

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026470.D
 Acq On : 30 Jun 2023 14:17
 Operator : SY/MD
 Sample : 03452-16RE
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46P8RE

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026470.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	68	78	91	rBV	135085	386562	13.25%	1.438%
2	2.625	116	121	122	rBV5	4898	8060	0.28%	0.030%
3	2.893	156	165	180	rBV	118044	357031	12.24%	1.328%
4	3.027	182	187	195	rVB2	17303	40864	1.40%	0.152%
5	3.387	239	246	254	rBV2	13586	33348	1.14%	0.124%
6	3.515	264	267	268	rBV2	3284	2818	0.10%	0.010%
7	3.533	268	270	276	rVB3	3194	5725	0.20%	0.021%
8	3.686	289	295	297	rBV7	1541	3414	0.12%	0.013%
9	3.844	315	321	322	rBV4	1687	2515	0.09%	0.009%
10	4.021	337	350	360	rBV	286491	948622	32.51%	3.529%
11	4.118	360	366	382	rVB	125016	351400	12.04%	1.307%
12	4.387	401	410	424	rVV3	29272	98156	3.36%	0.365%
13	4.655	452	454	455	rVV2	1501	1221	0.04%	0.005%
14	4.673	455	457	458	rVV2	2910	2480	0.08%	0.009%
15	4.783	473	475	480	rVB5	1011	1236	0.04%	0.005%
16	4.923	485	498	521	rBV4	26005	154620	5.30%	0.575%
17	5.131	530	532	533	rVV2	1607	1248	0.04%	0.005%
18	5.155	533	536	538	rVV4	1749	2632	0.09%	0.010%
19	5.173	538	539	543	rVV4	1628	1335	0.05%	0.005%
20	5.417	575	579	581	rBV5	2209	2715	0.09%	0.010%
21	5.435	581	582	585	rVV3	1876	1470	0.05%	0.005%
22	5.758	623	635	643	rBV7	6676	26281	0.90%	0.098%
23	5.941	657	665	674	rBV5	6476	19604	0.67%	0.073%
24	6.106	688	692	694	rBV4	1149	1677	0.06%	0.006%
25	6.130	694	696	701	rVB6	930	1192	0.04%	0.004%
26	6.289	717	722	726	rBV4	919	1701	0.06%	0.006%
27	6.417	738	743	744	rBV4	1277	1944	0.07%	0.007%
28	6.588	767	771	778	rBV8	1179	3112	0.11%	0.012%
29	6.892	814	821	822	rBV4	2079	3659	0.13%	0.014%
30	6.984	832	836	842	rVB8	2409	4347	0.15%	0.016%
31	7.075	842	851	858	rBV2	120115	340252	11.66%	1.266%
32	7.514	918	923	925	rBV5	1720	2882	0.10%	0.011%
33	7.557	927	930	933	rVB4	1260	1593	0.05%	0.006%
34	7.648	933	945	958	rBV	479104	1178842	40.40%	4.385%
35	7.764	962	964	968	rVB5	1130	1426	0.05%	0.005%
36	7.923	985	990	991	rVV5	2951	5067	0.17%	0.019%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026470.D
 Acq On : 30 Jun 2023 14:17
 Operator : SY/MD
 Sample : 03452-16RE
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46P8RE

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	7.953	993	995	1001	rVB7	3619	5345	0.18%	0.020%
38	8.026	1001	1007	1014	rBV7	2622	7021	0.24%	0.026%
39	8.154	1019	1028	1032	rBV7	6296	12589	0.43%	0.047%
40	8.276	1036	1048	1065	rBV2	973181	2918007	100.00%	10.855%
41	8.386	1065	1066	1071	rBV5	1838	2974	0.10%	0.011%
42	8.423	1071	1072	1077	rVB5	1597	1738	0.06%	0.006%
43	8.575	1093	1097	1105	rVB9	3854	8090	0.28%	0.030%
44	8.691	1109	1116	1123	rBV5	8107	21406	0.73%	0.080%
45	8.843	1131	1141	1154	rBV	1049059	2116544	72.53%	7.874%
46	9.032	1169	1172	1175	rBV5	6773	12198	0.42%	0.045%
47	9.270	1203	1211	1219	rBV	653377	1361124	46.65%	5.063%
48	9.331	1219	1221	1229	rVB4	29148	51292	1.76%	0.191%
49	9.611	1258	1267	1269	rBV8	5121	14125	0.48%	0.053%
50	9.654	1270	1274	1279	rVV6	7521	13973	0.48%	0.052%
51	9.752	1284	1290	1295	rBV5	12556	26761	0.92%	0.100%
52	9.892	1307	1313	1318	rBV4	10645	23448	0.80%	0.087%
53	9.953	1319	1323	1326	rBV3	13417	22113	0.76%	0.082%
54	10.032	1330	1336	1343	rVV	314171	551395	18.90%	2.051%
55	10.239	1368	1370	1371	rBV2	3600	3215	0.11%	0.012%
56	10.325	1376	1384	1390	rBV	1123684	2039455	69.89%	7.587%
57	10.386	1390	1394	1401	rVB	73747	129886	4.45%	0.483%
58	10.501	1408	1413	1419	rVB3	29441	52966	1.82%	0.197%
59	10.575	1419	1425	1435	rBV	189196	340620	11.67%	1.267%
60	10.703	1435	1446	1452	rBV2	429832	827308	28.35%	3.078%
61	10.861	1464	1472	1477	rBV3	158681	308851	10.58%	1.149%
62	10.922	1477	1482	1494	rVB	346931	598357	20.51%	2.226%
63	11.068	1502	1506	1510	rBV3	32833	48293	1.65%	0.180%
64	11.172	1520	1523	1528	rVB	24122	35287	1.21%	0.131%
65	11.227	1528	1532	1537	rBV5	30853	55123	1.89%	0.205%
66	11.507	1576	1578	1583	rVB4	12076	14228	0.49%	0.053%
67	11.629	1591	1598	1605	rBV	958201	1607867	55.10%	5.981%
68	11.709	1605	1611	1623	rVB	320965	526340	18.04%	1.958%
69	11.831	1628	1631	1635	rBV3	17706	30991	1.06%	0.115%
70	12.093	1670	1674	1677	rBV	40180	64542	2.21%	0.240%
71	12.184	1685	1689	1695	rVB3	64297	111222	3.81%	0.414%
72	12.251	1696	1700	1704	rVB	63384	101990	3.50%	0.379%
73	12.361	1706	1718	1726	rBV4	75600	241063	8.26%	0.897%
74	12.605	1752	1758	1766	rVB	453239	922231	31.60%	3.431%
75	12.690	1766	1772	1778	rBV	356210	607252	20.81%	2.259%
76	12.775	1782	1786	1792	rVB3	82582	161653	5.54%	0.601%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026470.D
 Acq On : 30 Jun 2023 14:17
 Operator : SY/MD
 Sample : 03452-16RE
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46P8RE

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

77	12.861	1794	1800	1803	rBV2	53583	116493	3.99%	0.433%
78	12.940	1807	1813	1816	rBV6	85531	206908	7.09%	0.770%
79	13.123	1839	1843	1846	rBV2	78963	124724	4.27%	0.464%
80	13.184	1851	1853	1862	rVB4	77425	167906	5.75%	0.625%
81	13.288	1867	1870	1875	rVB	88922	131200	4.50%	0.488%
82	13.379	1882	1885	1886	rBV3	33411	41009	1.41%	0.153%
83	13.403	1886	1889	1892	rVV2	69336	104921	3.60%	0.390%
84	13.556	1909	1914	1918	rBV	320020	502097	17.21%	1.868%
85	13.598	1918	1921	1927	rVB3	109644	196969	6.75%	0.733%
86	13.696	1931	1937	1941	rBV4	103986	221936	7.61%	0.826%
87	13.855	1957	1963	1971	rBV2	313107	929742	31.86%	3.459%
88	13.976	1980	1983	1987	rBV4	64470	93590	3.21%	0.348%
89	14.062	1994	1997	2002	rVB3	100423	142634	4.89%	0.531%
90	14.184	2014	2017	2022	rBV2	68258	104618	3.59%	0.389%
91	14.257	2025	2029	2035	rVB5	128167	216314	7.41%	0.805%
92	14.318	2035	2039	2043	rVB3	66353	104668	3.59%	0.389%
93	14.379	2044	2049	2054	rBV3	255229	442814	15.18%	1.647%
94	14.495	2063	2068	2072	rBV4	152538	344678	11.81%	1.282%
95	14.732	2104	2107	2112	rBV5	66533	123385	4.23%	0.459%
96	14.793	2113	2117	2119	rVV3	139732	233826	8.01%	0.870%
97	14.842	2122	2125	2135	rVB4	287890	633423	21.71%	2.356%
98	15.318	2199	2203	2210	rVB	490057	823023	28.20%	3.062%
99	15.391	2210	2215	2220	rBV6	120225	283751	9.72%	1.056%
100	16.275	2355	2360	2368	rVB	291965	591229	20.26%	2.199%

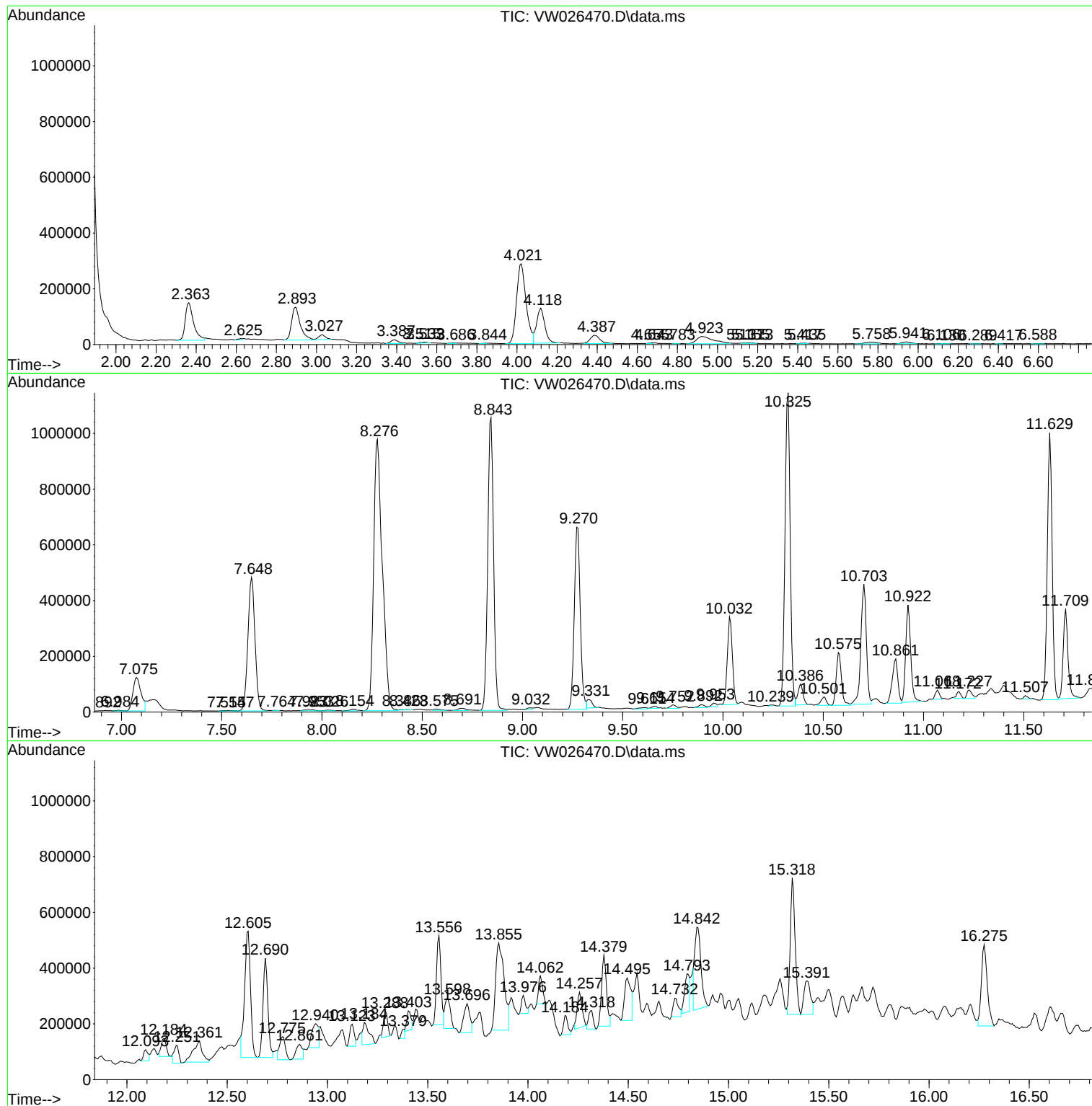
Sum of corrected areas: 26881792

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

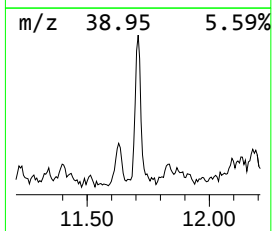
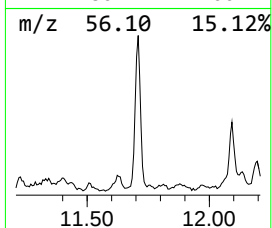
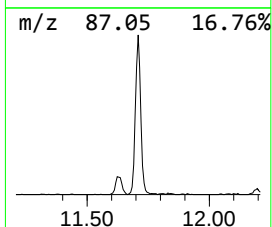
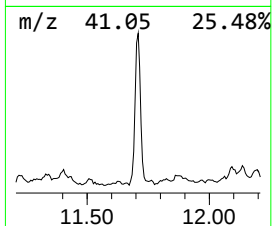
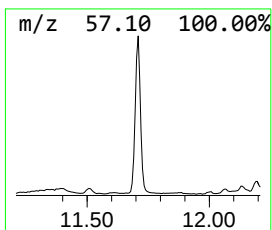
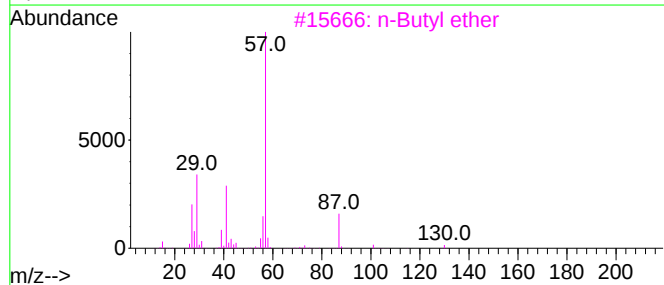
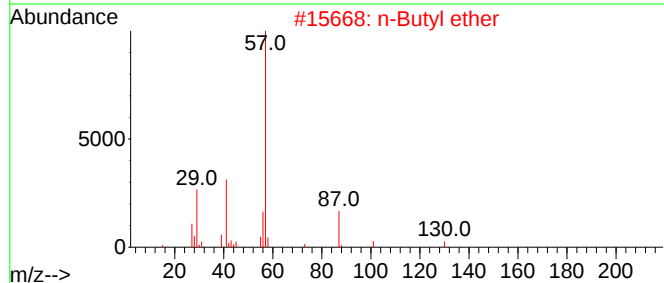
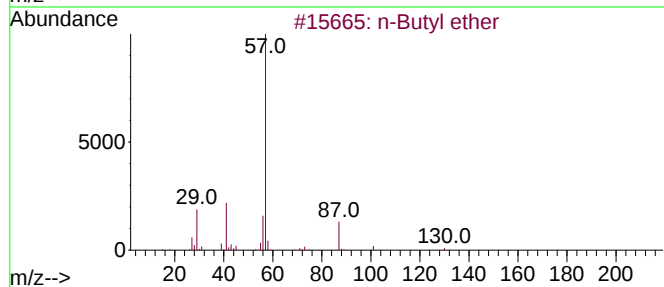
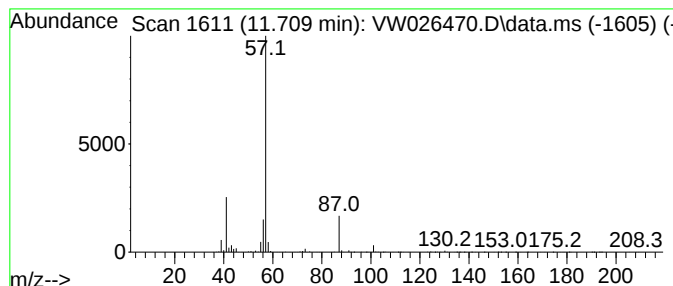
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 n-Butyl ether Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	8.18 ug/L	526340	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Butyl ether	130	C8H18O	000142-96-1	90
2			n-Butyl ether	130	C8H18O	000142-96-1	78
3			n-Butyl ether	130	C8H18O	000142-96-1	78
4			n-Butyl ether	130	C8H18O	000142-96-1	64
5			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

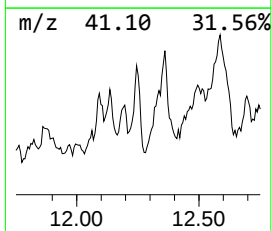
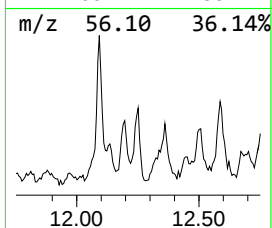
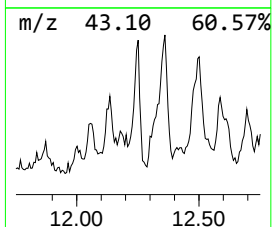
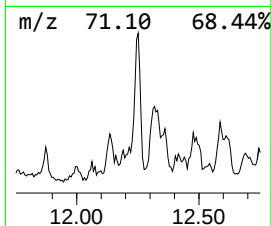
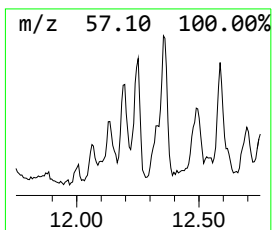
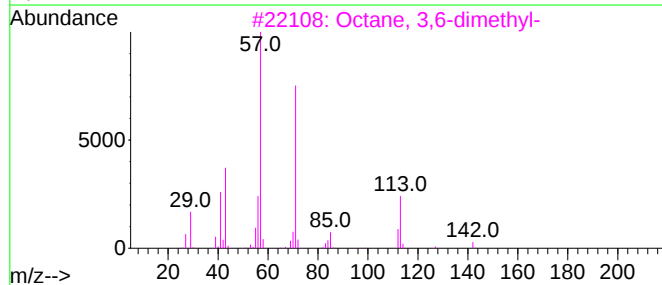
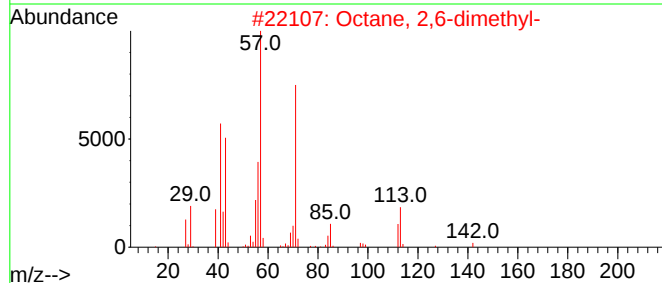
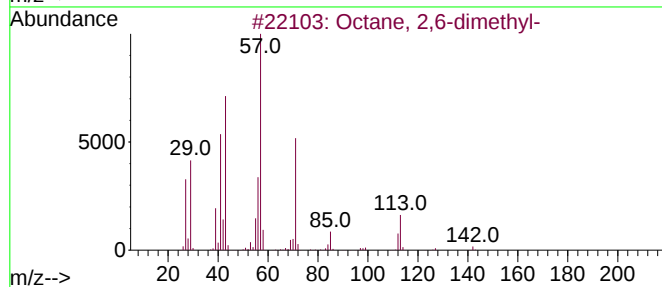
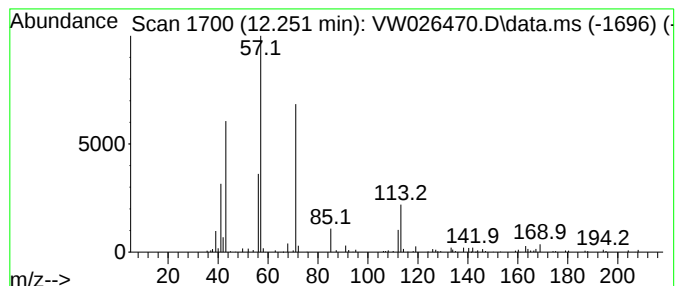
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.251	1.59 ug/L	101990	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

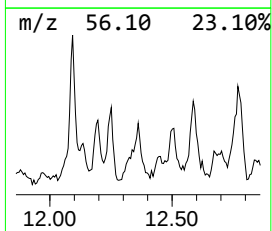
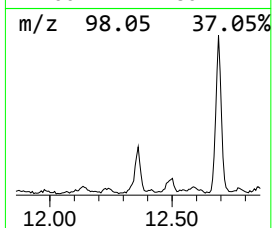
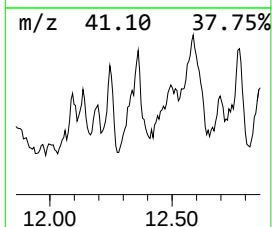
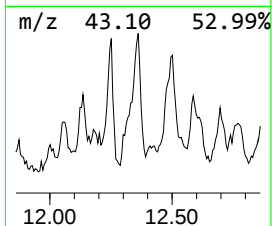
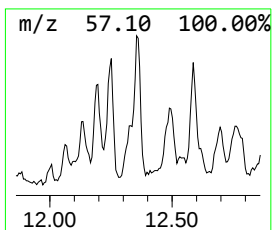
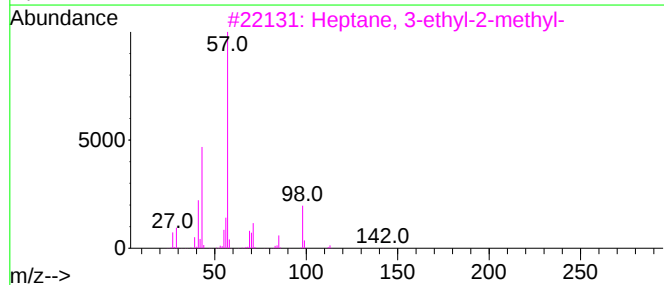
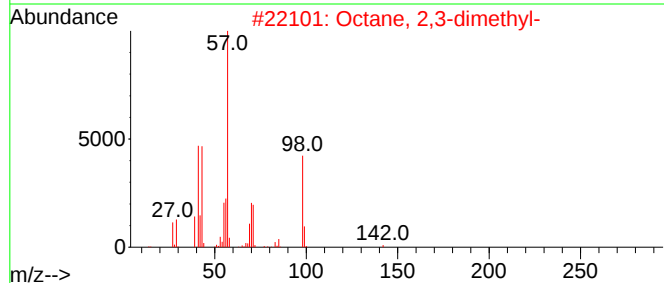
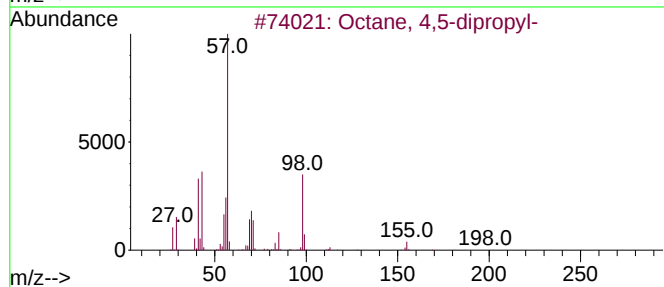
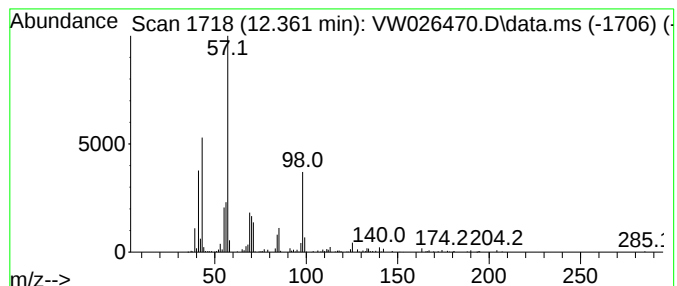
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.361	3.75 ug/L	241063	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-		198	C14H30	020905-05-9	80
2	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	64
3	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	59
4	Octane, 2,5,6-trimethyl-		156	C11H24	062016-14-2	53
5	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

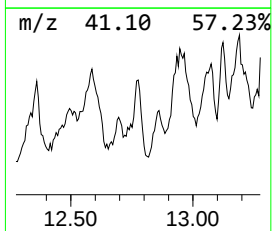
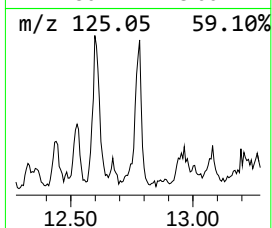
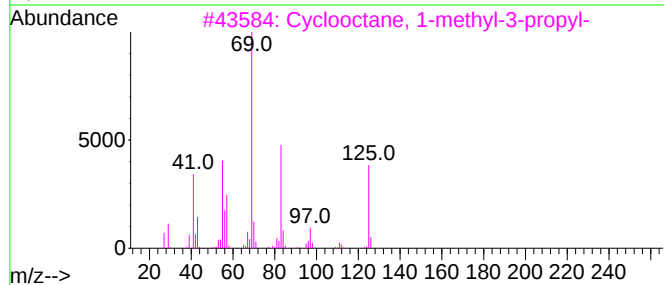
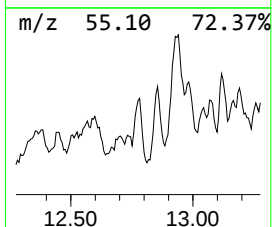
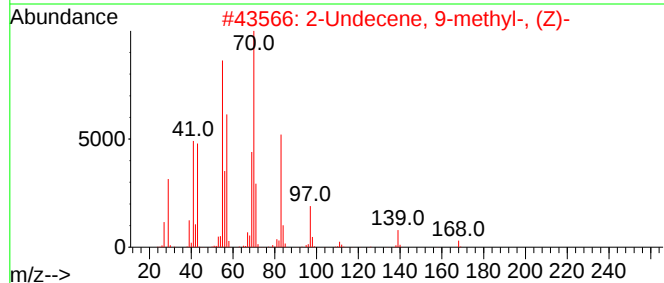
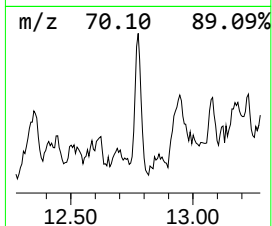
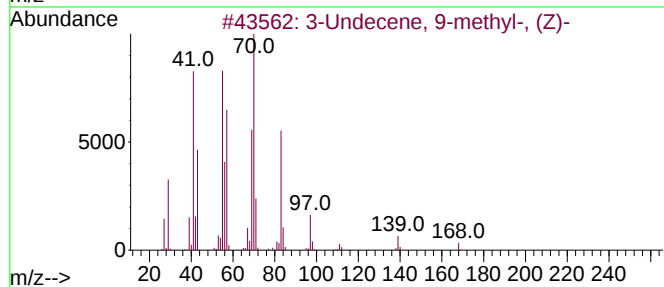
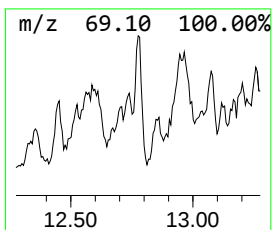
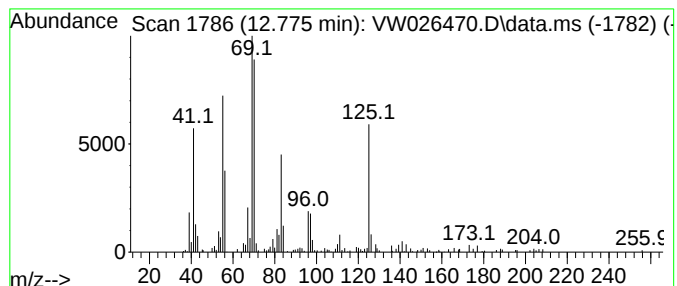
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.775	8.05 ug/L	161653	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-50-5	55
2	2-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-45-8	50
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
5	1-Decene, 8-methyl-	154	C11H22	061142-79-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

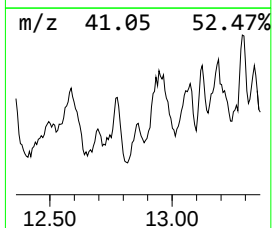
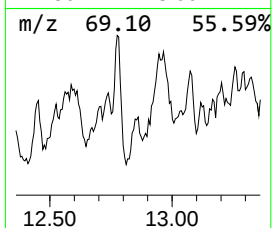
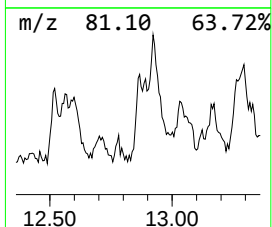
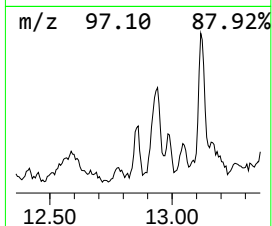
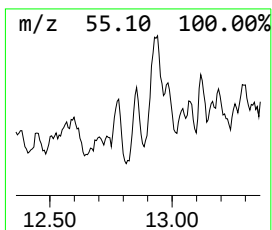
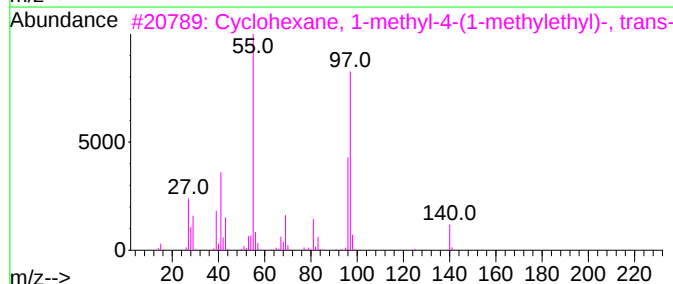
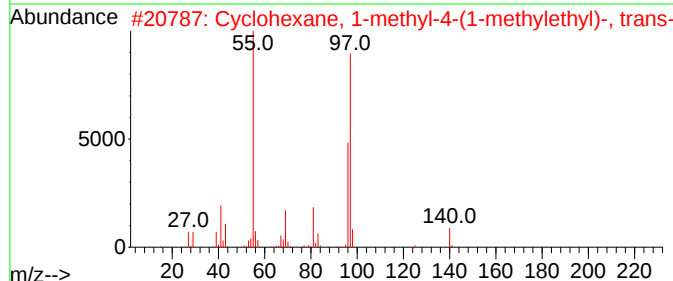
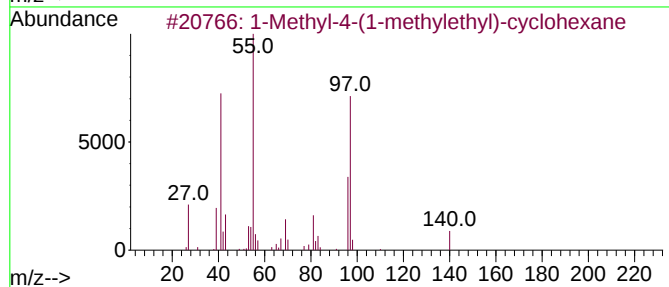
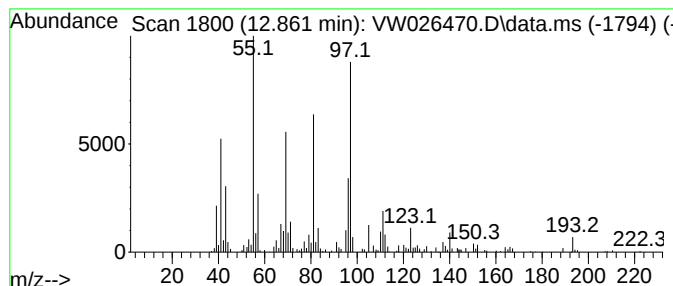
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.861 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	5.80 ug/L	116493	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

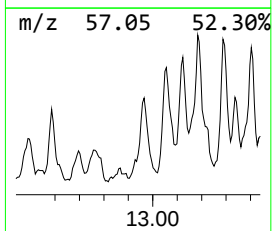
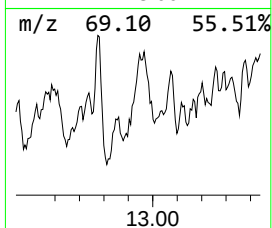
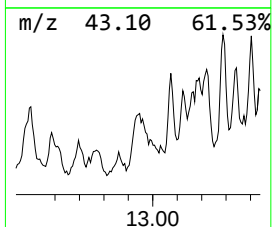
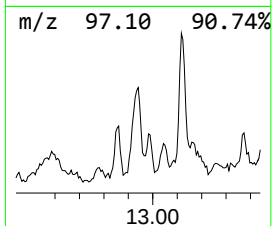
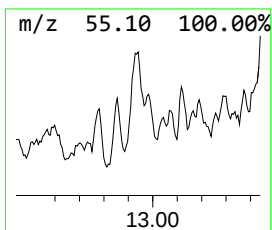
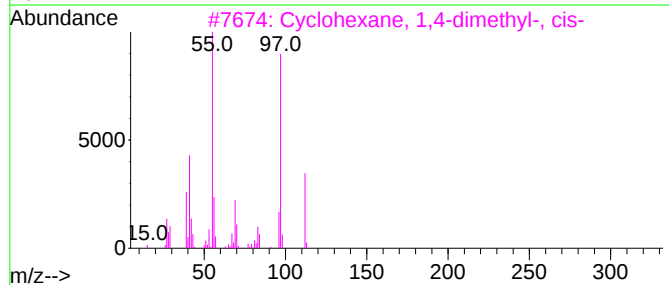
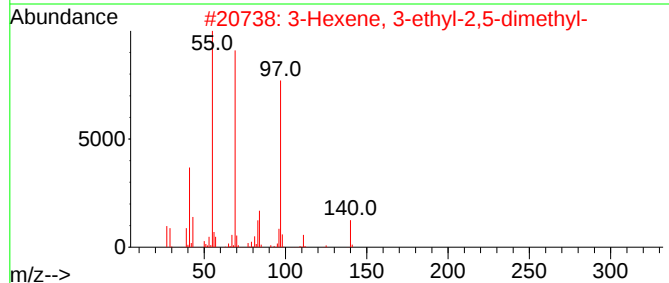
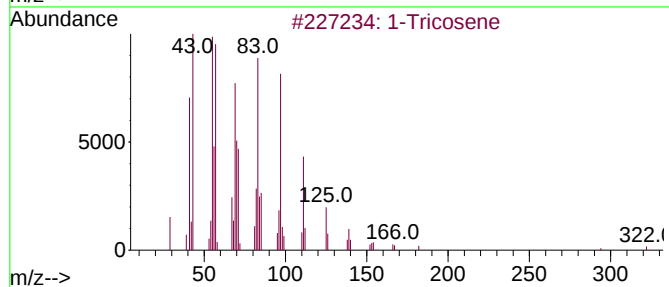
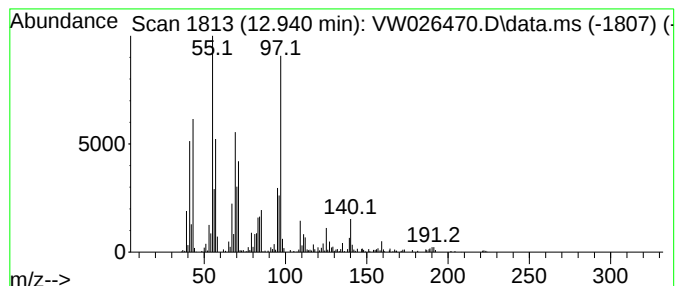
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.940	10.30 ug/L	206908	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	46
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	38
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
5	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

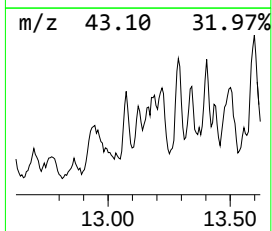
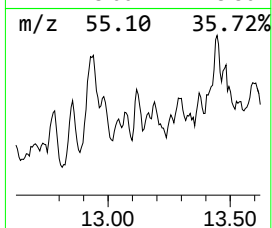
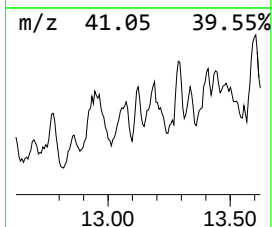
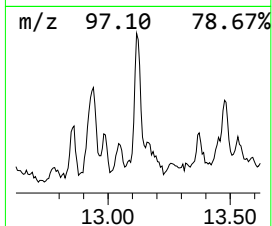
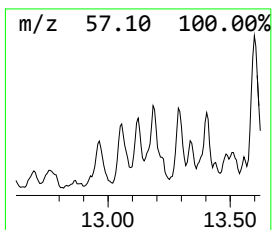
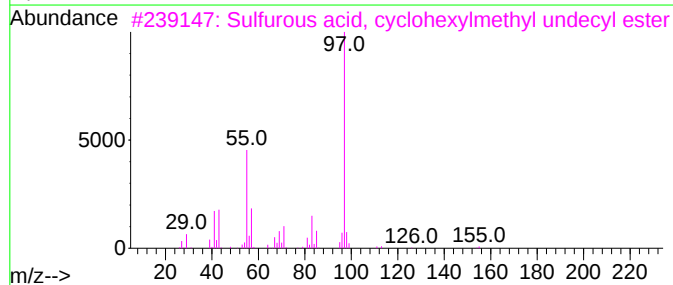
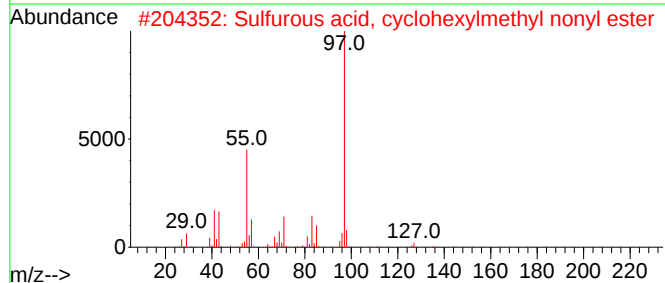
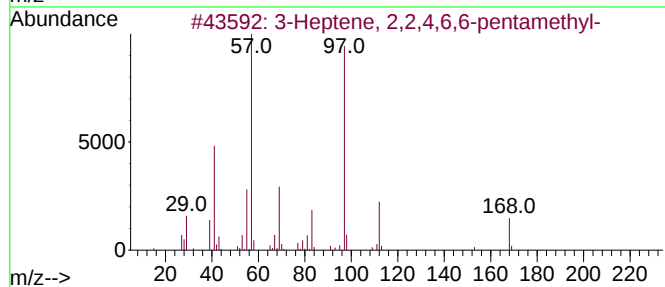
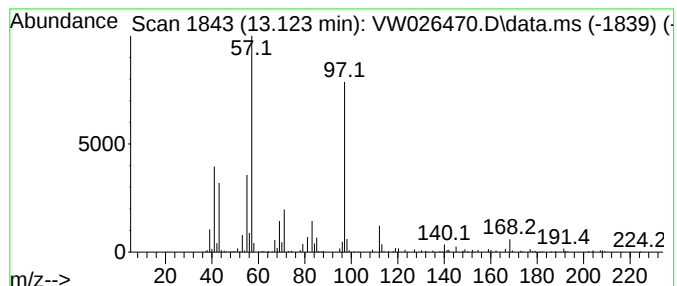
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.123	6.21 ug/L	124724	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	68
2	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	50
3	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50
4	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	50
5	Pentane, 2-isocyano-2,4,4-trimet...	139	C9H17N	014542-93-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

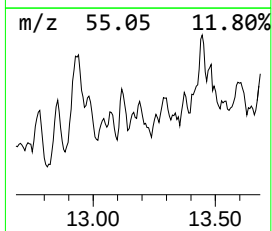
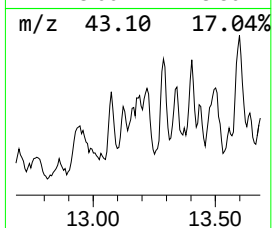
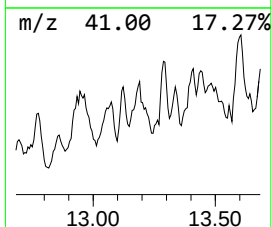
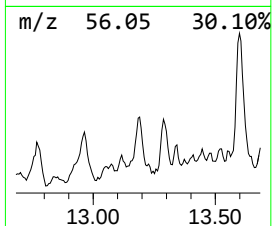
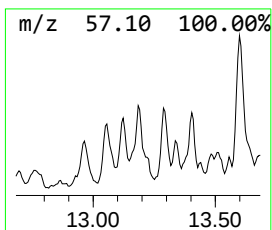
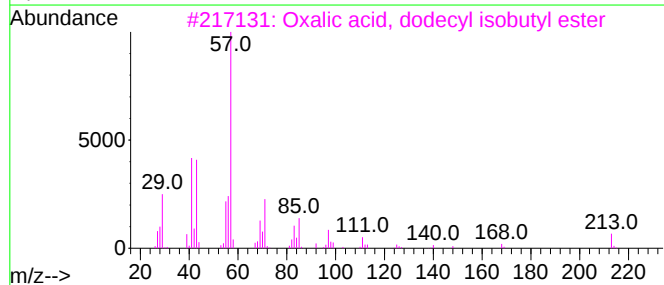
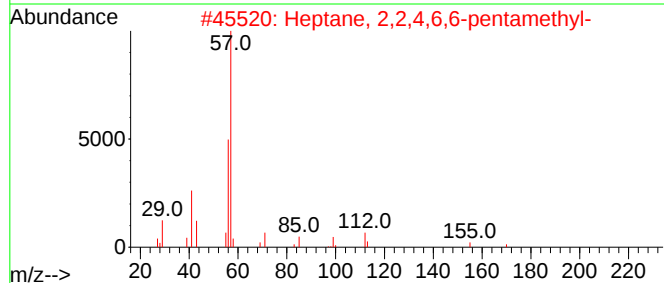
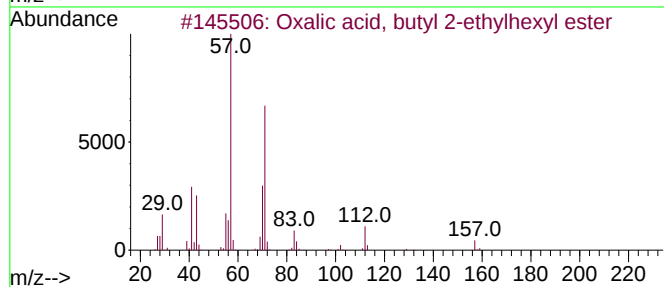
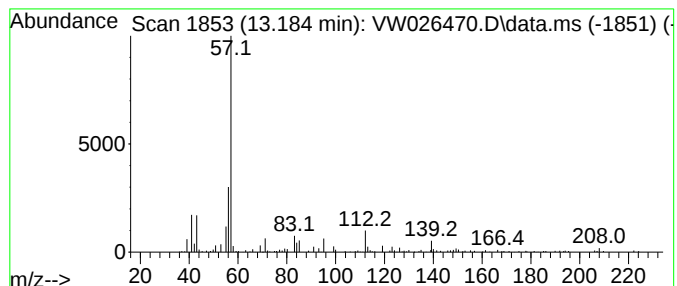
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.184	8.36 ug/L	167906	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	37
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	32
3			Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	28
4			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	25
5			Tridecane, 2,2,4,10,12,12-hexame...	394	C28H58	003035-75-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

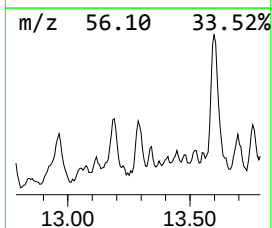
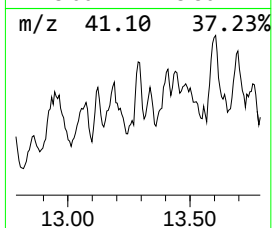
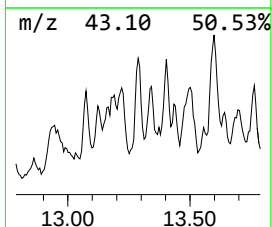
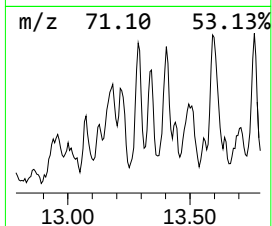
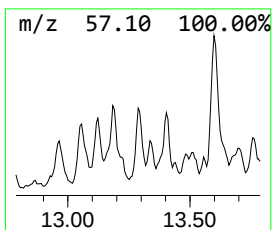
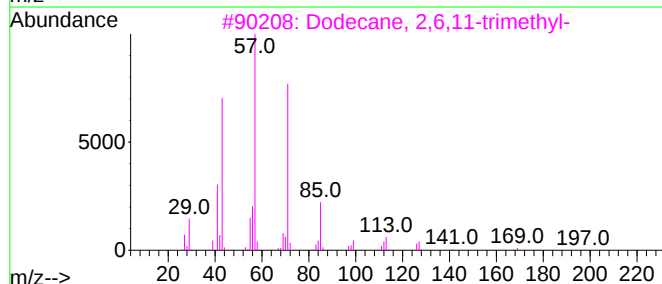
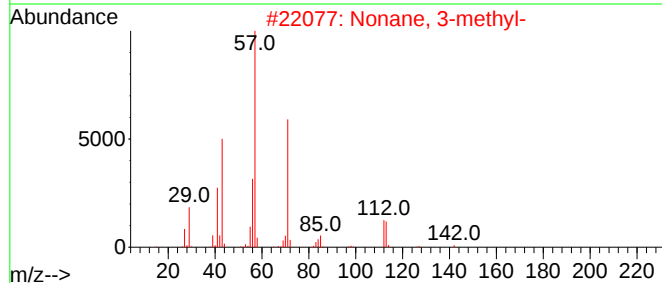
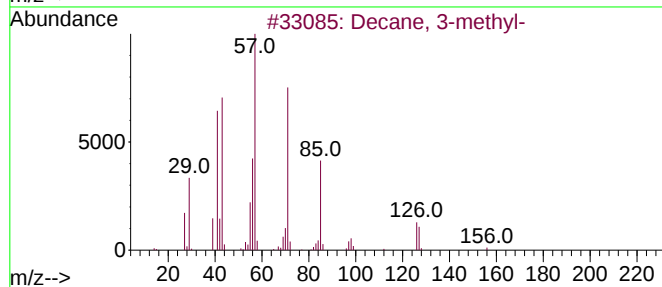
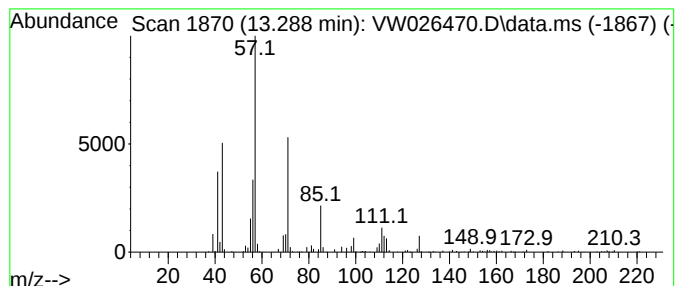
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	6.53 ug/L	131200	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	58
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

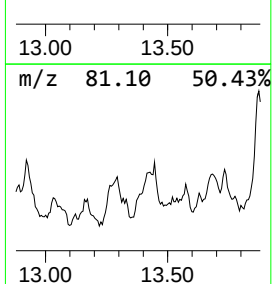
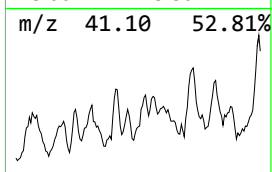
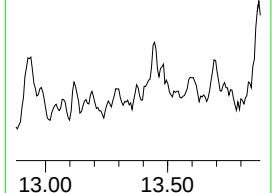
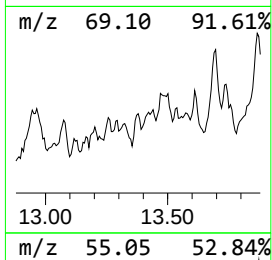
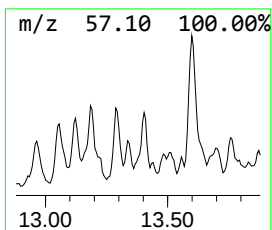
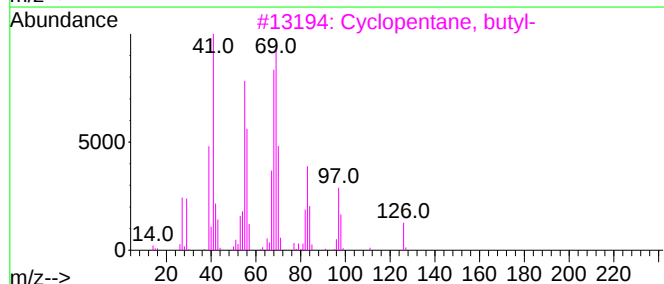
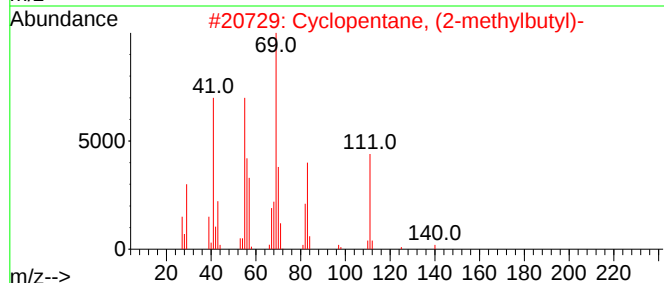
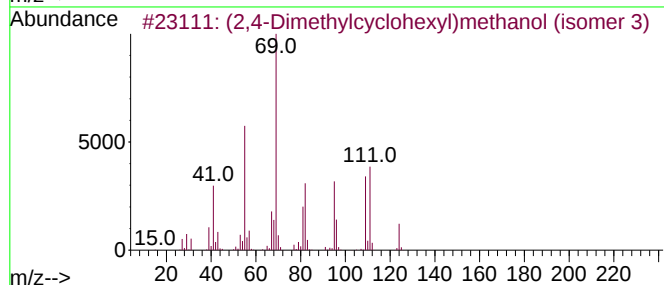
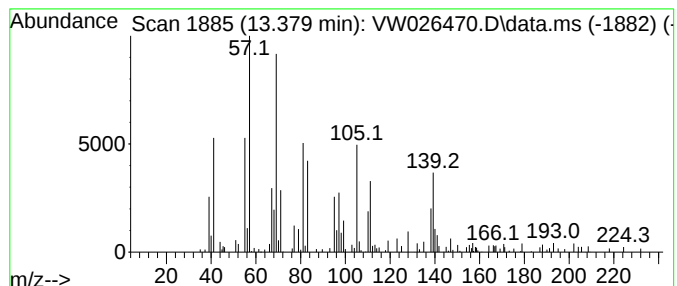
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	2.04 ug/L	41009	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-8	38
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	37
3			Cyclopentane, butyl-	126	C9H18	002040-95-1	37
4			Cyclobutanecarboxylic acid, oct-...	210	C13H22O2	1000299-13-2	35
5			Cyclopentane carboxylic acid hyd...	128	C6H12N2O	003400-07-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

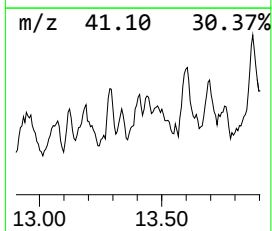
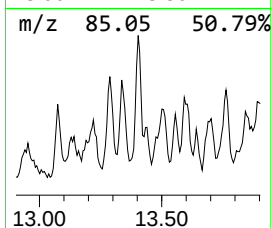
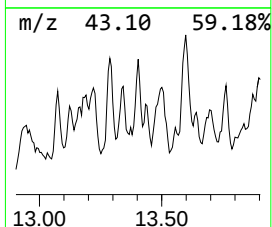
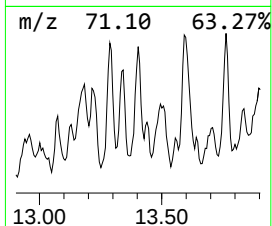
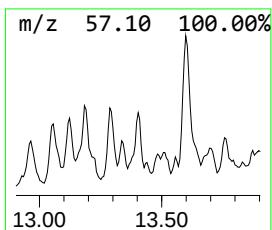
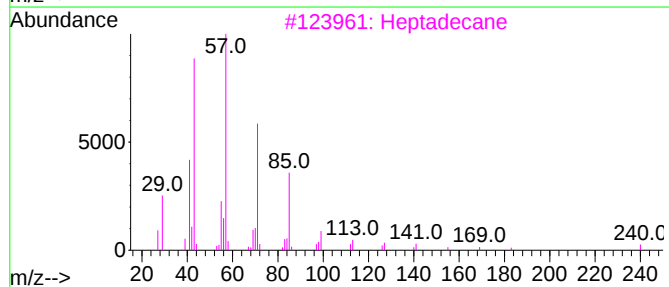
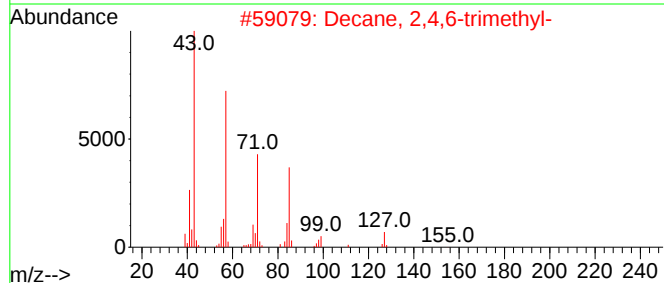
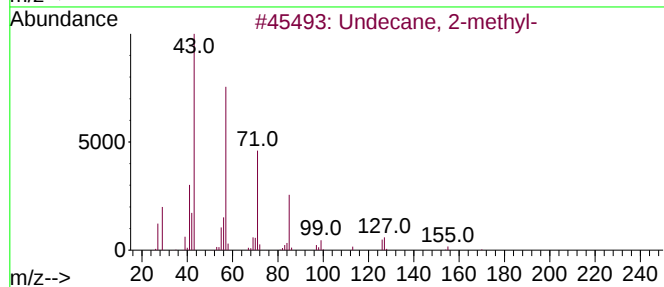
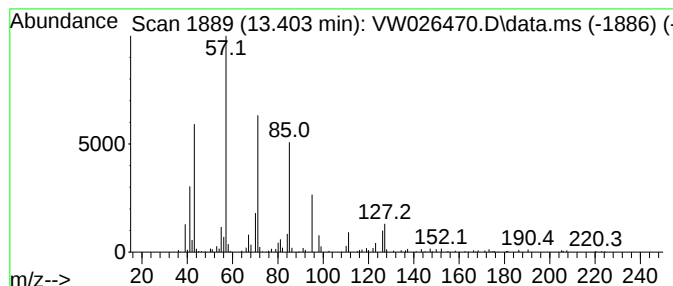
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	5.22 ug/L	104921	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	59
2			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53
3			Heptadecane	240	C17H36	000629-78-7	50
4			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	50
5			Decane	142	C10H22	000124-18-5	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

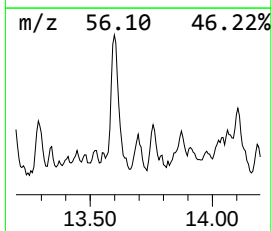
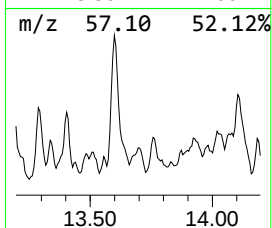
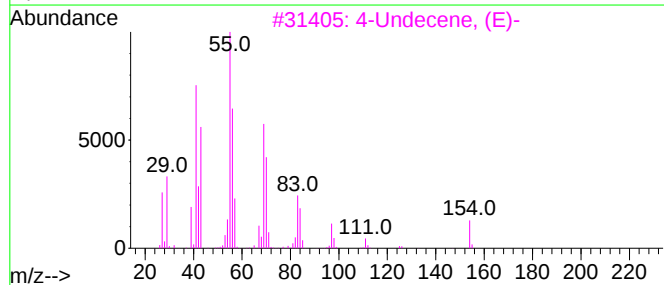
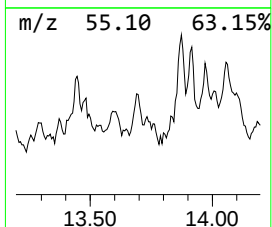
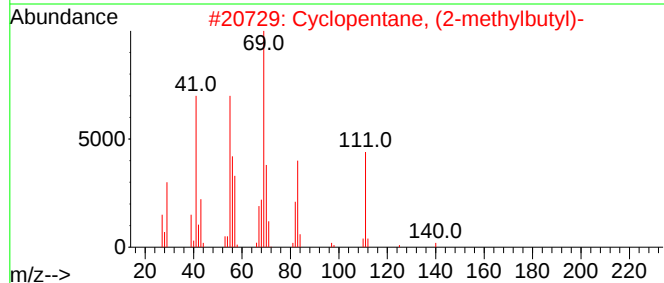
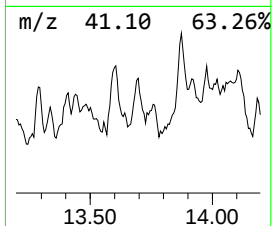
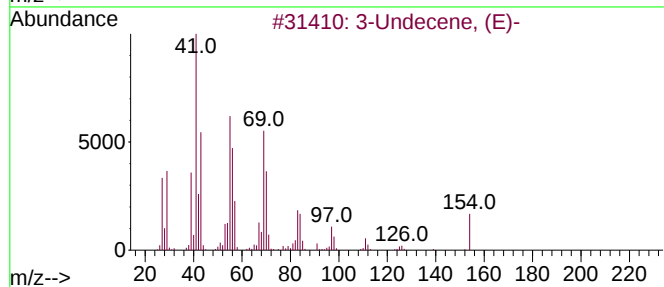
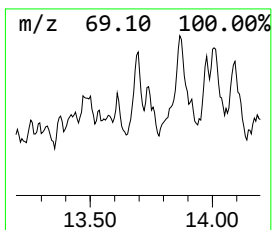
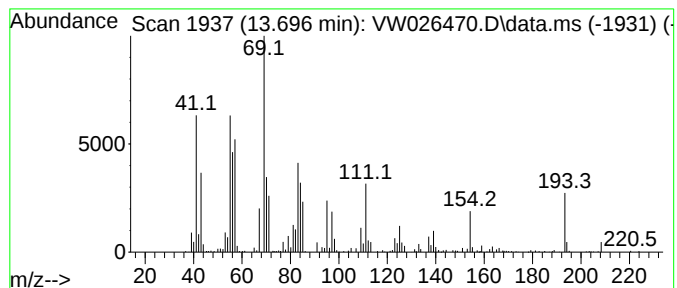
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.696	11.05 ug/L	221936	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Undecene, (E)-		154	C11H22	001002-68-2	58
2	Cyclopentane, (2-methylbutyl)-		140	C10H20	053366-38-4	53
3	4-Undecene, (E)-		154	C11H22	000693-62-9	46
4	Cyclopentane, hexyl-		154	C11H22	004457-00-5	46
5	2-Butene, 2,3-dimethyl-		84	C6H12	000563-79-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

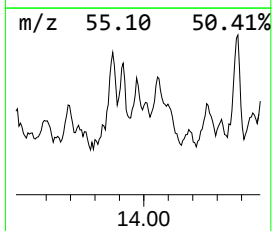
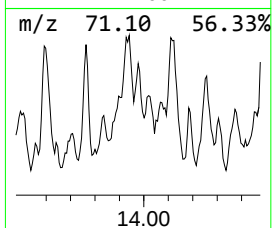
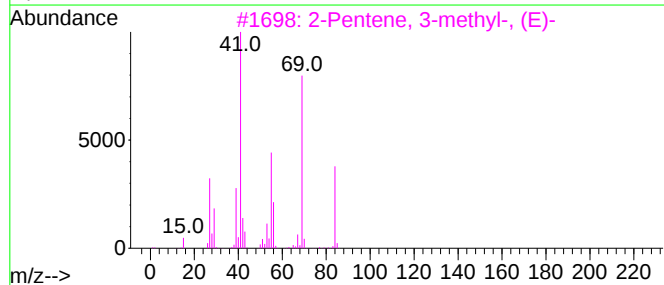
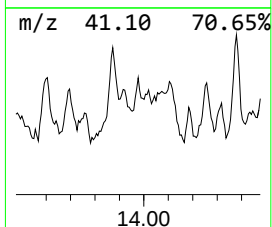
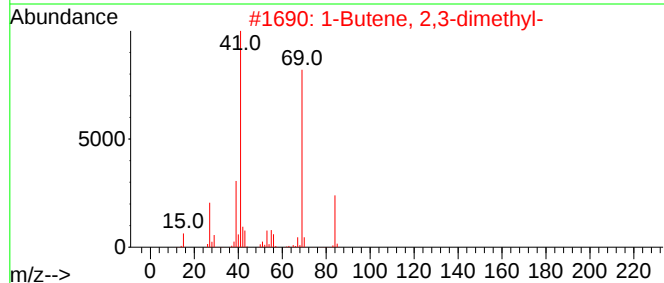
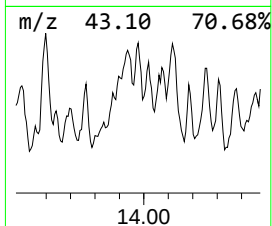
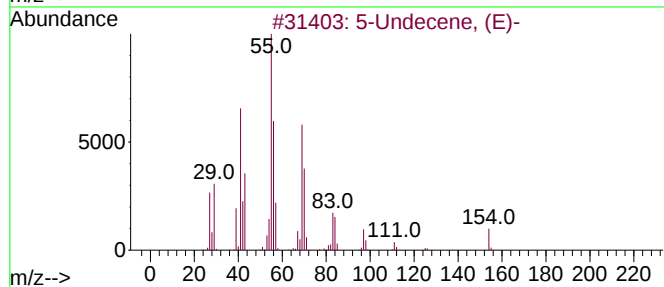
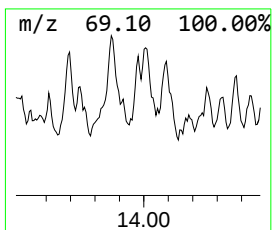
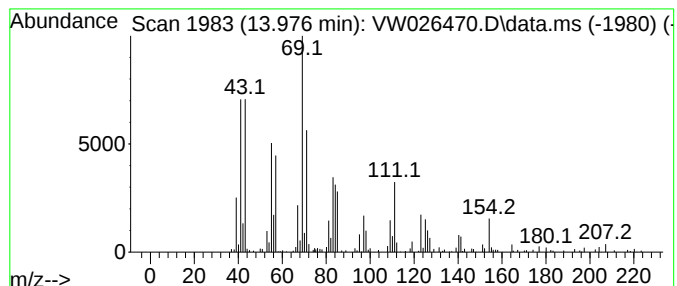
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	4.66 ug/L	93590	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Undecene, (E)-	154	C11H22	000764-97-6	43
2			1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	38
3			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38
4			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	38
5			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

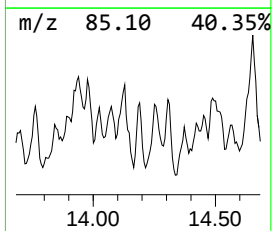
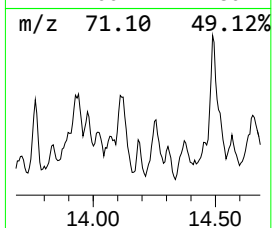
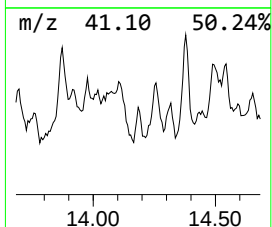
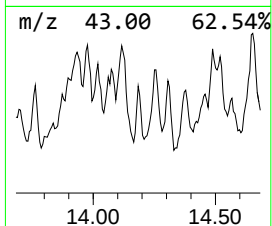
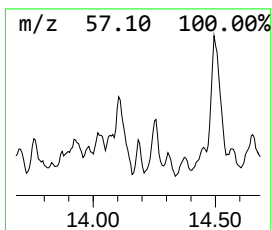
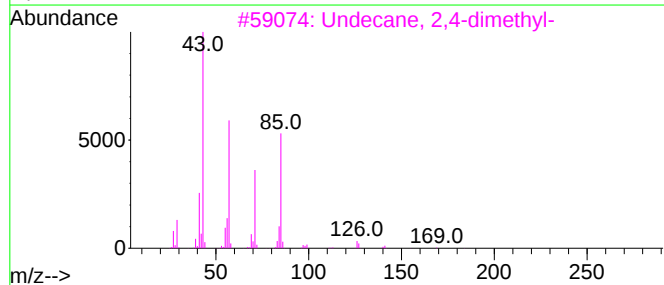
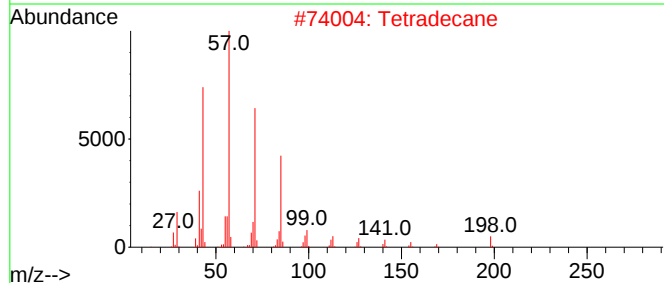
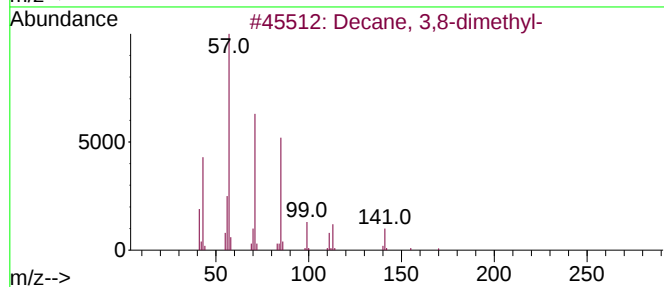
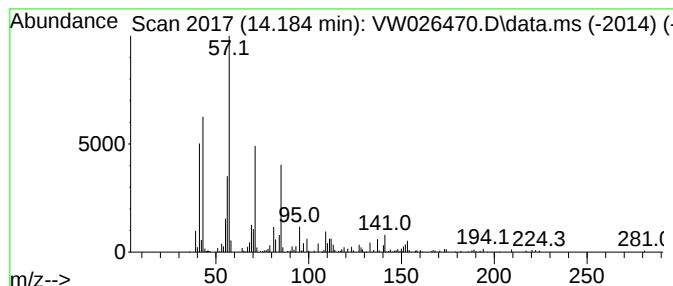
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.184	5.21 ug/L	104618	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	62
2		Tetradecane	198	C14H30	000629-59-4	53
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
4		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

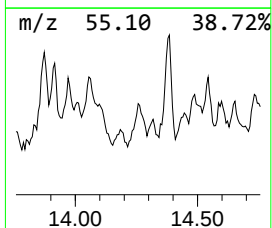
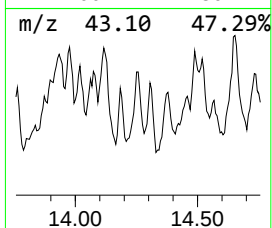
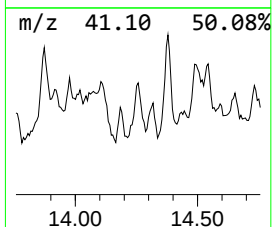
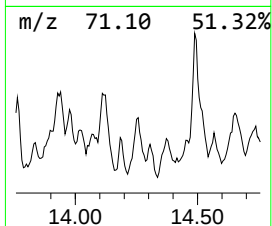
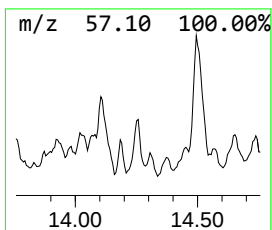
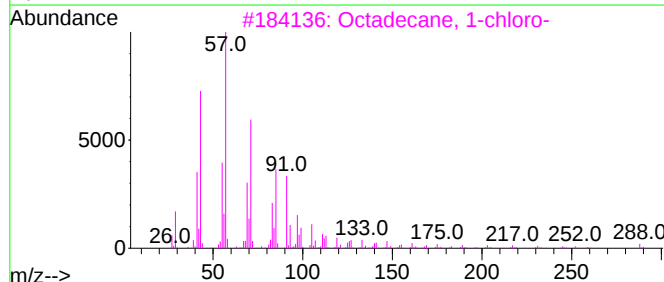
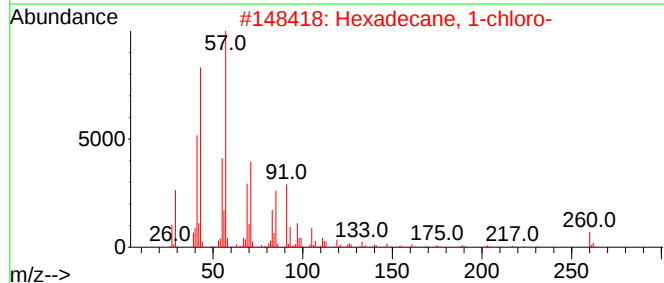
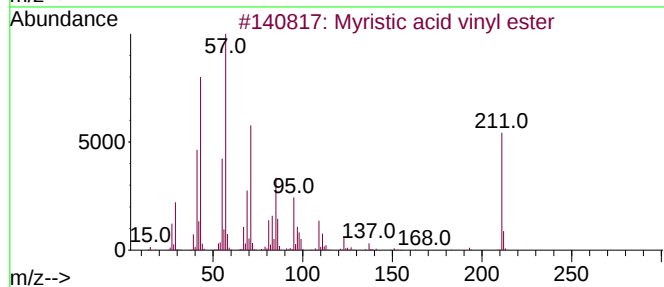
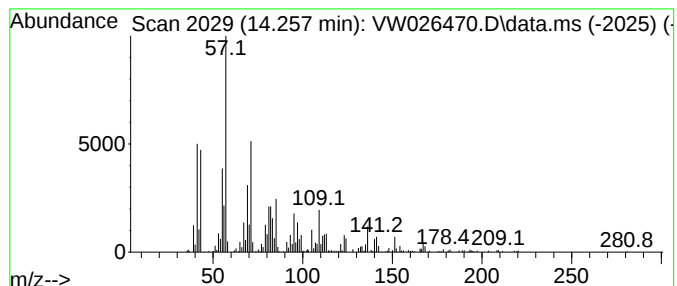
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 Myristic acid vinyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	10.77 ug/L	216314	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Myristic acid vinyl ester	254	C16H30O2	005809-91-6	52
2			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	49
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49
4			Decane, 2-methyl-	156	C11H24	006975-98-0	46
5			Decane, 3-methyl-	156	C11H24	013151-34-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

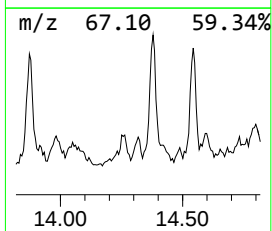
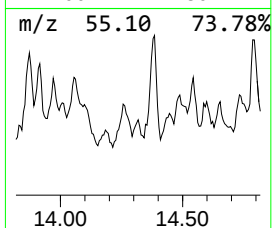
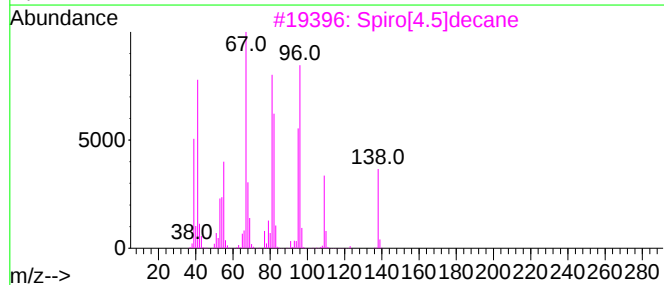
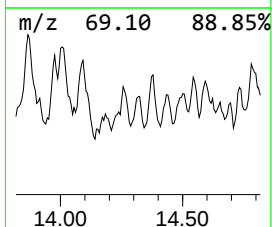
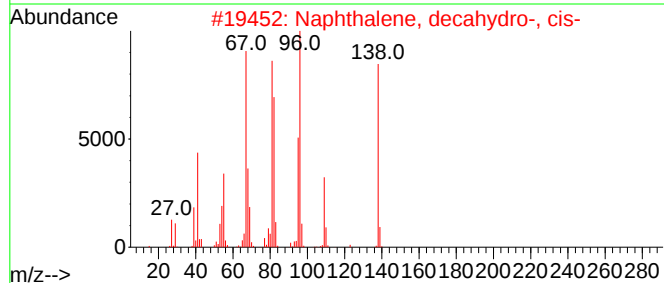
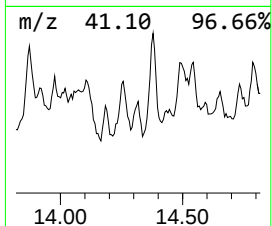
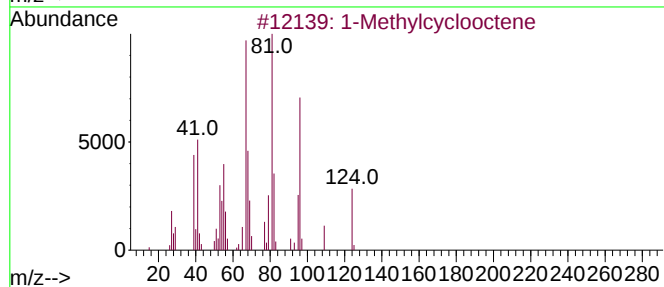
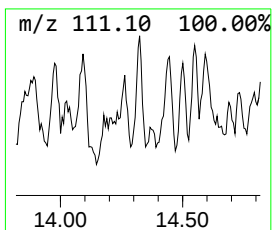
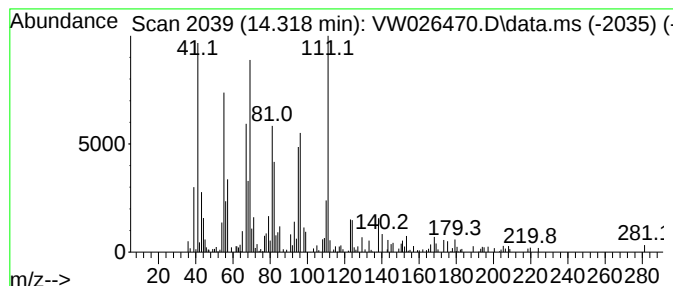
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 1-Methylcyclooctene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.318	5.21 ug/L	104668	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Methylcyclooctene		124	C9H16	000933-11-9	53
2	Naphthalene, decahydro-, cis-		138	C10H18	000493-01-6	46
3	Spiro[4.5]decane		138	C10H18	000176-63-6	46
4	1,9-Tetradecadiene		194	C14H26	112929-06-3	46
5	1,1'-Bicyclopentyl		138	C10H18	001636-39-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

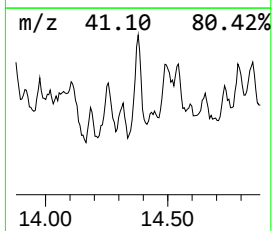
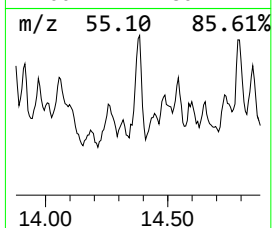
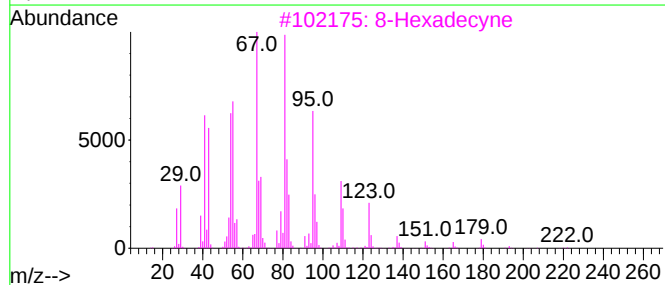
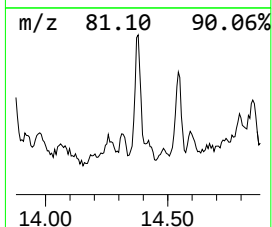
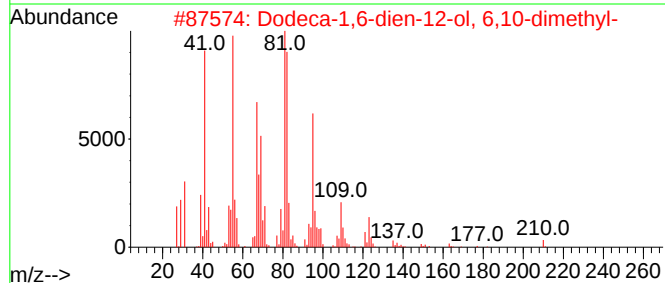
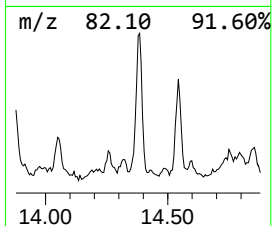
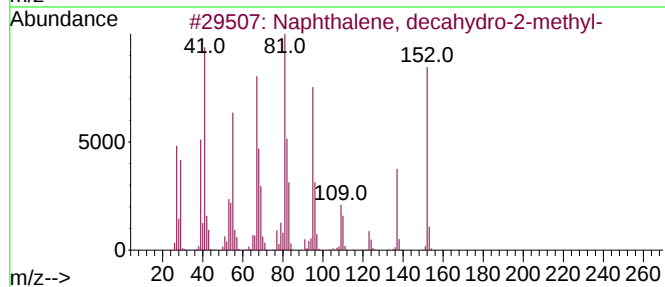
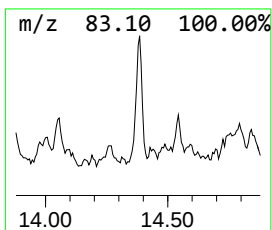
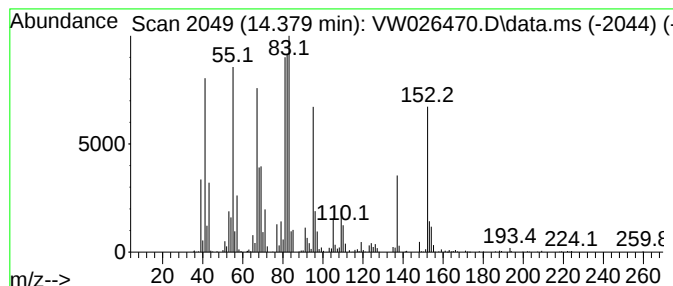
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	22.05 ug/L	442814	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		Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	58
3		8-Hexadecyne	222	C16H30	019781-86-3	55
4		Cyclopentylcyclohexane	152	C11H20	001606-08-2	53
5		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

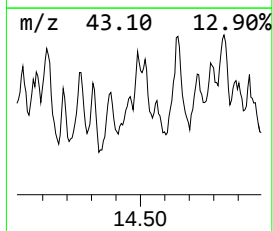
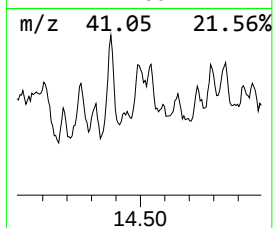
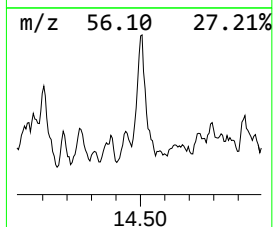
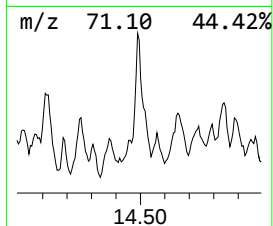
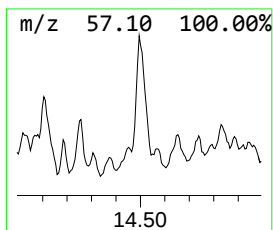
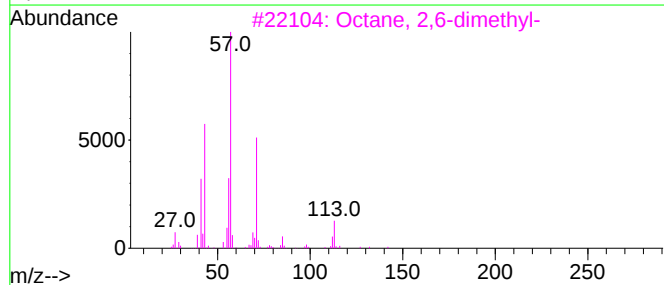
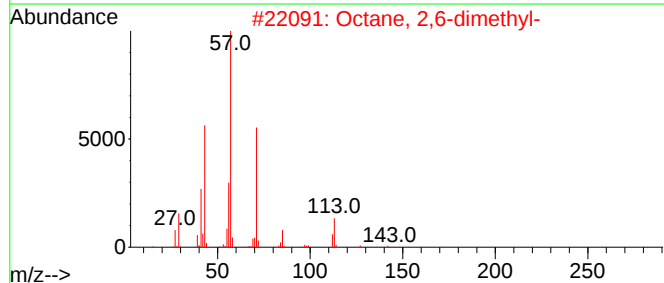
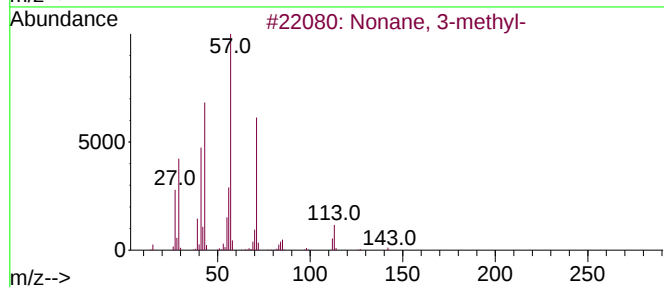
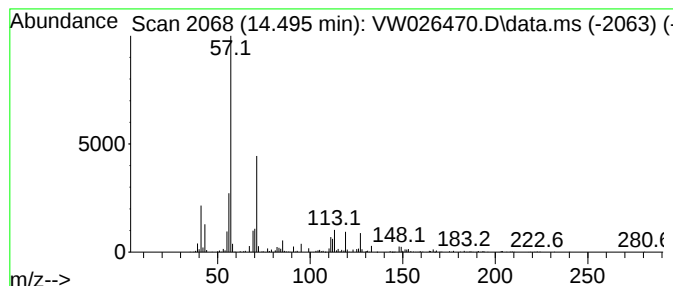
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.495	17.16 ug/L	344678	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	64
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	64
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	64
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	59
5	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

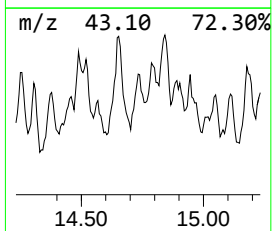
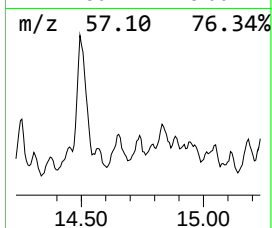
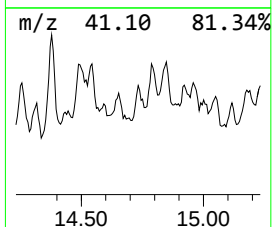
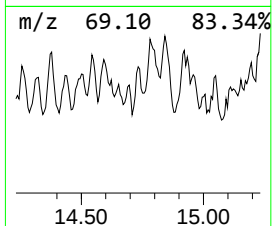
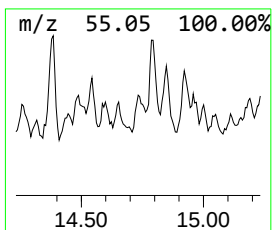
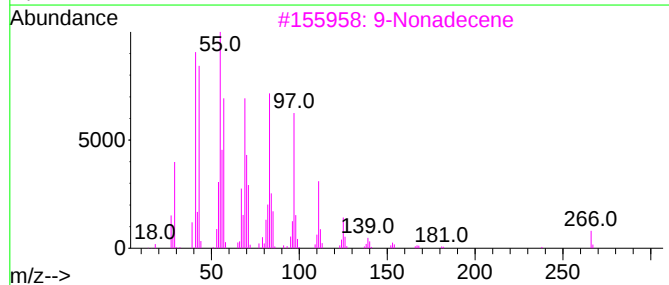
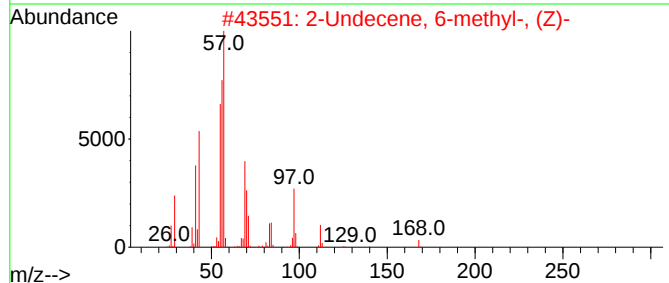
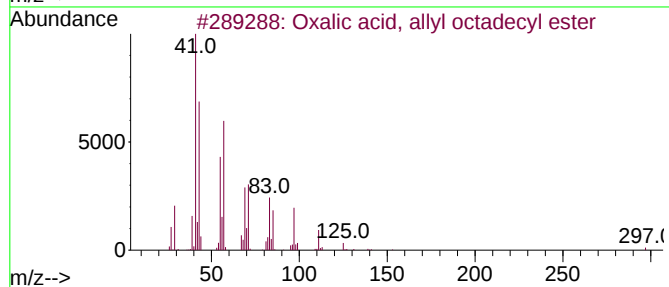
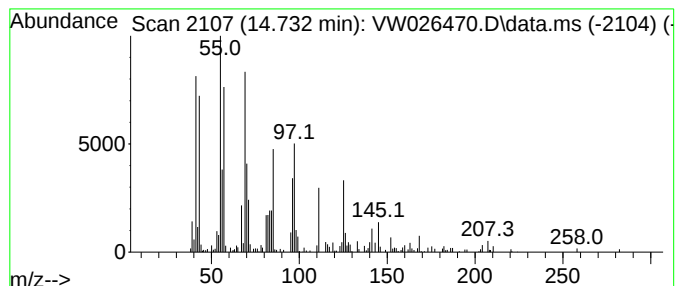
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 Oxalic acid, allyl octadecy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	6.14 ug/L	123385	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	59
2			2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	49
3			9-Nonadecene	266	C19H38	031035-07-1	46
4			2-Undecene, 6-methyl-, (E)-	168	C12H24	074630-61-8	43
5			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

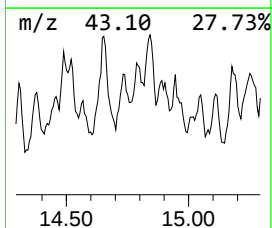
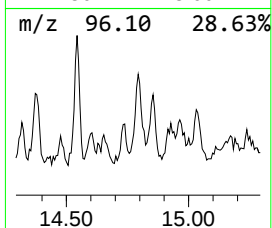
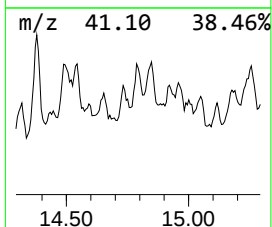
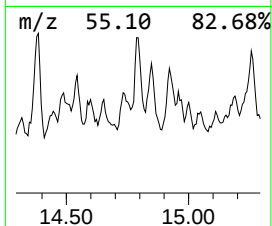
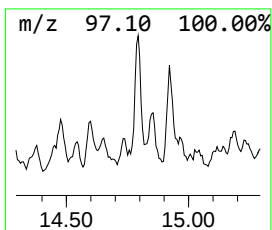
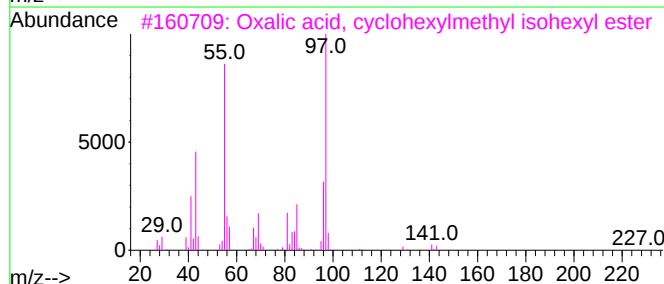
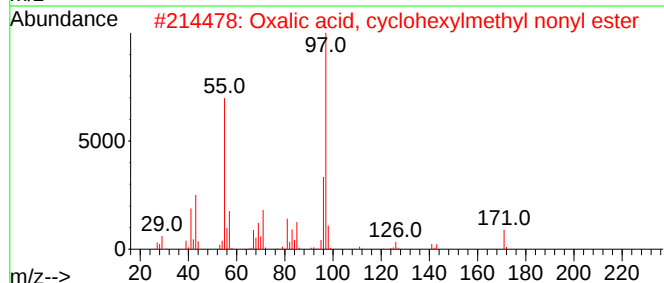
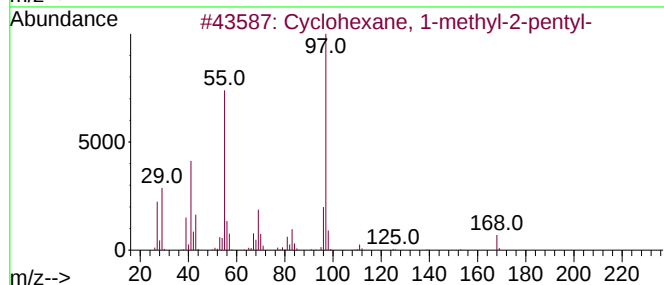
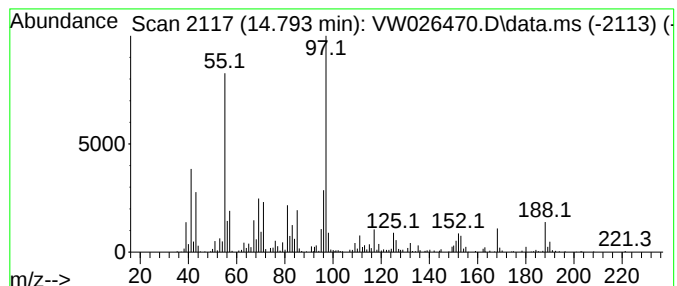
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic14.793 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.793	11.64 ug/L	233826	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	64
2	Oxalic acid, cyclohexylmethyl no...		312	C18H32O4	1000309-68-6	58
3	Oxalic acid, cyclohexylmethyl is...		270	C15H26O4	1000309-68-3	58
4	Oxalic acid, cyclohexylmethyl oc...		298	C17H30O4	1000309-68-4	53
5	Cyclohexane, 1-methyl-3-pentyl-		168	C12H24	054411-02-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

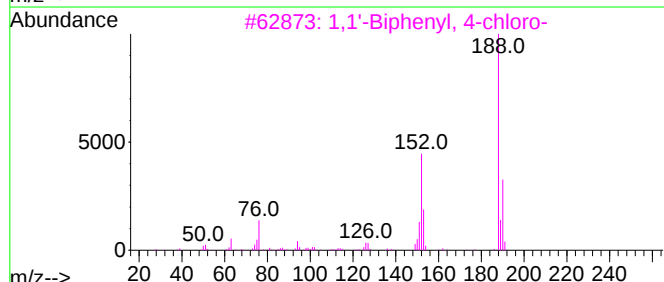
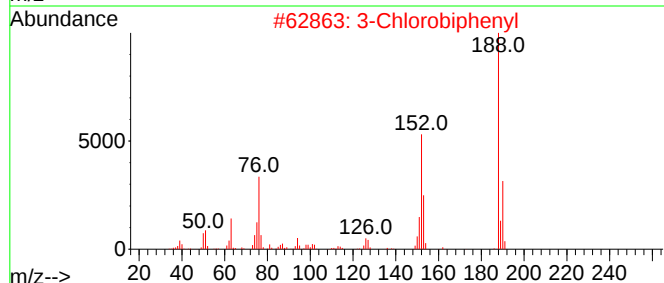
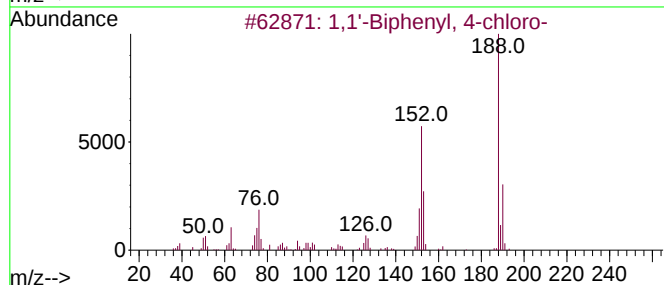
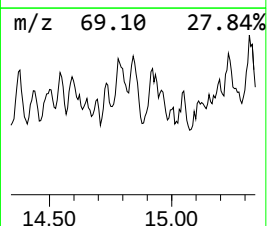
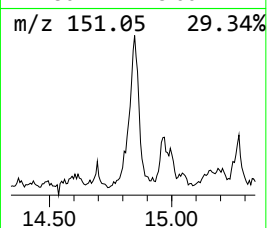
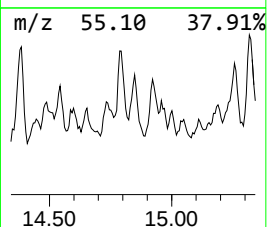
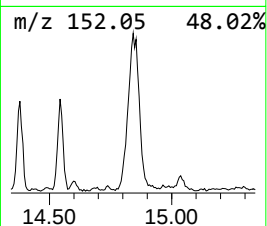
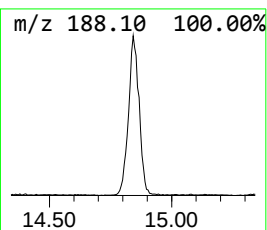
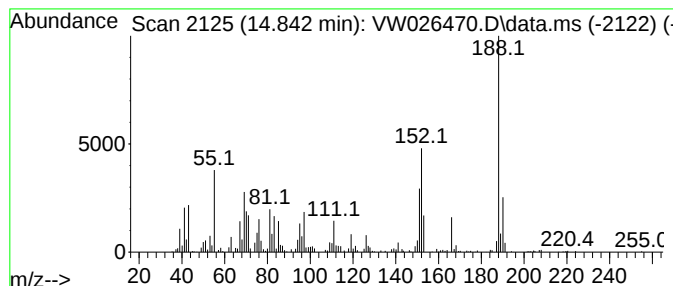
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 1,1'-Biphenyl, 4-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	31.54 ug/L	633423	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	50
2	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	50
3	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	49
4	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	49
5	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

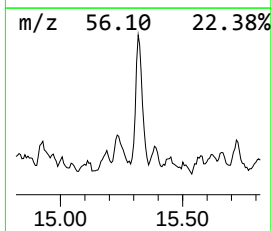
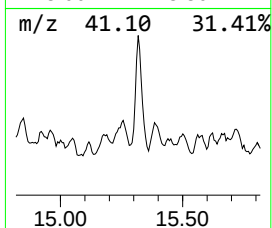
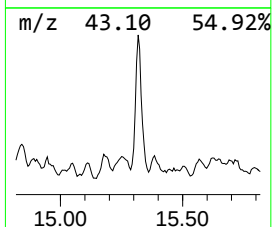
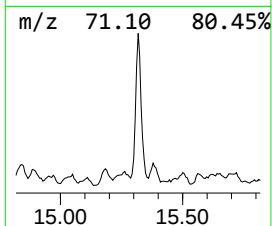
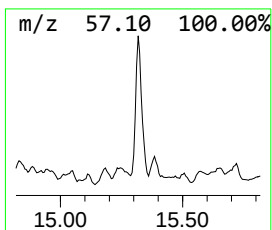
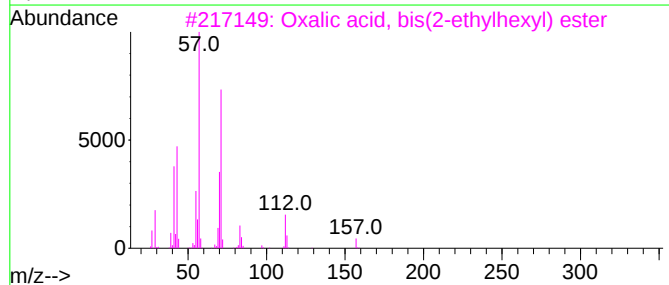
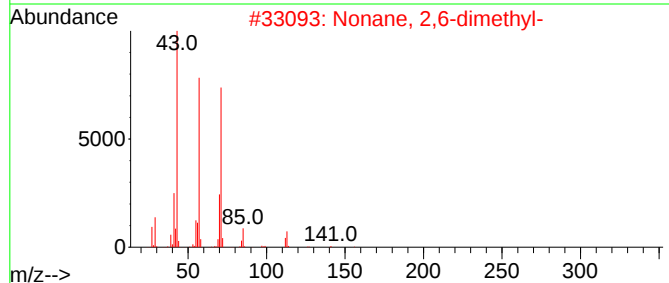
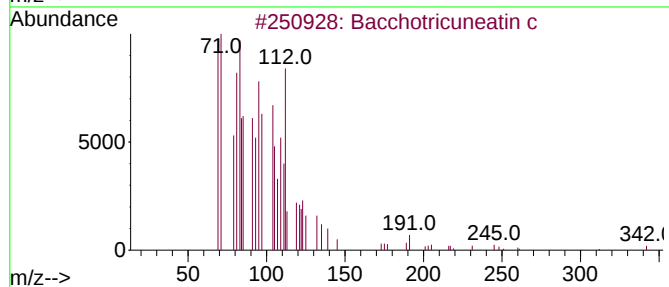
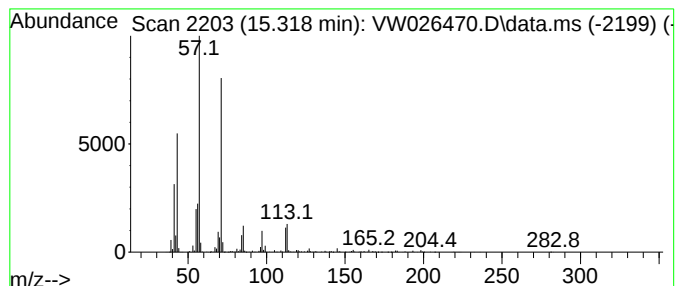
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 Bacchotricuneatin c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	40.98 ug/L	823023	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
3			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
4			Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	53
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

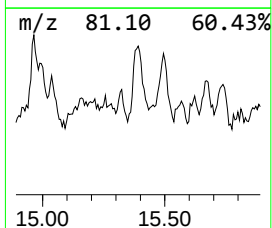
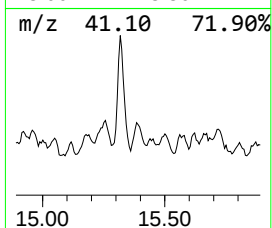
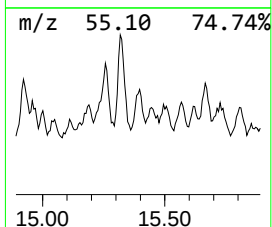
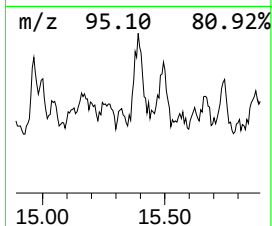
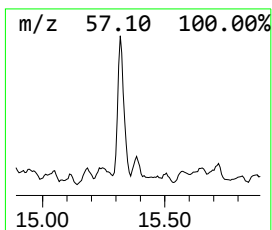
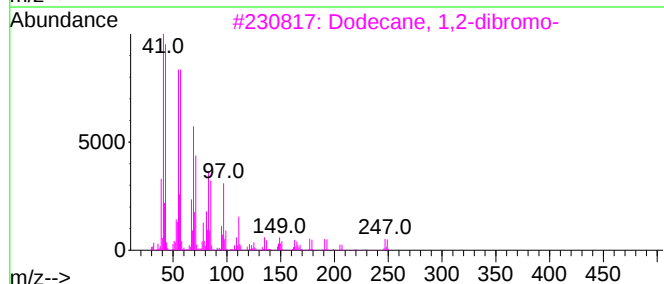
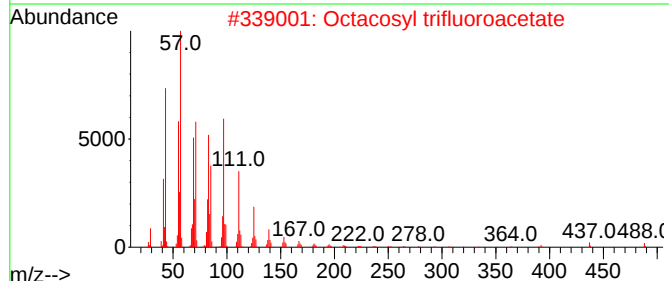
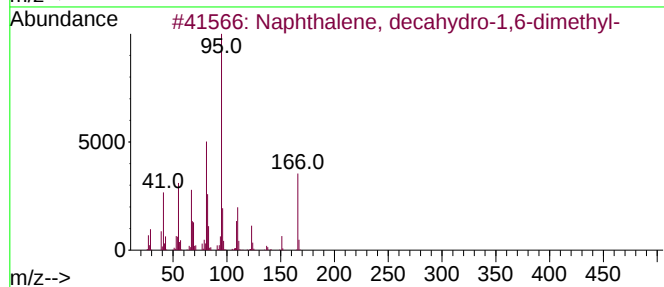
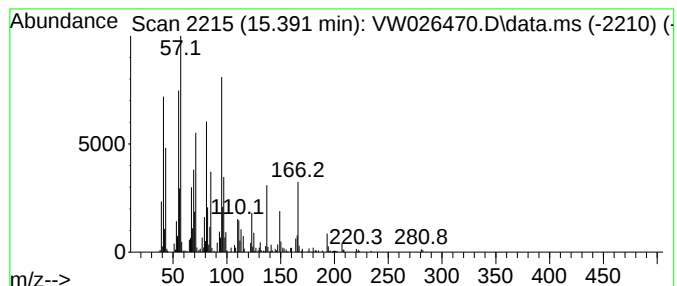
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	14.13 ug/L	283751	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	38
2			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	25
3			Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	25
4			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	25
5			Decane	142	C10H22	000124-18-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026470.D
Acq On : 30 Jun 2023 14:17
Operator : SY/MD
Sample : 03452-16RE
Misc : 4.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

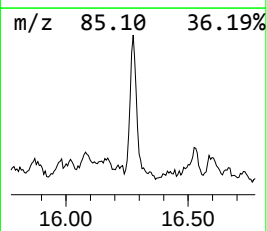
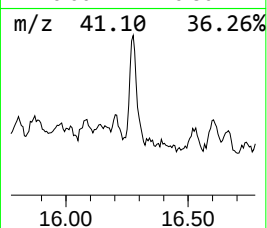
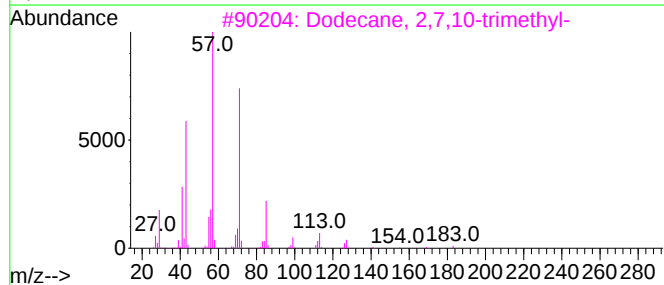
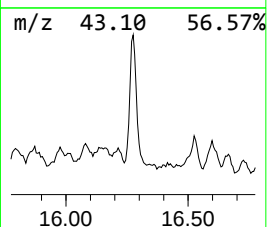
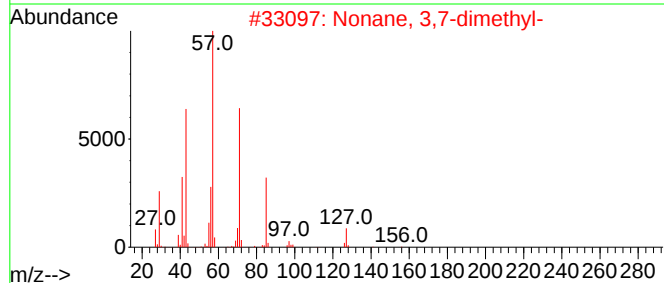
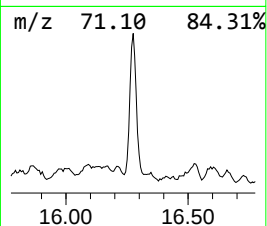
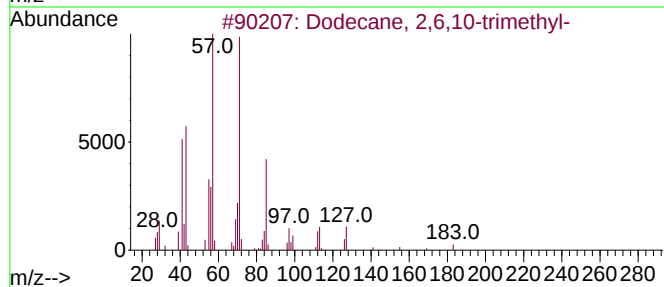
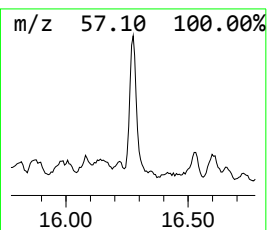
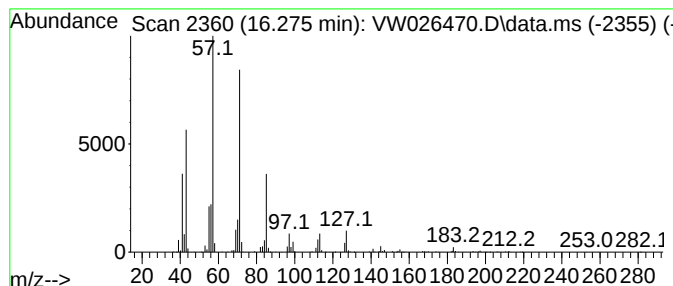
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	29.44 ug/L	591229	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026470.D
 Acq On : 30 Jun 2023 14:17
 Operator : SY/MD
 Sample : 03452-16RE
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46P8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Butyl ether	11.709	8.2	ug/L	526340	2	11.629	1607870	25.0
(DEL) Alkane: S...	12.251	1.6	ug/L	101990	2	11.629	1607870	25.0
(DEL) Alkane: S...	12.361	3.8	ug/L	241063	2	11.629	1607870	25.0
(DEL) Alkane: S...	12.775	8.1	ug/L	161653	3	13.556	502097	25.0
(DEL) Alkane: C...	12.861	5.8	ug/L	116493	3	13.556	502097	25.0
(DEL) Alkane: S...	12.940	10.3	ug/L	206908	3	13.556	502097	25.0
(DEL) Alkane: S...	13.123	6.2	ug/L	124724	3	13.556	502097	25.0
unknown-01	13.184	8.4	ug/L	167906	3	13.556	502097	25.0
(DEL) Alkane: S...	13.288	6.5	ug/L	131200	3	13.556	502097	25.0
unknown-02	13.379	2.0	ug/L	41009	3	13.556	502097	25.0
(DEL) Alkane: S...	13.403	5.2	ug/L	104921	3	13.556	502097	25.0
(DEL) Alkane: S...	13.696	11.1	ug/L	221936	3	13.556	502097	25.0
(DEL) Alkane: S...	13.977	4.7	ug/L	93590	3	13.556	502097	25.0
(DEL) Alkane: S...	14.184	5.2	ug/L	104618	3	13.556	502097	25.0
Myristic acid v...	14.257	10.8	ug/L	216314	3	13.556	502097	25.0
1-Methylcyclooc...	14.318	5.2	ug/L	104668	3	13.556	502097	25.0
Naphthalene, de...	14.379	22.1	ug/L	442814	3	13.556	502097	25.0
(DEL) Alkane: S...	14.495	17.2	ug/L	344678	3	13.556	502097	25.0
Oxalic acid, al...	14.732	6.1	ug/L	123385	3	13.556	502097	25.0
(DEL) Alkane: C...	14.793	11.6	ug/L	233826	3	13.556	502097	25.0
1,1'-Biphenyl, ...	14.842	31.5	ug/L	633423	3	13.556	502097	25.0
Bacchotricuneat...	15.318	41.0	ug/L	823023	3	13.556	502097	25.0
unknown-03	15.391	14.1	ug/L	283751	3	13.556	502097	25.0
(DEL) Alkane: S...	16.275	29.4	ug/L	591229	3	13.556	502097	25.0