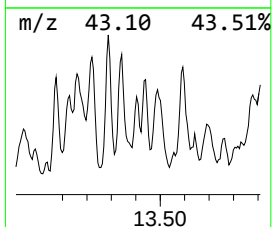
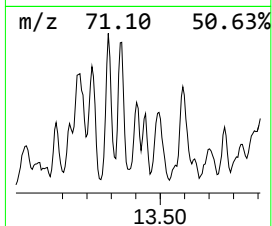
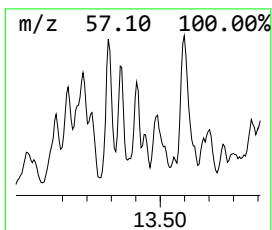
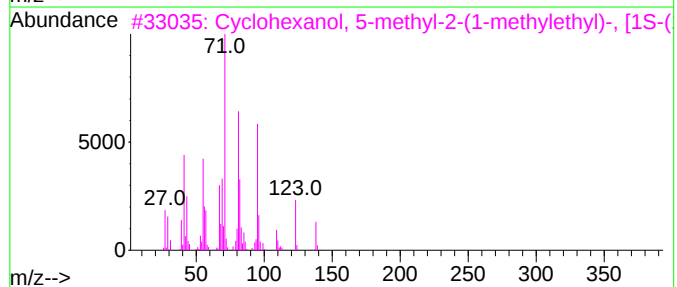
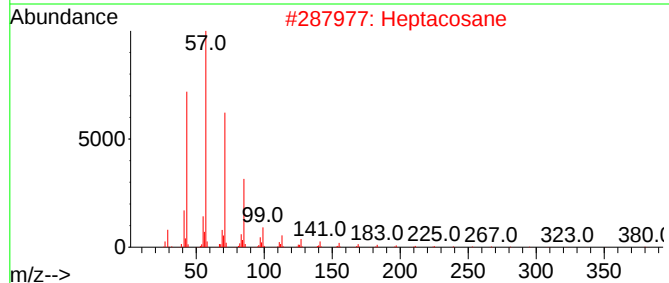
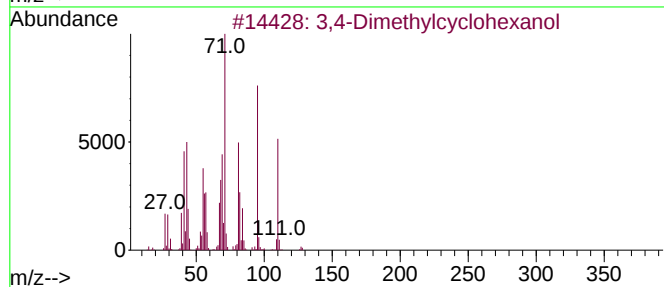
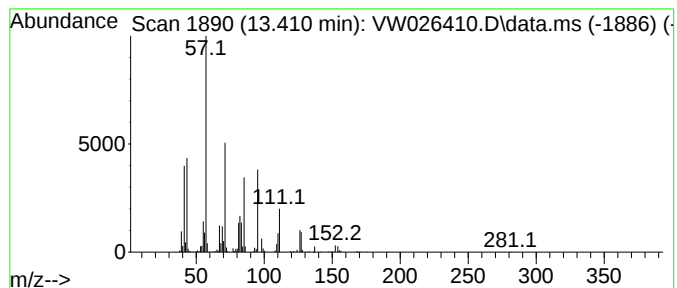
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 unknown-03 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	4.99 ug/L	180006	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	38
2			Heptacosane	380	C27H56	000593-49-7	38
3			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	38
4			3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	38
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW0626410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

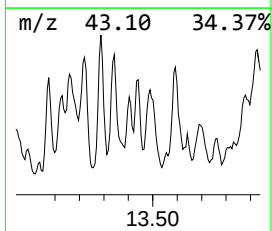
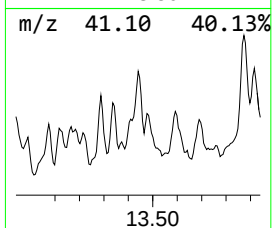
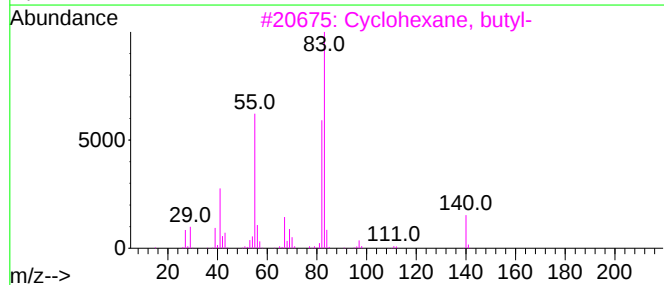
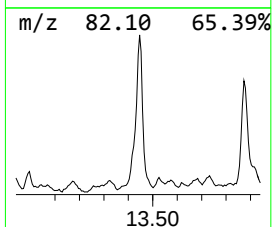
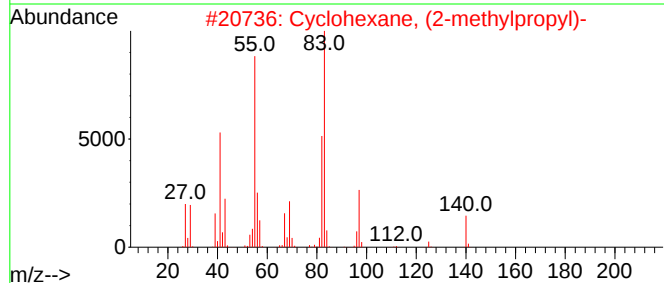
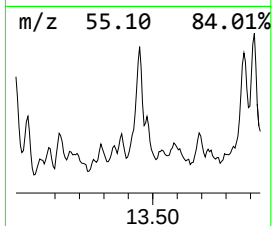
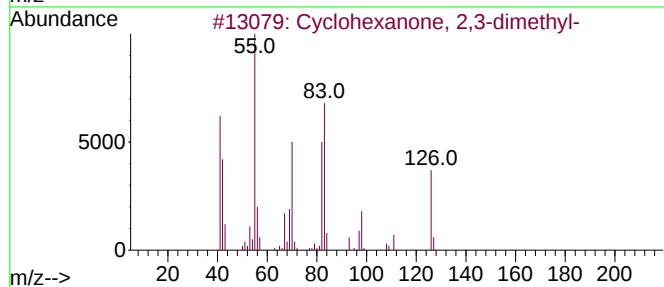
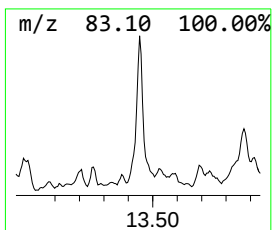
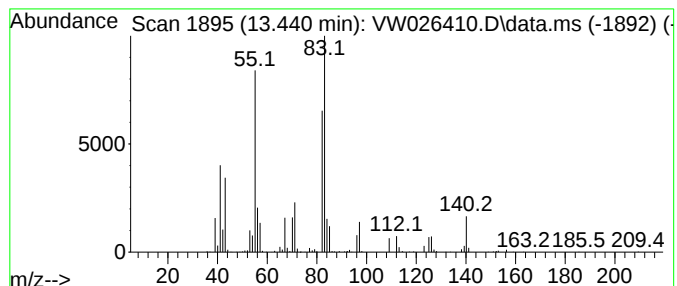
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 Cyclohexanone, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	15.85 ug/L	572197	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	74
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5			Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

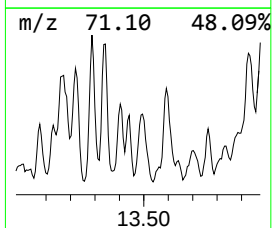
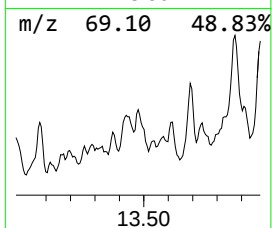
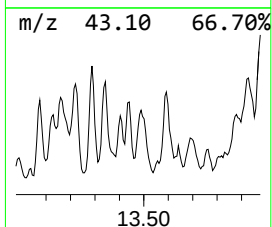
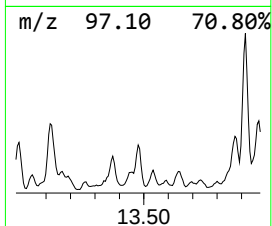
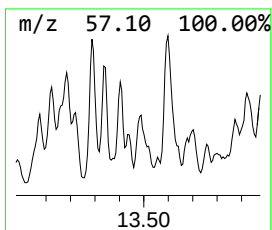
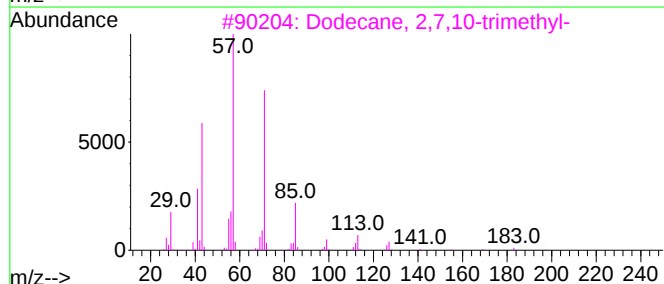
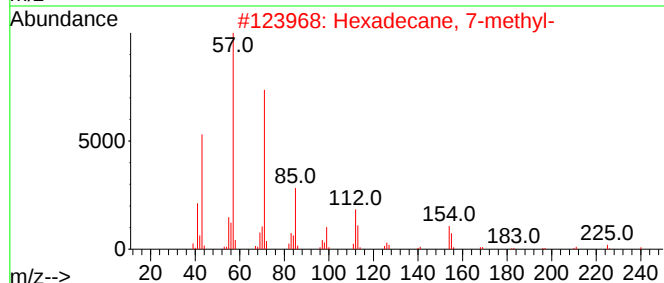
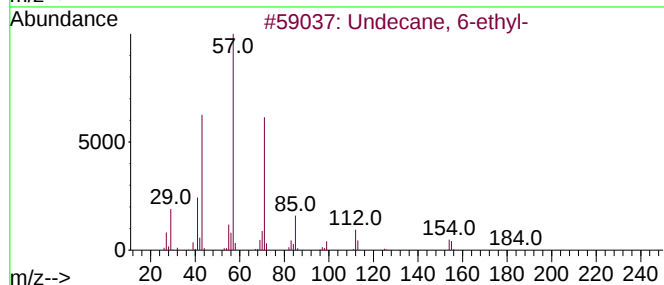
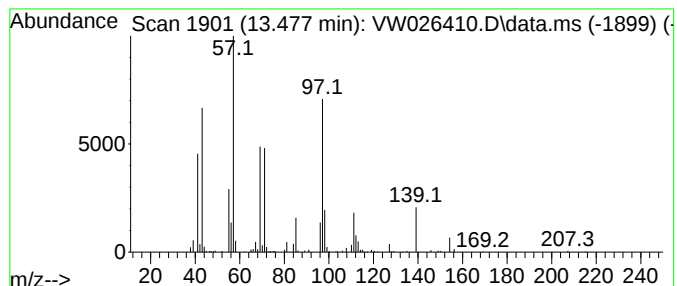
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	7.58 ug/L	273750	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	27
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	27
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	27
4			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	27
5			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

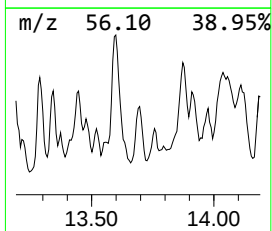
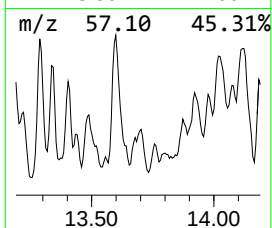
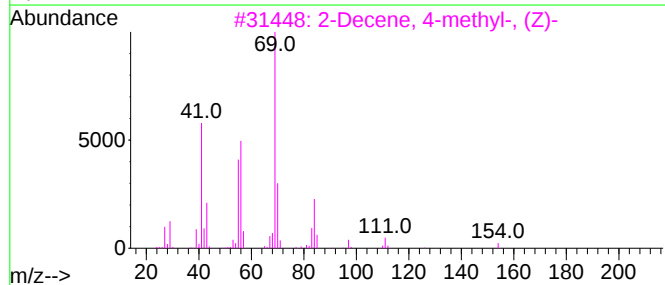
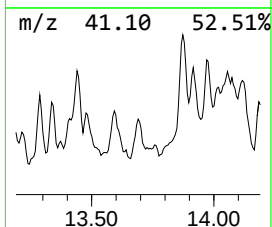
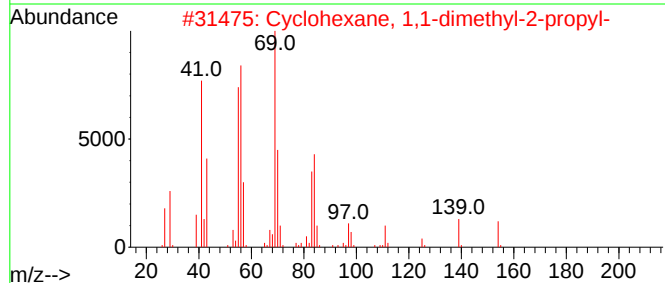
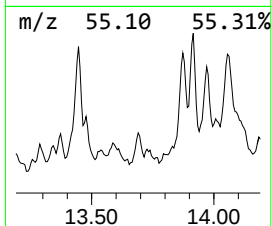
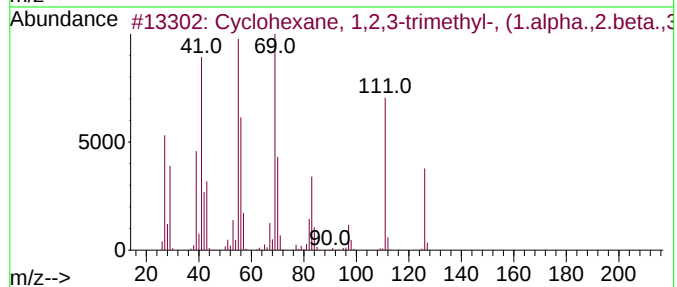
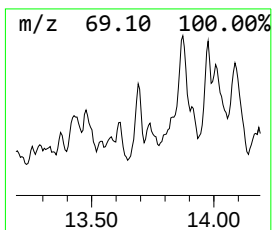
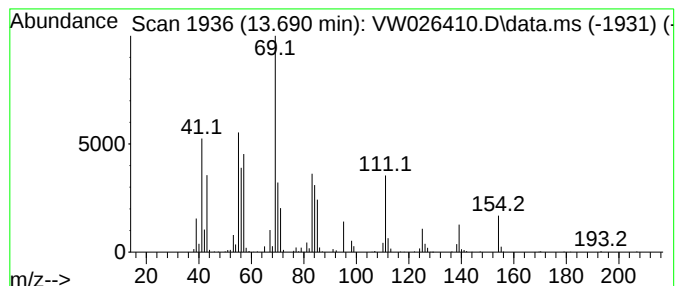
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Cyclic13.690 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	10.06 ug/L	363241	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	64
2			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	60
3			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

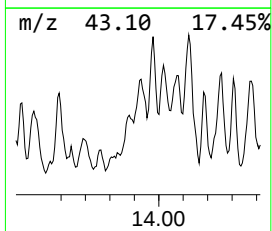
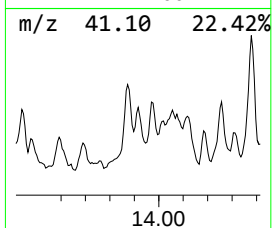
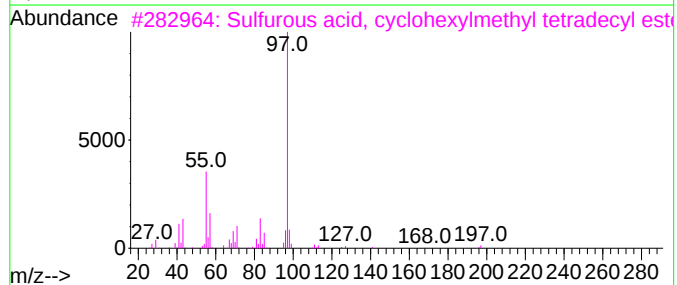
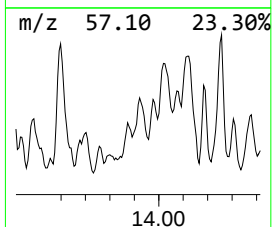
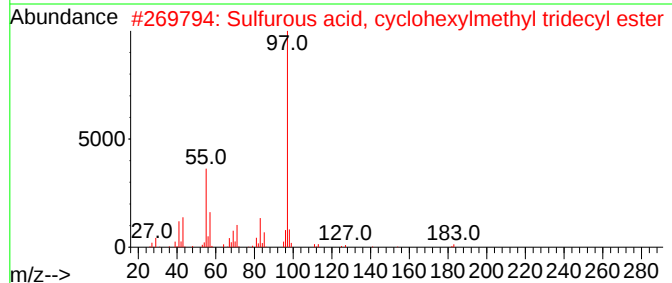
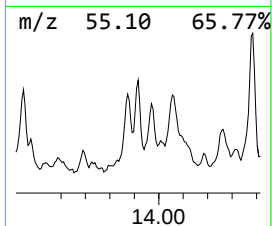
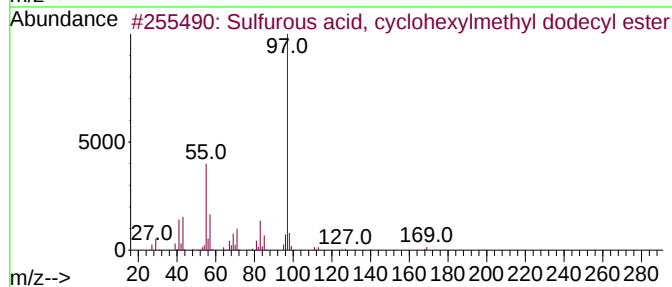
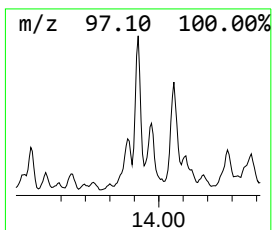
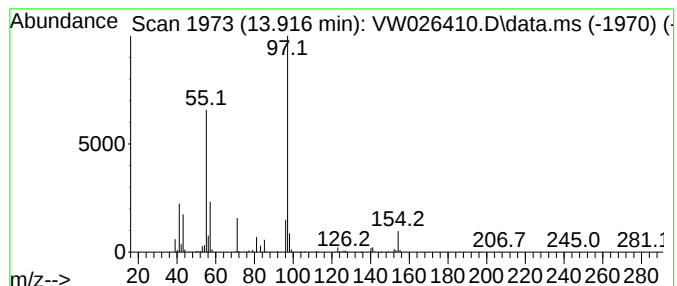
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 35 Sulfurous acid, cyclohexylm... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	12.69 ug/L	458244	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	64
2			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
3			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
5			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

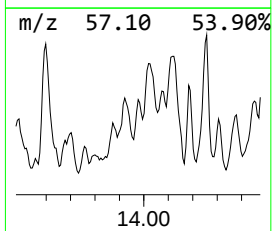
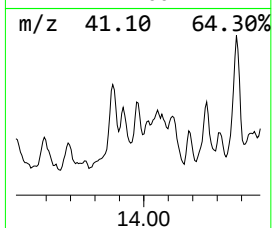
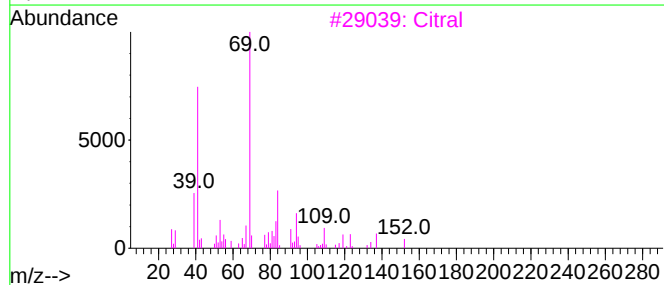
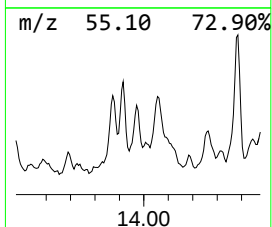
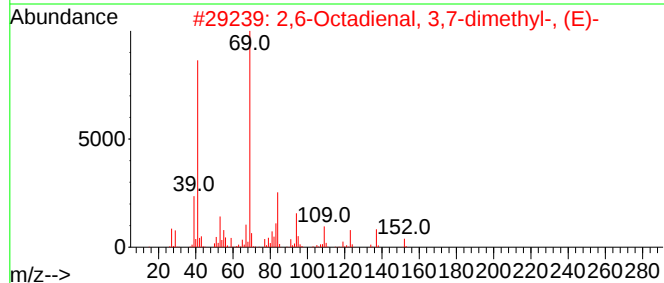
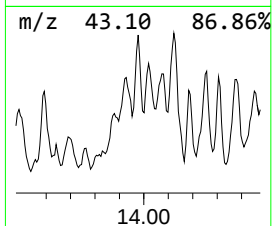
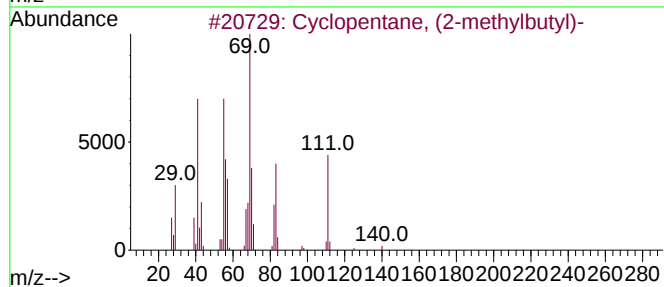
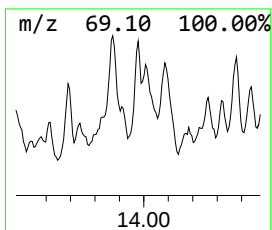
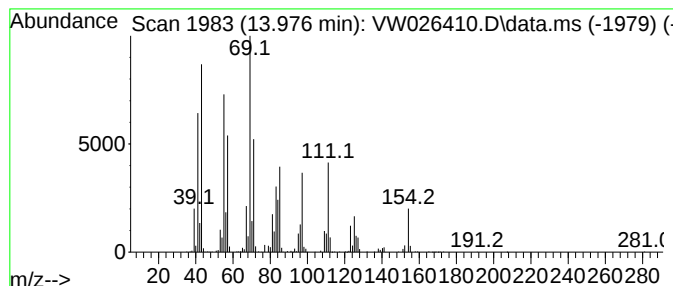
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Cyclic13.977 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	12.41 ug/L	448080	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
2			2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	30
3			Citral	152	C10H16O	005392-40-5	30
4			Citral	152	C10H16O	005392-40-5	30
5			Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

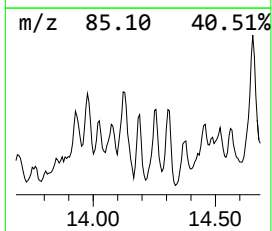
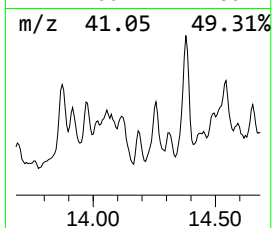
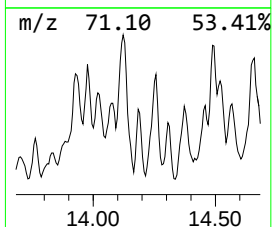
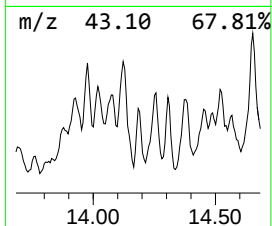
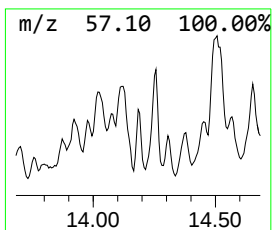
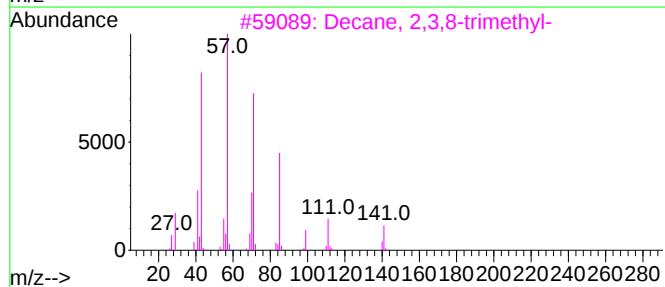
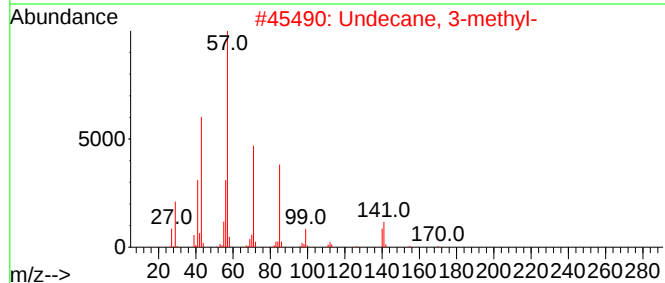
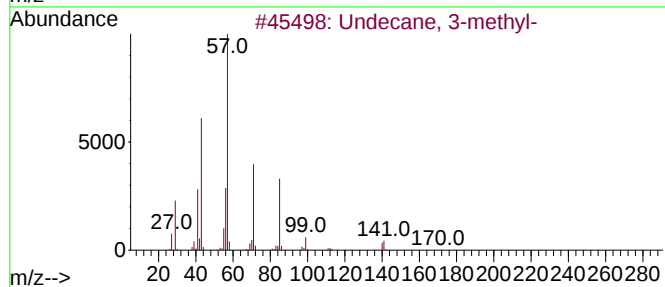
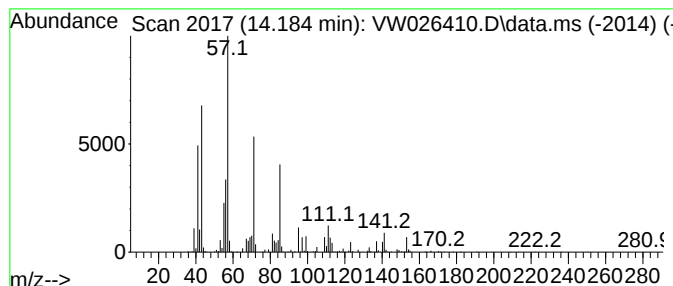
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.184	9.73 ug/L	351178	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	72
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	68
3	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	64
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	52
5	Tridecane, 7-propyl-		226	C16H34	055045-09-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

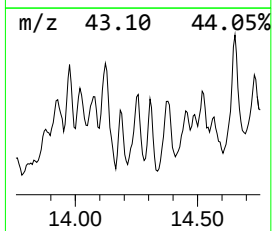
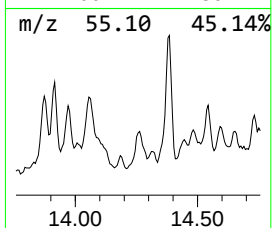
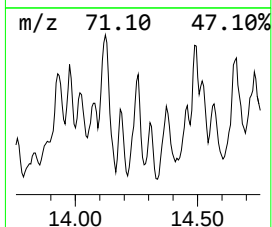
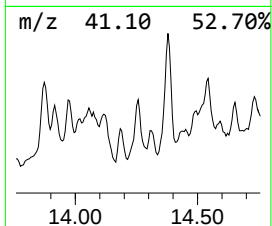
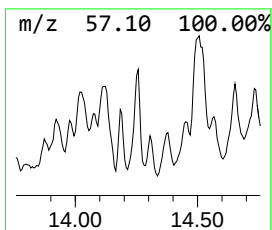
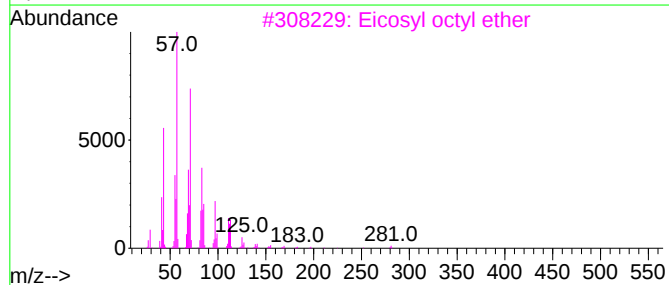
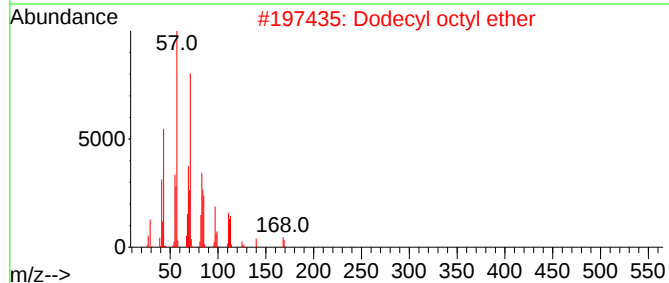
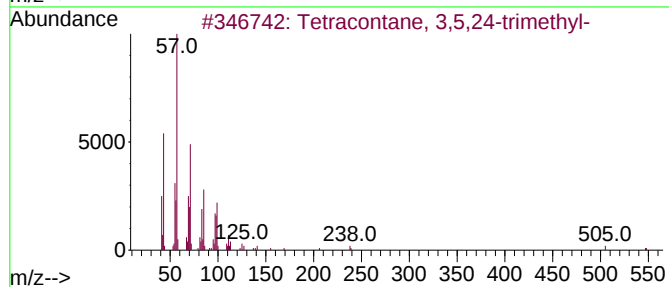
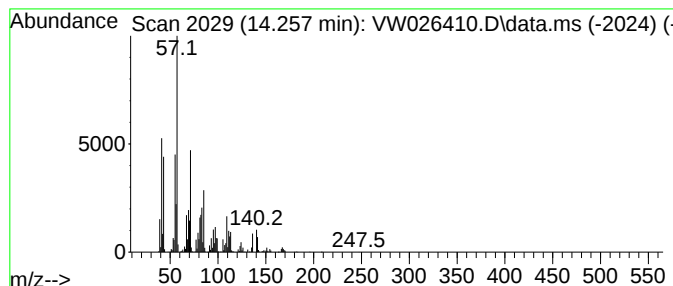
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	19.51 ug/L	704223	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
2			Dodecyl octyl ether	298	C20H42O	1000406-38-4	58
3			Eicosyl octyl ether	410	C28H58O	1000406-38-8	50
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	47
5			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

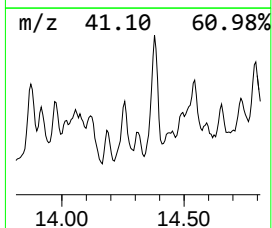
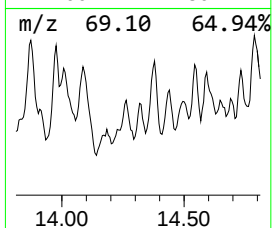
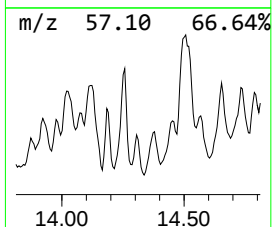
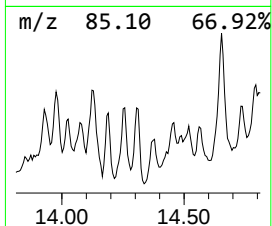
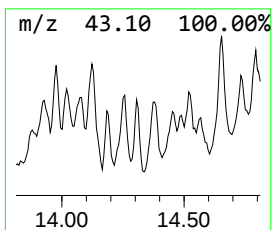
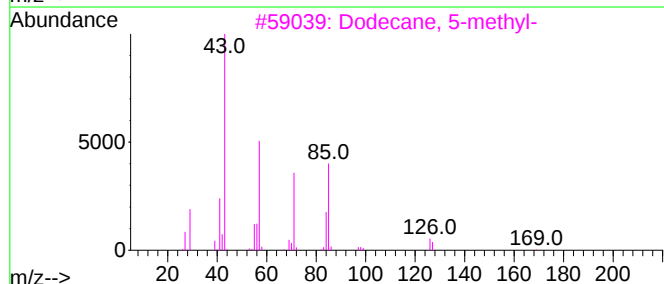
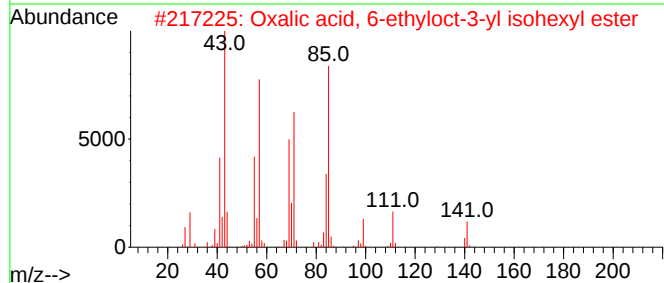
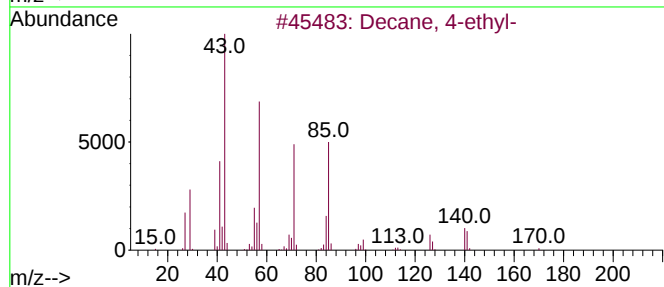
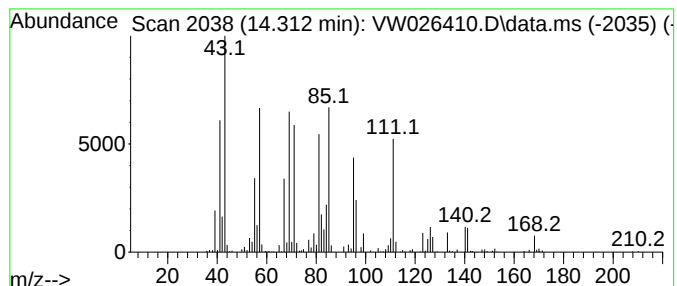
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	7.17 ug/L	258749	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	49
2			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	38
3			Dodecane, 5-methyl-	184	C13H28	017453-93-9	35
4			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	27
5			5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

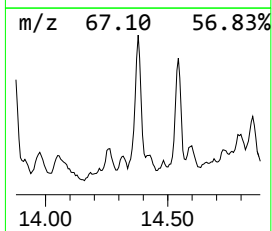
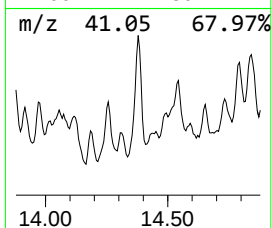
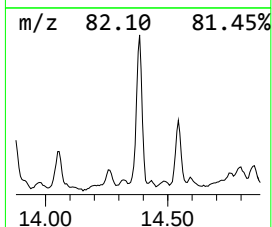
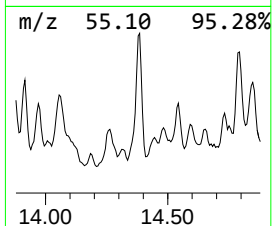
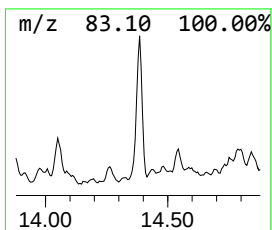
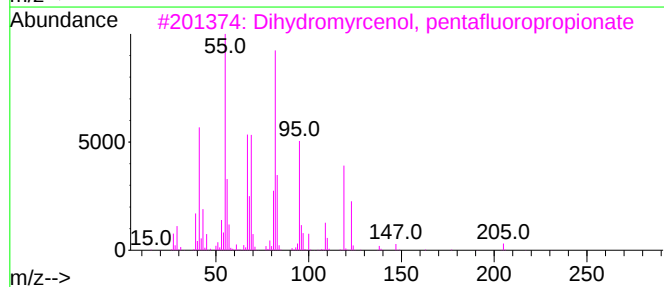
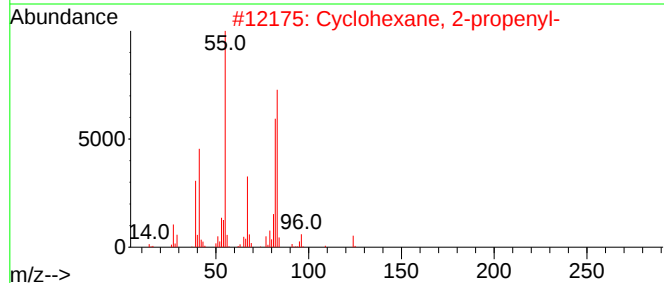
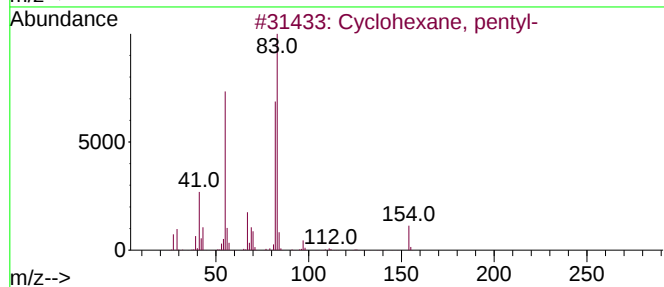
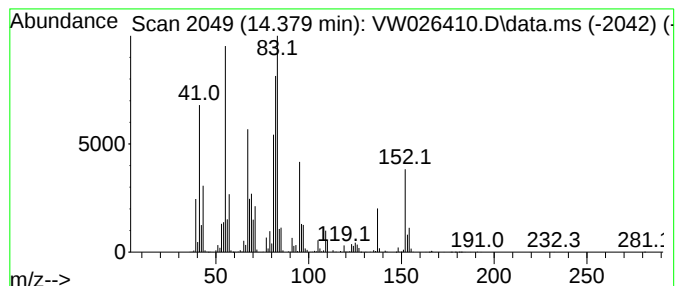
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Cyclic14.379 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	50.98 ug/L	1840780	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	49
3			Dihydromyrcenol, pentafluoroprop...	302	C13H19F5O2	1000463-72-1	49
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5			Dihydromyrcenol, trifluoroacetate	252	C12H19F3O2	1000463-72-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

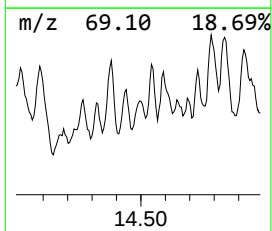
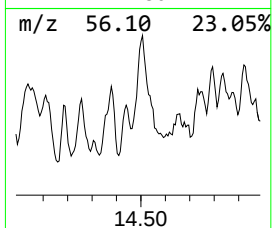
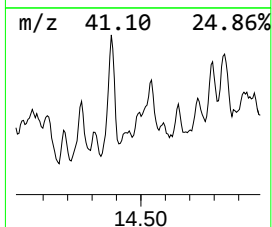
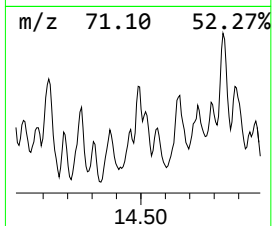
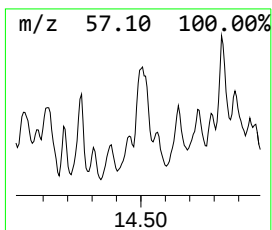
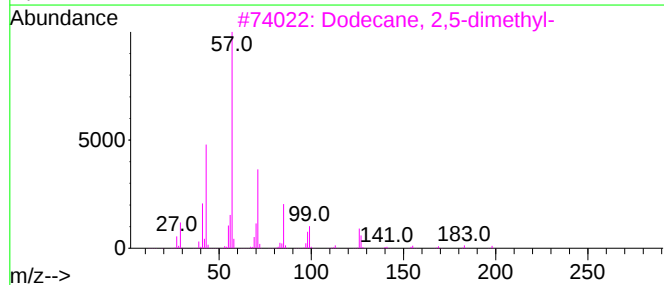
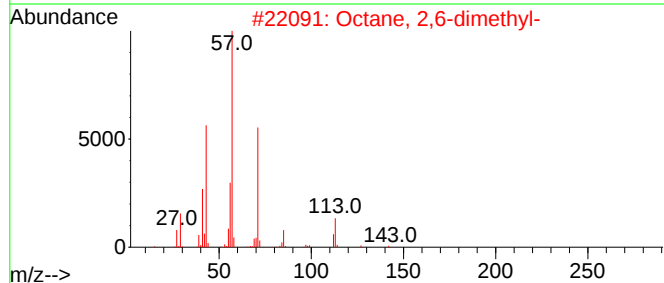
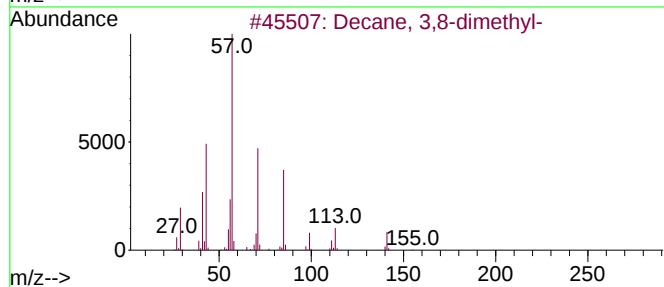
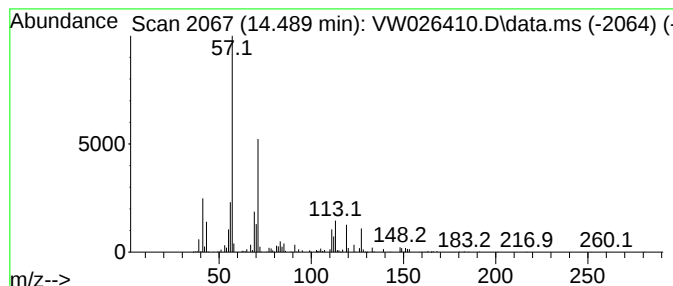
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	7.62 ug/L	275201	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	47
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

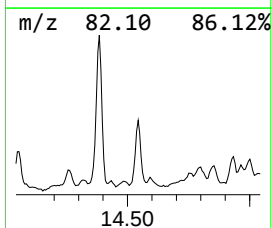
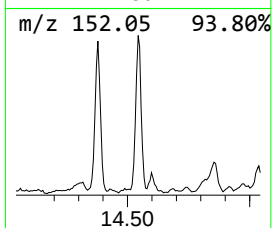
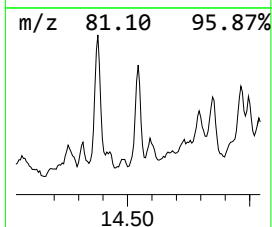
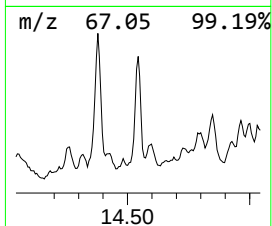
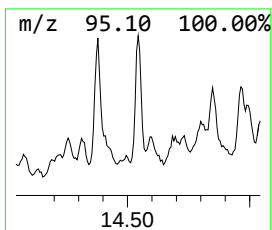
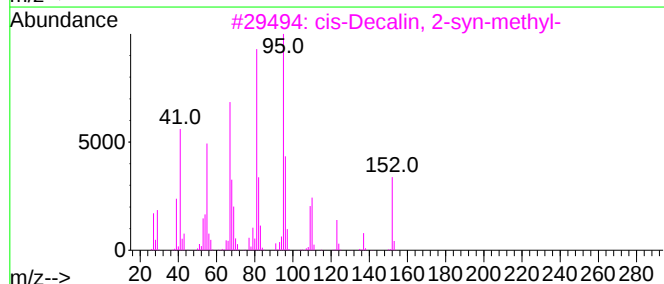
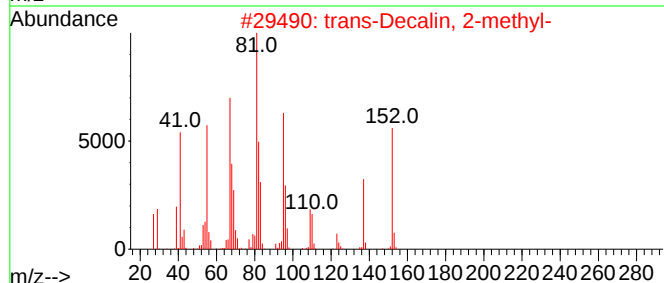
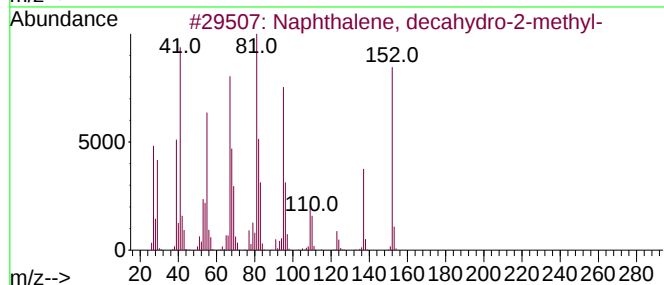
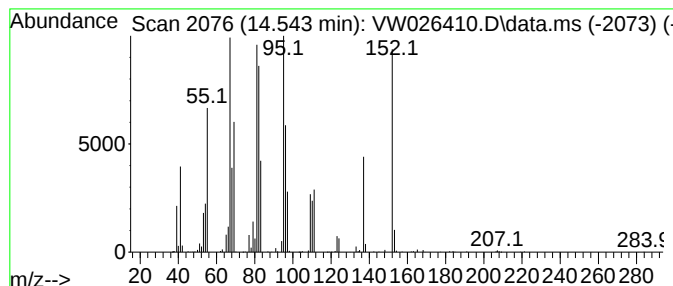
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	18.72 ug/L	676025	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

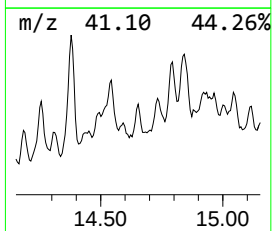
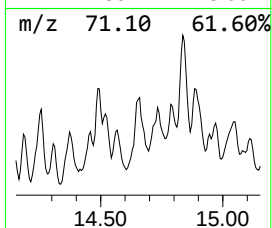
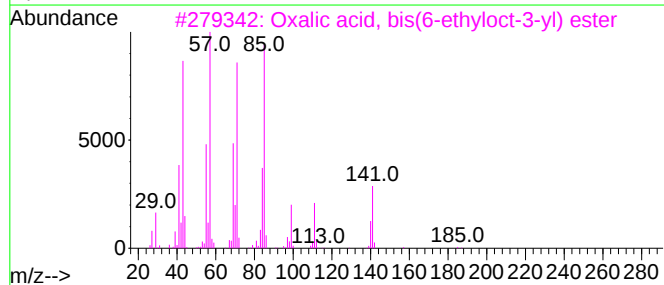
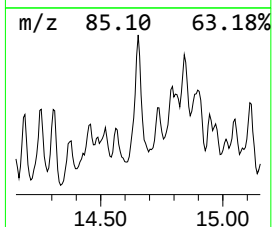
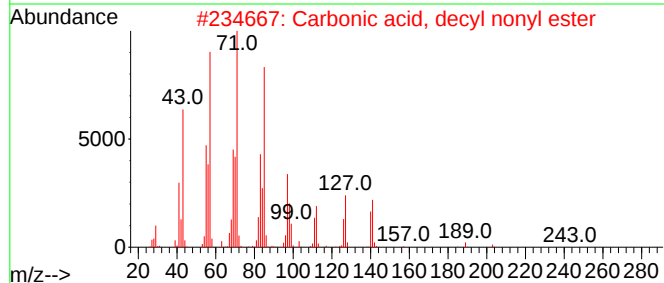
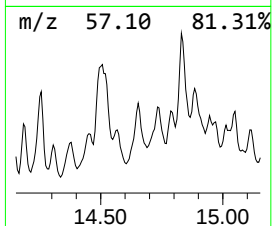
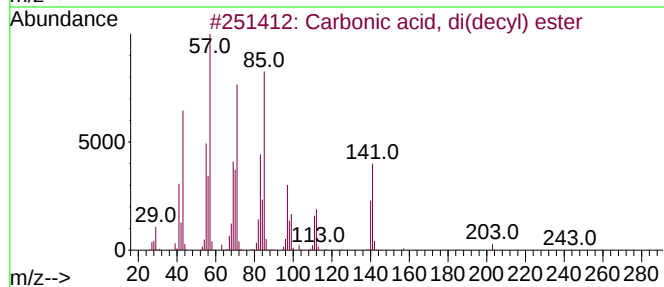
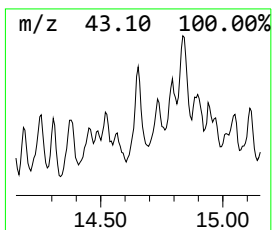
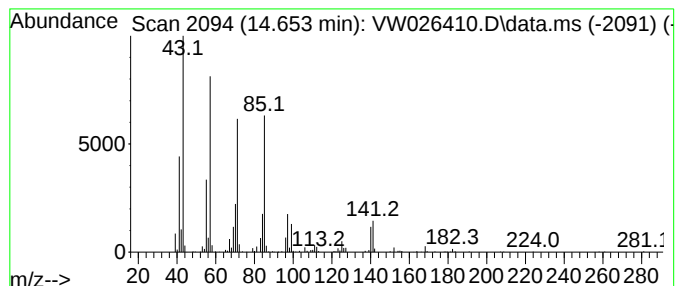
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 43 Carbonic acid, di(decyl) ester Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.653	6.72 ug/L	242728	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, di(decyl) ester		342	C21H42O3	1000383-15-9	83
2	Carbonic acid, decyl nonyl ester		328	C20H40O3	1000383-15-8	72
3	Oxalic acid, bis(6-ethyloct-3-yl...		370	C22H42O4	1000309-34-6	72
4	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	53
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

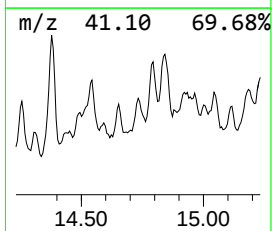
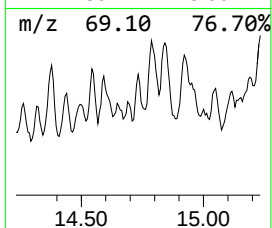
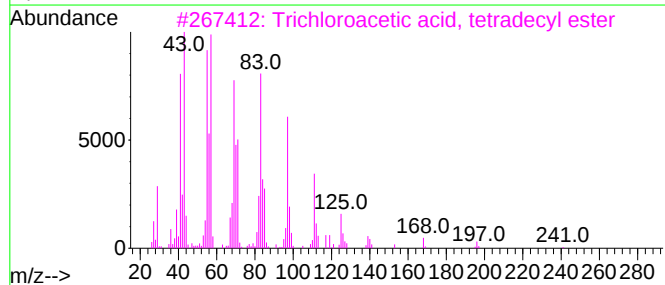
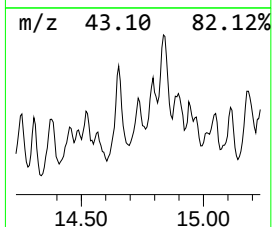
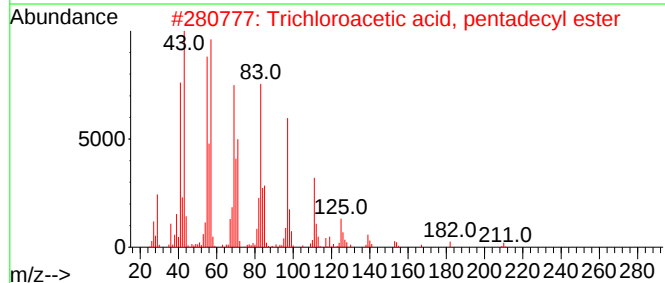
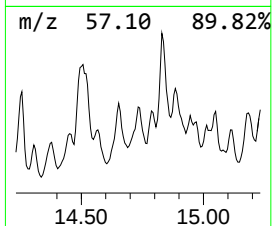
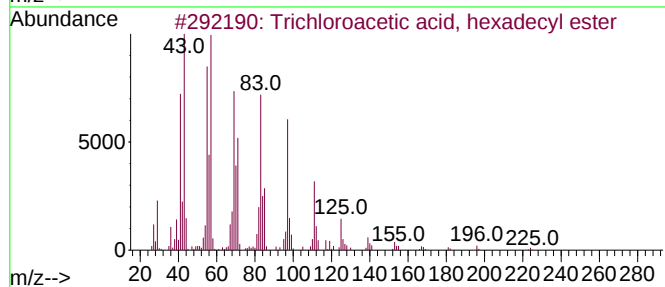
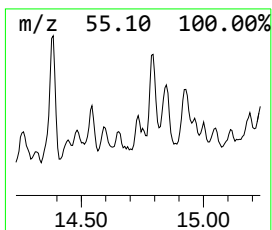
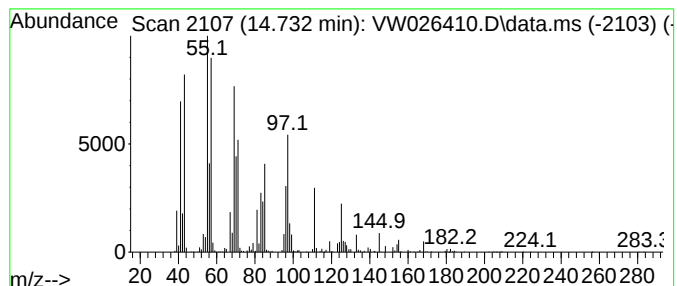
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 Trichloroacetic acid, hexad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	13.72 ug/L	495182	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80
3			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	80
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	80
5			1-Hexadecanol	242	C16H34O	036653-82-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

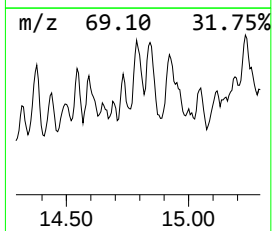
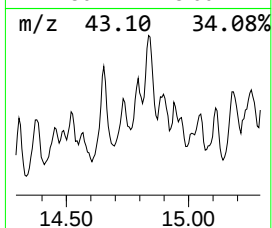
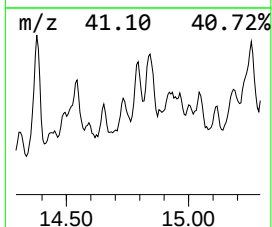
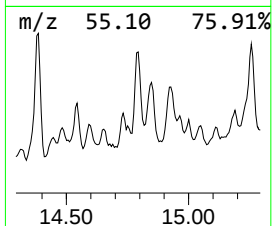
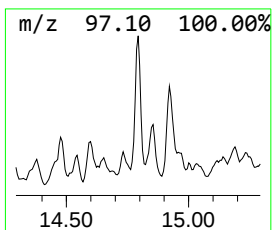
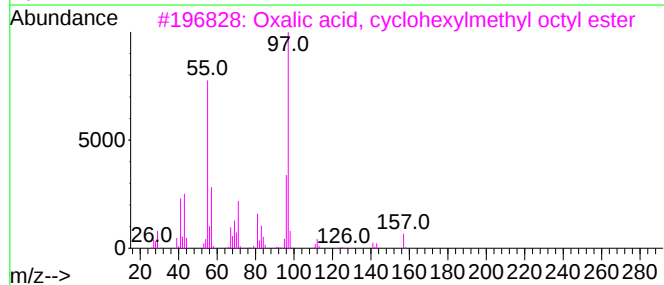
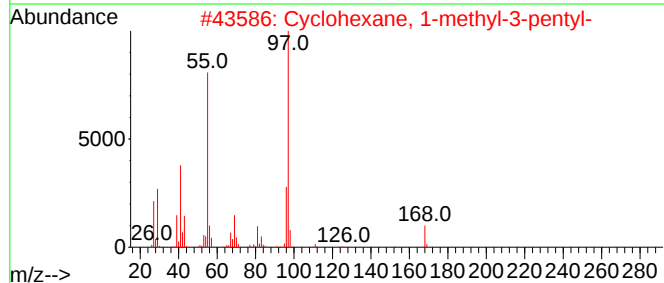
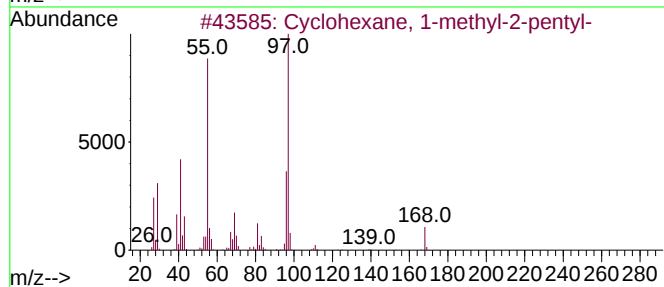
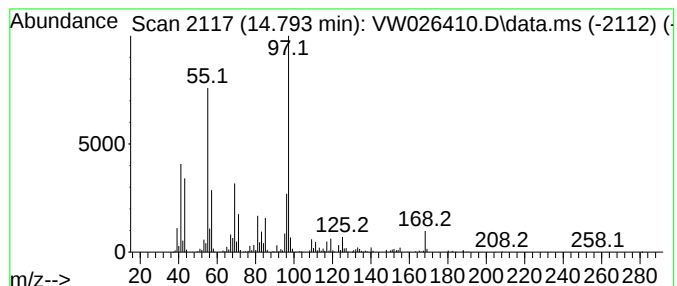
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Cyclic14.793 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	26.66 ug/L	962543	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	72
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	72
3			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	64
4			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	64
5			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

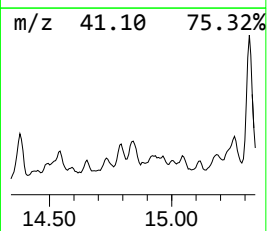
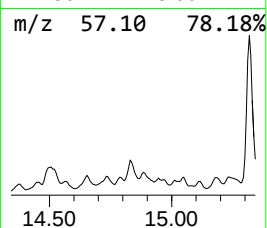
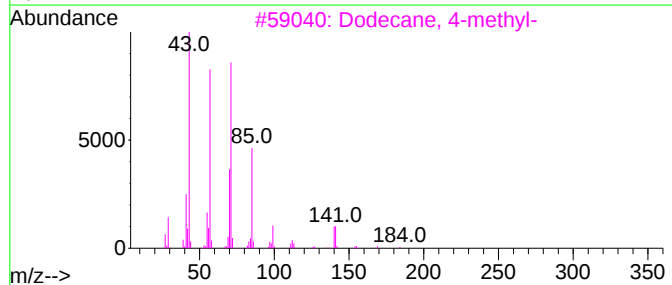
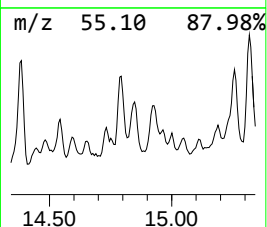
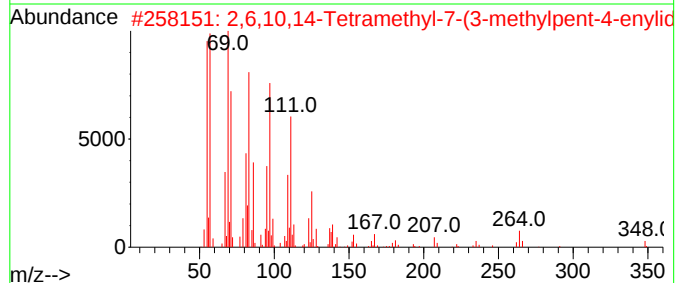
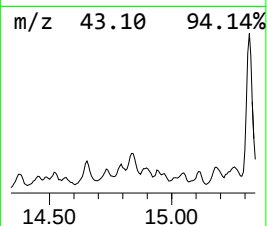
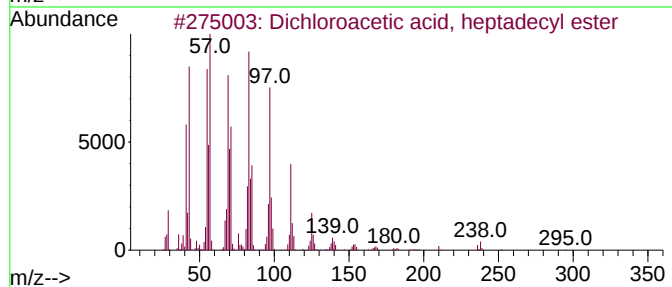
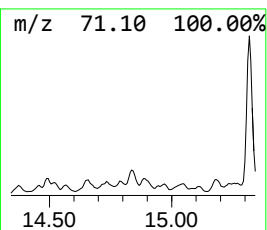
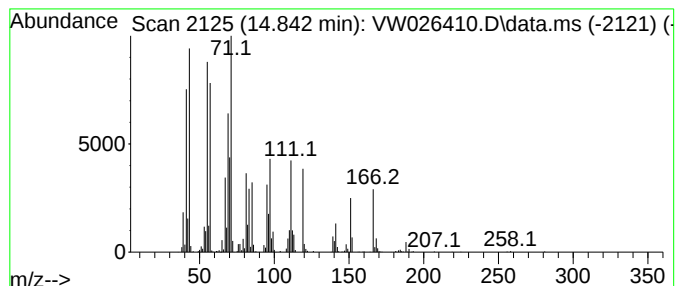
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 46 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	29.93 ug/L	1080760	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	27
2			2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	27
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	25
4			3-Ethyl-6-trifluoroacetoxystane	254	C12H21F3O2	1010215-97-3	22
5			1-Heneicosanol	312	C21H44O	015594-90-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

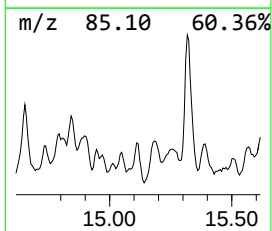
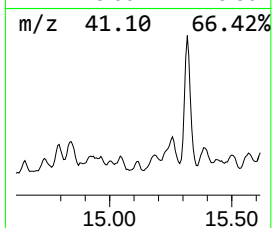
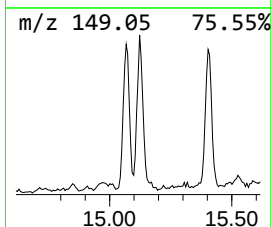
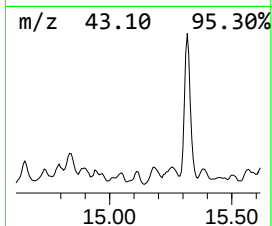
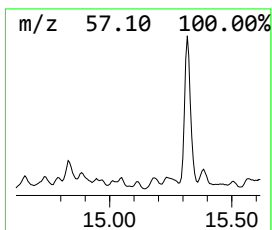
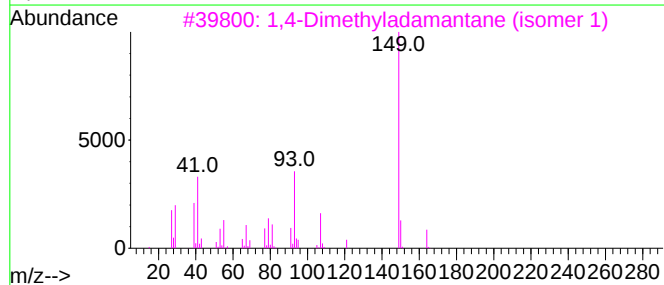
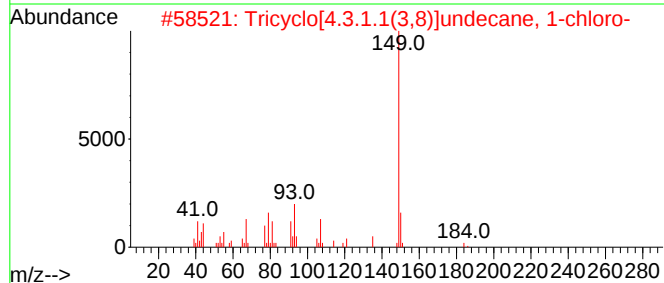
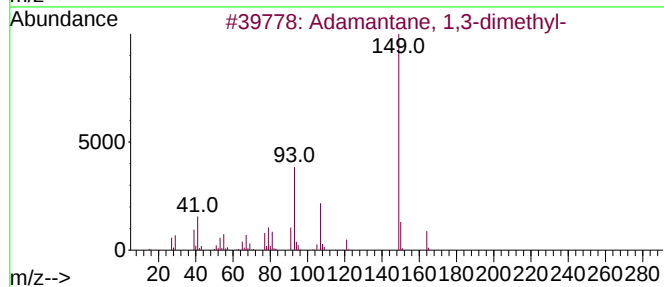
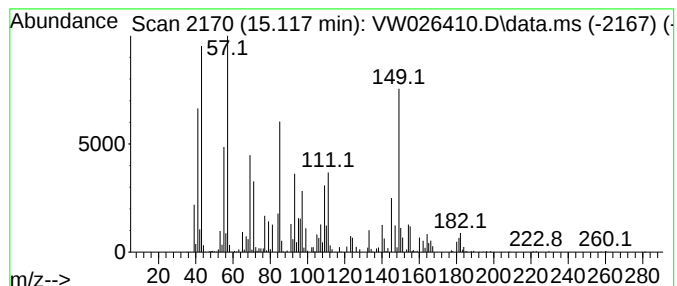
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 47 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	5.64 ug/L	203579	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	38
2			Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	38
3			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	30
4			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	30
5			Added stereo to name	164	C12H20	024145-88-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

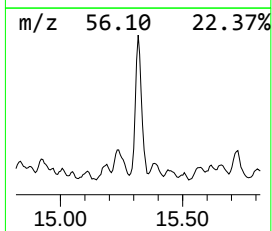
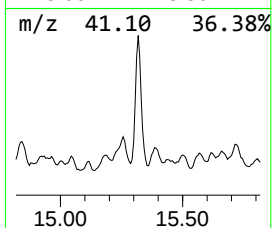
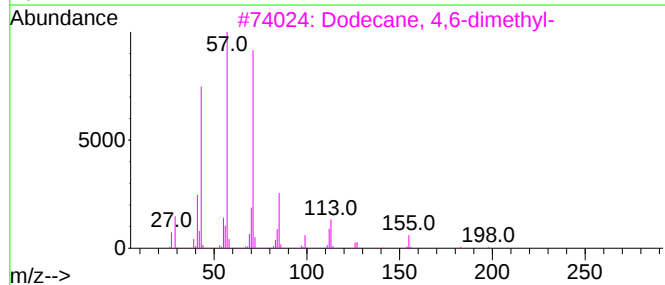
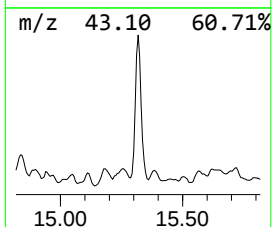
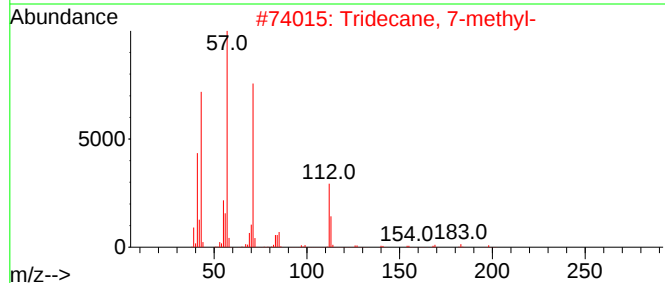
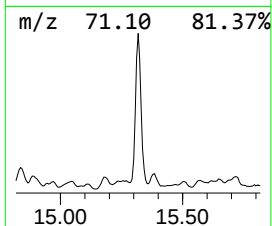
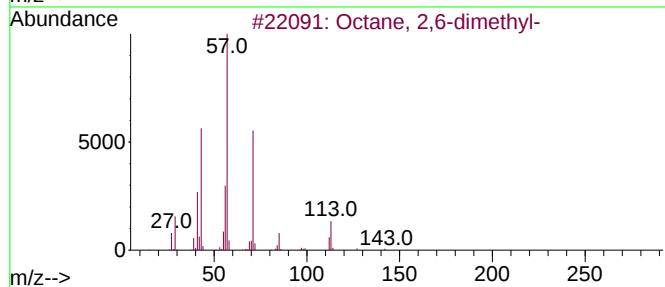
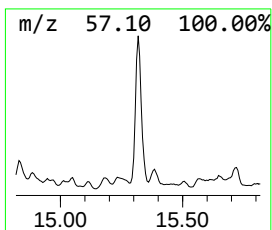
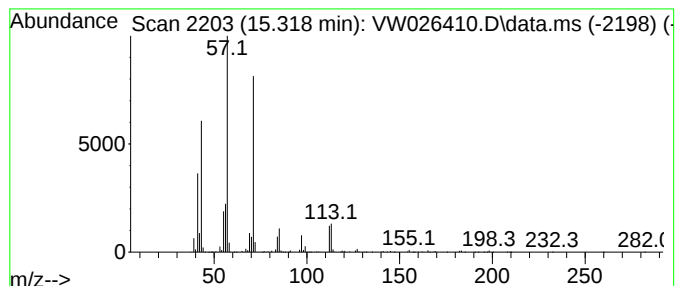
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	109.00 ug/L	3935390	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

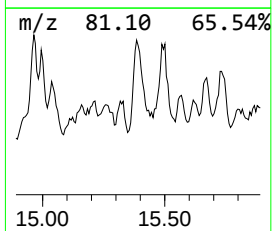
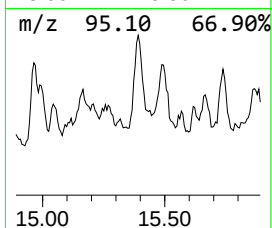
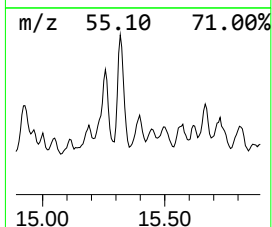
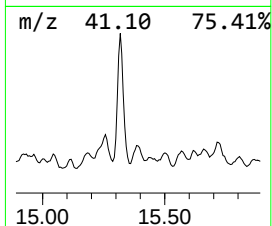
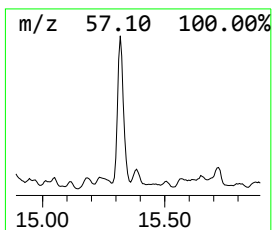
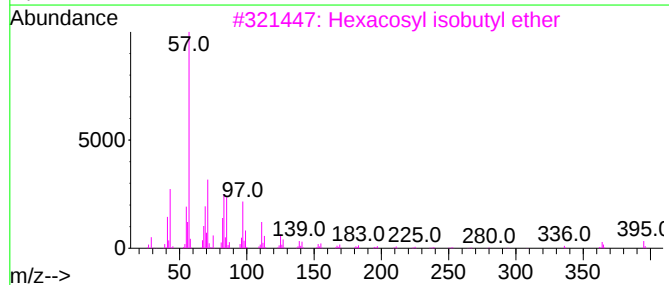
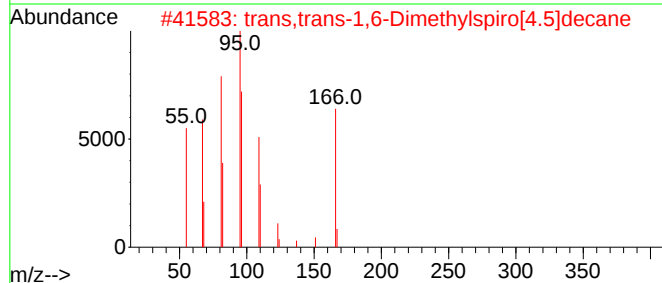
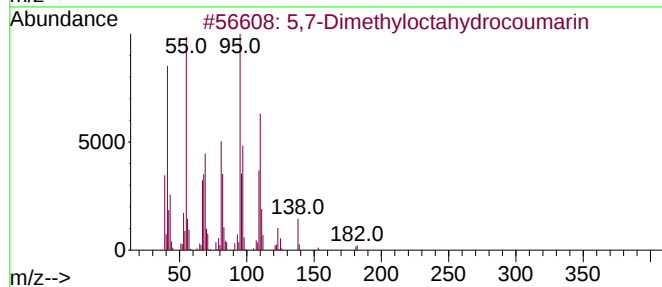
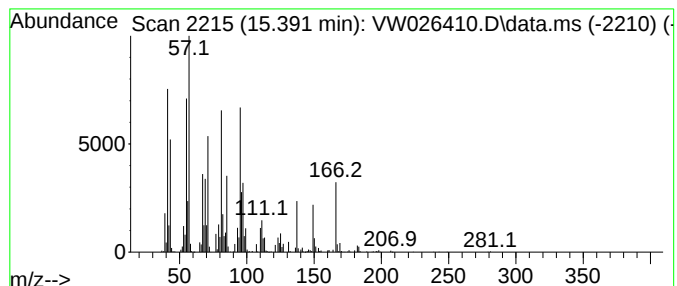
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 49 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	22.68 ug/L	818947	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	38
2			trans,trans-1,6-Dimethylspiro[4.5]decane	166	C12H22	1000111-72-1	30
3			Hexacosyl isobutyl ether	438	C30H62O	1000406-33-3	30
4			trans,cis-1,7-Dimethylspiro[4.5]decane	166	C12H22	1010111-72-7	30
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

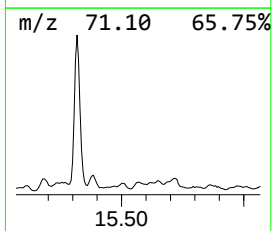
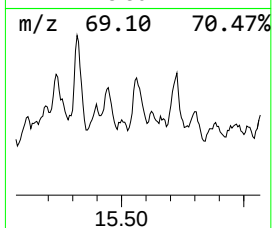
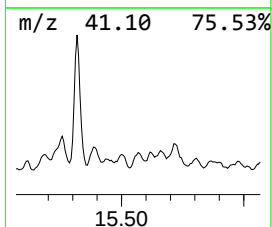
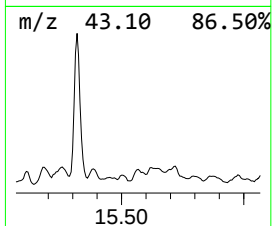
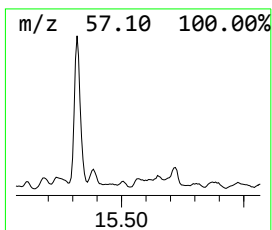
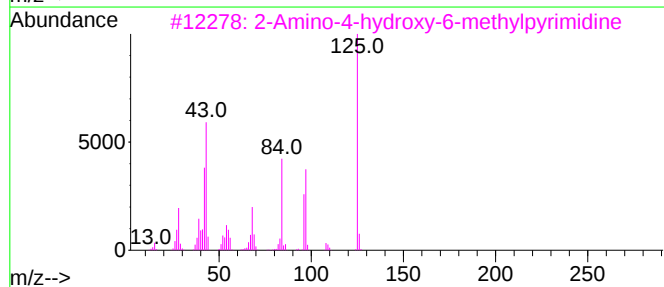
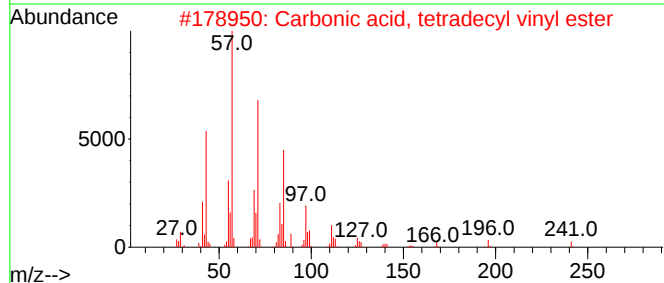
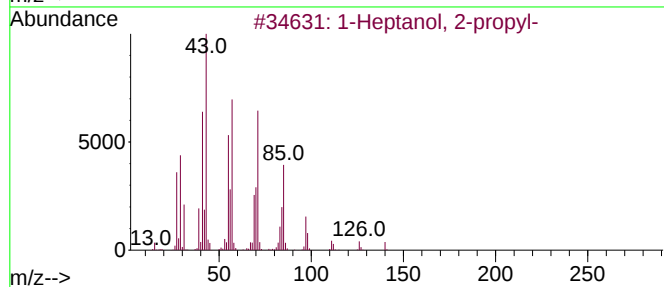
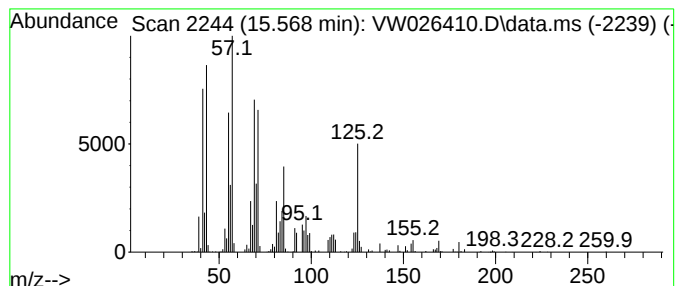
Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 50 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.568	17.74 ug/L	640434	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Heptanol, 2-propyl-		158	C10H22O	010042-59-8	49
2	Carbonic acid, tetradecyl vinyl ...		284	C17H32O3	1000382-54-5	43
3	2-Amino-4-hydroxy-6-methylpyrimi...		125	C5H7N3O	003977-29-5	38
4	Boroxine, diethyl methyl-		154	C5H13B3O3	1000159-63-3	38
5	1-Dodecanol, 3,7,11-trimethyl-		228	C15H32O	006750-34-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

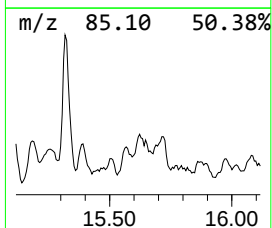
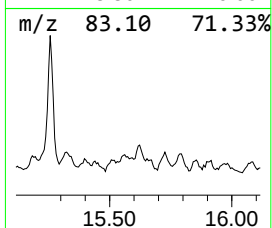
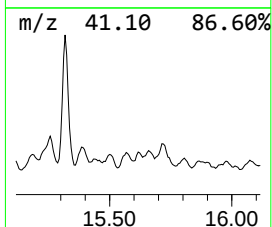
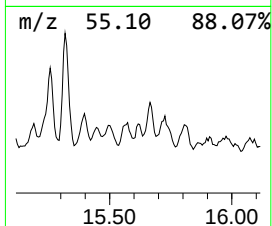
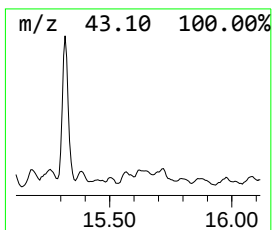
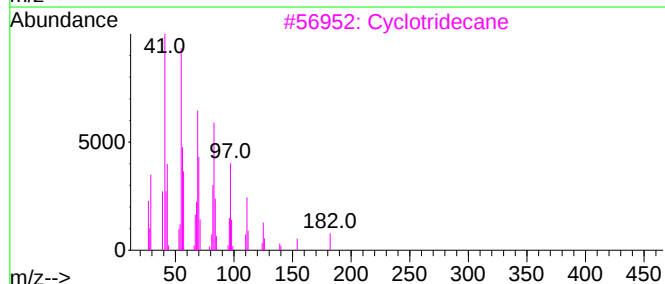
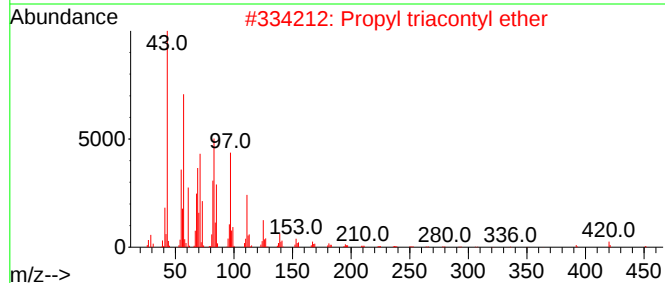
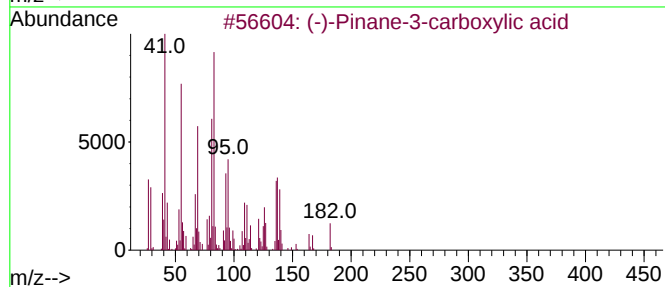
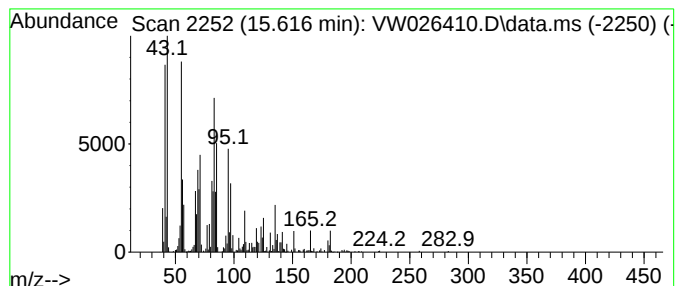
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 unknown-08

Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.616	7.15 ug/L	258028	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Pinane-3-carboxylic acid	182	C11H18O2	064284-84-0	38		
2	Propyl triacontyl ether	481	C33H68O	1000406-28-6	27		
3	Cyclotridecane	182	C13H26	000295-02-3	25		
4	1-Hydroxymethyl-7,7-dimethyl-bic...	182	C10H14O3	1000210-65-7	25		
5	Piperitenone oxide	166	C10H14O2	035178-55-3	25		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

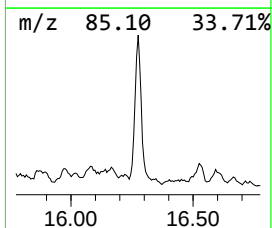
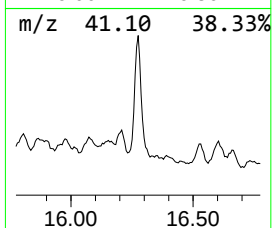
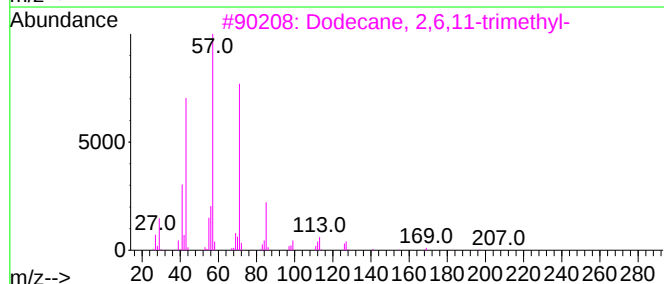
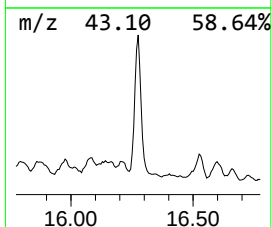
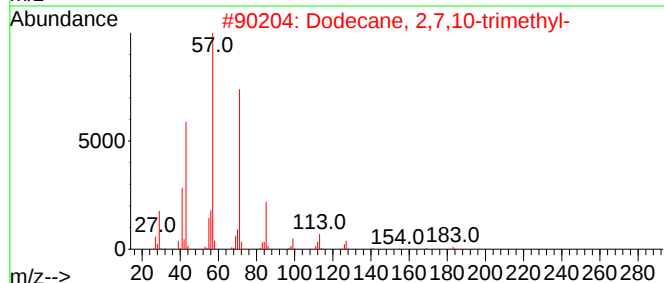
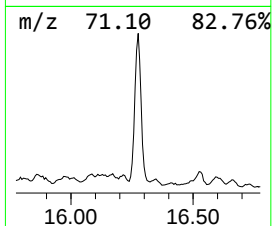
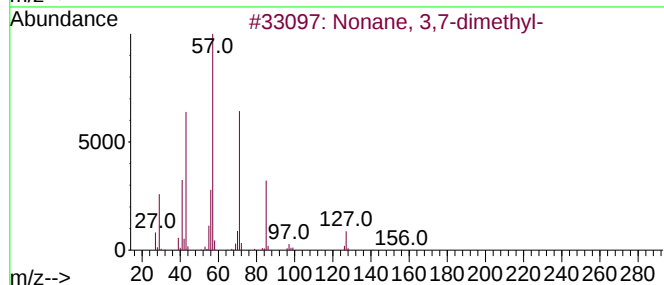
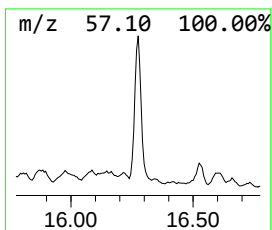
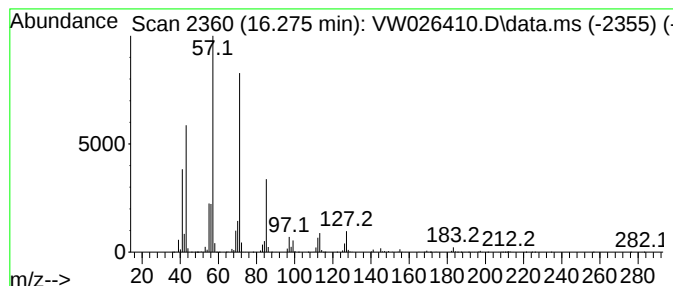
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	68.88 ug/L	2487020	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026410.D
Acq On : 28 Jun 2023 22:00
Operator : SY/MD
Sample : 03458-15
Misc : 5.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M8

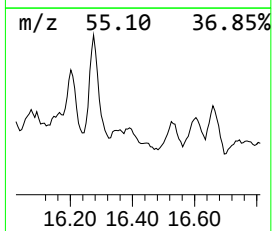
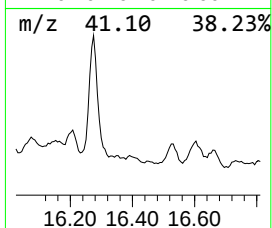
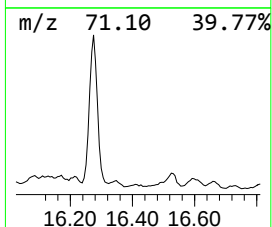
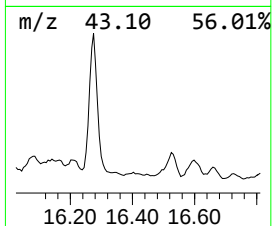
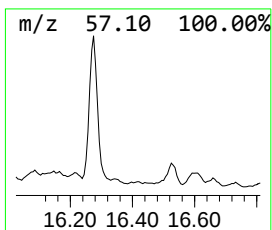
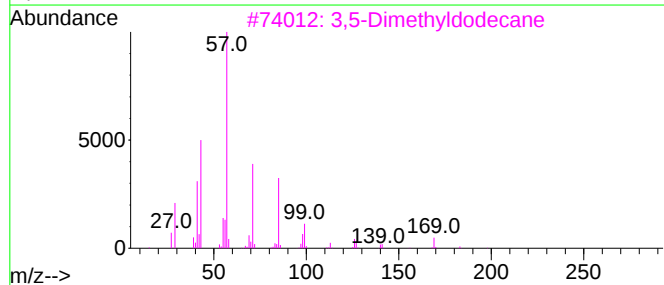
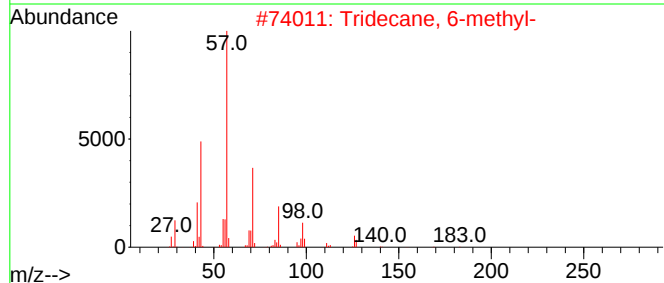
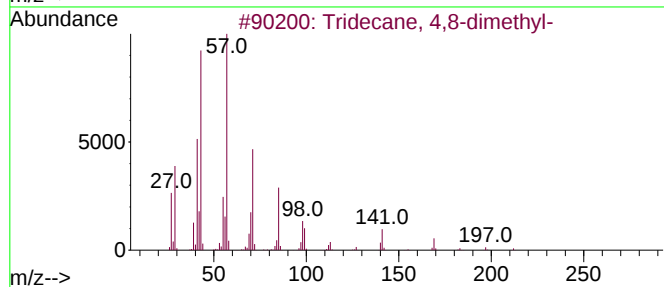
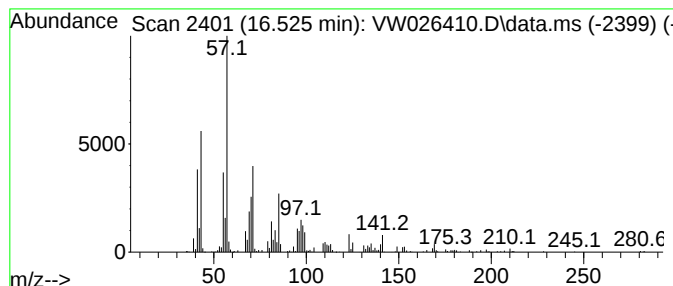
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.525	8.92 ug/L	322095	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	60
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	49
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026410.D
 Acq On : 28 Jun 2023 22:00
 Operator : SY/MD
 Sample : 03458-15
 Misc : 5.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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: C...	9.605	1.4	ug/L	95454	1	8.843	1660340	25.0
(DEL) Alkane: C...	9.752	1.9	ug/L	128616	1	8.843	1660340	25.0
(DEL) Alkane: C...	10.502	2.0	ug/L	138241	2	11.629	1689510	25.0
(DEL) Alkane: C...	10.660	2.1	ug/L	143850	2	11.629	1689510	25.0
(DEL) Alkane: C...	10.758	1.3	ug/L	88817	2	11.629	1689510	25.0
(DEL) Alkane: S...	11.032	1.4	ug/L	92691	2	11.629	1689510	25.0
(DEL) Alkane: C...	11.172	2.4	ug/L	161871	2	11.629	1689510	25.0
(DEL) Alkane: C...	11.227	4.5	ug/L	303993	2	11.629	1689510	25.0
(DEL) Alkane: S...	11.337	2.1	ug/L	142672	2	11.629	1689510	25.0
(DEL) Alkane: C...	11.434	1.8	ug/L	124491	2	11.629	1689510	25.0
(DEL) Alkane: S...	11.812	1.4	ug/L	95692	2	11.629	1689510	25.0
(DEL) Alkane: C...	11.867	2.8	ug/L	190840	2	11.629	1689510	25.0
(DEL) Alkane: C...	11.910	1.7	ug/L	113508	2	11.629	1689510	25.0
(DEL) Alkane: S...	12.056	1.5	ug/L	99764	2	11.629	1689510	25.0
unknown-01	12.135	6.6	ug/L	447992	2	11.629	1689510	25.0
(DEL) Alkane: S...	12.245	7.9	ug/L	532267	2	11.629	1689510	25.0
(DEL) Alkane: S...	12.361	18.4	ug/L	1240980	2	11.629	1689510	25.0
(DEL) Alkane: S...	12.495	6.4	ug/L	433469	2	11.629	1689510	25.0
(DEL) Alkane: S...	12.617	6.7	ug/L	243370	3	13.556	902611	25.0
(DEL) Alkane: S...	12.775	13.1	ug/L	471565	3	13.556	902611	25.0
(DEL) Alkane: C...	12.855	10.2	ug/L	369489	3	13.556	902611	25.0
2,4-Dimethyl-1,...	12.940	28.1	ug/L	1014620	3	13.556	902611	25.0
(DEL) Alkane: S...	12.989	7.0	ug/L	253338	3	13.556	902611	25.0
(DEL) Alkane: S...	13.074	12.8	ug/L	463243	3	13.556	902611	25.0
unknown-02	13.123	7.8	ug/L	279690	3	13.556	902611	25.0
(DEL) Alkane: S...	13.166	4.4	ug/L	158719	3	13.556	902611	25.0
(DEL) Alkane: S...	13.288	15.1	ug/L	546213	3	13.556	902611	25.0
(DEL) Alkane: S...	13.336	8.7	ug/L	314461	3	13.556	902611	25.0
(DEL) Alkane: C...	13.373	1.5	ug/L	54418	3	13.556	902611	25.0
unknown-03	13.410	5.0	ug/L	180006	3	13.556	902611	25.0
Cyclohexanone, ...	13.440	15.9	ug/L	572197	3	13.556	902611	25.0
(DEL) Alkane: S...	13.477	7.6	ug/L	273750	3	13.556	902611	25.0
(DEL) Alkane: C...	13.690	10.1	ug/L	363241	3	13.556	902611	25.0
Sulfurous acid,...	13.916	12.7	ug/L	458244	3	13.556	902611	25.0
(DEL) Alkane: C...	13.977	12.4	ug/L	448080	3	13.556	902611	25.0
(DEL) Alkane: S...	14.184	9.7	ug/L	351178	3	13.556	902611	25.0
(DEL) Alkane: S...	14.257	19.5	ug/L	704223	3	13.556	902611	25.0
(DEL) Alkane: S...	14.312	7.2	ug/L	258749	3	13.556	902611	25.0
(DEL) Alkane: C...	14.379	51.0	ug/L	1840780	3	13.556	902611	25.0
(DEL) Alkane: S...	14.489	7.6	ug/L	275201	3	13.556	902611	25.0
Naphthalene, de...	14.544	18.7	ug/L	676025	3	13.556	902611	25.0
Carbonic acid, ...	14.653	6.7	ug/L	242728	3	13.556	902611	25.0
Trichloroacetic...	14.732	13.7	ug/L	495182	3	13.556	902611	25.0
(DEL) Alkane: C...	14.793	26.7	ug/L	962543	3	13.556	902611	25.0
unknown-04	14.842	29.9	ug/L	1080760	3	13.556	902611	25.0
unknown-05	15.117	5.6	ug/L	203579	3	13.556	902611	25.0
(DEL) Alkane: S...	15.318	109.0	ug/L	3935390	3	13.556	902611	25.0
unknown-06	15.391	22.7	ug/L	818947	3	13.556	902611	25.0
unknown-07	15.568	17.7	ug/L	640434	3	13.556	902611	25.0
unknown-08	15.616	7.2	ug/L	258028	3	13.556	902611	25.0
(DEL) Alkane: S...	16.275	68.9	ug/L	2487020	3	13.556	902611	25.0
(DEL) Alkane: S...	16.525	8.9	ug/L	322095	3	13.556	902611	25.0

Instrument :
MSVOA_W
ClientSampleId :
A46M8