

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027150.D
 Acq On : 19 Sep 2023 16:15
 Operator : SY/MD
 Sample : 04472-16
 Misc : 5.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYM5

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\SFAMWLM091823SMA.M
 Title : SFAM01.0

Signal : TIC: VW027150.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	38	47	51	rBV6	5004	13736	0.85%	0.055%
2	2.357	72	77	89	rVB	74484	162332	10.08%	0.650%
3	2.619	115	120	121	rBV3	18596	20298	1.26%	0.081%
4	2.631	121	122	125	rBV2	24838	29009	1.80%	0.116%
5	2.668	125	128	129	rBV3	13372	18868	1.17%	0.076%
6	2.893	160	165	174	rVB	86934	204385	12.69%	0.819%
7	3.192	213	214	218	rVB4	1597	1444	0.09%	0.006%
8	3.387	244	246	248	rVB2	1385	1312	0.08%	0.005%
9	3.533	268	270	274	rVB5	1626	2258	0.14%	0.009%
10	3.576	275	277	281	rBV4	1773	2275	0.14%	0.009%
11	3.613	281	283	288	rVB6	2129	2545	0.16%	0.010%
12	3.735	301	303	308	rVB6	1816	2405	0.15%	0.010%
13	3.887	326	328	333	rVB5	2041	3687	0.23%	0.015%
14	4.021	333	350	360	rBV	149125	456558	28.36%	1.829%
15	4.387	400	410	421	rVV2	8649	28152	1.75%	0.113%
16	4.490	424	427	429	rVB4	1574	1782	0.11%	0.007%
17	4.533	431	434	437	rVB5	1385	1725	0.11%	0.007%
18	4.911	486	496	507	rBV2	37290	133228	8.28%	0.534%
19	5.362	567	570	571	rVV3	1189	1362	0.08%	0.005%
20	5.423	576	580	581	rVV4	1696	2352	0.15%	0.009%
21	5.448	582	584	587	rVV3	2187	2092	0.13%	0.008%
22	5.496	589	592	594	rVB4	1841	2155	0.13%	0.009%
23	5.521	594	596	598	rBV2	1417	1960	0.12%	0.008%
24	5.685	621	623	625	rBV3	1599	1570	0.10%	0.006%
25	5.734	628	631	632	rVV3	1077	1180	0.07%	0.005%
26	5.783	632	639	650	rVV6	5381	18103	1.12%	0.073%
27	5.941	655	665	676	rVB2	30472	95041	5.90%	0.381%
28	6.271	715	719	723	rBV7	955	1500	0.09%	0.006%
29	6.374	732	736	738	rBV5	1458	2308	0.14%	0.009%
30	6.825	807	810	814	rVB5	1642	1853	0.12%	0.007%
31	6.886	817	820	821	rBV3	1587	2117	0.13%	0.008%
32	6.960	830	832	833	rBV2	1682	1209	0.08%	0.005%
33	6.984	833	836	840	rVB6	1643	1917	0.12%	0.008%
34	7.075	843	851	859	rBV2	50692	146958	9.13%	0.589%
35	7.441	907	911	912	rBV5	1918	1986	0.12%	0.008%
36	7.514	920	923	926	rBV5	972	1451	0.09%	0.006%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027150.D
 Acq On : 19 Sep 2023 16:15
 Operator : SY/MD
 Sample : 04472-16
 Misc : 5.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYM5

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\SFAMWLM091823SMA.M
 Title : SFAM01.0

37	7.588	933	935	936	rBV2	1414	1374	0.09%	0.006%
38	7.648	936	945	956	rVV	274521	682724	42.41%	2.735%
39	7.874	976	982	984	rVB7	1833	2888	0.18%	0.012%
40	7.959	986	996	1004	rBV7	6401	21975	1.36%	0.088%
41	8.057	1011	1012	1015	rVB3	1820	1291	0.08%	0.005%
42	8.148	1022	1027	1030	rBV6	2937	4080	0.25%	0.016%
43	8.276	1036	1048	1064	rBV2	532901	1609974	100.00%	6.449%
44	8.441	1073	1075	1080	rVB6	1985	1916	0.12%	0.008%
45	8.569	1090	1096	1106	rVB6	9481	26196	1.63%	0.105%
46	8.697	1111	1117	1119	rBV7	2510	4716	0.29%	0.019%
47	8.843	1131	1141	1152	rBV	496774	974884	60.55%	3.905%
48	8.965	1159	1161	1164	rBV4	1612	1740	0.11%	0.007%
49	9.002	1164	1167	1169	rVV3	1689	2011	0.12%	0.008%
50	9.051	1173	1175	1176	rVV	2509	2164	0.13%	0.009%
51	9.081	1176	1180	1186	rVV9	5532	13554	0.84%	0.054%
52	9.142	1186	1190	1196	rVB6	7575	15566	0.97%	0.062%
53	9.276	1202	1212	1219	rBV	363158	764806	47.50%	3.064%
54	9.605	1262	1266	1271	rVB7	3586	6515	0.40%	0.026%
55	9.666	1271	1276	1277	rBV5	4262	5010	0.31%	0.020%
56	9.746	1284	1289	1293	rBV8	4299	9407	0.58%	0.038%
57	9.776	1293	1294	1298	rVB3	6203	5586	0.35%	0.022%
58	9.849	1302	1306	1309	rBV5	2926	3924	0.24%	0.016%
59	9.892	1309	1313	1315	rBV5	3152	4133	0.26%	0.017%
60	9.959	1319	1324	1327	rBV5	11762	20560	1.28%	0.082%
61	10.032	1331	1336	1343	rVV	198158	353331	21.95%	1.415%
62	10.325	1376	1384	1391	rBV	701763	1295521	80.47%	5.189%
63	10.386	1391	1394	1401	rVB	35041	63985	3.97%	0.256%
64	10.496	1407	1412	1420	rVB5	27890	60385	3.75%	0.242%
65	10.575	1420	1425	1432	rBV	136303	236560	14.69%	0.948%
66	10.922	1477	1482	1489	rBV2	199249	347744	21.60%	1.393%
67	11.178	1520	1524	1528	rBV	27990	40385	2.51%	0.162%
68	11.227	1528	1532	1538	rVB2	45994	79176	4.92%	0.317%
69	11.337	1546	1550	1554	rVB2	29827	44856	2.79%	0.180%
70	11.514	1574	1579	1583	rBV	67587	108022	6.71%	0.433%
71	11.629	1591	1598	1610	rBV	657854	1127312	70.02%	4.516%
72	11.831	1623	1631	1634	rBV5	53750	143089	8.89%	0.573%
73	11.873	1635	1638	1641	rVB	55862	78802	4.89%	0.316%
74	12.056	1664	1668	1673	rVB3	34859	61502	3.82%	0.246%
75	12.135	1675	1681	1692	rBV4	128991	358314	22.26%	1.435%
76	12.251	1695	1700	1704	rVB	237887	375414	23.32%	1.504%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027150.D
 Acq On : 19 Sep 2023 16:15
 Operator : SY/MD
 Sample : 04472-16
 Misc : 5.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYM5

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\SFAMWLM091823SMA.M
 Title : SFAM01.0

77	12.361	1704	1718	1729	rBV2	464149	1431940	88.94%	5.736%
78	12.538	1744	1747	1754	rVB	216673	342729	21.29%	1.373%
79	12.617	1755	1760	1766	rBV4	77863	142175	8.83%	0.569%
80	12.690	1766	1772	1778	rVV	442690	787785	48.93%	3.156%
81	12.776	1782	1786	1792	rVB3	202257	356236	22.13%	1.427%
82	12.861	1793	1800	1804	rBV3	124340	291815	18.13%	1.169%
83	12.934	1804	1812	1818	rVV6	470087	1362110	84.60%	5.456%
84	12.989	1818	1821	1826	rVB2	225791	330349	20.52%	1.323%
85	13.074	1831	1835	1839	rBV	155926	246697	15.32%	0.988%
86	13.123	1839	1843	1845	rVV3	172153	277282	17.22%	1.111%
87	13.160	1845	1849	1856	rVB	491758	782379	48.60%	3.134%
88	13.288	1867	1870	1874	rVB2	124641	161393	10.02%	0.646%
89	13.343	1875	1879	1882	rBV	165238	246476	15.31%	0.987%
90	13.440	1889	1895	1899	rBV3	713130	1421407	88.29%	5.694%
91	13.556	1910	1914	1922	rVB	501022	992977	61.68%	3.977%
92	13.873	1958	1966	1970	rBV3	596226	1527157	94.86%	6.117%
93	14.196	2015	2019	2024	rBV6	104130	195834	12.16%	0.784%
94	14.257	2026	2029	2035	rVV6	112943	200543	12.46%	0.803%
95	14.379	2046	2049	2054	rVB4	597120	953190	59.21%	3.818%
96	14.544	2072	2076	2081	rVB4	256561	387086	24.04%	1.551%
97	14.787	2113	2116	2120	rBV2	207431	334244	20.76%	1.339%
98	14.830	2120	2123	2131	rVB	439742	774341	48.10%	3.102%
99	15.318	2198	2203	2208	rBV	408912	661984	41.12%	2.652%
100	16.275	2356	2360	2368	rVB	220891	422307	26.23%	1.692%

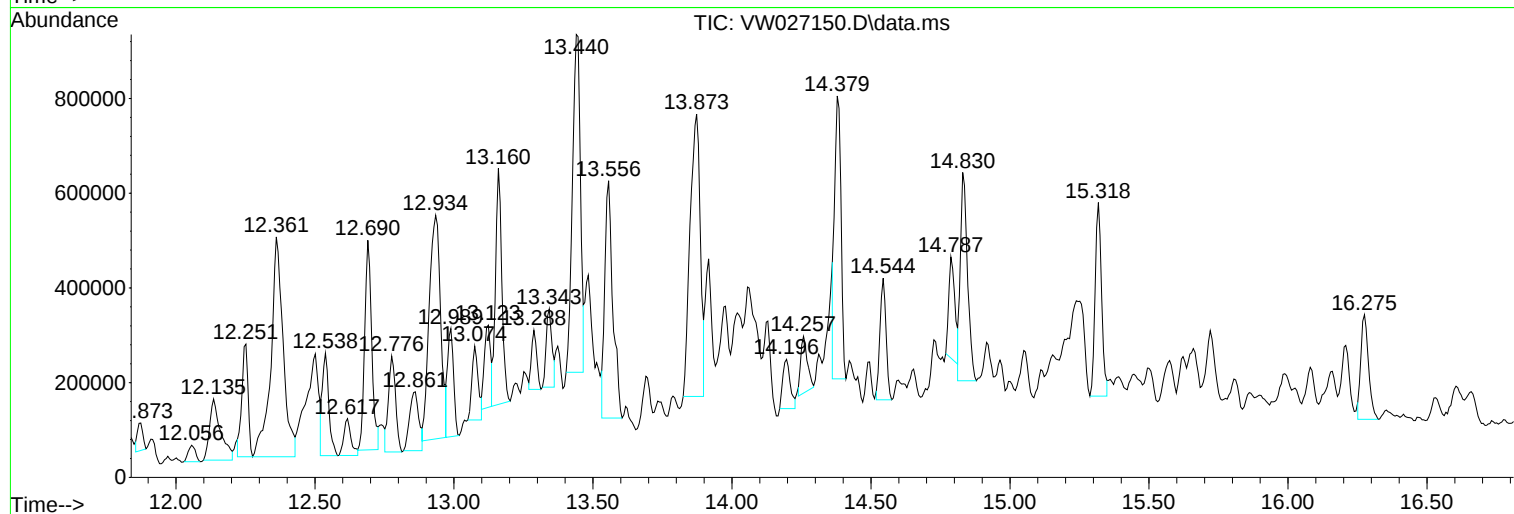
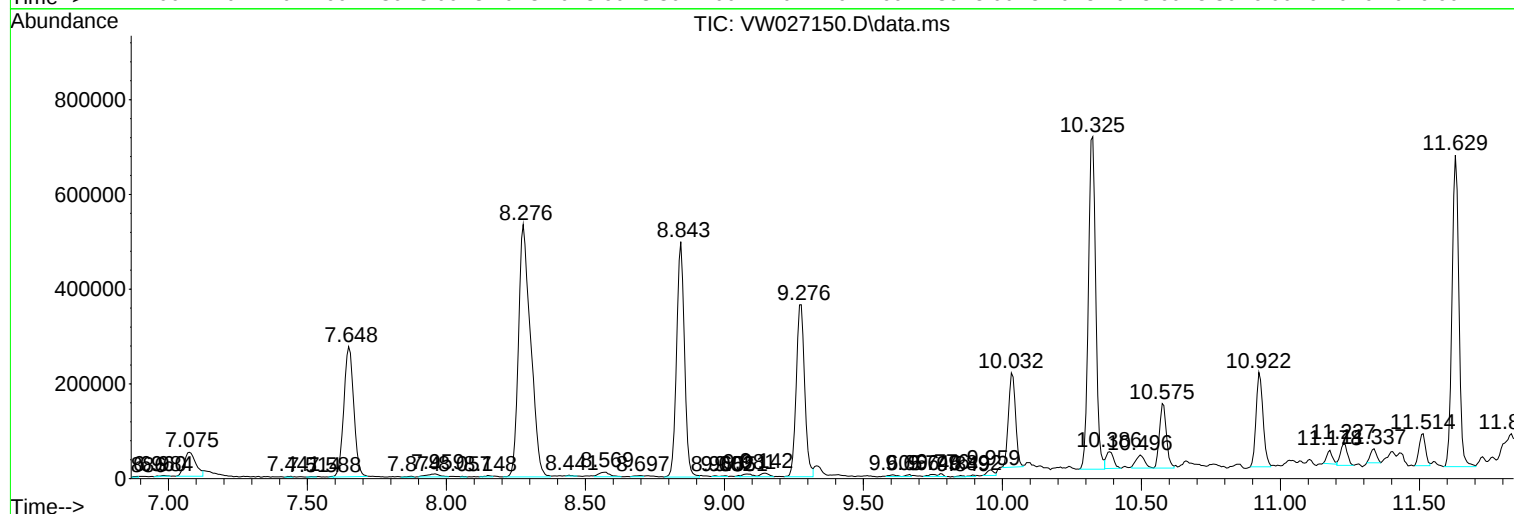
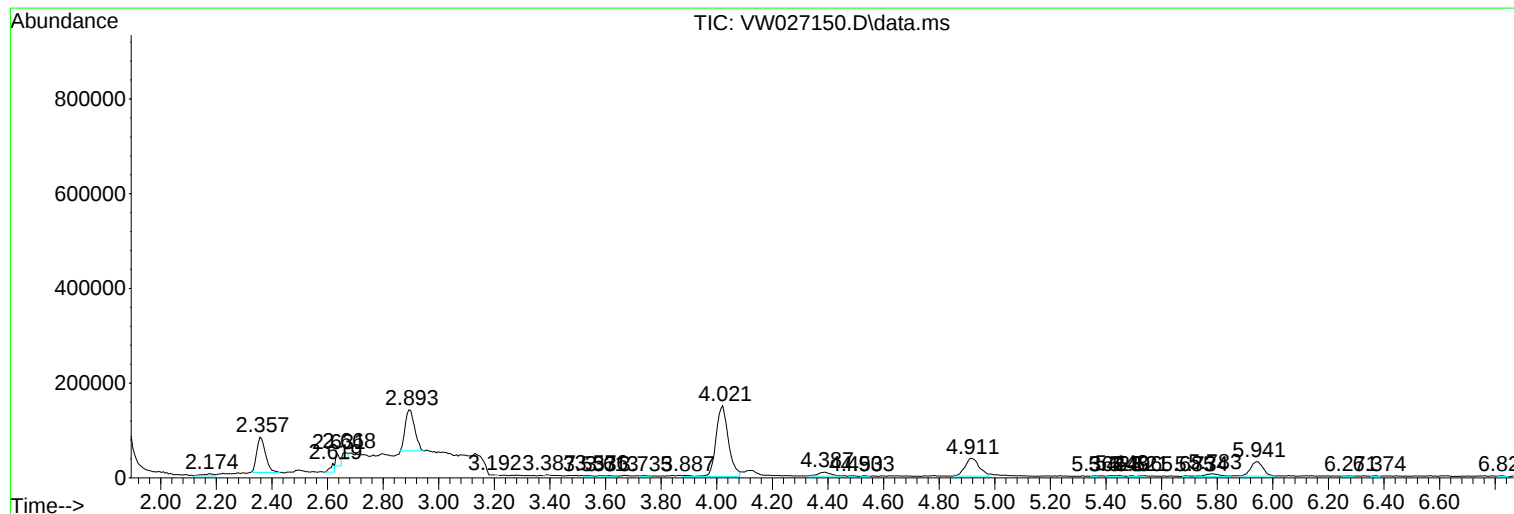
Sum of corrected areas: 24964941

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

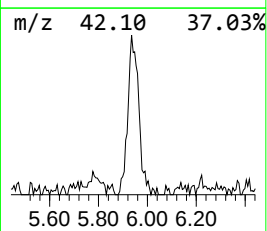
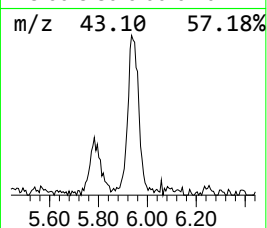
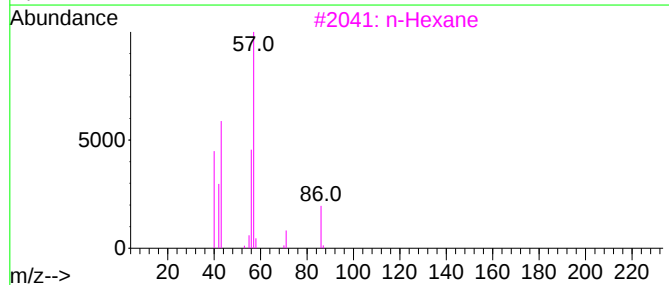
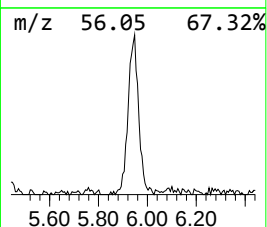
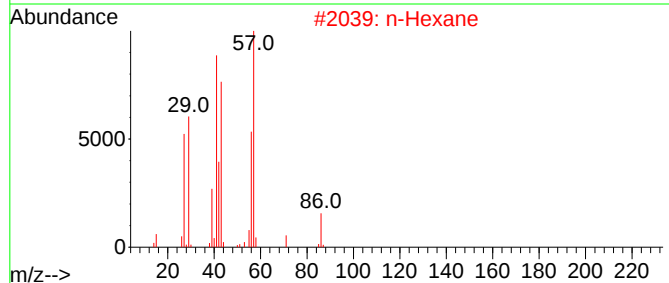
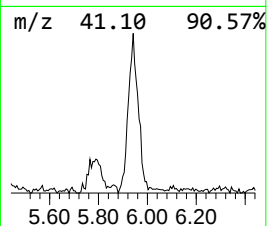
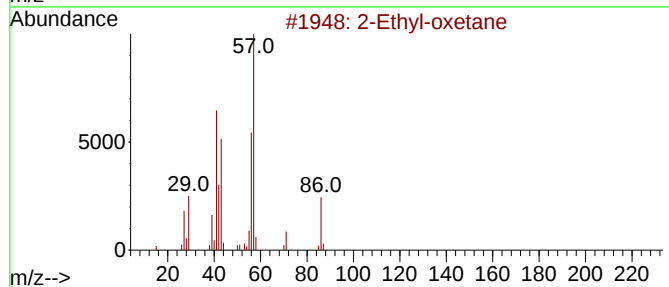
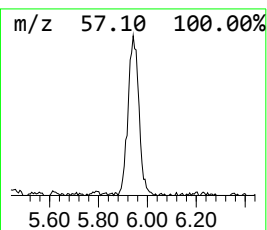
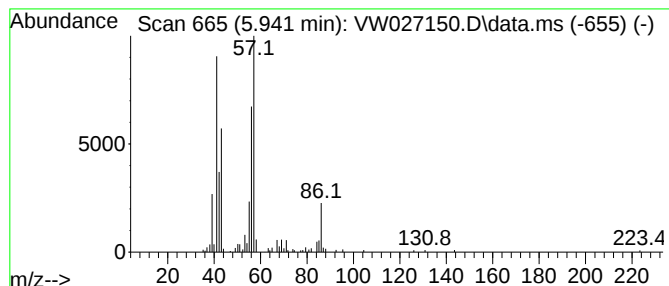
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	2.44 ug/L	95041	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
2			n-Hexane	86	C6H14	000110-54-3	53
3			n-Hexane	86	C6H14	000110-54-3	47
4			Cyclobutane	56	C4H8	000287-23-0	43
5			2-Butene, (E)-	56	C4H8	000624-64-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

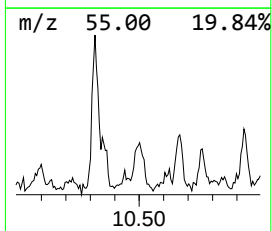
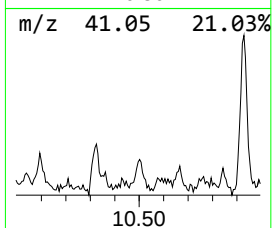
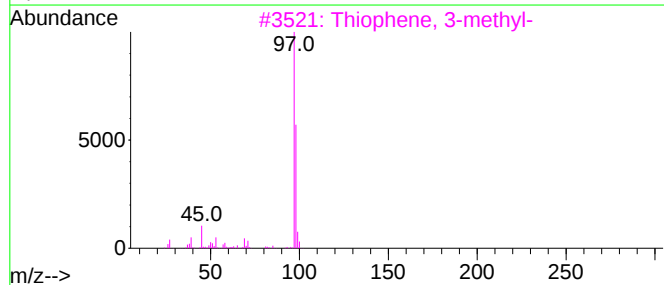
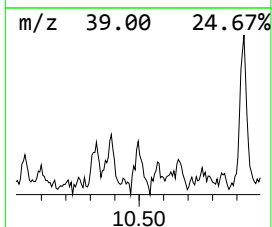
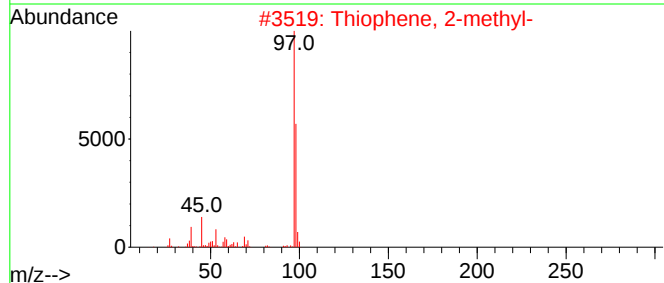
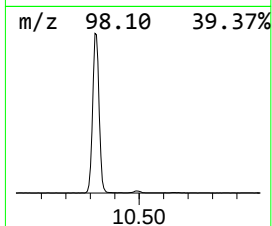
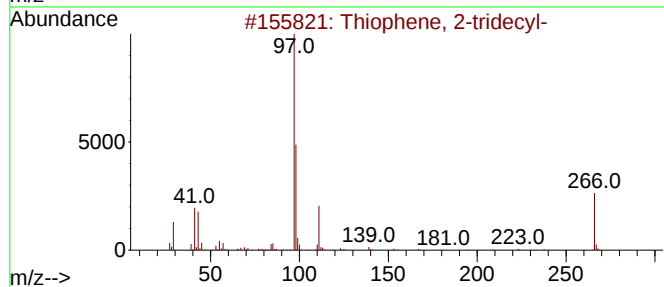
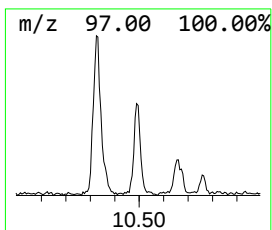
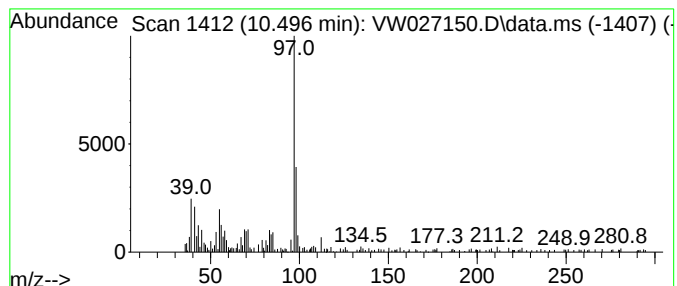
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Thiophene, 2-tridecyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.496	1.34 ug/L	60385	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-tridecyl-	266	C17H30S	059782-29-5	80
2			Thiophene, 2-methyl-	98	C5H6S	000554-14-3	76
3			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	64
4			Thiophene, 2-(3-methylbutyl)-	154	C9H14S	026963-33-7	64
5			Thiophene, 2-methyl-	98	C5H6S	000554-14-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

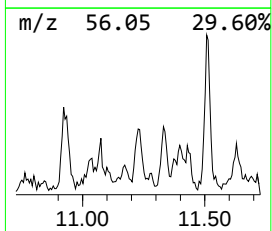
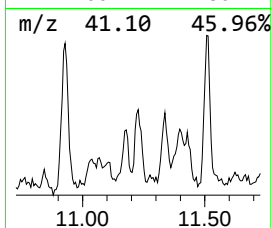
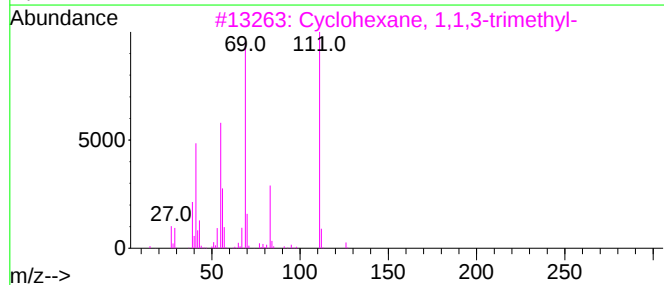
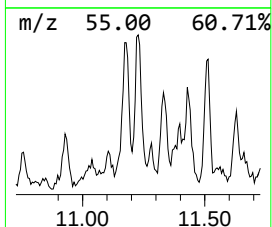
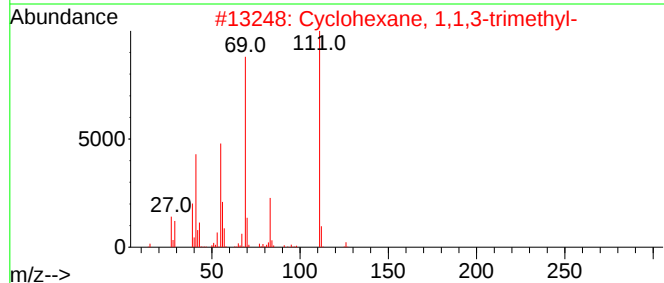
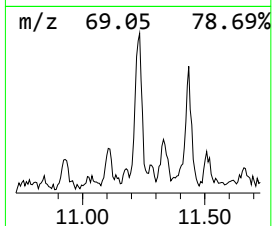
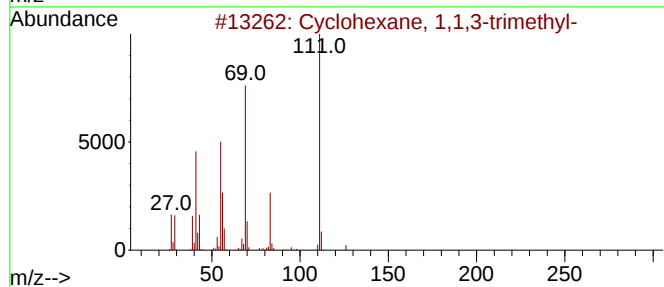
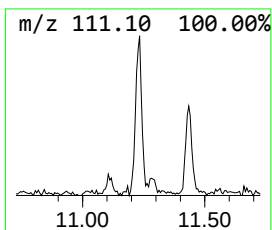
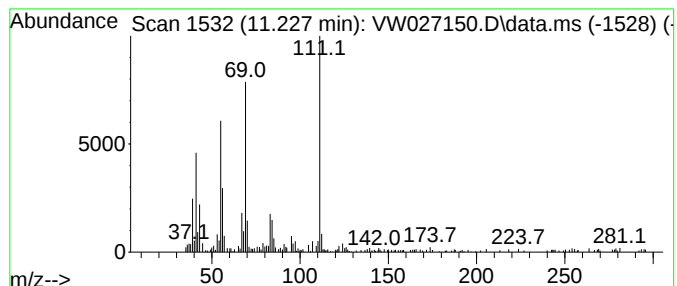
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.227 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	1.76 ug/L	79176	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
5			3-[(Thiophen-2-yl)carbonyl]-2,1-...	279	C14H5N3O2S	1000387-96-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

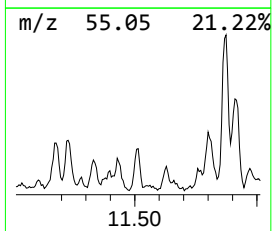
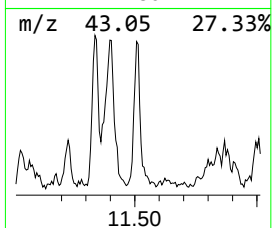
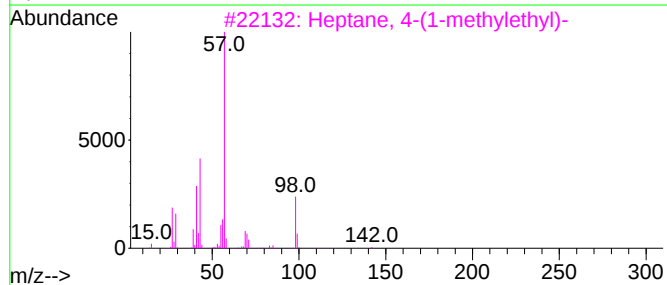
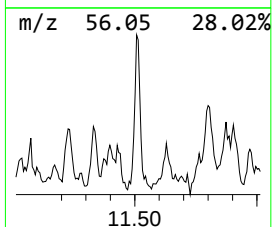
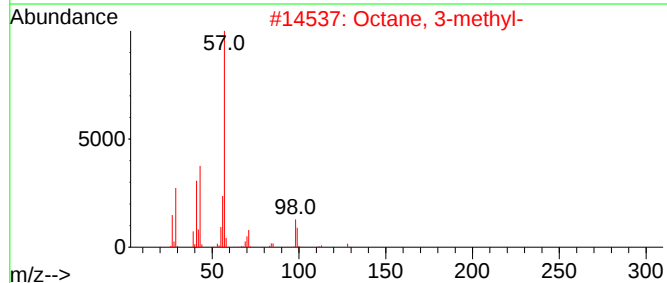
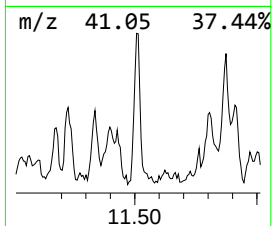
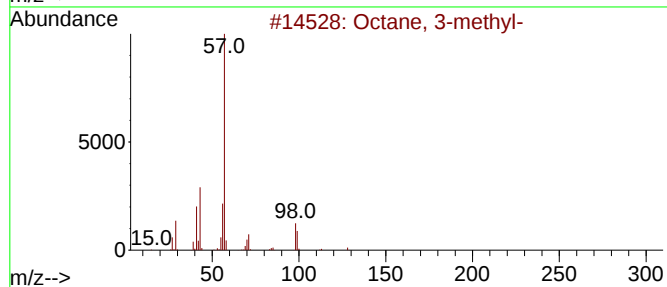
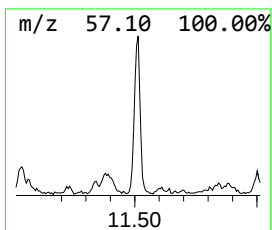
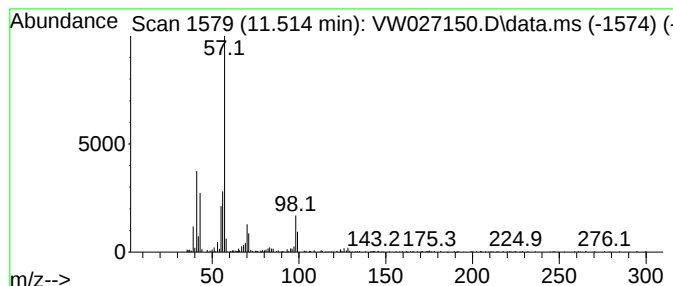
Instrument :
MSVOA_W
ClientSampleId :
EZY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.514	2.40 ug/L	108022	Chlorobenzene-d5		11.630	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-		128	C9H20	002216-33-3	64
2	Octane, 3-methyl-		128	C9H20	002216-33-3	64
3	Heptane, 4-(1-methylethyl)-		142	C10H22	052896-87-4	53
4	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	53
5	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

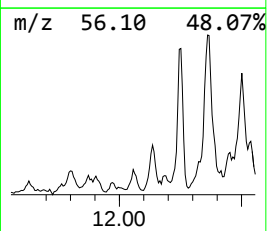
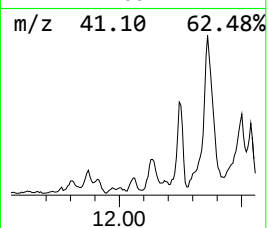
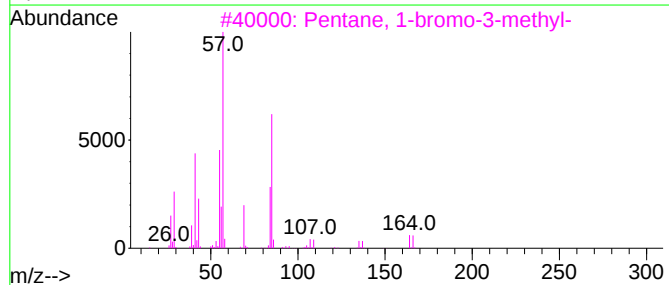
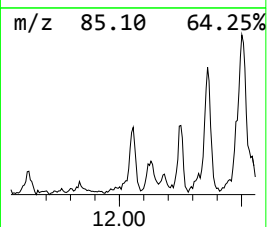
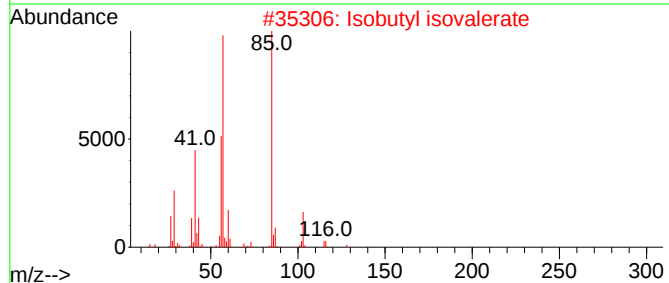
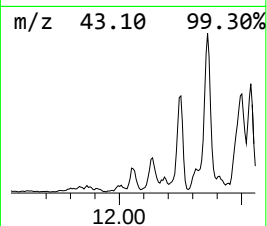
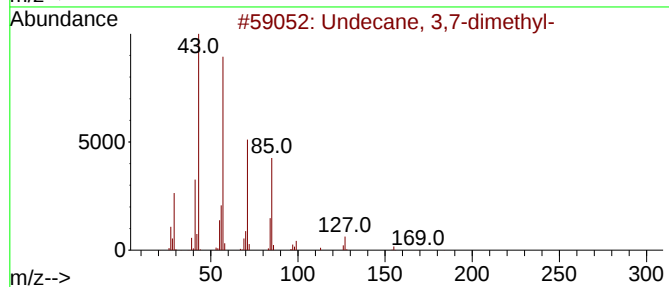
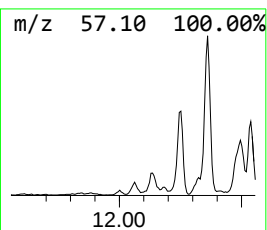
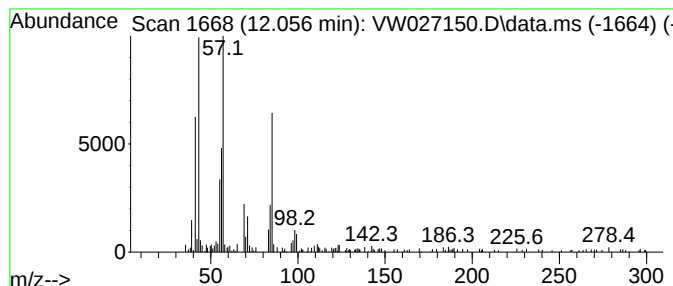
Instrument :
MSVOA_W
ClientSampleId :
EZY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.056	1.36 ug/L	61502	Chlorobenzene-d5		11.630	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3,7-dimethyl-		184	C13H28	017301-29-0	53
2	Isobutyl isovalerate		158	C9H18O2	000589-59-3	50
3	Pentane, 1-bromo-3-methyl-		164	C6H13Br	051116-73-5	47
4	Heptane, 2,4,6-trimethyl-		142	C10H22	002613-61-8	46
5	10-Methylundecan-4-olide		198	C12H22O2	1000370-40-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

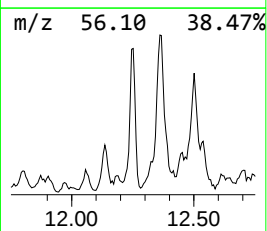
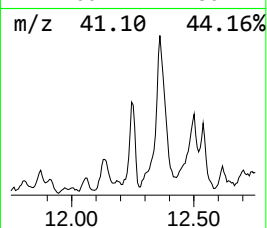
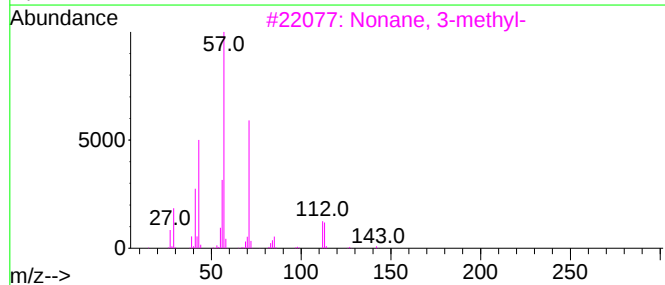
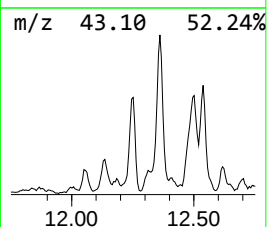
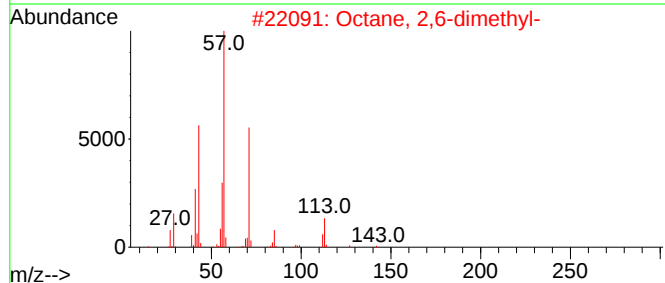
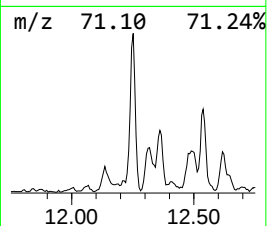
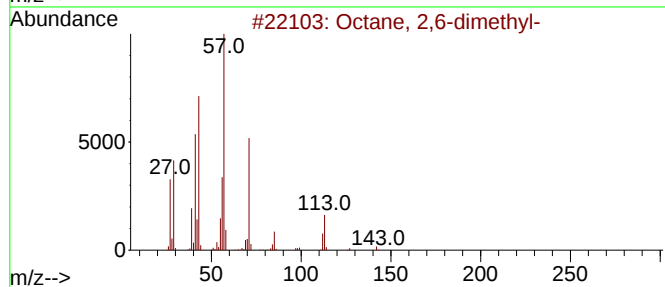
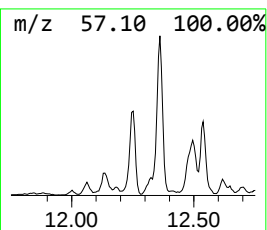
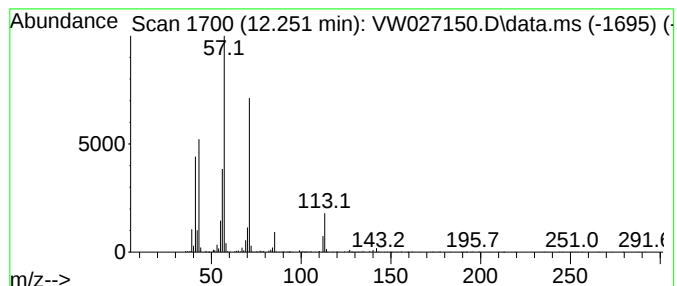
Instrument :
MSVOA_W
ClientSampleId :
EZYM5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.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 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.251	8.33 ug/L	375414	Chlorobenzene-d5	11.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

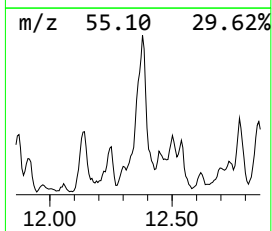
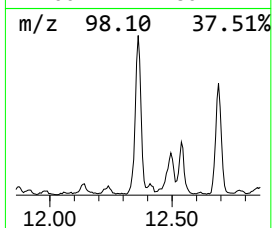
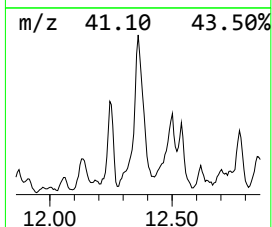
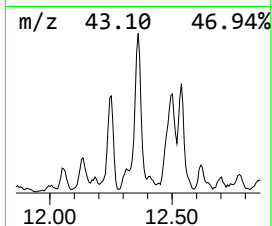
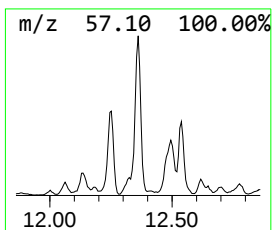
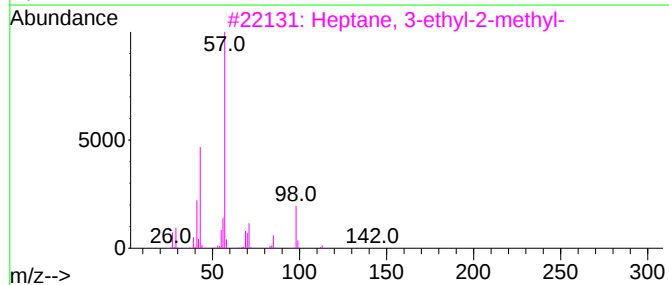
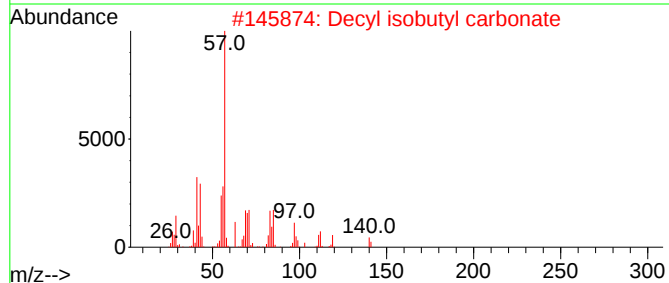
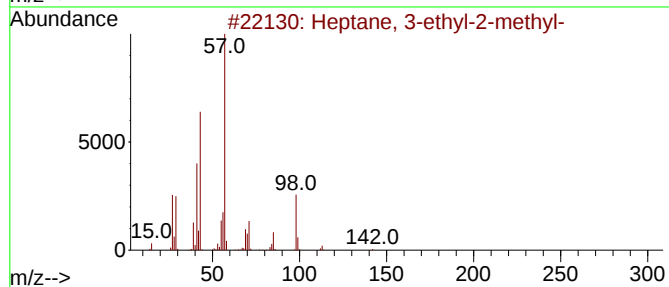
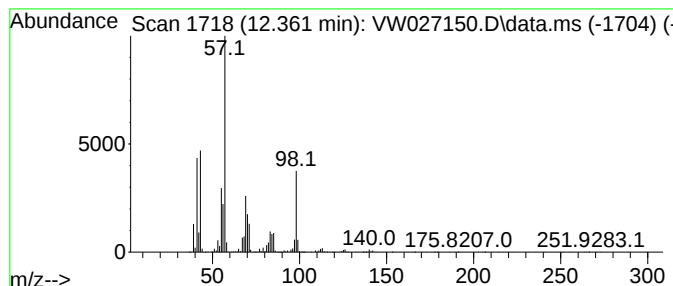
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	31.76 ug/L	1431940	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	64
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	52
5			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

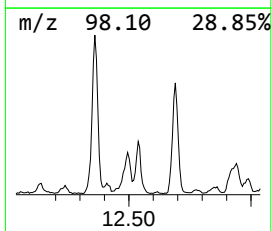
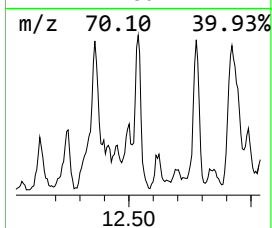
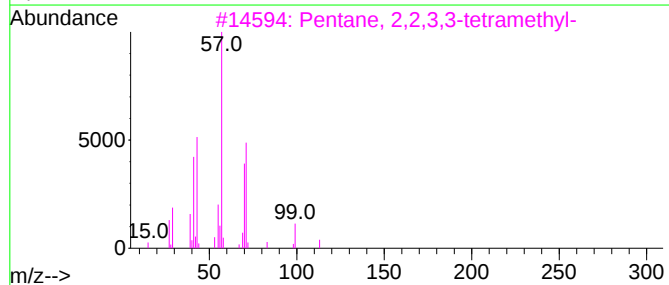
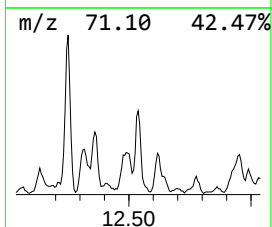
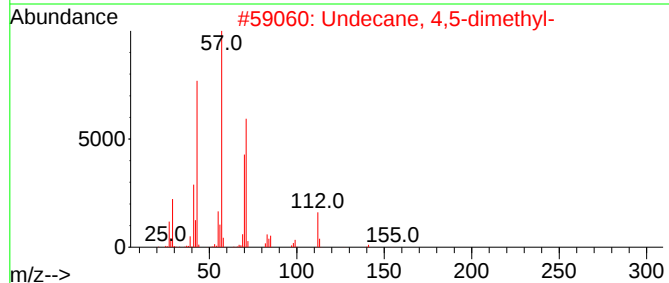
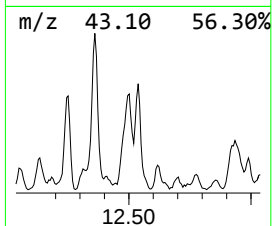
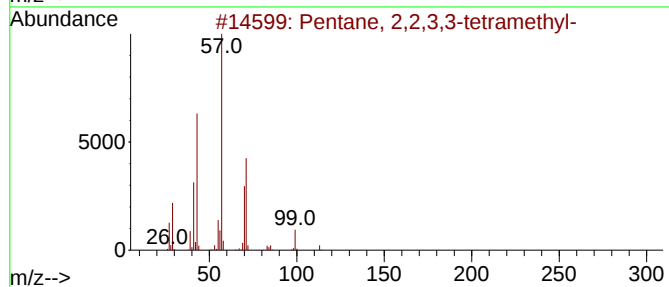
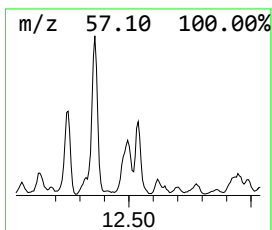
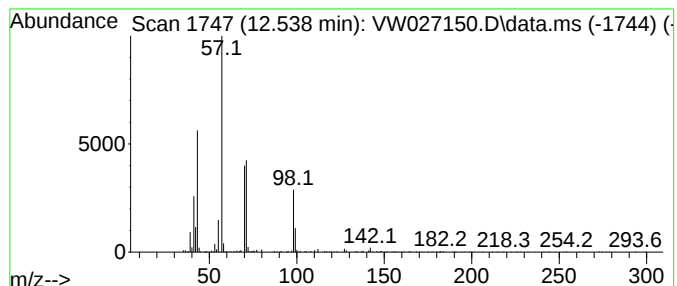
Instrument :
MSVOA_W
ClientSampleId :
EZYM5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.538	7.60 ug/L	342729	Chlorobenzene-d5	11.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
2	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
5	Diisooamyl ether	158	C10H22O	000544-01-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

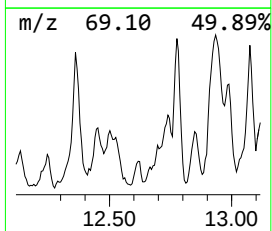
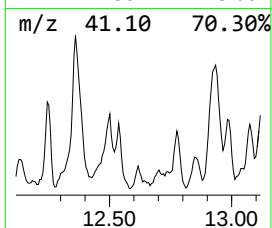
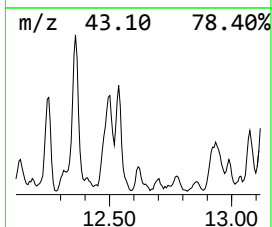
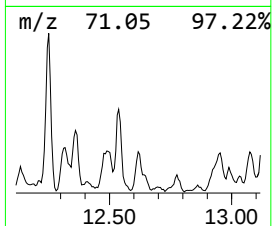
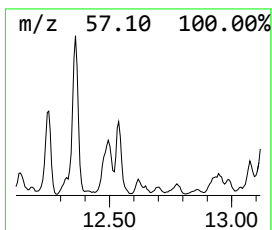
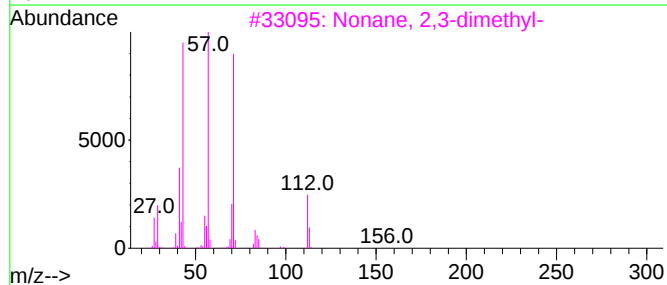
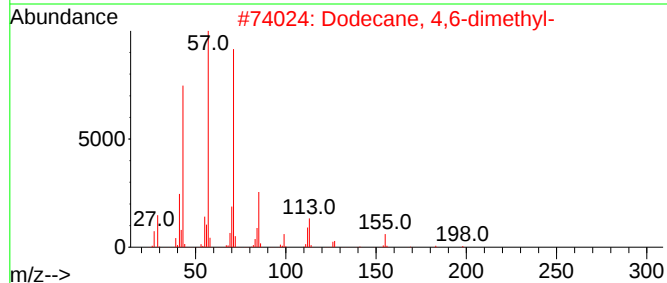
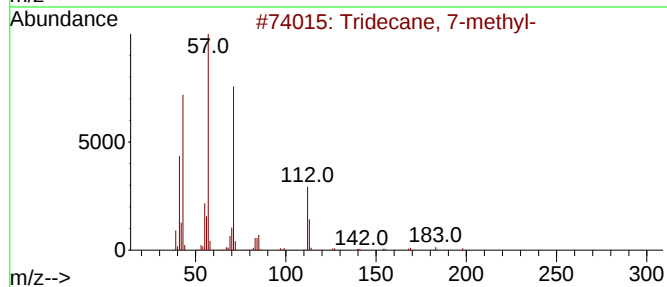
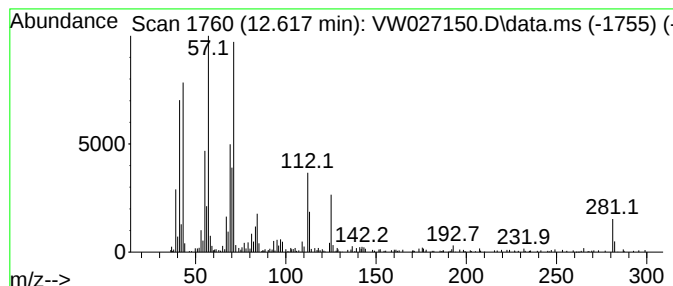
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	3.58 ug/L	142175	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47
3		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	47
4		Oxalic acid, octyl propyl ester	244	C13H24O4	1010309-26-1	43
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

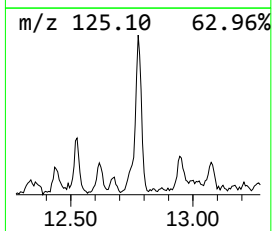
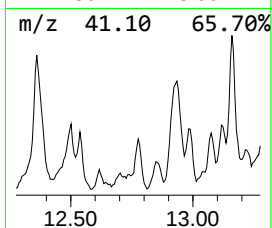
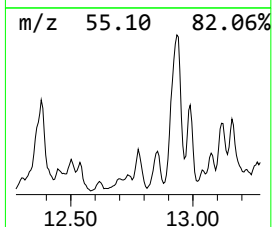
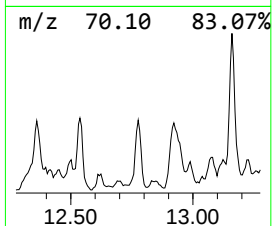
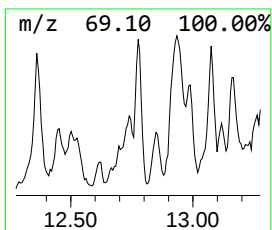
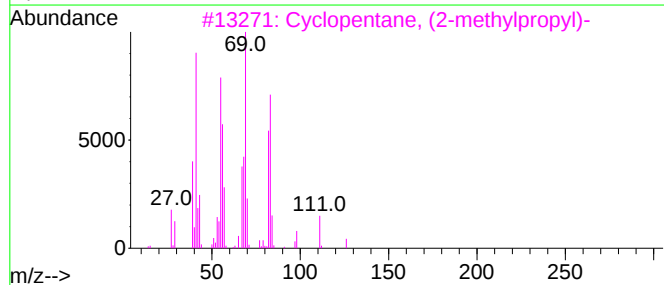
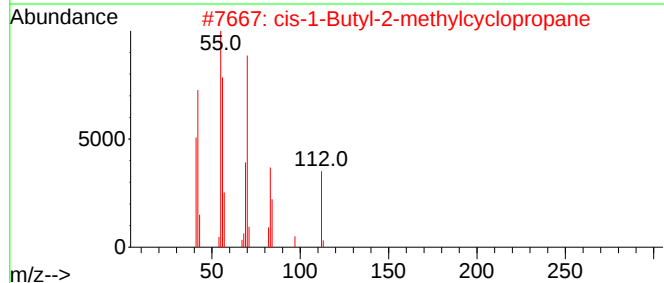
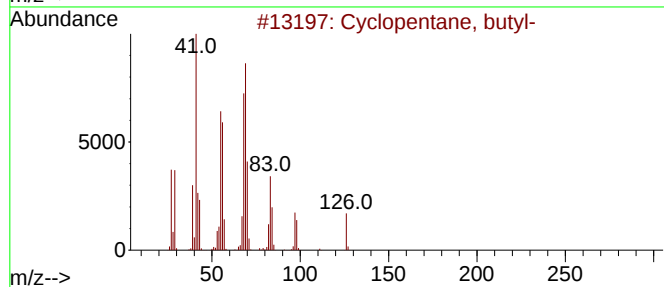
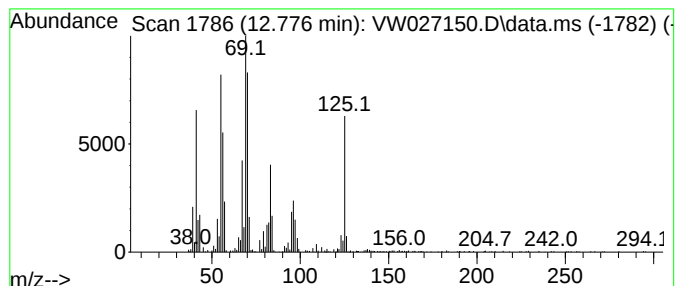
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic12.776 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.776	8.97 ug/L	356236	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	55
2			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
4			Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	35
5			Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

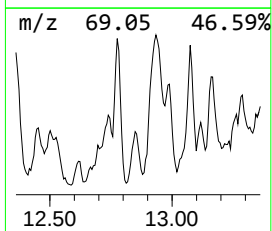
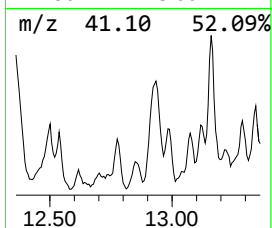
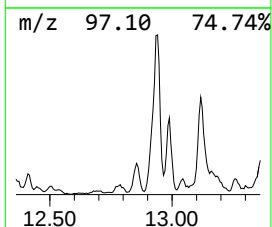
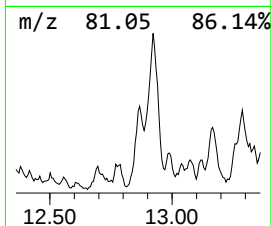
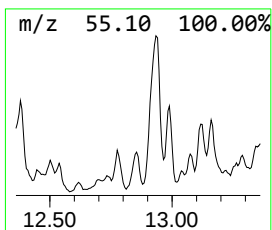
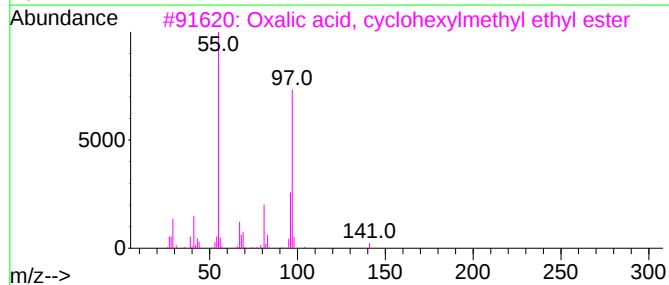
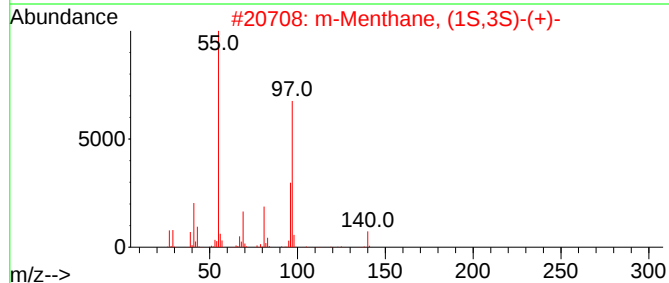
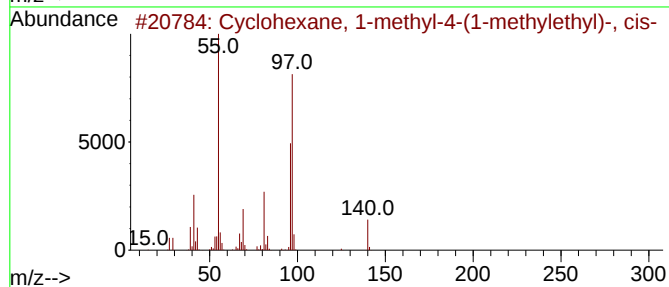
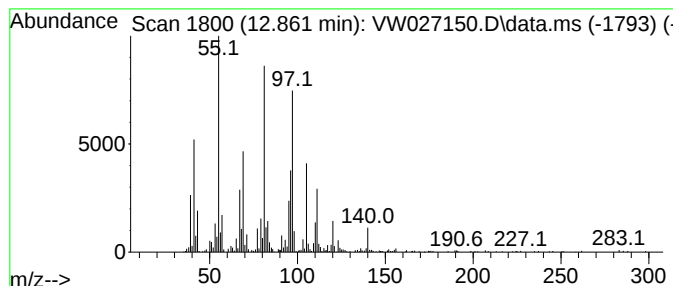
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.861 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	7.35 ug/L	291815	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
3			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	43
4			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	43
5			2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

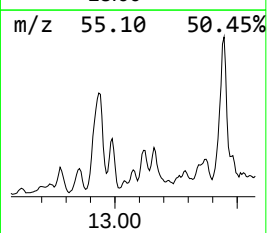
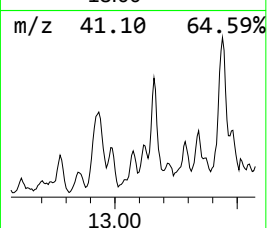
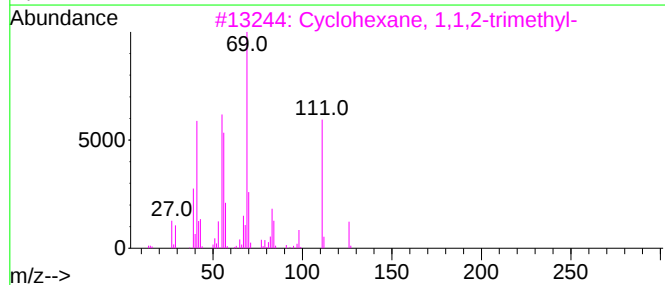
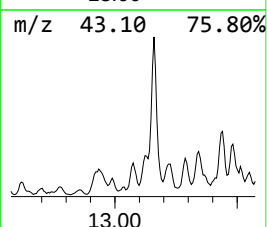
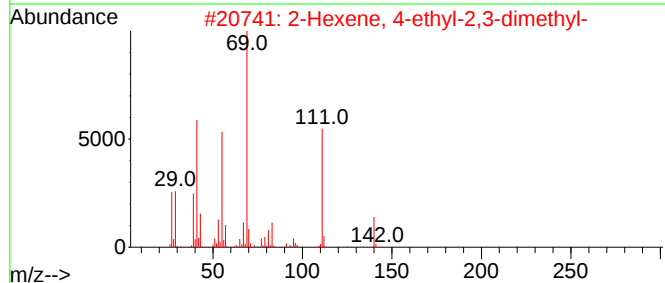
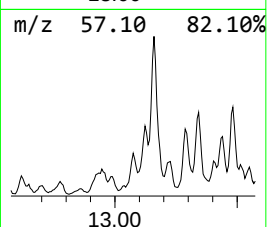
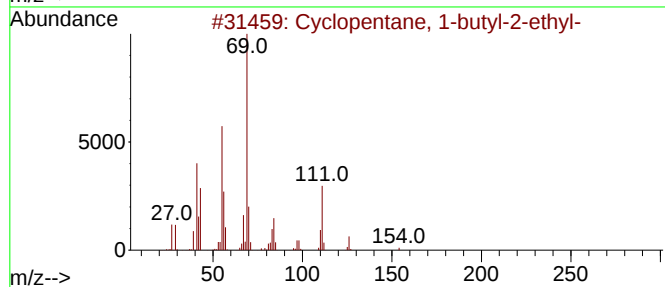
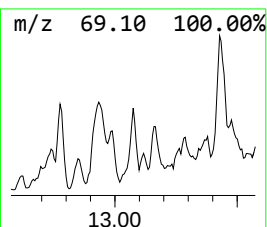
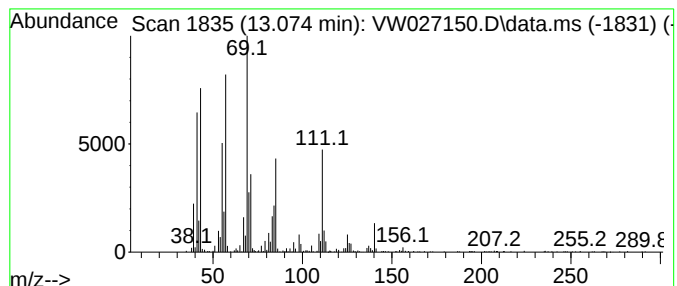
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic13.074 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	6.21 ug/L	246697	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	58
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	50
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
4			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	46
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

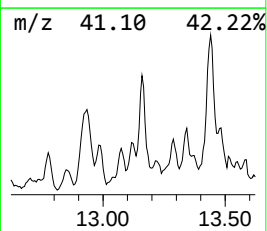
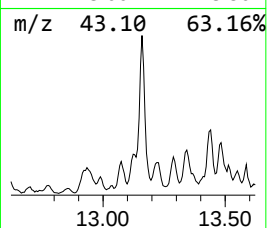
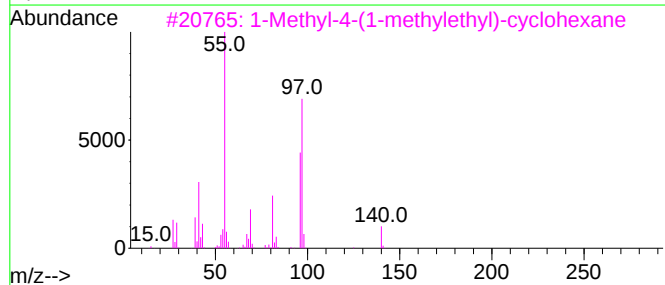
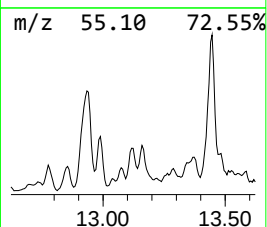
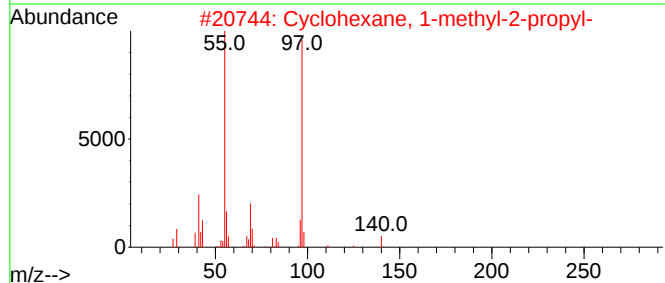
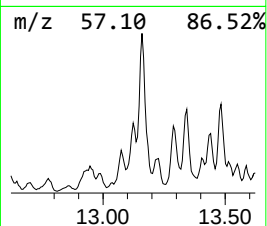
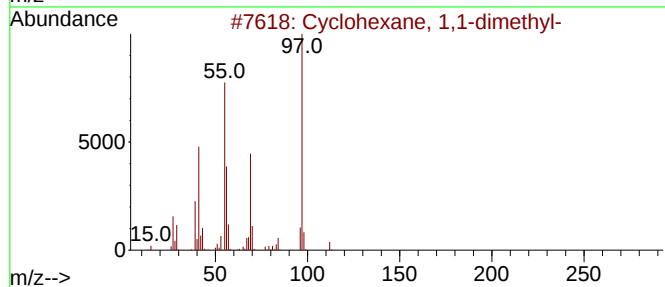
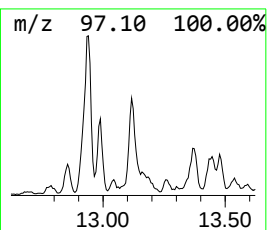
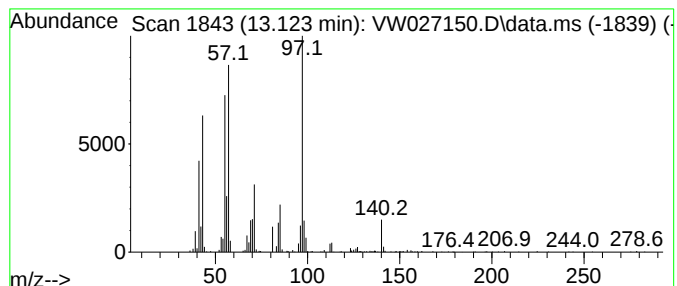
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.123 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	6.98 ug/L	277282	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	49
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43
4			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	38
5			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

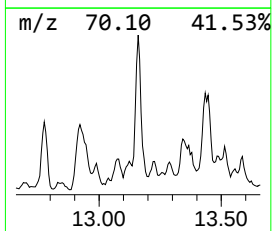
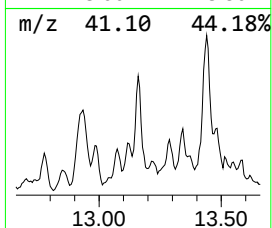
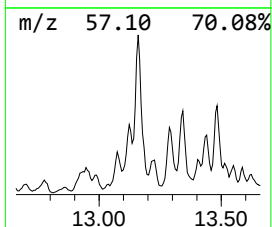
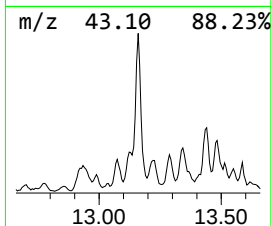
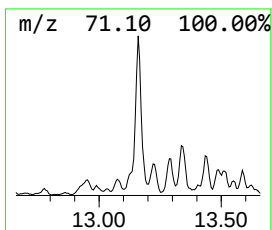
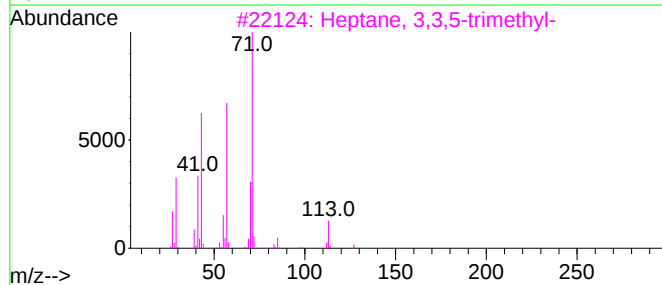
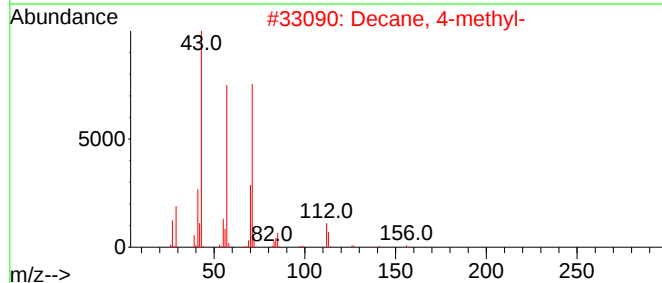
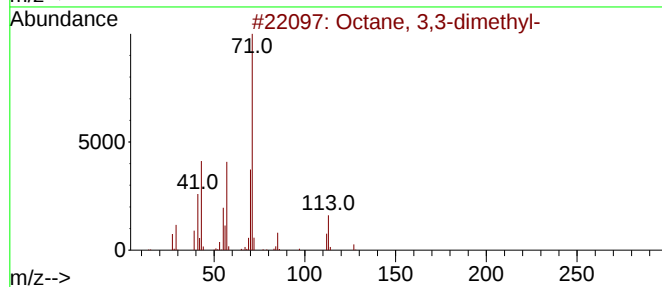
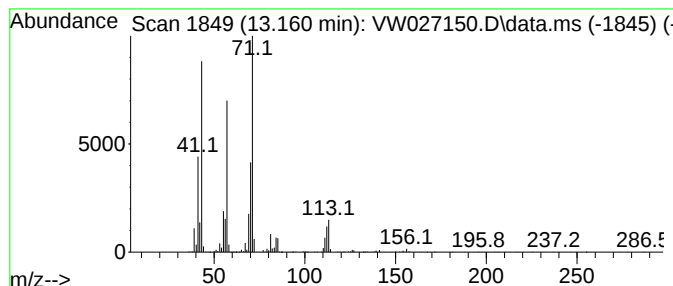
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	19.70 ug/L	782379	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2			Decane, 4-methyl-	156	C11H24	002847-72-5	74
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	64
5			Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

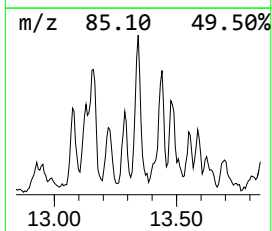
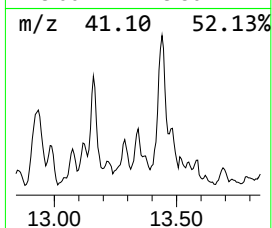
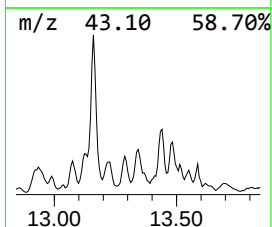
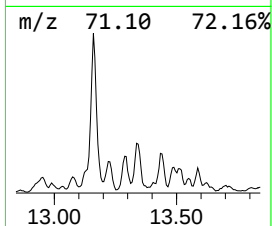
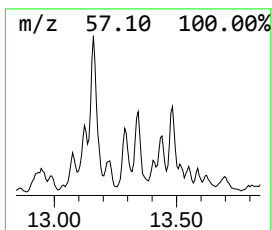
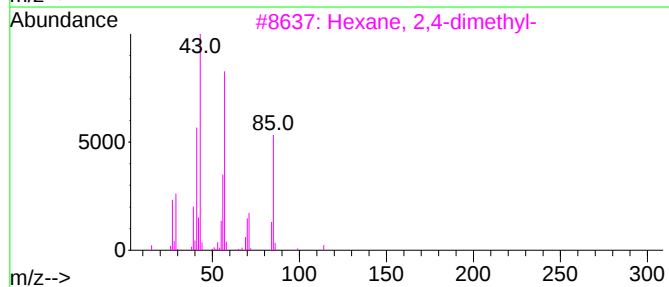
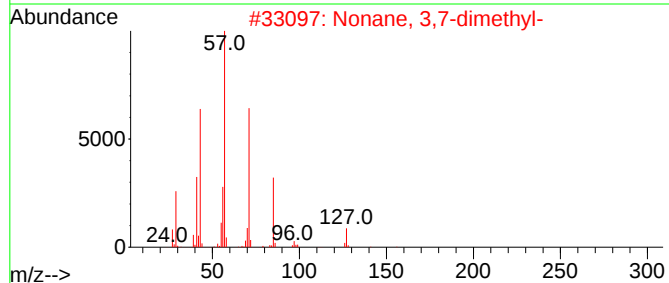
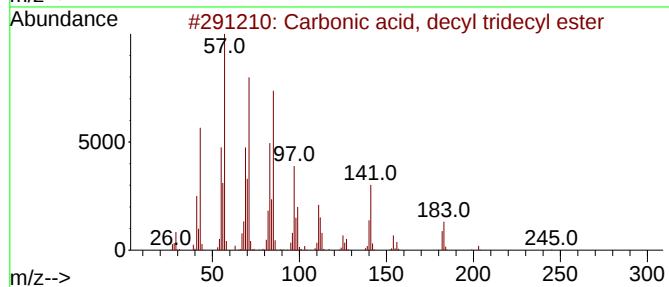
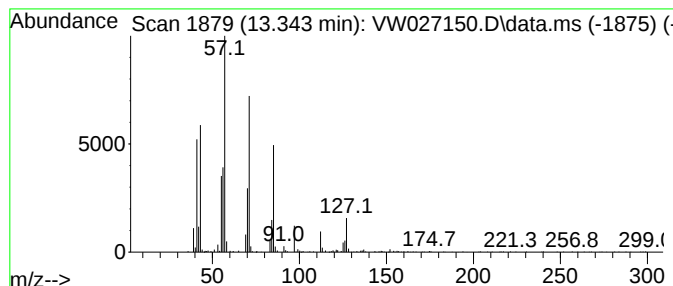
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 Carbonic acid, decyl tridec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.343	6.21 ug/L	246476	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl tridecyl ester	384	C24H48O3	1000383-16-2	78
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	49
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

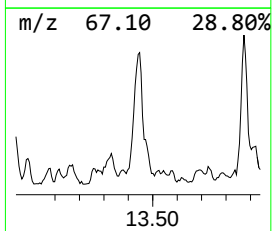
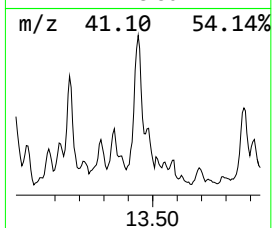
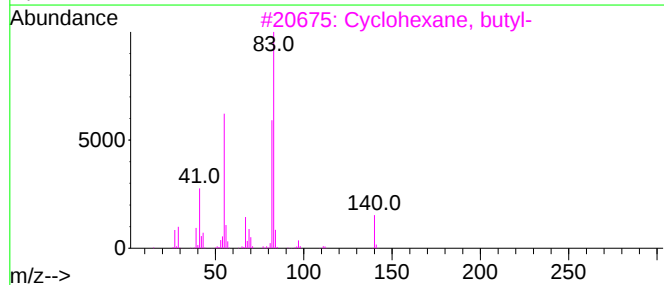
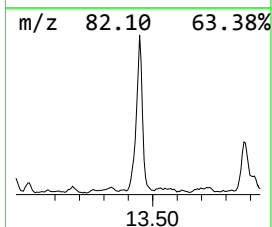
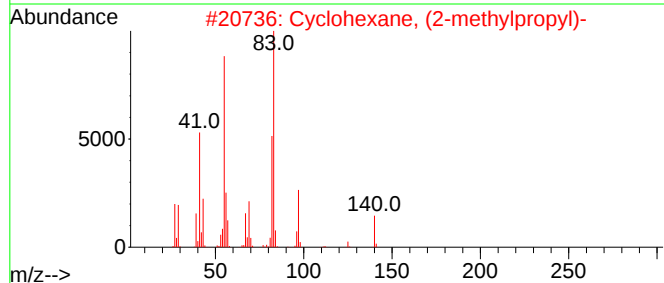
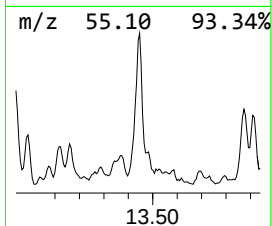
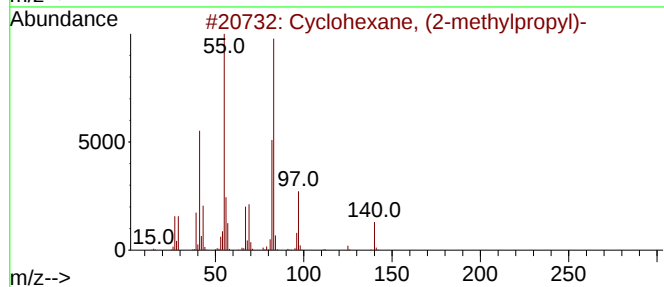
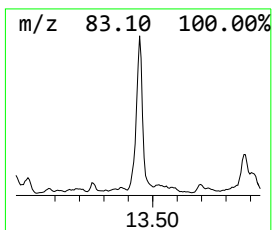
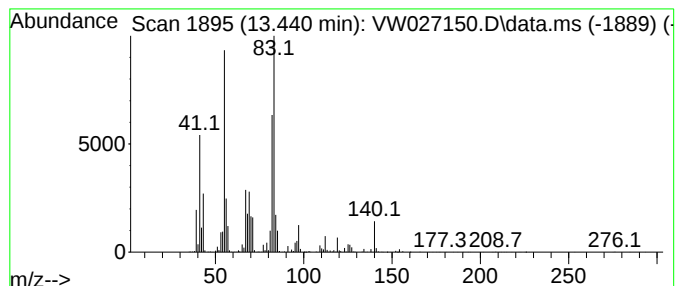
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic13.440 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	35.79 ug/L	1421410	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

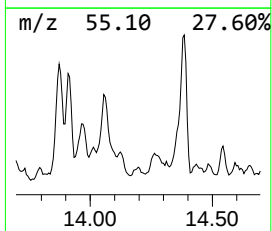
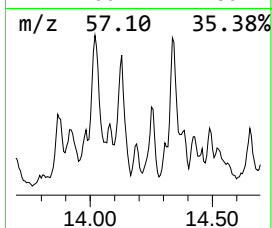
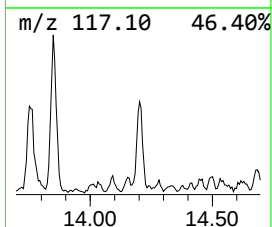
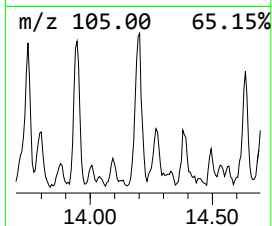
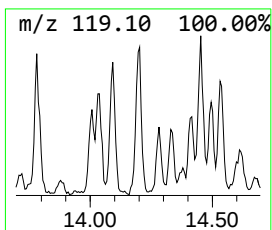
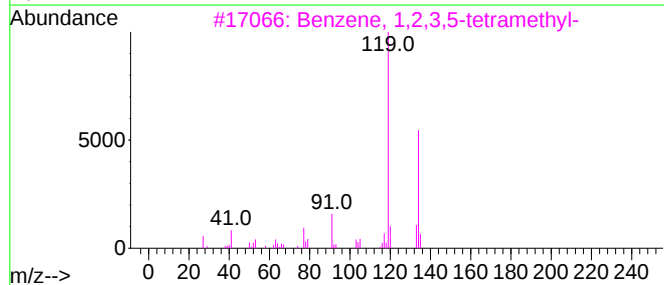
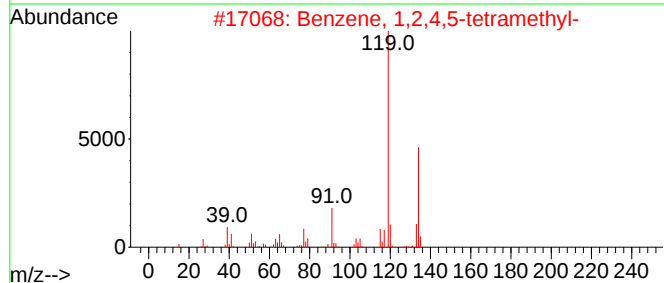
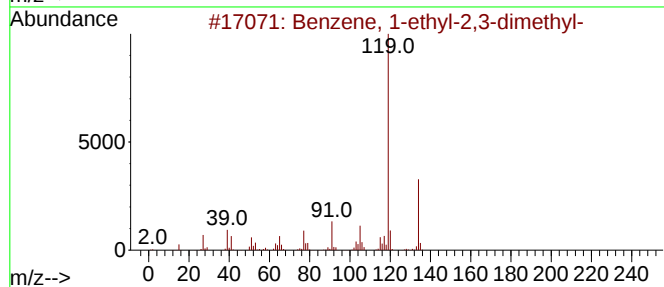
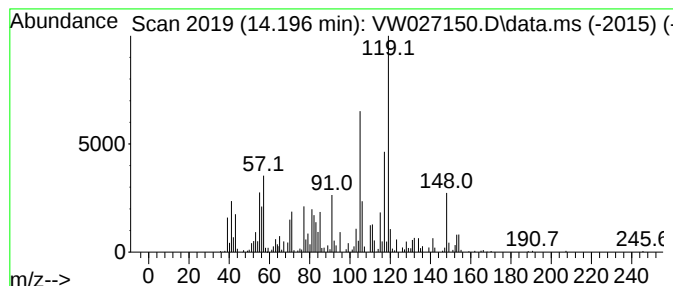
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	4.93 ug/L	195834	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	41
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	41
4			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	41
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

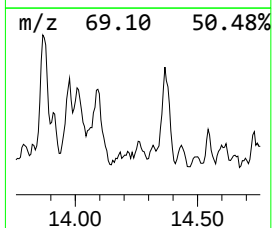
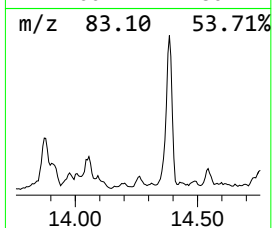
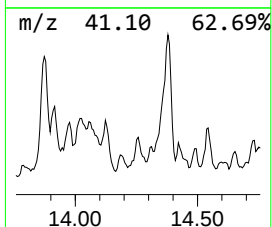
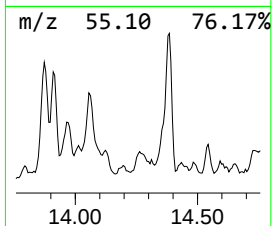
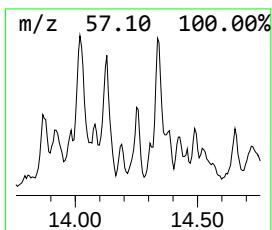
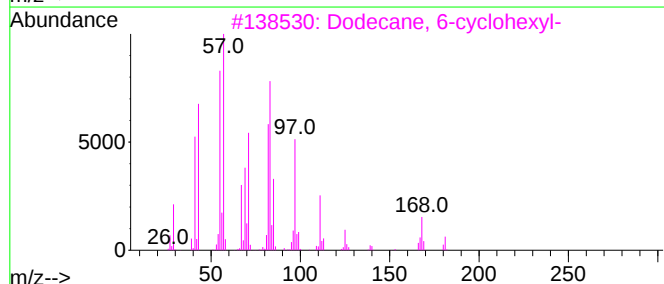
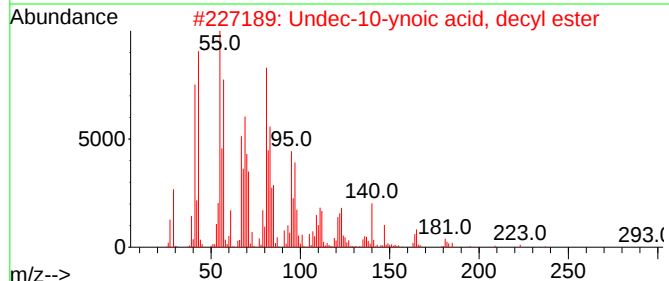
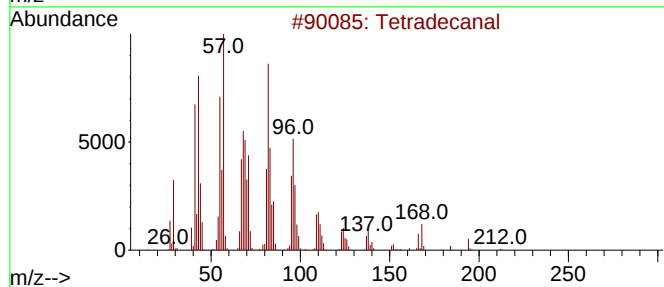
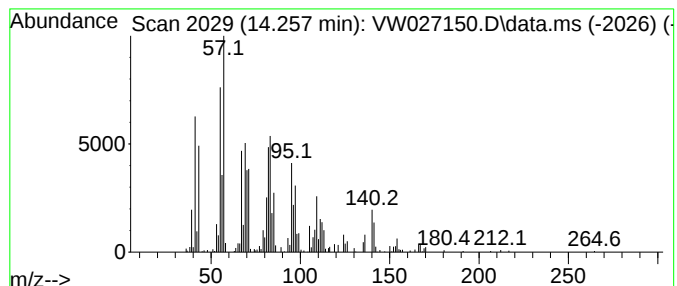
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 Tetradecanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.05 ug/L	200543	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanal	212	C14H28O	000124-25-4	86
2			Undec-10-ynoic acid, decyl ester	322	C21H38O2	1000406-16-3	72
3			Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	49
4			Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	47
5			4-Octadecenal	266	C18H34O	056554-98-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

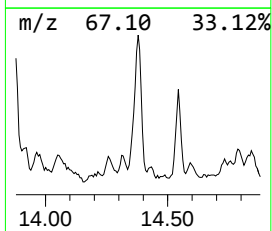
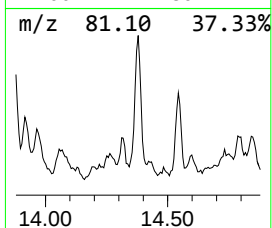
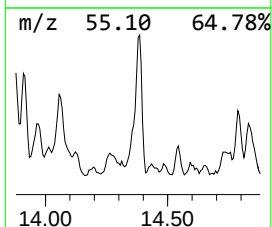
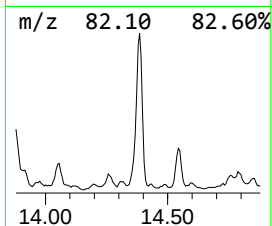
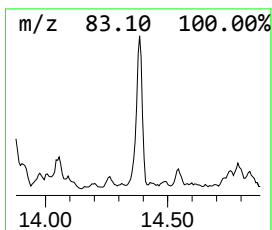
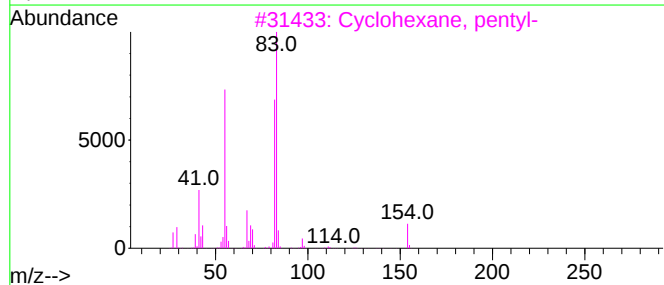
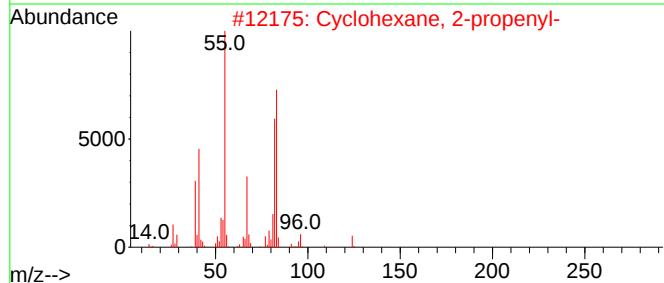
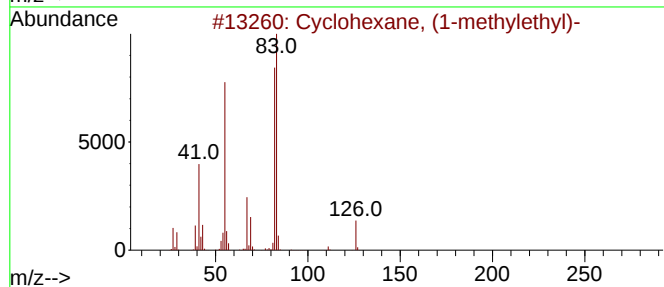
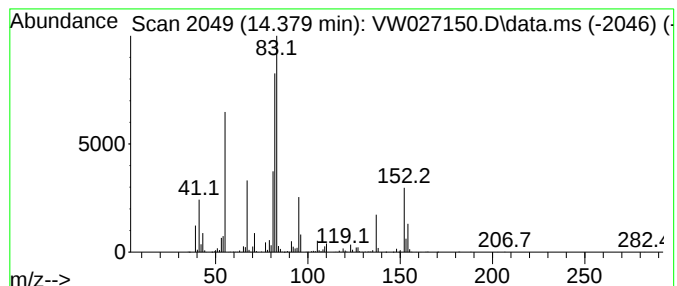
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic14.379 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	24.00 ug/L	953190	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

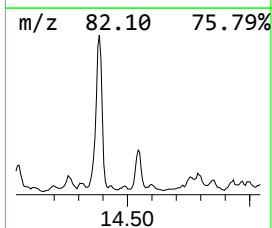
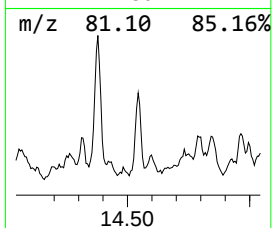
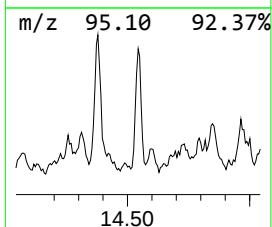
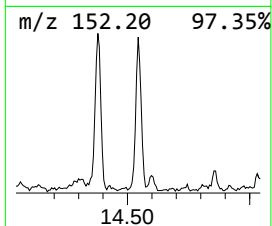
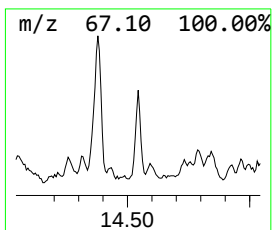
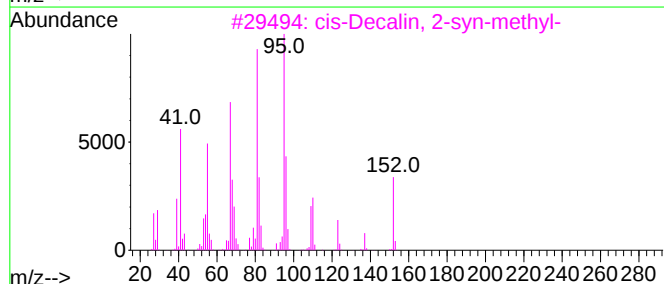
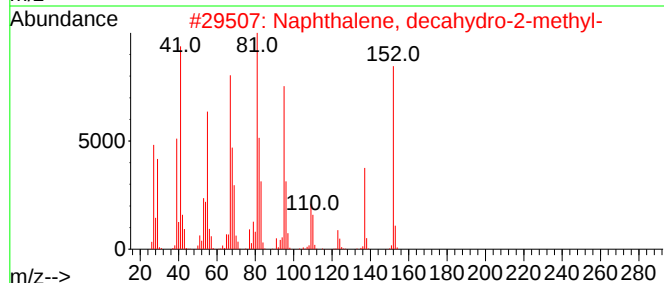
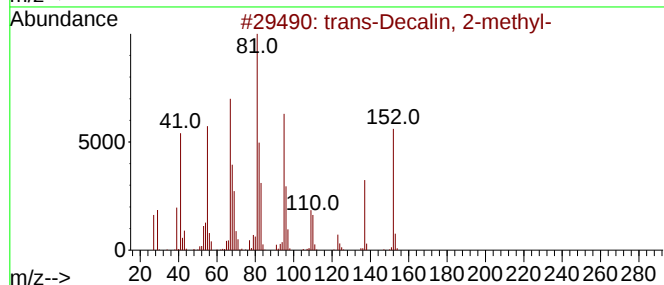
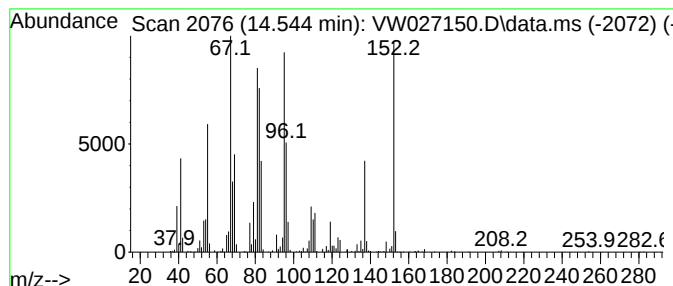
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	9.75 ug/L	387086	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

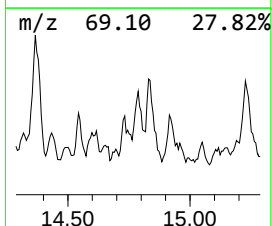
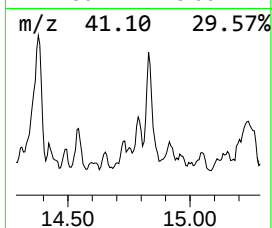
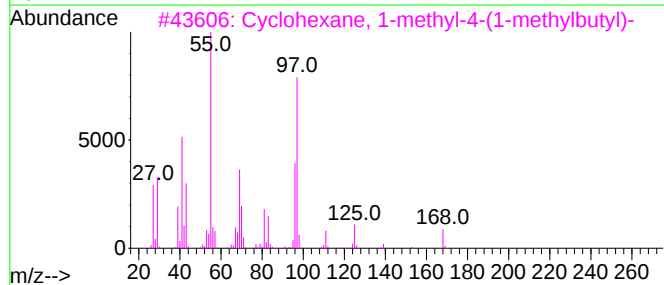
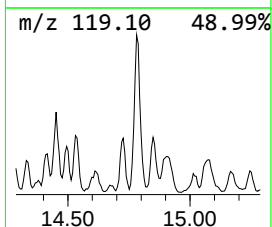
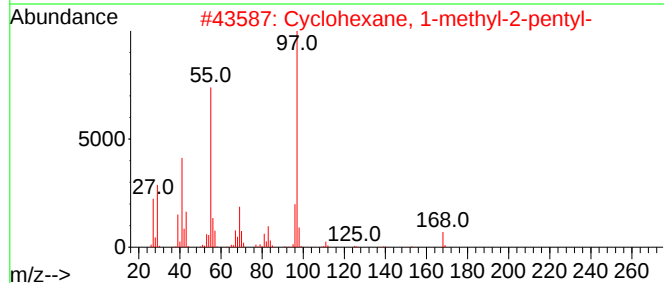
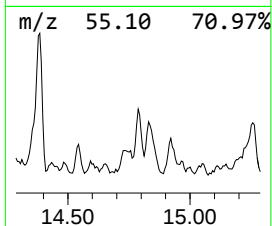
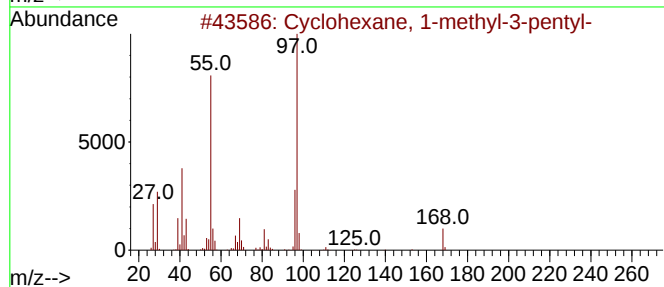
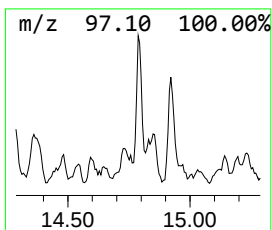
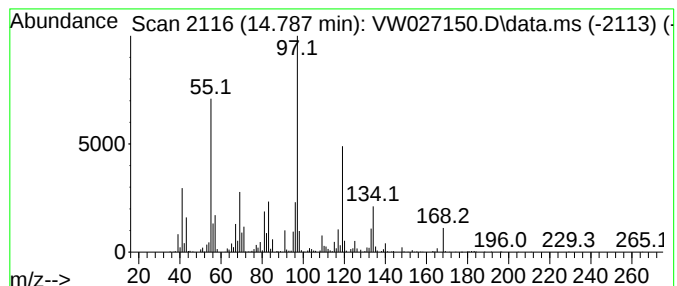
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic14.787 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	8.42 ug/L	334244	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	46
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
3			Cyclohexane, 1-methyl-4-(1-methylbutyl)-	168	C12H24	054411-00-6	46
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	38
5			Sulfurous acid, cyclohexylmethyl-	234	C11H22O3S	1000309-21-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

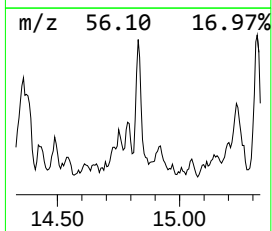
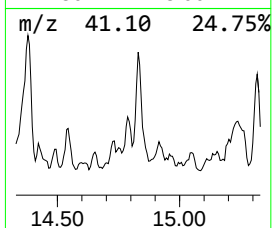
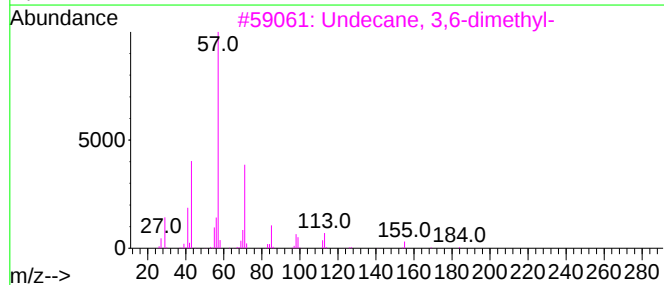
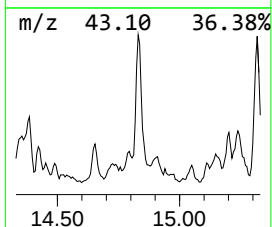
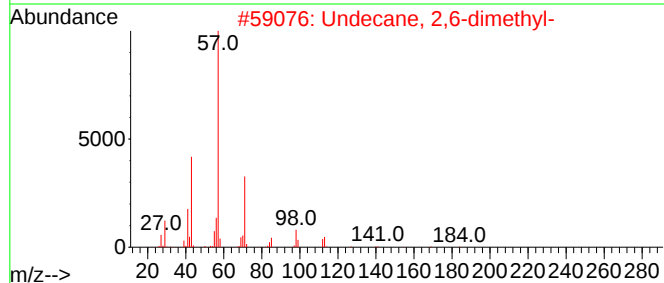
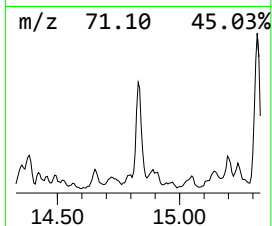
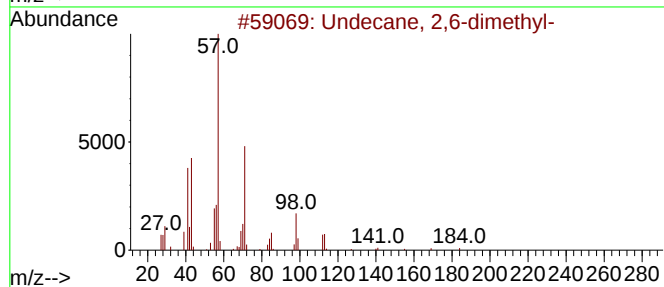
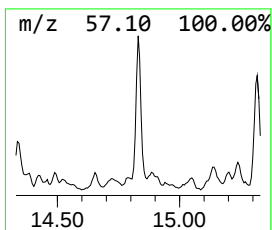
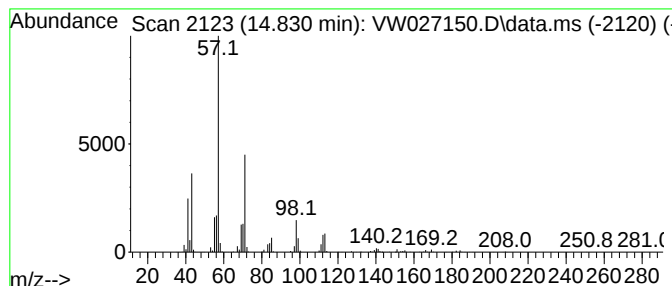
Instrument :
MSVOA_W
ClientSampleId :
EZYM5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.830	19.50 ug/L	774341	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

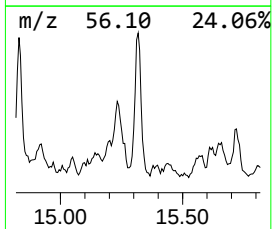
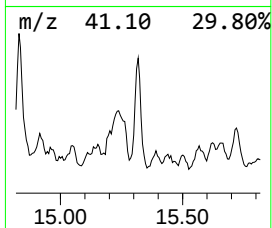
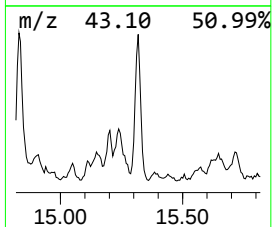
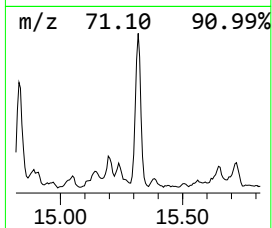
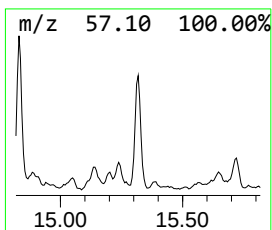
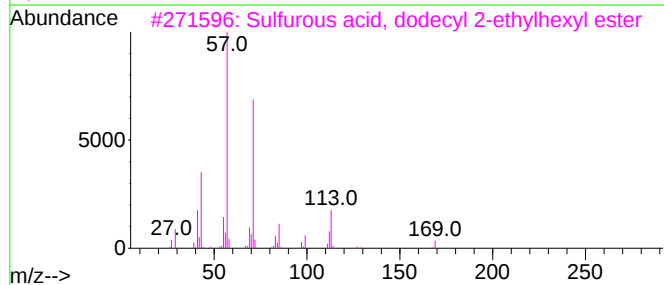
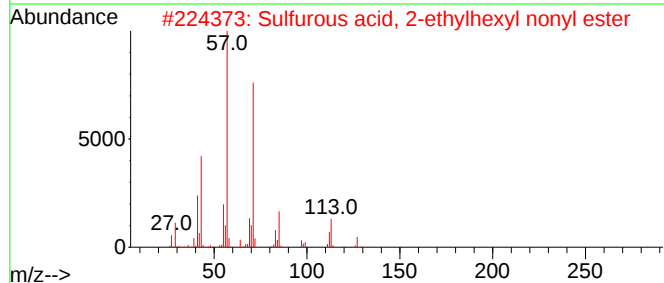
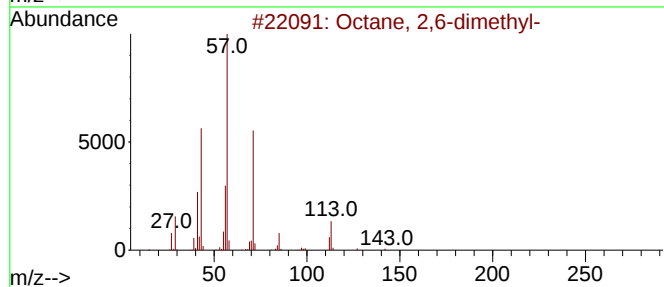
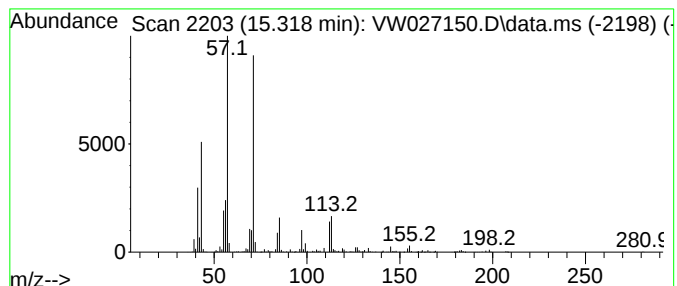
Instrument :
MSVOA_W
ClientSampleId :
EZY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.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 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.318	16.67 ug/L	661984	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	86
2	Sulfurous acid, 2-ethylhexyl non...		320	C17H36O3S	1010309-19-2	72
3	Sulfurous acid, dodecyl 2-ethylh...		362	C20H42O3S	1000309-19-5	72
4	Tridecane, 7-methyl-		198	C14H30	026730-14-3	64
5	Nonane, 2,6-dimethyl-		156	C11H24	017302-28-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY5

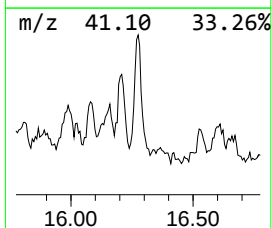
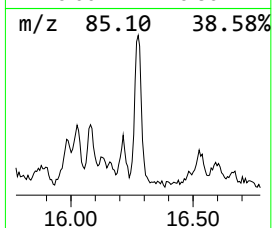
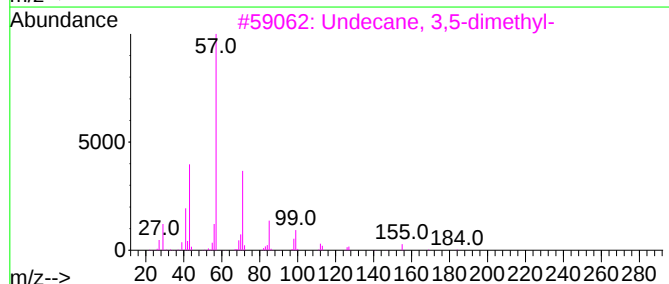
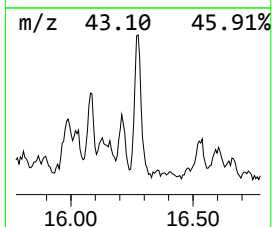
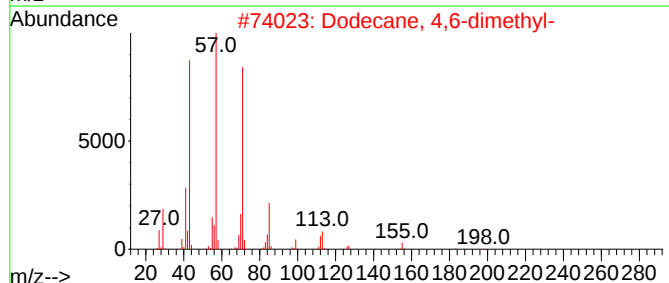
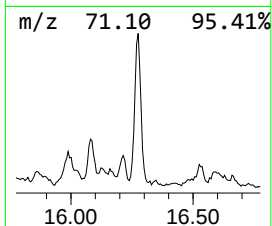
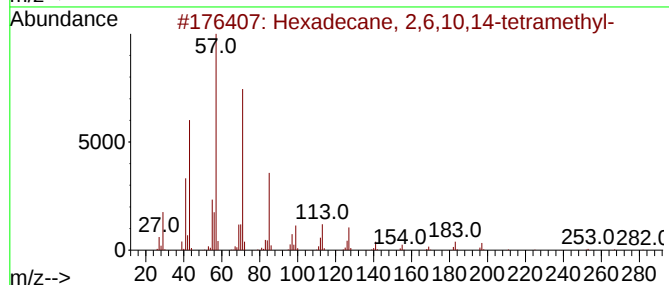
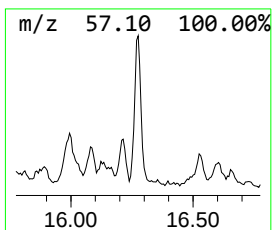
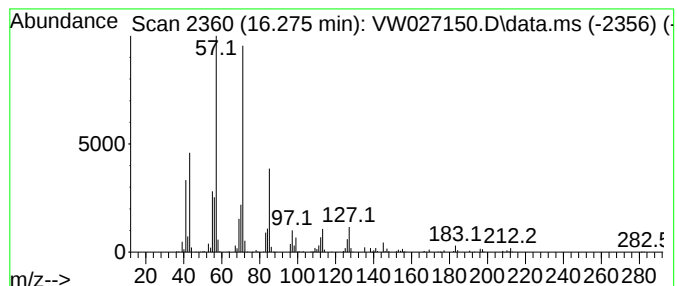
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	10.63 ug/L	422307	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : 04472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethyl-oxetane	5.941	2.4	ug/L	95041	1	8.843	974884	25.0
Thiophene, 2-tr...	10.496	1.3	ug/L	60385	2	11.630	1127310	25.0
(DEL) Alkane: C...	11.227	1.8	ug/L	79176	2	11.630	1127310	25.0
(DEL) Alkane: S...	11.514	2.4	ug/L	108022	2	11.630	1127310	25.0
(DEL) Alkane: S...	12.056	1.4	ug/L	61502	2	11.630	1127310	25.0
(DEL) Alkane: S...	12.251	8.3	ug/L	375414	2	11.630	1127310	25.0
(DEL) Alkane: S...	12.361	31.8	ug/L	1431940	2	11.630	1127310	25.0
(DEL) Alkane: S...	12.538	7.6	ug/L	342729	2	11.630	1127310	25.0
(DEL) Alkane: S...	12.617	3.6	ug/L	142175	3	13.556	992977	25.0
(DEL) Alkane: C...	12.776	9.0	ug/L	356236	3	13.556	992977	25.0
(DEL) Alkane: C...	12.861	7.3	ug/L	291815	3	13.556	992977	25.0
(DEL) Alkane: C...	13.074	6.2	ug/L	246697	3	13.556	992977	25.0
(DEL) Alkane: C...	13.123	7.0	ug/L	277282	3	13.556	992977	25.0
(DEL) Alkane: S...	13.160	19.7	ug/L	782379	3	13.556	992977	25.0
Carbonic acid, ...	13.343	6.2	ug/L	246476	3	13.556	992977	25.0
(DEL) Alkane: C...	13.440	35.8	ug/L	1421410	3	13.556	992977	25.0
unknown-01	14.196	4.9	ug/L	195834	3	13.556	992977	25.0
Tetradecanal	14.257	5.0	ug/L	200543	3	13.556	992977	25.0
(DEL) Alkane: C...	14.379	24.0	ug/L	953190	3	13.556	992977	25.0
trans-Decalin, ...	14.544	9.8	ug/L	387086	3	13.556	992977	25.0
(DEL) Alkane: C...	14.787	8.4	ug/L	334244	3	13.556	992977	25.0
(DEL) Alkane: S...	14.830	19.5	ug/L	774341	3	13.556	992977	25.0
(DEL) Alkane: S...	15.318	16.7	ug/L	661984	3	13.556	992977	25.0
(DEL) Alkane: S...	16.275	10.6	ug/L	422307	3	13.556	992977	25.0