

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026526.D
 Acq On : 05 Jul 2023 12:30
 Operator : SY/MD
 Sample : 03504-06
 Misc : 4.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W3

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\SFAMWLM070323SMA.M
 Title : SFAM01.0

Signal : TIC: VW026526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.368	71	79	95	rBV	133123	410335	7.70%	0.578%
2	2.893	157	165	169	rBV	136361	355143	6.67%	0.500%
3	3.795	301	313	316	rBV8	8101	23537	0.44%	0.033%
4	4.021	339	350	360	rBV	272522	946663	17.78%	1.334%
5	4.118	361	366	386	rVB	86548	255347	4.79%	0.360%
6	4.393	400	411	423	rVB2	16046	58500	1.10%	0.082%
7	4.923	488	498	502	rBV2	21737	71963	1.35%	0.101%
8	5.002	506	511	529	rVB3	32468	123782	2.32%	0.174%
9	5.423	573	580	581	rBV3	9604	13024	0.24%	0.018%
10	5.941	655	665	671	rBV7	8016	23084	0.43%	0.033%
11	6.215	698	710	724	rVV2	60775	180656	3.39%	0.254%
12	7.075	843	851	859	rVV	109293	313958	5.90%	0.442%
13	7.166	861	866	883	rVB2	68471	203881	3.83%	0.287%
14	7.648	932	945	958	rBV	549007	1353016	25.40%	1.906%
15	7.959	985	996	1003	rVB4	27609	83367	1.57%	0.117%
16	8.032	1003	1008	1018	rVB7	8920	24682	0.46%	0.035%
17	8.160	1021	1029	1034	rBV2	21791	49787	0.93%	0.070%
18	8.276	1038	1048	1063	rBV2	1123736	3280591	61.60%	4.621%
19	8.428	1063	1073	1074	rBV4	9303	21911	0.41%	0.031%
20	8.575	1090	1097	1105	rVB4	15119	36233	0.68%	0.051%
21	8.697	1111	1117	1123	rVB4	10597	21738	0.41%	0.031%
22	8.843	1132	1141	1151	rBV	1203187	2369562	44.49%	3.338%
23	9.075	1172	1179	1191	rBV3	38734	111175	2.09%	0.157%
24	9.276	1204	1212	1218	rBV	775327	1652835	31.03%	2.328%
25	9.331	1218	1221	1227	rVB3	112130	212916	4.00%	0.300%
26	9.514	1246	1251	1256	rVV4	9762	17760	0.33%	0.025%
27	9.605	1256	1266	1272	rBV3	19586	47396	0.89%	0.067%
28	9.751	1282	1290	1297	rBV4	29724	65295	1.23%	0.092%
29	9.898	1306	1314	1318	rBV2	22367	46241	0.87%	0.065%
30	9.952	1318	1323	1327	rBV	36529	64381	1.21%	0.091%
31	10.032	1330	1336	1342	rVV	378689	687702	12.91%	0.969%
32	10.093	1342	1346	1360	rVB2	44379	120775	2.27%	0.170%
33	10.221	1360	1367	1368	rBV7	6491	13969	0.26%	0.020%
34	10.245	1368	1371	1376	rVB2	11677	17452	0.33%	0.025%
35	10.324	1376	1384	1393	rBV	1463687	2669557	50.13%	3.761%
36	10.495	1407	1412	1419	rVB5	32121	75639	1.42%	0.107%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026526.D
 Acq On : 05 Jul 2023 12:30
 Operator : SY/MD
 Sample : 03504-06
 Misc : 4.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W3

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\SFAMWLM070323SMA.M
 Title : SFAM01.0

37	10.574	1419	1425	1435	rBV	244292	445040	8.36%	0.627%
38	10.660	1435	1439	1449	rVB2	43407	80299	1.51%	0.113%
39	10.763	1449	1456	1460	rBV4	25105	50841	0.95%	0.072%
40	10.843	1465	1469	1476	rVB5	21362	42979	0.81%	0.061%
41	10.922	1476	1482	1491	rBV2	396891	731697	13.74%	1.031%
42	11.032	1495	1500	1509	rVB	33775	67960	1.28%	0.096%
43	11.105	1509	1512	1515	rBV3	15782	22980	0.43%	0.032%
44	11.178	1520	1524	1528	rVB	43779	62883	1.18%	0.089%
45	11.227	1528	1532	1538	rVB2	83734	134919	2.53%	0.190%
46	11.282	1538	1541	1545	rVB3	16443	19975	0.38%	0.028%
47	11.336	1545	1550	1554	rBV3	46645	75270	1.41%	0.106%
48	11.397	1554	1560	1563	rBV3	17687	45197	0.85%	0.064%
49	11.434	1563	1566	1573	rVB2	47524	81174	1.52%	0.114%
50	11.507	1573	1578	1590	rBV	68958	128594	2.41%	0.181%
51	11.629	1590	1598	1607	rBV	1438956	2460417	46.20%	3.466%
52	11.727	1609	1614	1618	rBV2	78267	130463	2.45%	0.184%
53	11.842	1623	1633	1635	rBV3	95192	205486	3.86%	0.289%
54	11.916	1642	1645	1650	rVB2	62157	97872	1.84%	0.138%
55	11.970	1650	1654	1656	rBV2	19202	29162	0.55%	0.041%
56	12.056	1662	1668	1673	rVB3	48937	102388	1.92%	0.144%
57	12.135	1673	1681	1687	rBV3	187107	439723	8.26%	0.619%
58	12.251	1692	1700	1704	rVB	222342	417350	7.84%	0.588%
59	12.361	1704	1718	1725	rBV4	272594	1100979	20.67%	1.551%
60	12.501	1730	1741	1753	rVB6	167148	621738	11.67%	0.876%
61	12.617	1753	1760	1765	rVB5	98312	219060	4.11%	0.309%
62	12.690	1765	1772	1778	rBV	652696	1252882	23.52%	1.765%
63	12.775	1782	1786	1793	rVB3	271894	531575	9.98%	0.749%
64	12.854	1793	1799	1803	rBV4	160222	364208	6.84%	0.513%
65	12.934	1804	1812	1817	rBV5	423891	1152206	21.63%	1.623%
66	12.989	1818	1821	1826	rVB	219681	323404	6.07%	0.456%
67	13.037	1826	1829	1831	rBV4	39233	55835	1.05%	0.079%
68	13.074	1831	1835	1839	rBV2	261842	373806	7.02%	0.527%
69	13.123	1839	1843	1846	rBV2	232949	383318	7.20%	0.540%
70	13.165	1846	1850	1856	rBV5	183284	336872	6.33%	0.475%
71	13.287	1863	1870	1874	rBV2	395573	707292	13.28%	0.996%
72	13.342	1874	1879	1882	rVV2	295234	508516	9.55%	0.716%
73	13.379	1882	1885	1887	rVV2	194802	257338	4.83%	0.363%
74	13.446	1888	1896	1899	rVV5	601005	1190587	22.36%	1.677%
75	13.482	1899	1902	1907	rVB4	271267	413596	7.77%	0.583%
76	13.556	1908	1914	1918	rBV	1106100	1795456	33.71%	2.529%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026526.D
 Acq On : 05 Jul 2023 12:30
 Operator : SY/MD
 Sample : 03504-06
 Misc : 4.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W3

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\SFAMWLM070323SMA.M
 Title : SFAM01.0

77	13.696	1931	1937	1946	rBV6	281642	865538	16.25%	1.219%
78	13.793	1949	1953	1958	rBV	884941	1393680	26.17%	1.963%
79	13.873	1958	1966	1970	rBV5	1757715	4295338	80.65%	6.051%
80	13.915	1971	1973	1979	rVB4	387300	470227	8.83%	0.662%
81	13.976	1979	1983	1986	rBV2	441291	634534	11.91%	0.894%
82	14.013	1987	1989	1993	rBV3	185238	293293	5.51%	0.413%
83	14.190	2014	2018	2023	rBV3	433871	792903	14.89%	1.117%
84	14.257	2025	2029	2035	rVB4	645853	1006875	18.91%	1.418%
85	14.311	2035	2038	2042	rBV3	301849	429809	8.07%	0.605%
86	14.379	2043	2049	2054	rBV3	1747309	3301966	62.00%	4.652%
87	14.488	2064	2067	2069	rBV3	171375	255139	4.79%	0.359%
88	14.543	2070	2076	2082	rVV3	841406	1675248	31.46%	2.360%
89	14.653	2091	2094	2098	rVB2	326483	401044	7.53%	0.565%
90	14.732	2103	2107	2112	rBV5	455292	853940	16.03%	1.203%
91	14.793	2112	2117	2120	rVV2	1015056	1837536	34.50%	2.589%
92	14.836	2120	2124	2131	rVB4	1562940	3291251	61.80%	4.636%
93	15.116	2167	2170	2173	rBV3	414227	574670	10.79%	0.810%
94	15.317	2198	2203	2210	rVB	3188316	5325794	100.00%	7.503%
95	15.397	2210	2216	2220	rBV6	778615	1854359	34.82%	2.612%
96	15.573	2240	2245	2249	rBV6	523251	1124561	21.12%	1.584%
97	15.622	2250	2253	2255	rBV2	484341	686512	12.89%	0.967%
98	15.720	2266	2269	2277	rVB3	1106057	1959185	36.79%	2.760%
99	16.201	2345	2348	2354	rVB3	622157	1068646	20.07%	1.505%
100	16.275	2355	2360	2368	rVB	1573023	3108584	58.37%	4.379%

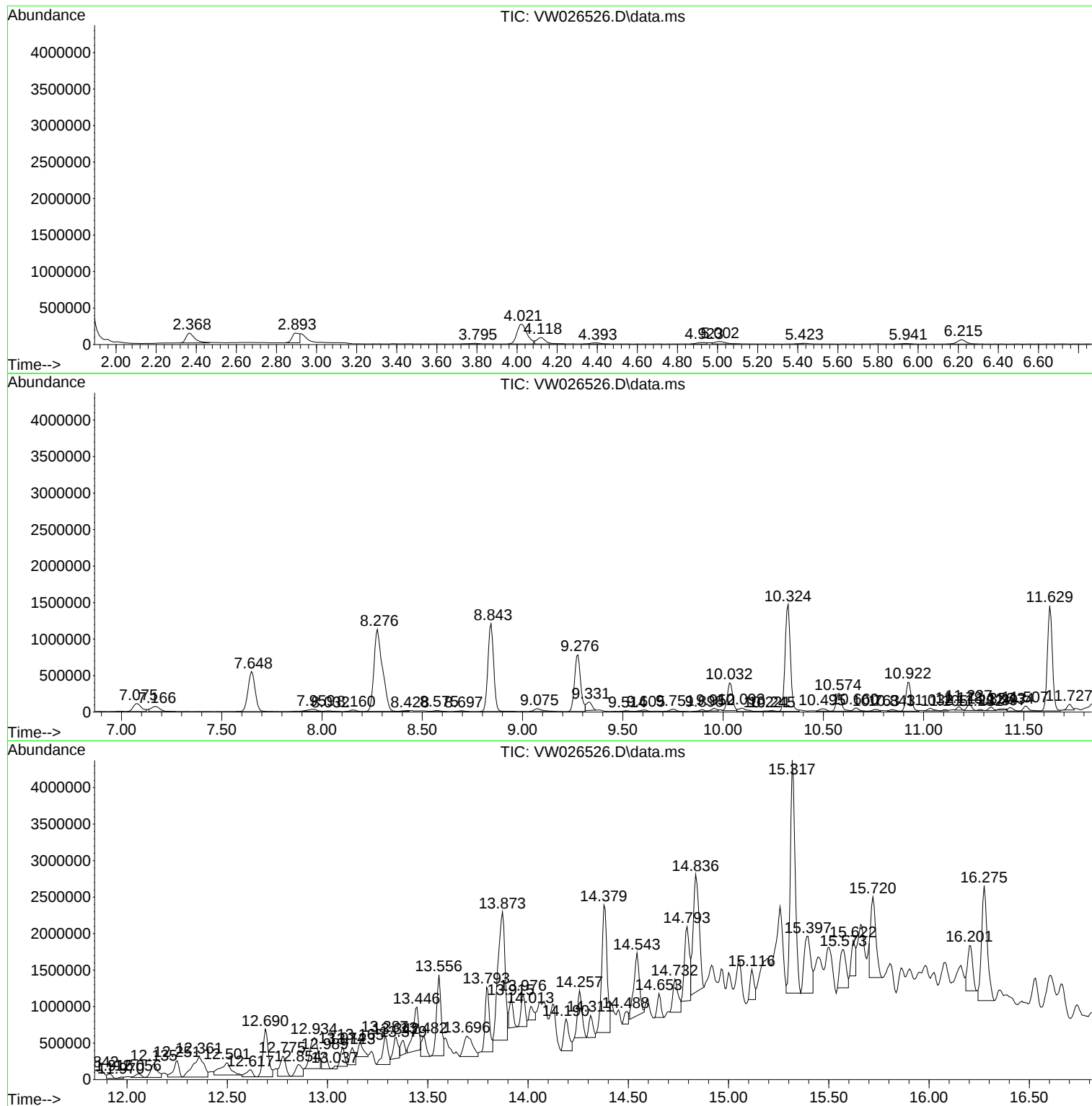
Sum of corrected areas: 70985822

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

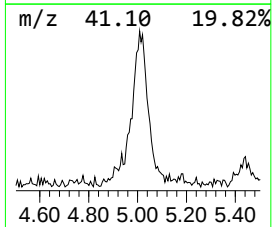
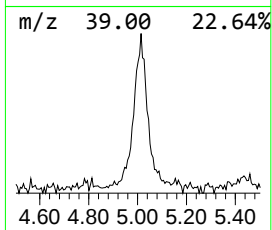
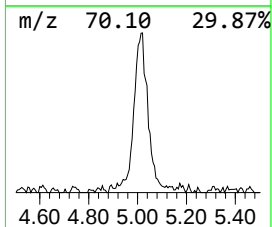
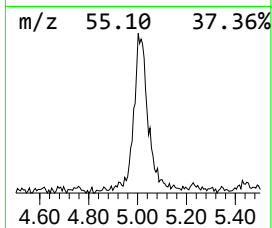
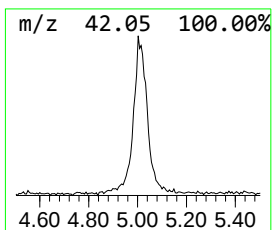
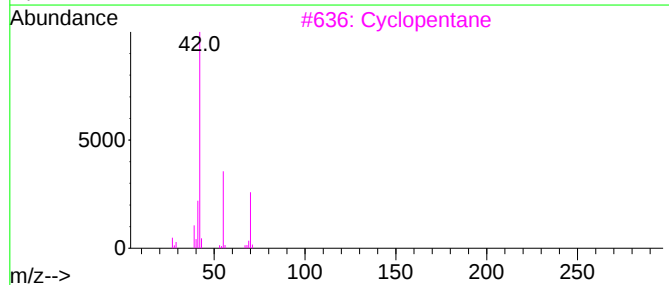
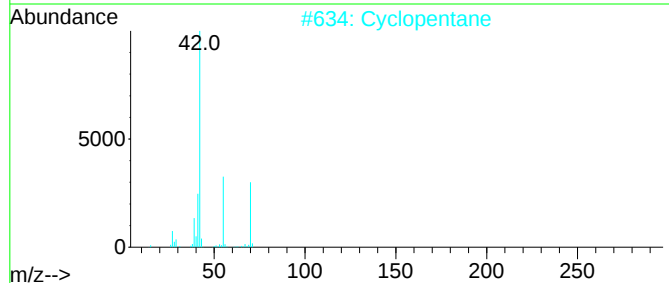
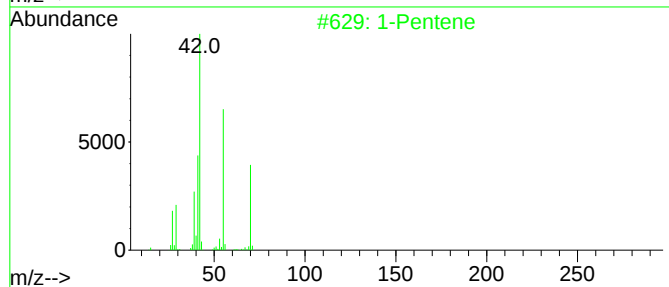
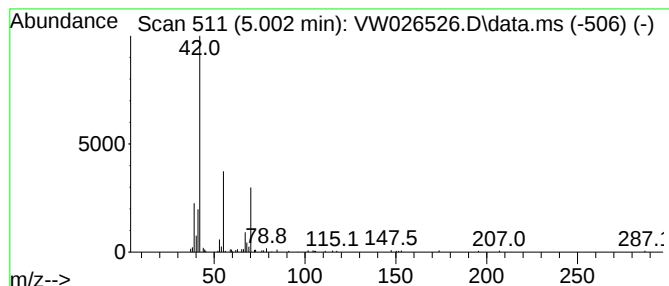
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.002	1.31 ug/L	123782	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene	70	C5H10	000109-67-1	59
2			Cyclopentane	70	C5H10	000287-92-3	59
3			Cyclopentane	70	C5H10	000287-92-3	50
4			1-Pentene	70	C5H10	000109-67-1	45
5			2H-Pyran-2-one, tetrahydro-6-met...	114	C6H10O2	000823-22-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

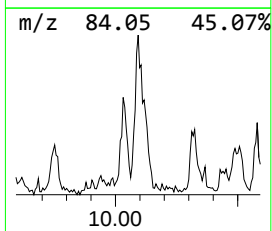
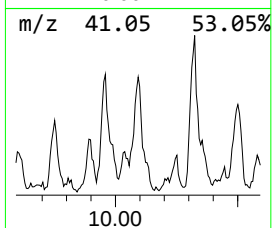
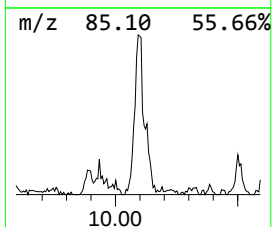
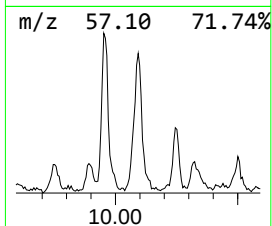
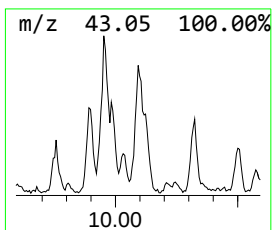
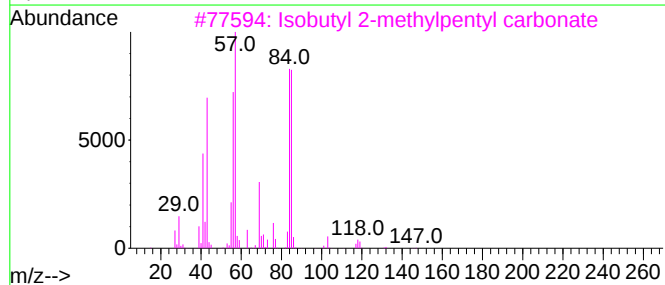
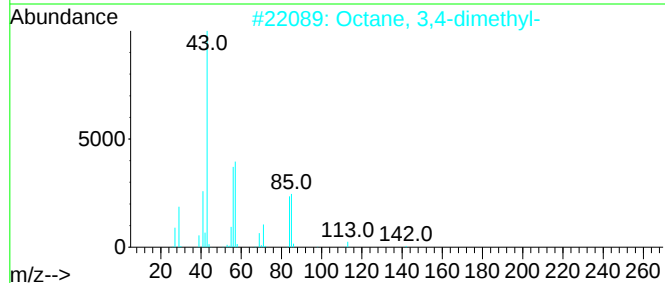
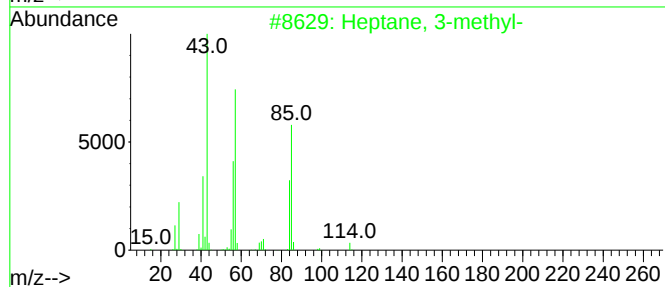
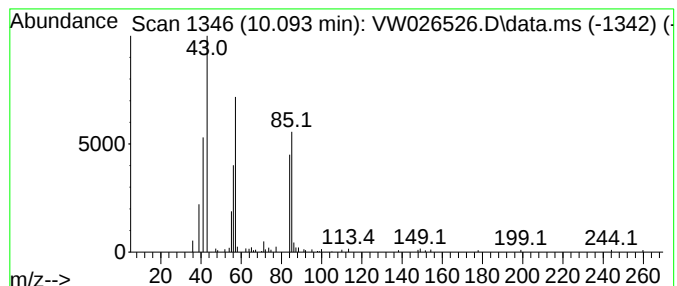
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	1.27 ug/L	120775	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
2			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	53
3			Isobutyl 2-methylpentyl carbonate	202	C11H22O3	1000372-75-2	50
4			Nonane, 5-methyl-	142	C10H22	015869-85-9	50
5			Octane	114	C8H18	000111-65-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

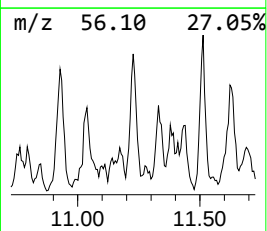
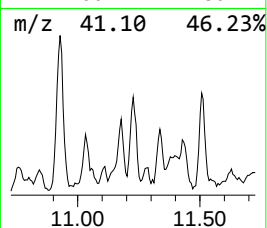
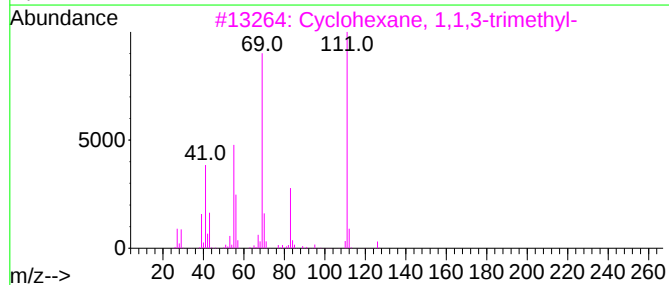
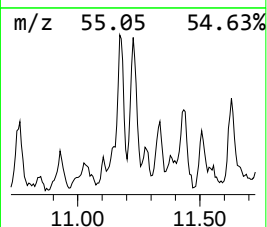
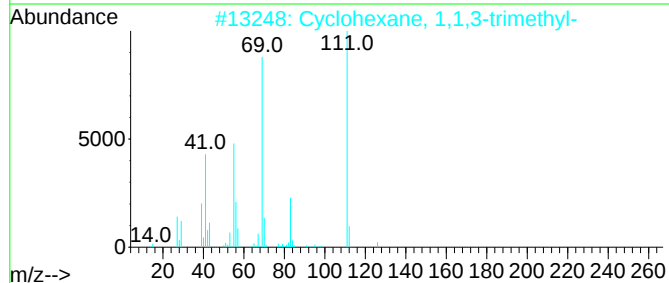
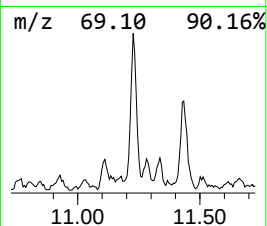
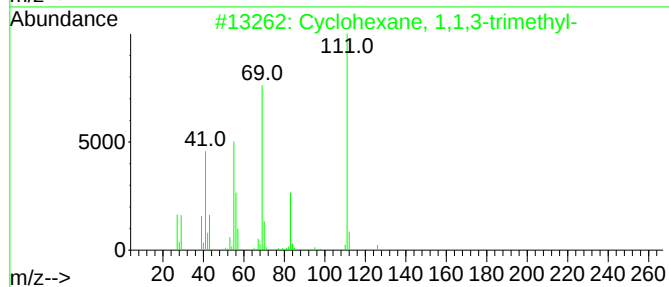
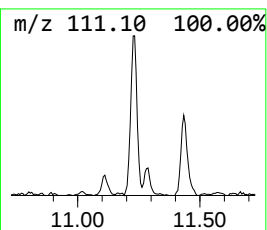
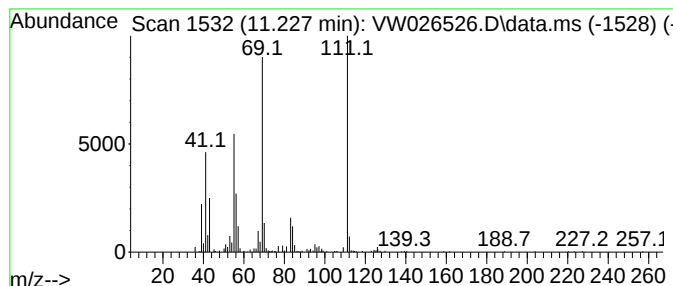
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.227 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	1.37 ug/L	134919	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

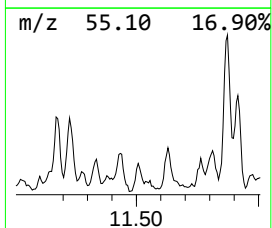
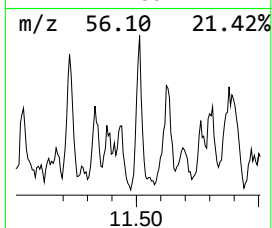
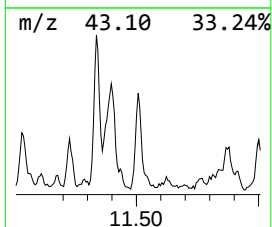
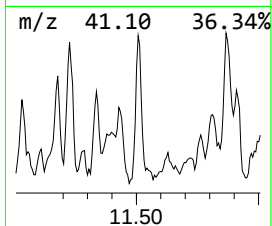
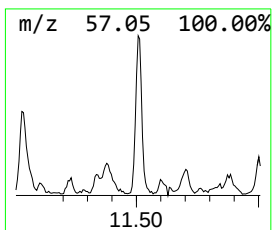
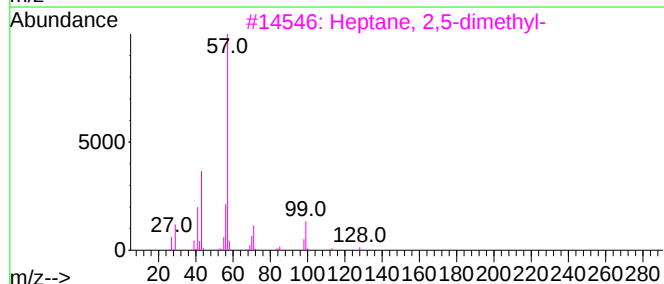
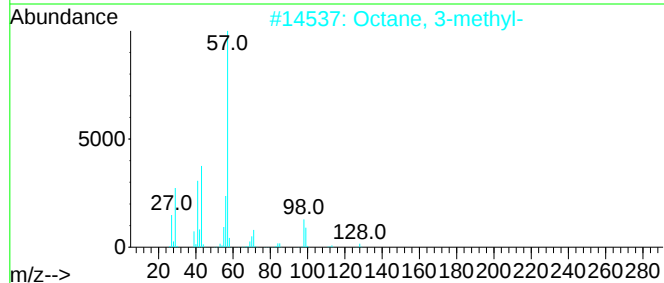
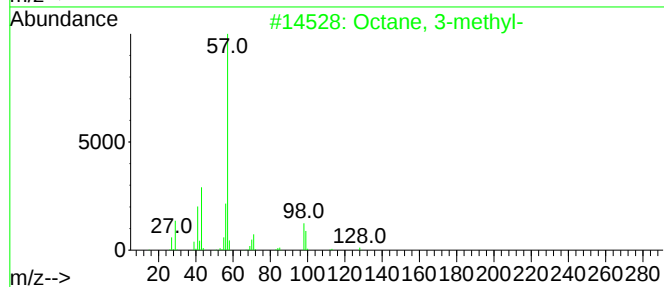
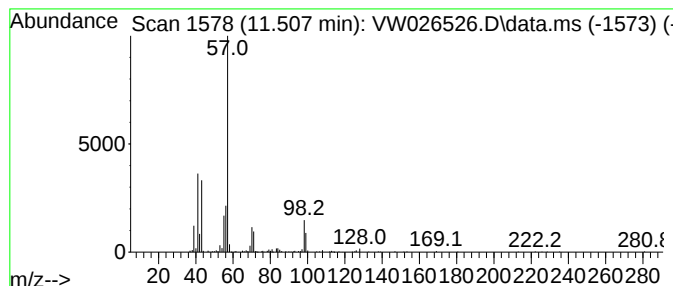
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	1.31 ug/L	128594	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-			128	C9H20	002216-33-3	80
2	Octane, 3-methyl-			128	C9H20	002216-33-3	80
3	Heptane, 2,5-dimethyl-			128	C9H20	002216-30-0	64
4	Octane, 3-methyl-			128	C9H20	002216-33-3	64
5	Heptane, 2,5-dimethyl-			128	C9H20	002216-30-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

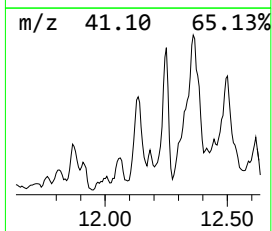
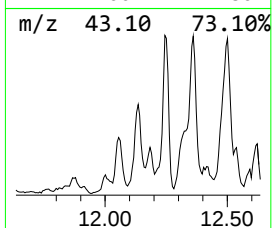
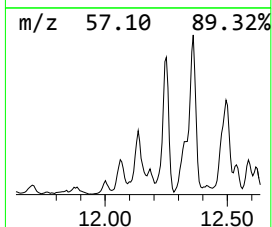
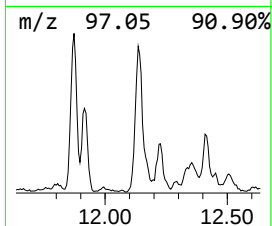
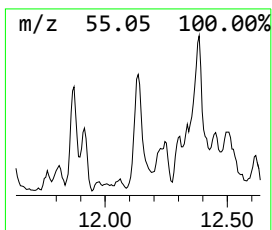
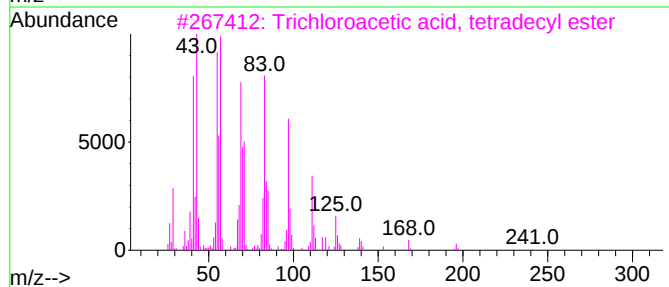
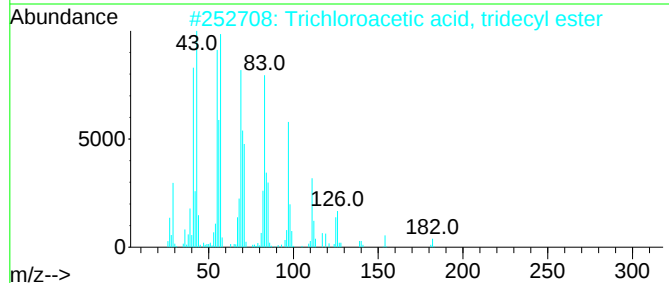
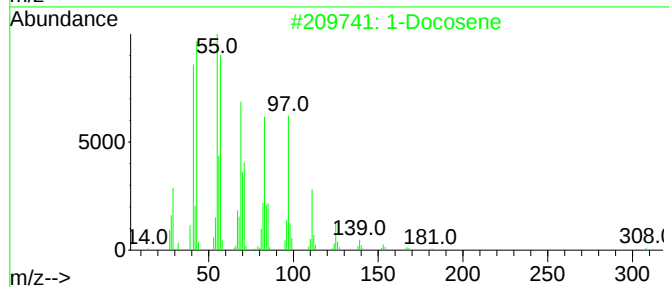
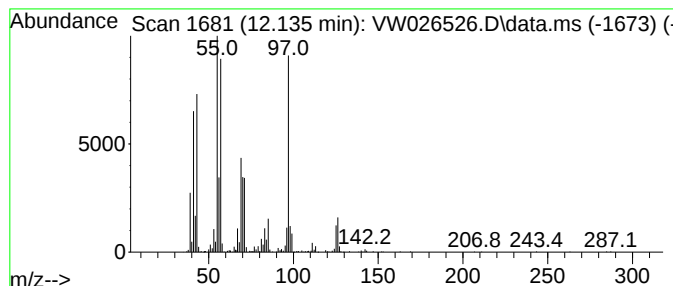
Instrument :
MSVOA_W
ClientSampleId :
A46W3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.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 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.135	4.47 ug/L	439723	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	64
2	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	49
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	49
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

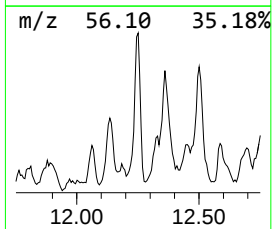
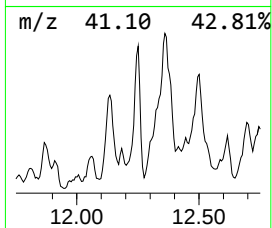
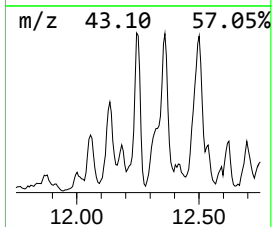
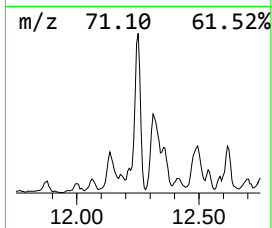
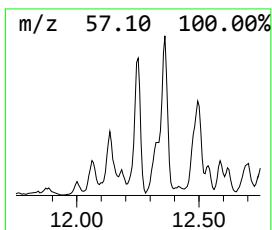
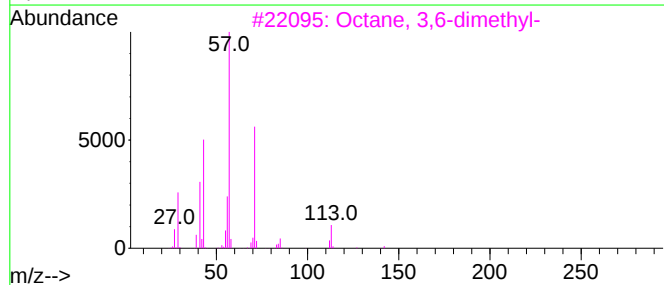
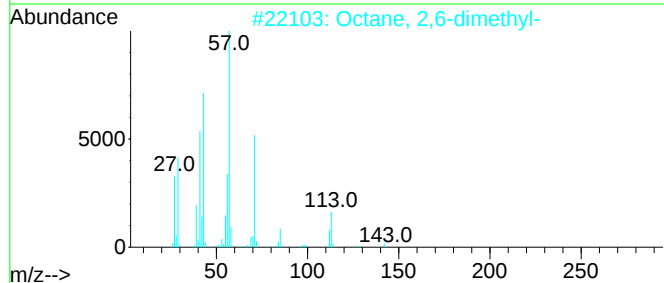
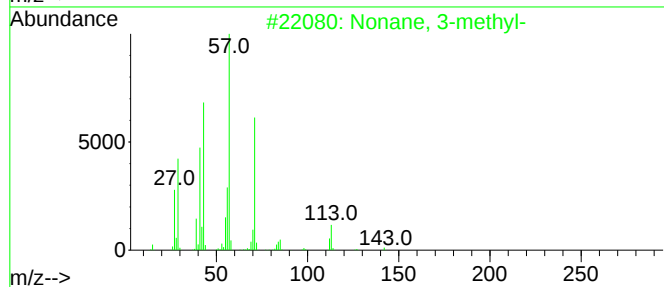
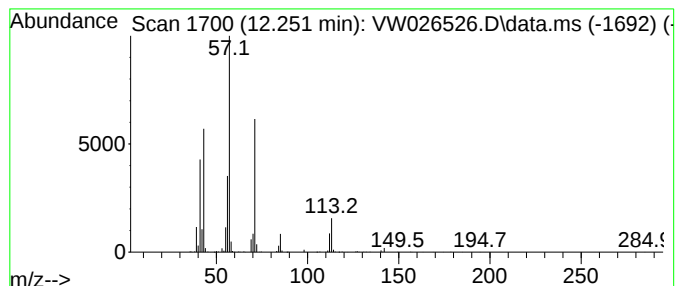
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	4.24 ug/L	417350	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

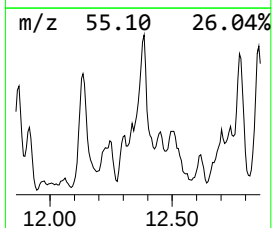
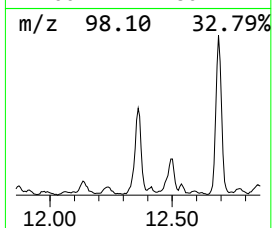
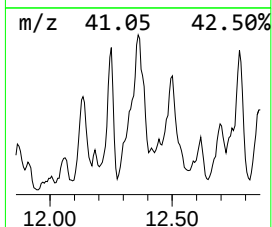
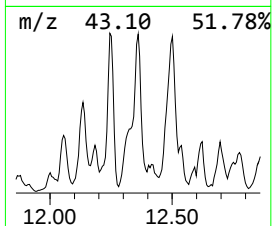
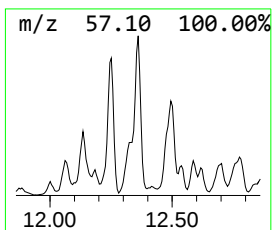
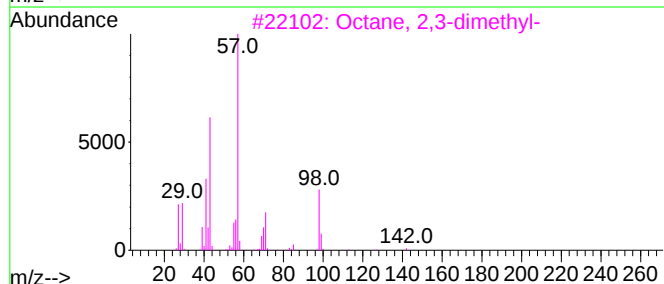
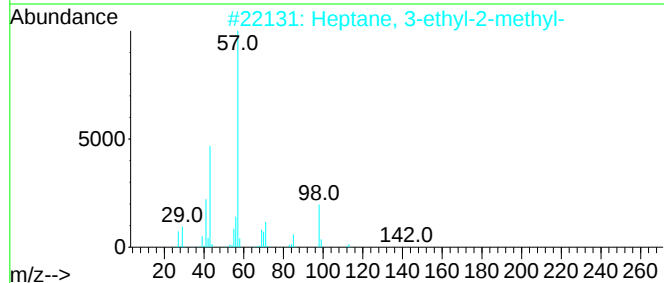
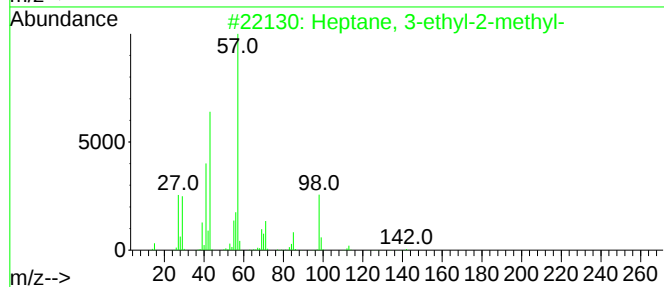
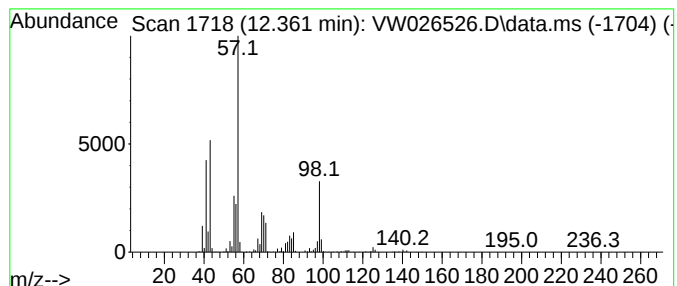
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	11.19 ug/L	1100980	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

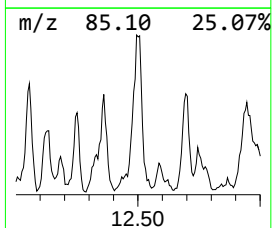
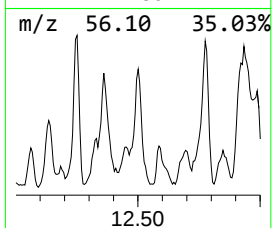
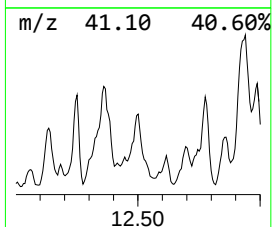
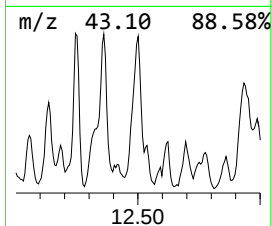
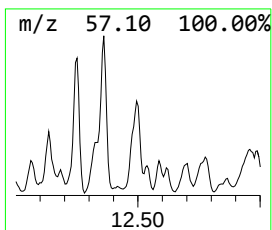
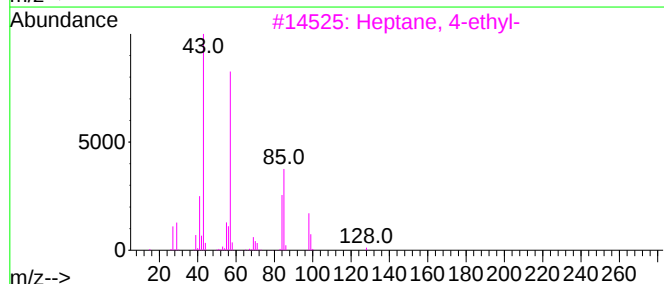
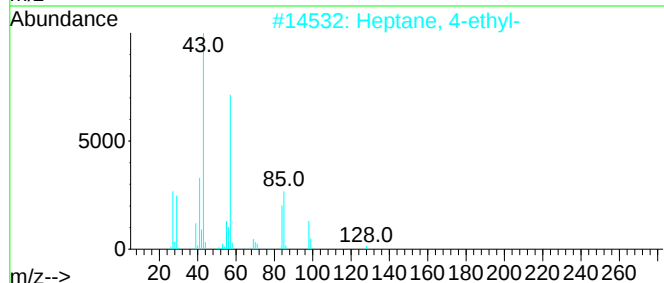
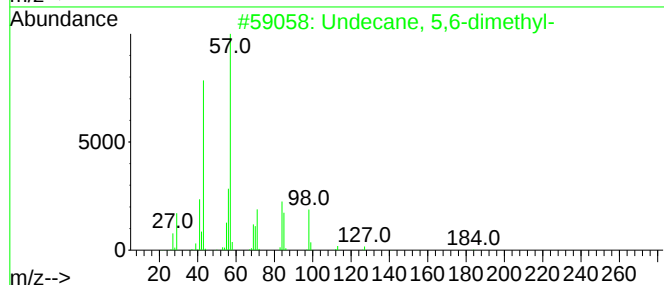
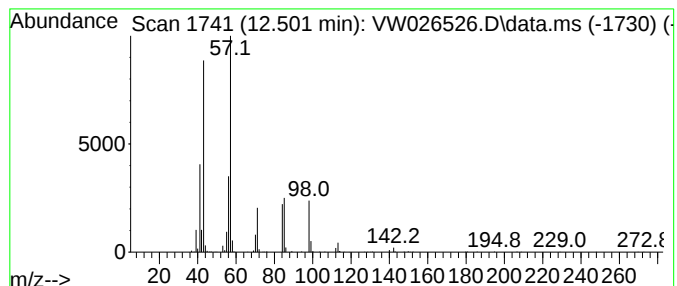
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.501	6.32 ug/L	621738	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	78
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
5			Heptane, 4-ethyl-	128	C9H20	002216-32-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

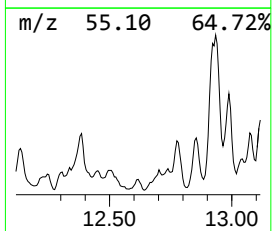
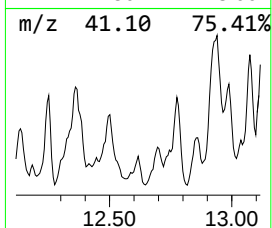
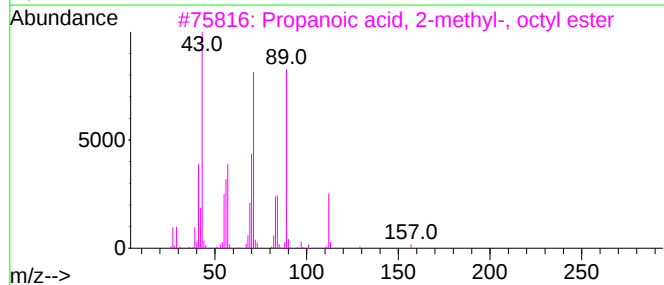
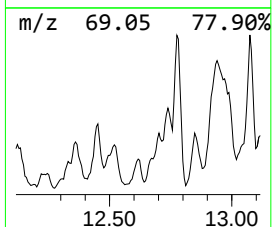
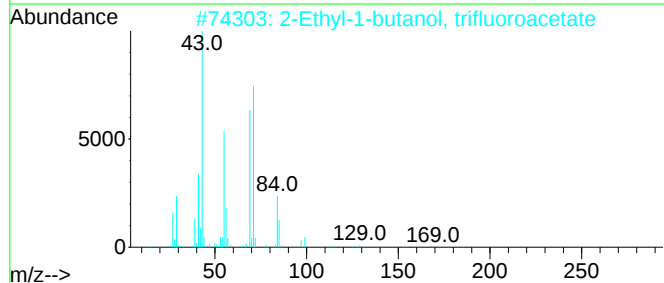
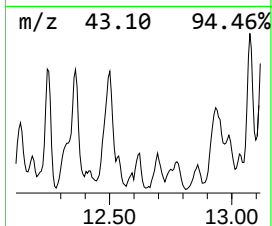
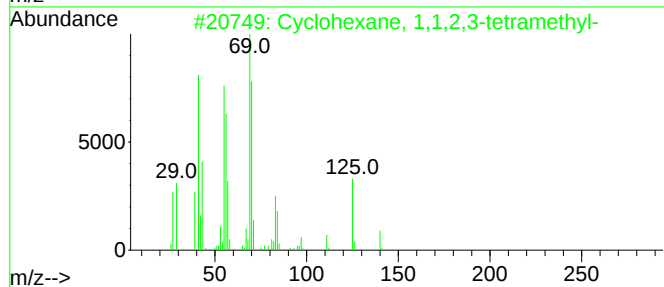
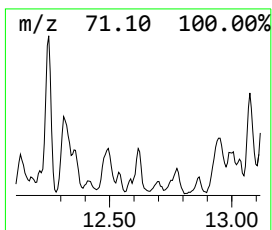
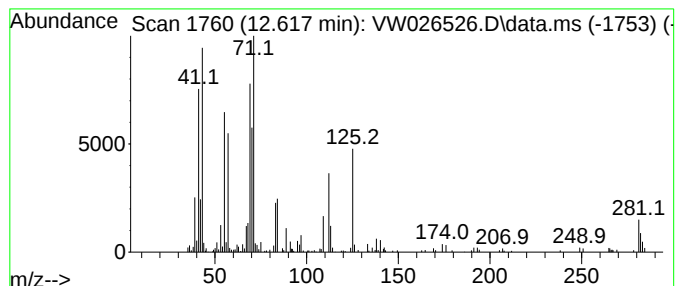
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.617 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	3.05 ug/L	219060	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
2			2-Ethyl-1-butanol, trifluoroacetate	198	C8H13F3O2	116464-98-3	47
3			Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	38
4			1-Acetyl-4,5-dihydro-1H-pyrazole	112	C5H8N2O	1000373-42-6	35
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

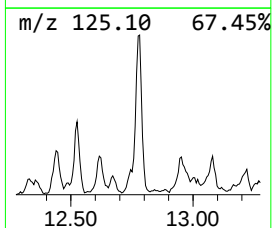
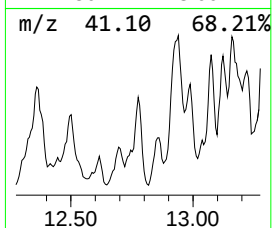
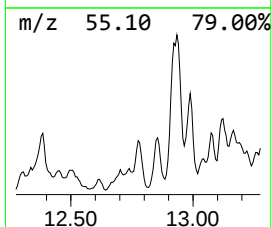
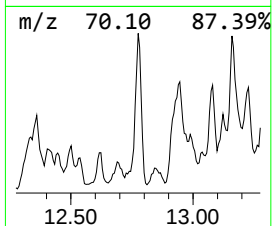
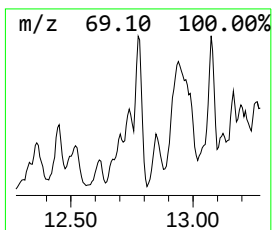
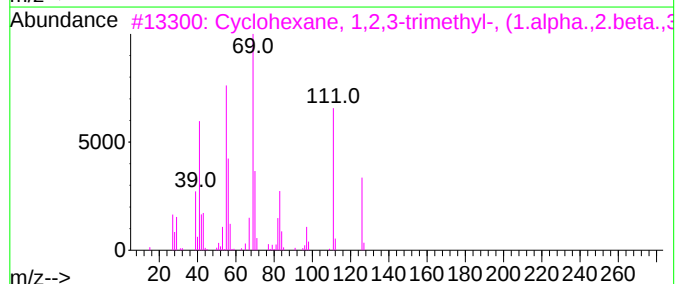
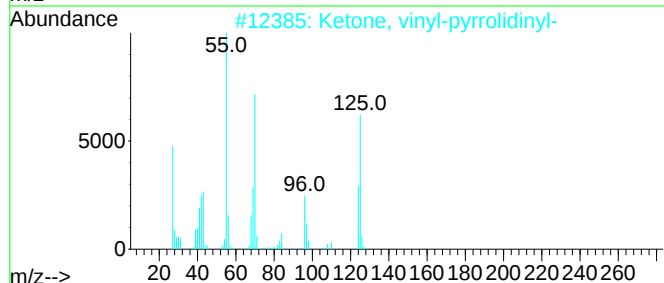
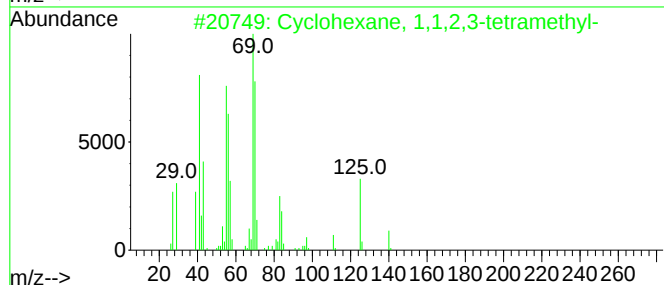
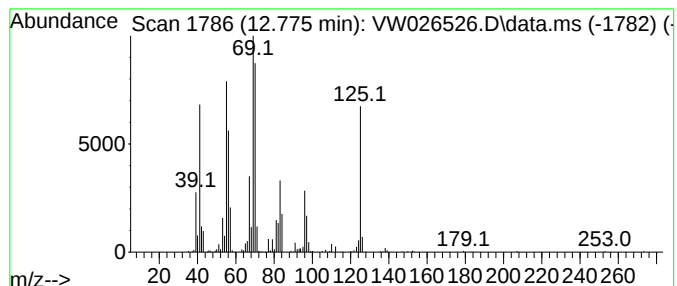
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic12.775 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	7.40 ug/L	531575	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	72
2			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	43
3			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	43
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	43
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

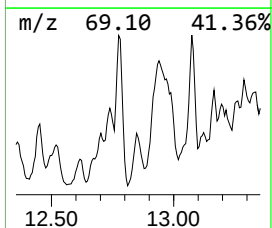
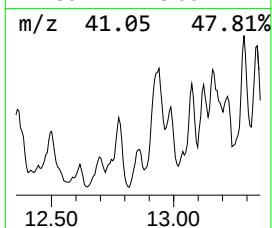
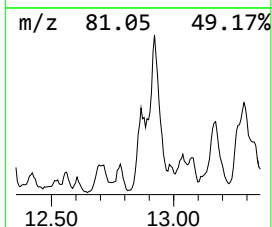
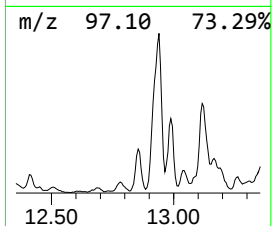
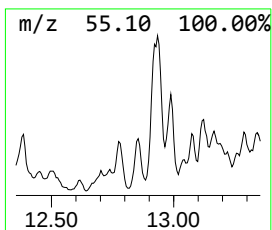
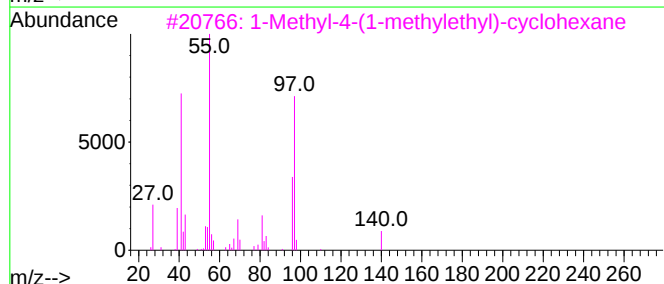
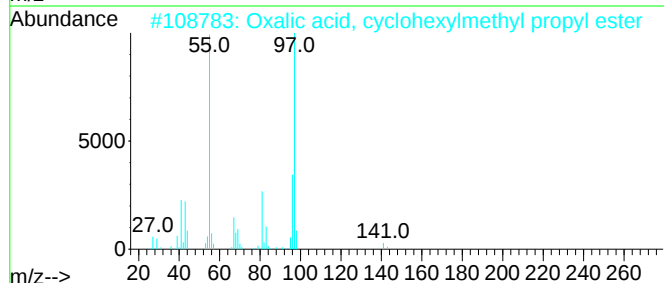
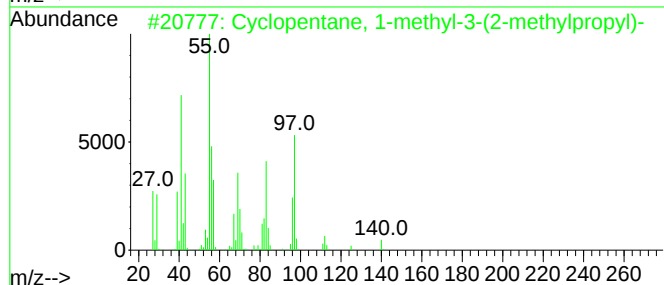
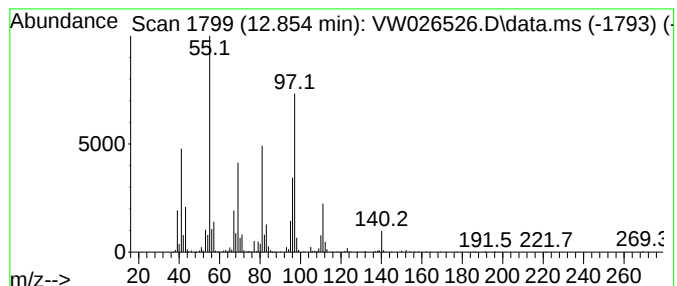
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.854 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.854	5.07 ug/L	364208	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	72
2			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	64
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	62
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

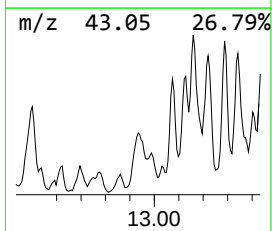
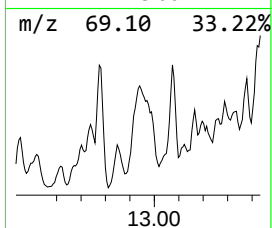
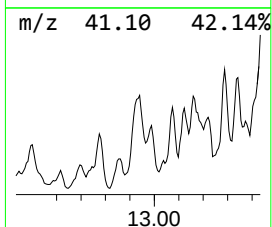
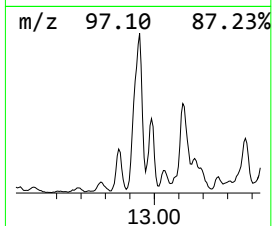
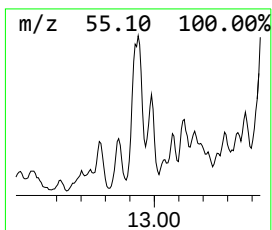
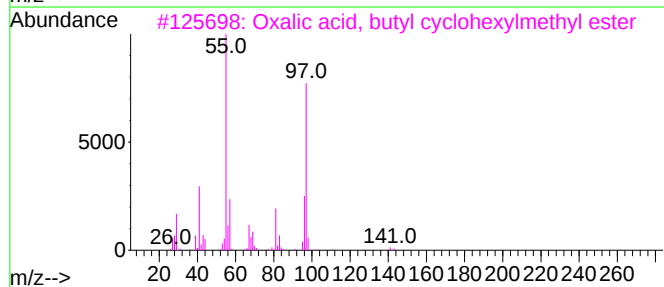
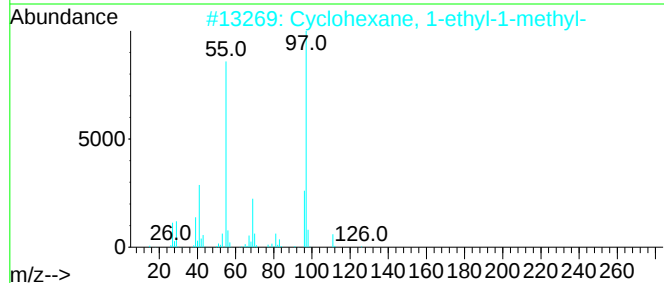
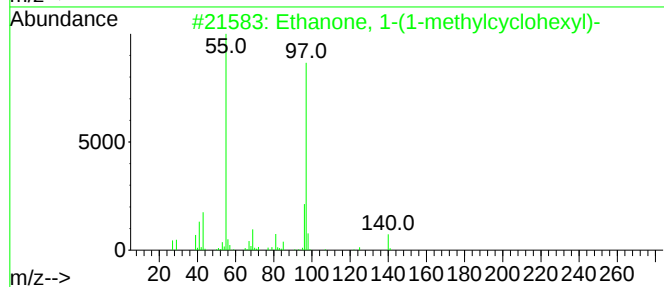
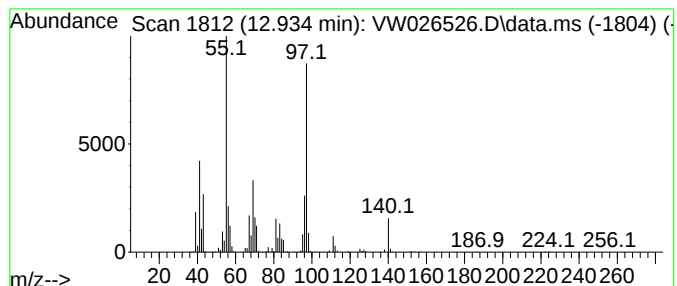
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	16.04 ug/L	1152210	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	64
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

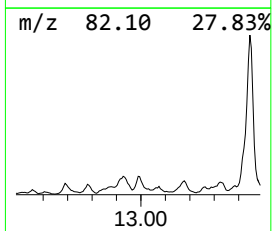
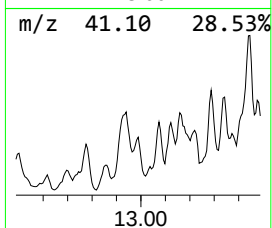
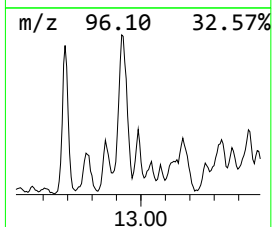
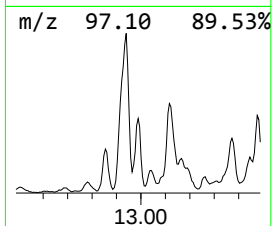
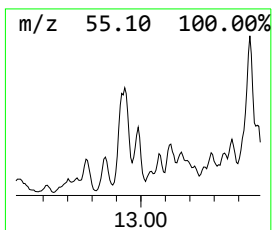
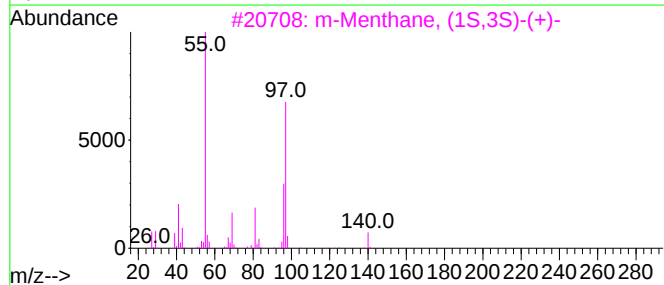
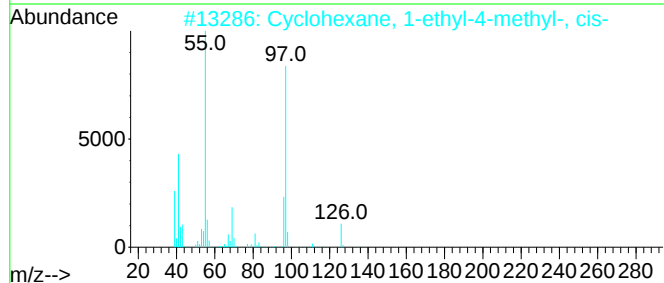
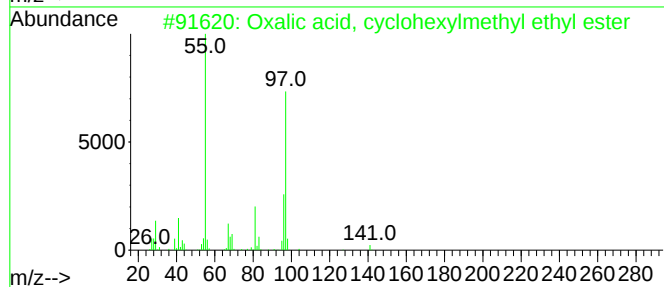
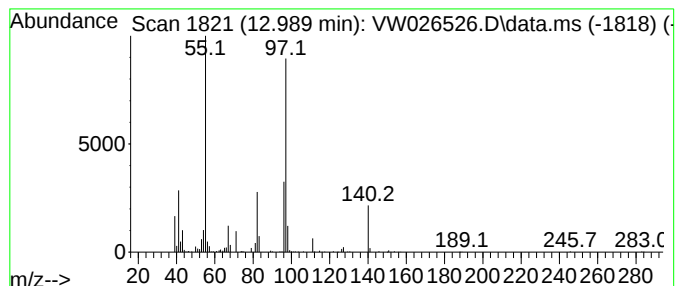
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 Oxalic acid, cyclohexylmeth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	4.50 ug/L	323404	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	59
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	59
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
5			Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

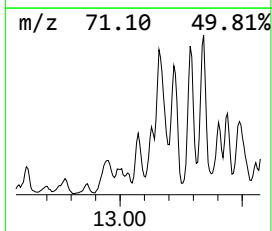
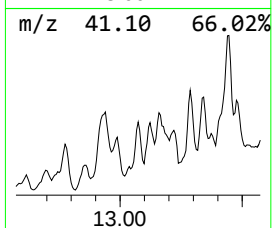
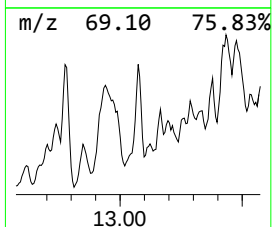
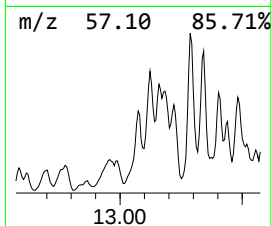
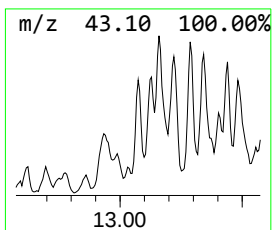
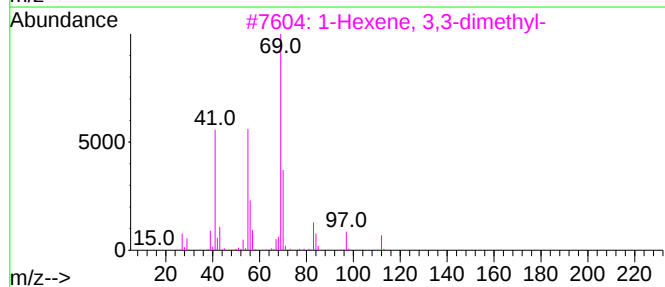
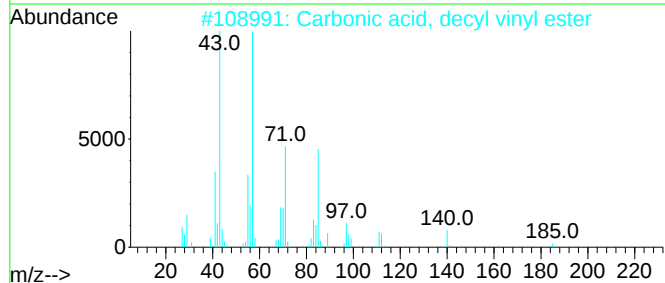
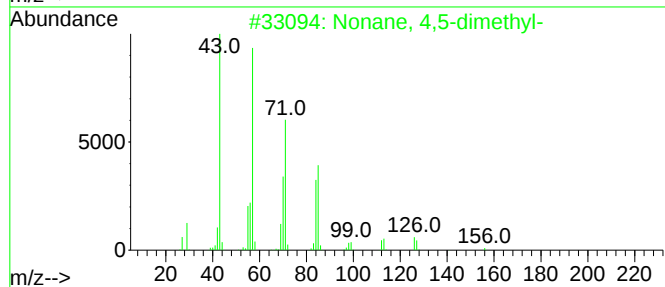
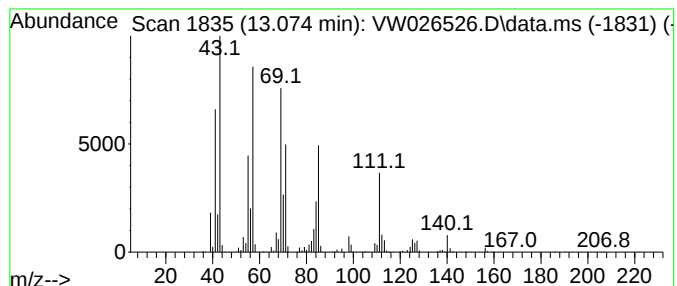
Instrument :
MSVOA_W
ClientSampleId :
A46W3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.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 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.074	5.20 ug/L	373806	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	55
2	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	46
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4	3-Methyl-2-hexene	98	C7H14	017618-77-8	38
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

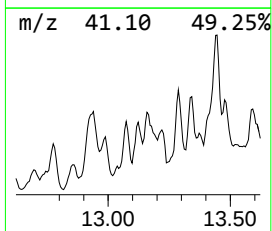
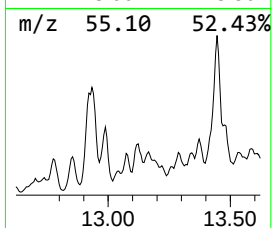
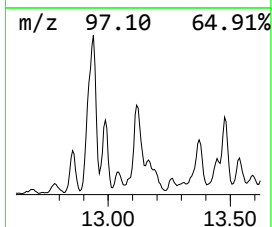
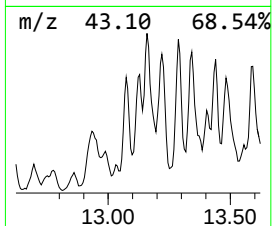
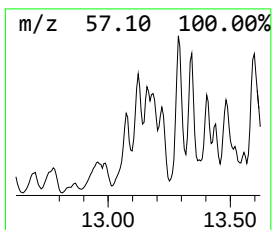
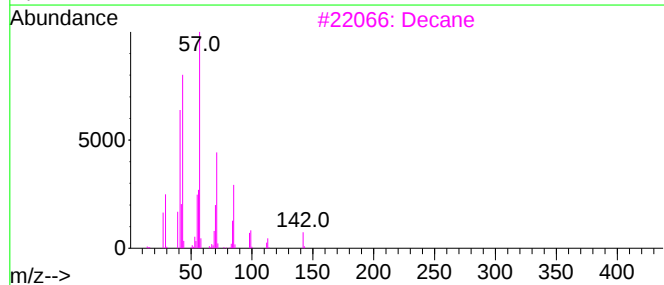
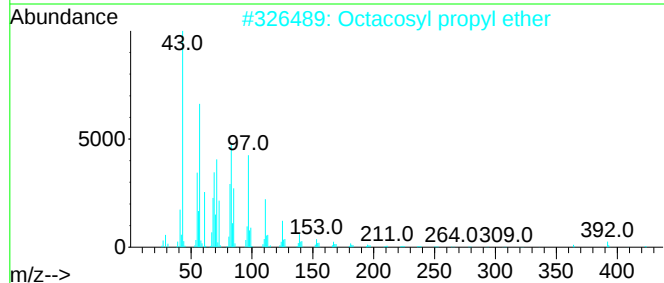
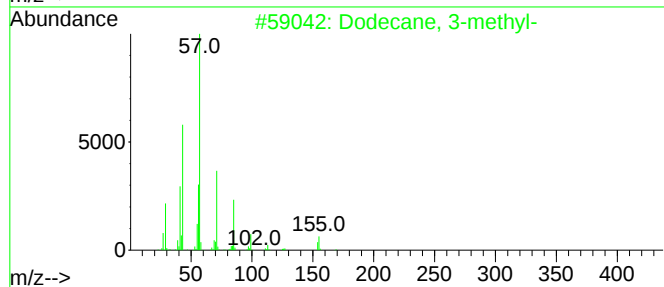
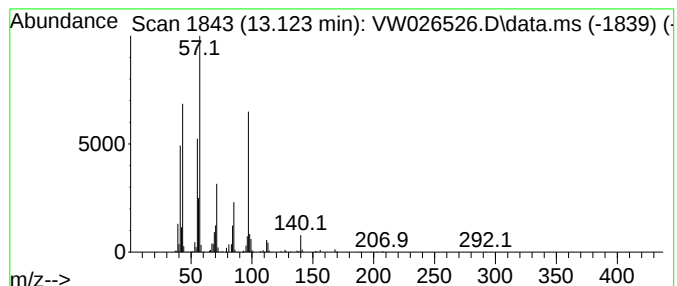
Instrument :
MSVOA_W
ClientSampleId :
A46W3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.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 30

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.123	5.34 ug/L	383318	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-		184	C13H28	017312-57-1	47
2	Octacosyl propyl ether		452	C31H64O	1000406-28-5	43
3	Decane		142	C10H22	000124-18-5	43
4	Cyclohexane, 1,1-dimethyl-		112	C8H16	000590-66-9	41
5	3,5-Dimethyldodecane		198	C14H30	107770-99-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

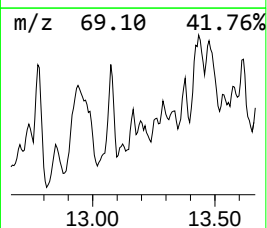
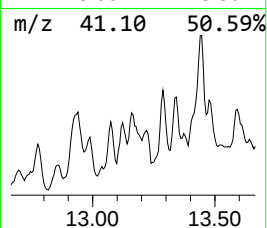
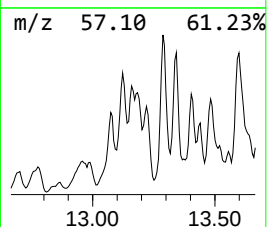
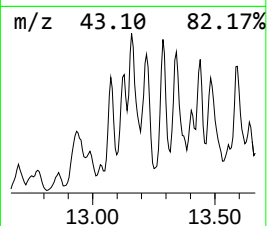
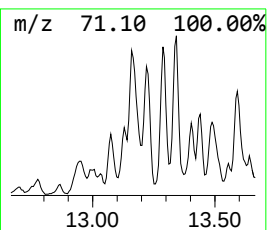
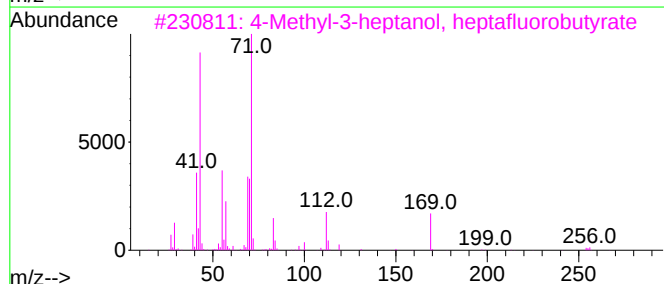
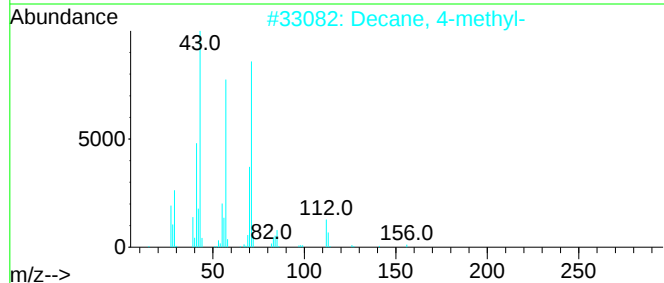
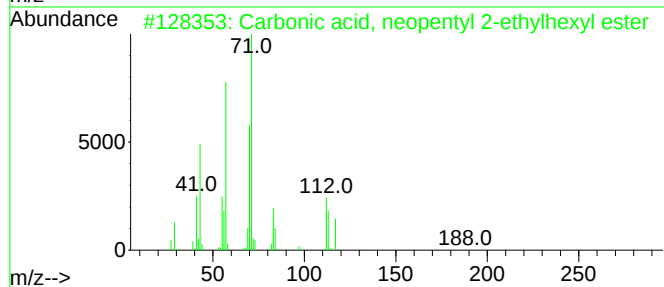
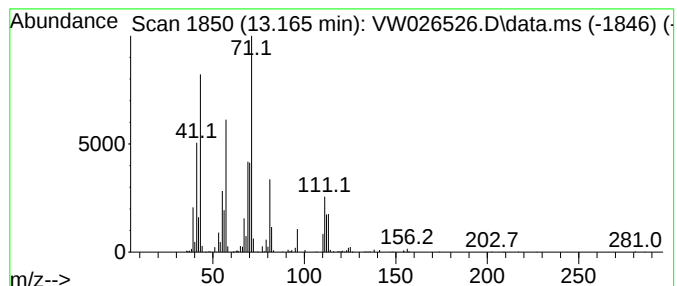
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 Carbonic acid, neopentyl 2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.165	4.69 ug/L	336872	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
2			Decane, 4-methyl-	156	C11H24	002847-72-5	58
3			4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	53
4			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	50
5			Pentane-2-sulfonamide	151	C5H13NO2S	017854-62-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

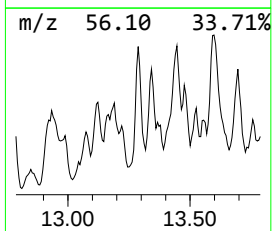
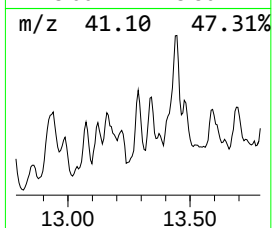
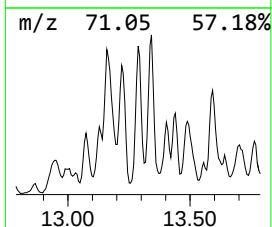
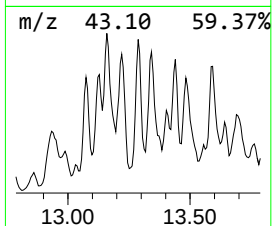
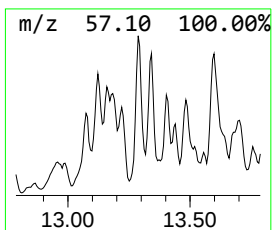
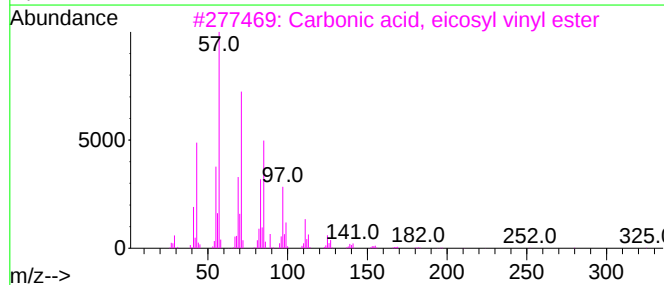
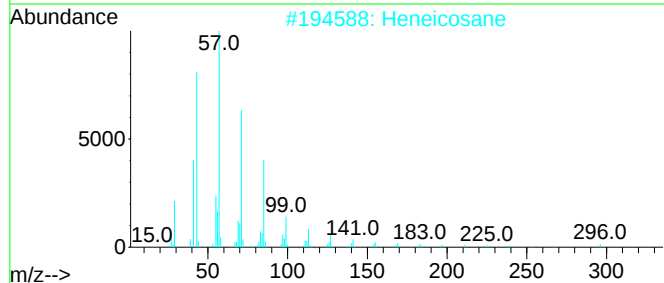
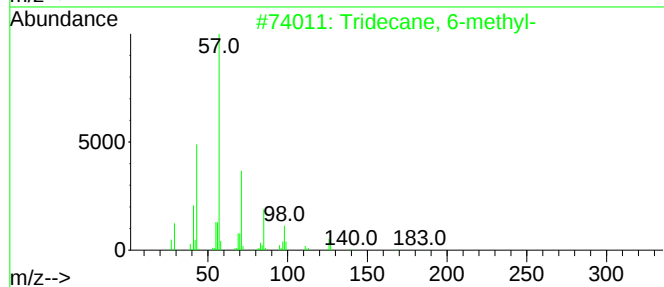
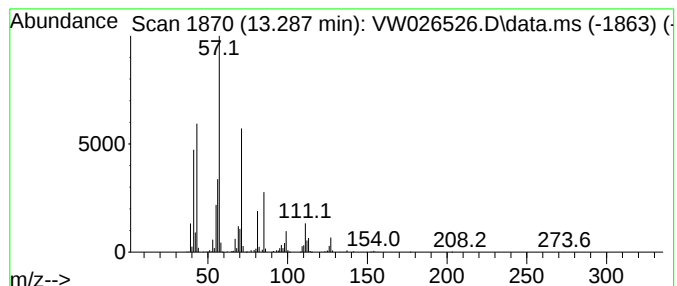
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	9.85 ug/L	707292	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2		Heneicosane	296	C21H44	000629-94-7	64
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
4		Tridecane	184	C13H28	000629-50-5	64
5		Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

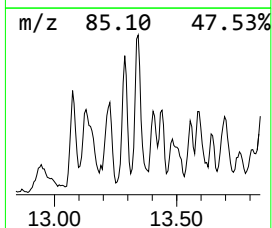
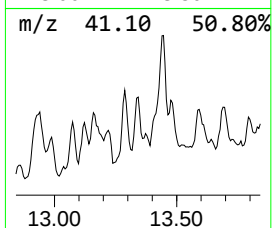
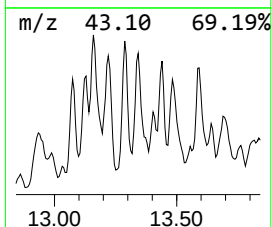
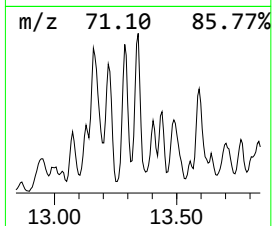
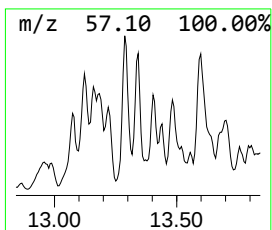
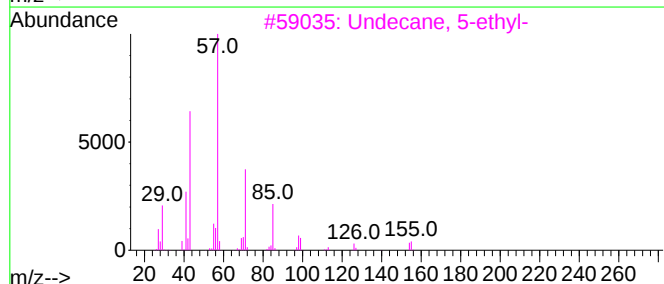
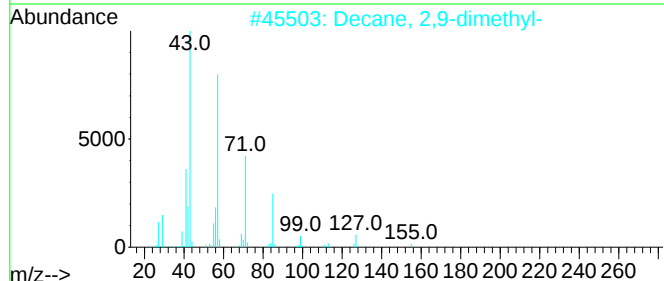
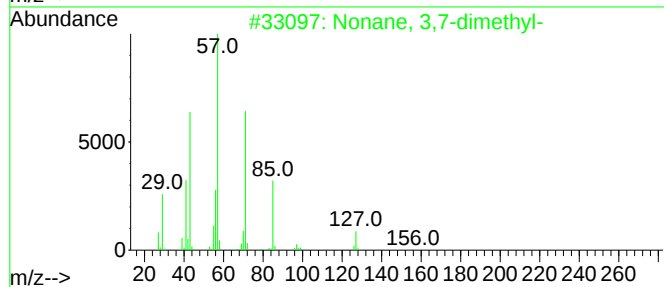
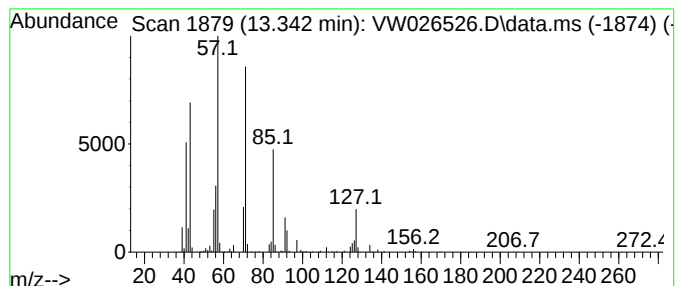
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	7.08 ug/L	508516	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
4		Decane, 3-methyl-	156	C11H24	013151-34-3	58
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

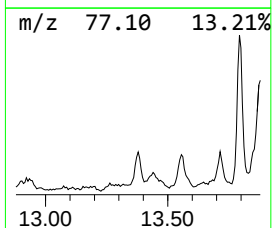
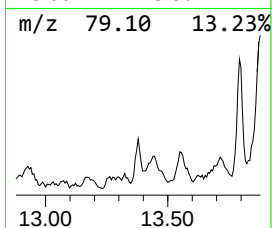
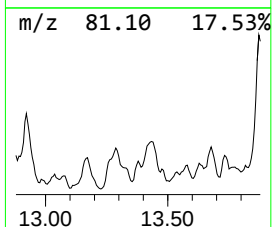
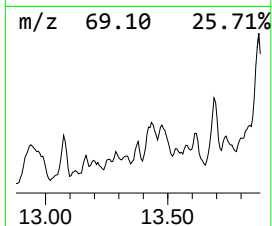
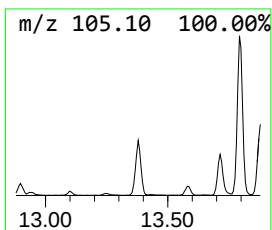
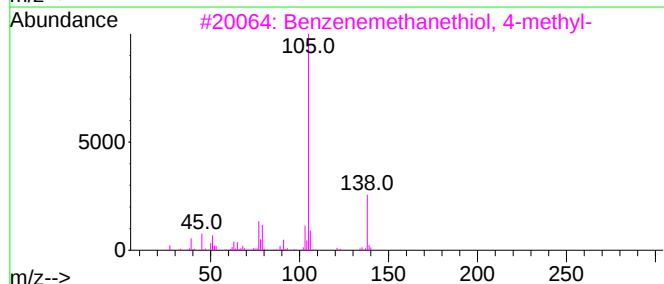
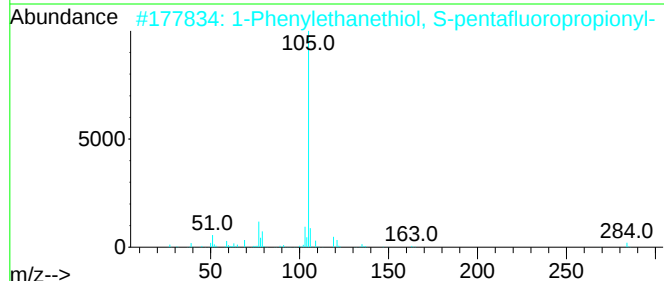
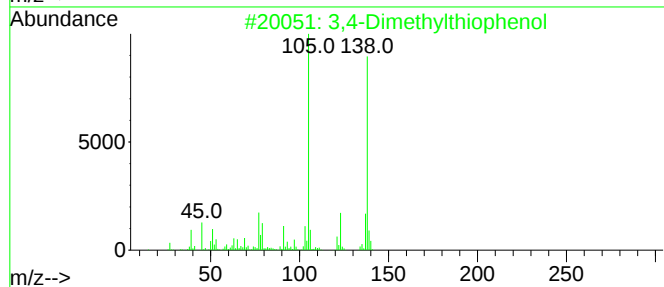
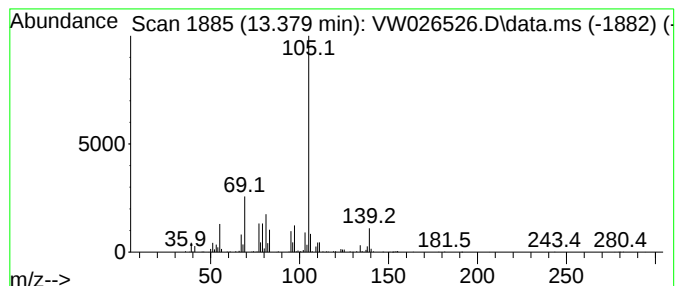
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	3.58 ug/L	257338	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	38
2		1-Phenylethanethiol, S-pentafluo...	284	C11H9F5OS	1000469-38-3	35
3		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	35
4		Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	35
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

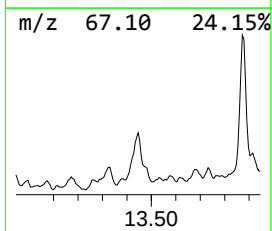
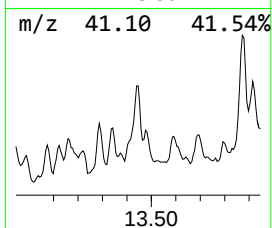
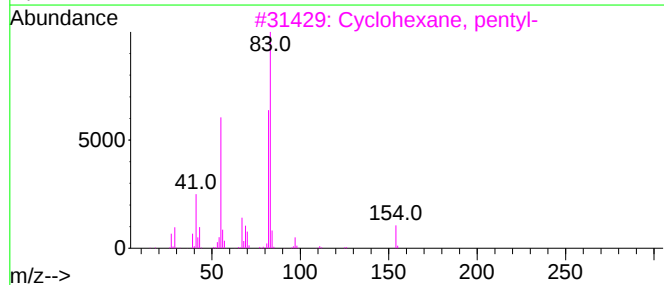
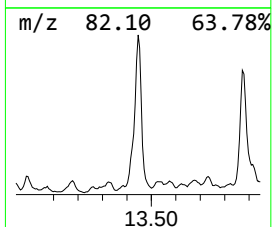
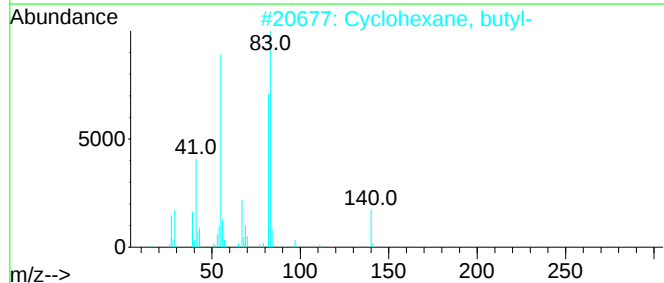
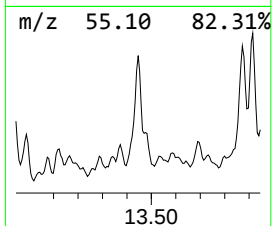
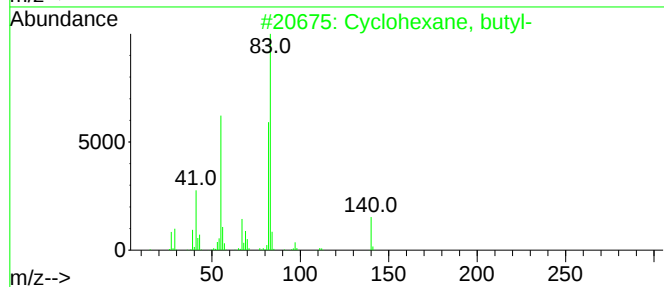
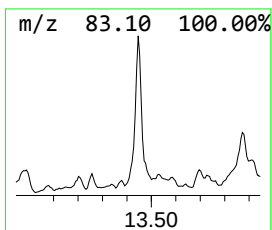
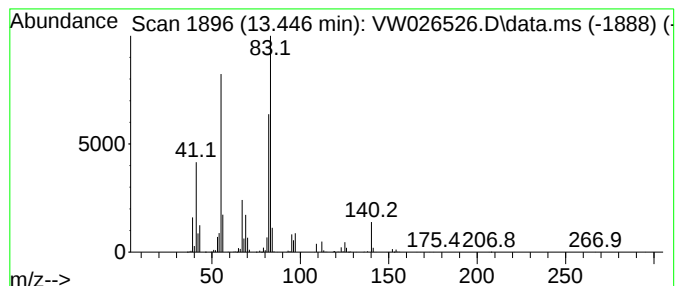
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic13.446 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	16.58 ug/L	1190590	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

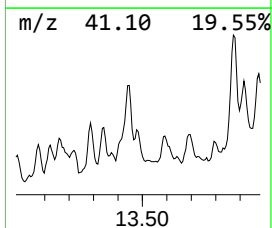
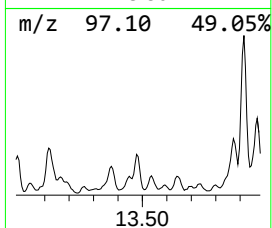
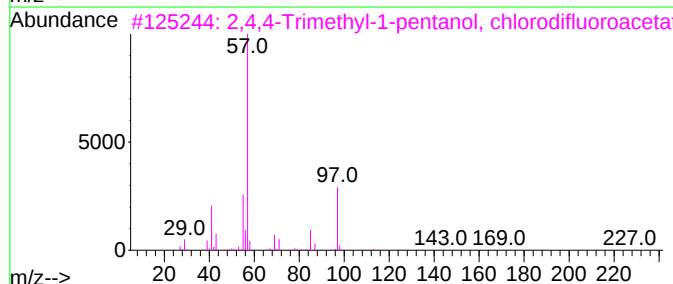
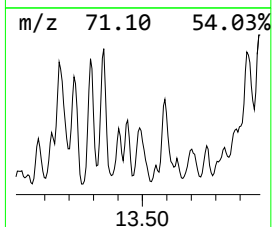
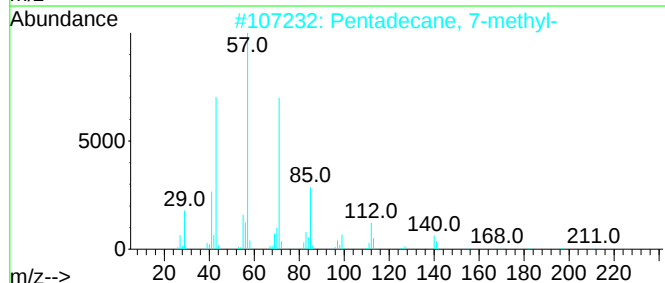
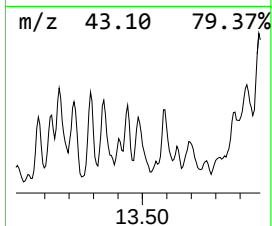
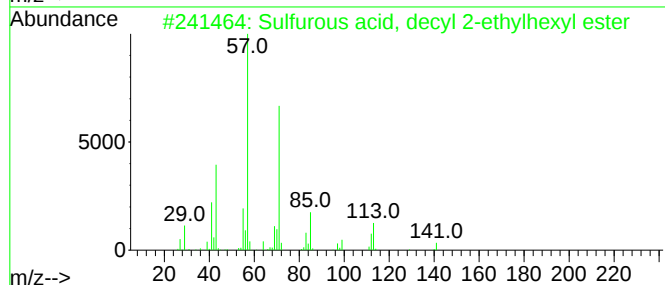
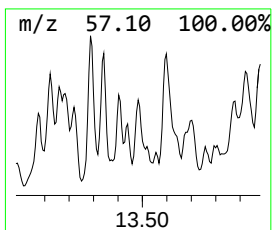
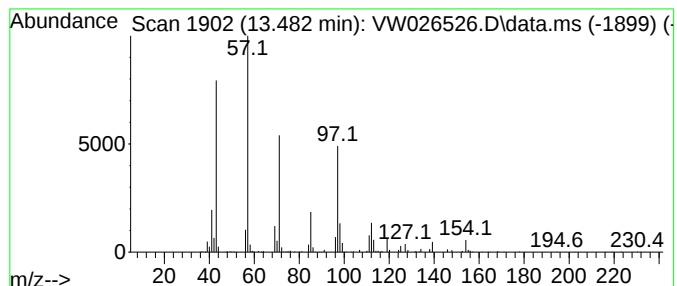
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.482	5.76 ug/L	413596	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	38
3			2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	38
4			2,4-Pentanedione, 3-(1-methyl-2-...	154	C9H14O2	029149-83-5	38
5			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

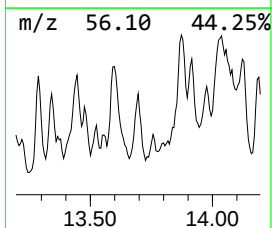
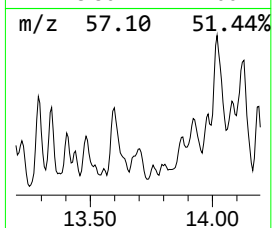
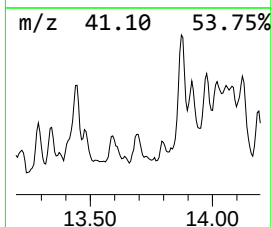
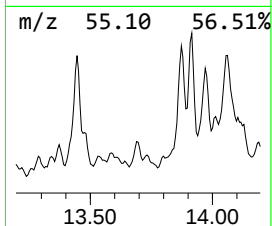
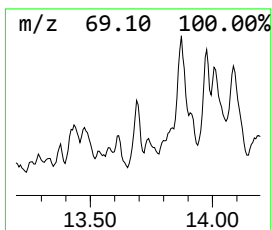
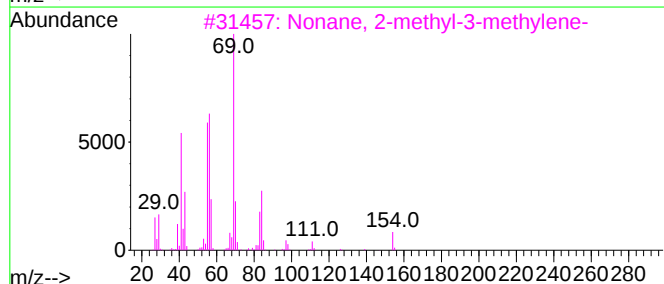
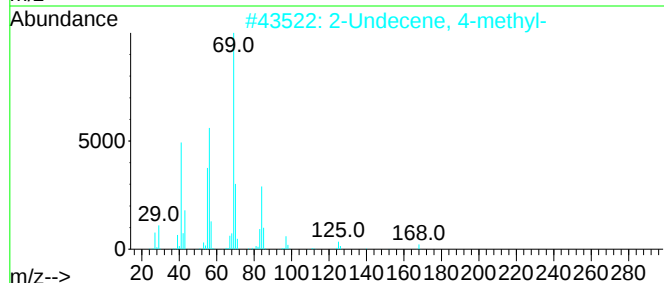
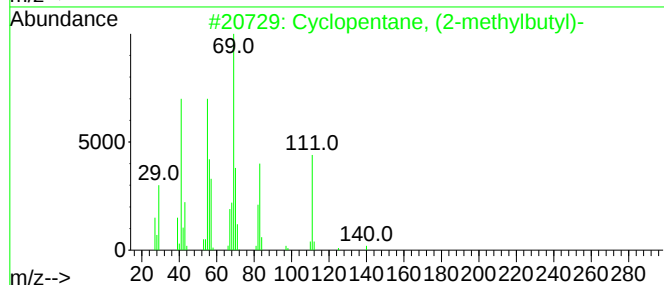
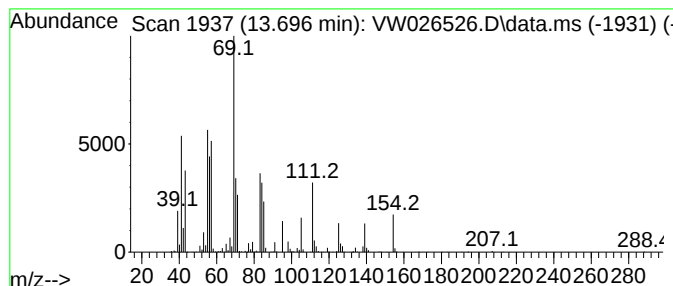
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic13.696 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	12.05 ug/L	865538	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43
4			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	38
5			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

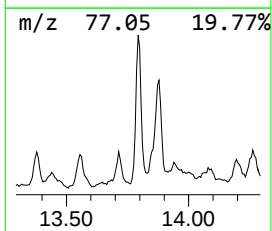
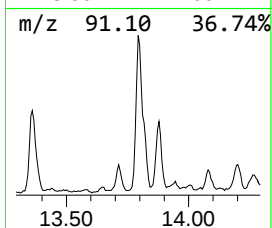
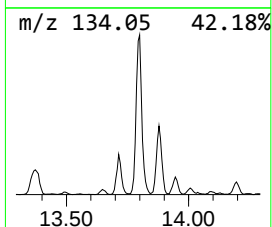
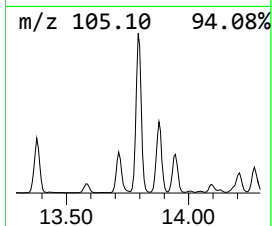
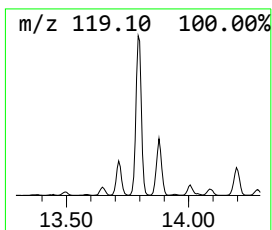
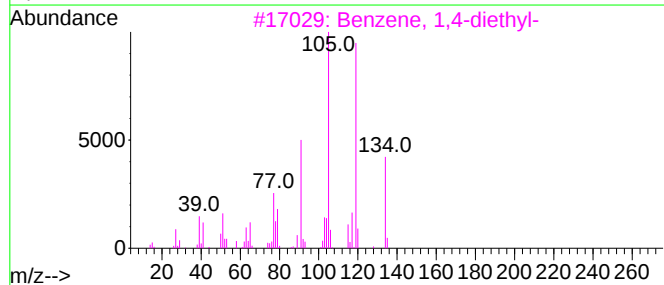
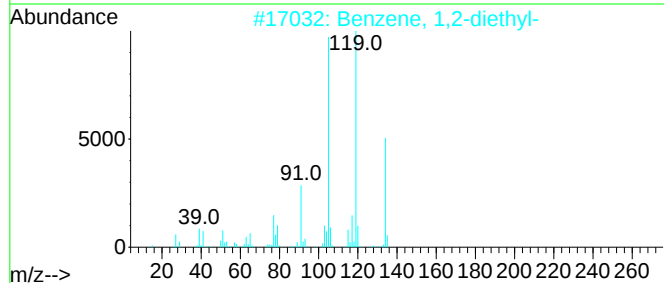
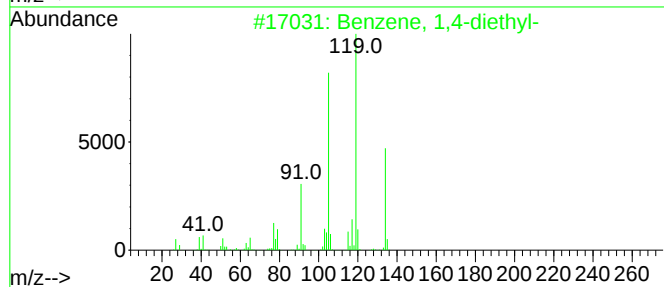
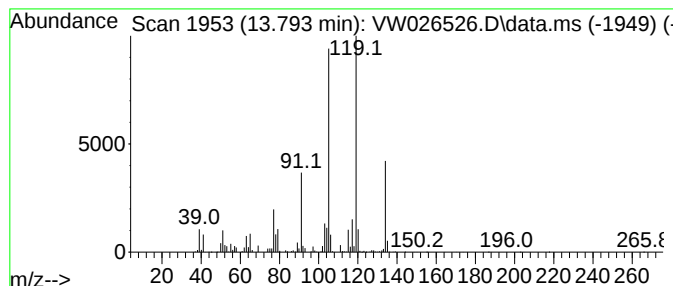
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.793	19.41 ug/L	1393680	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

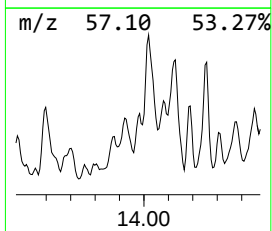
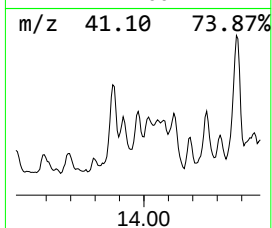
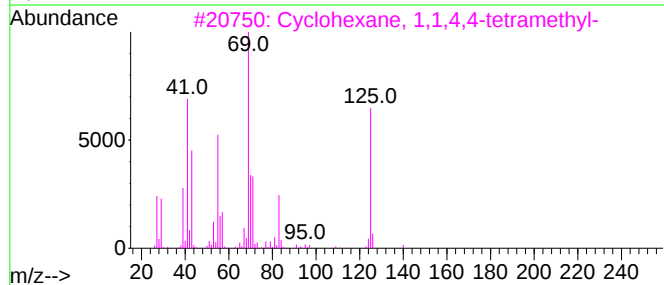
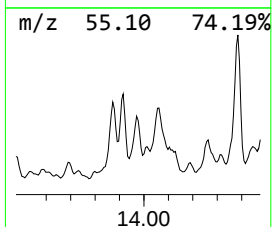
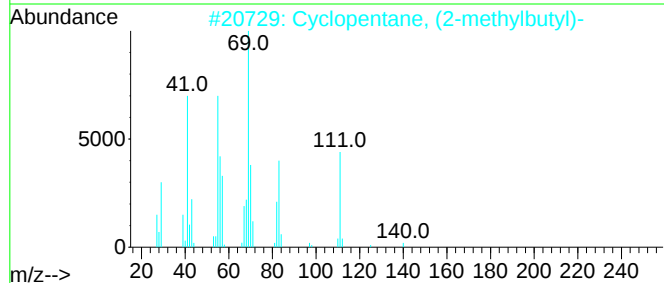
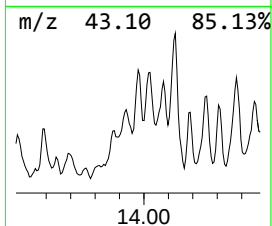
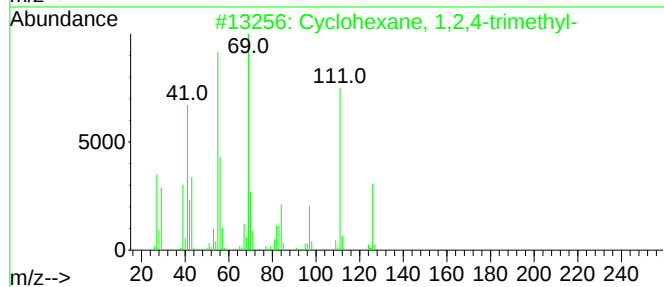
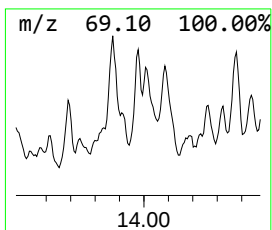
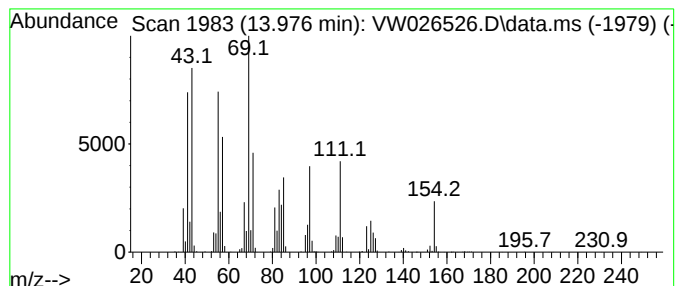
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic13.976 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	8.84 ug/L	634534	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
3			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
4			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	38
5			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

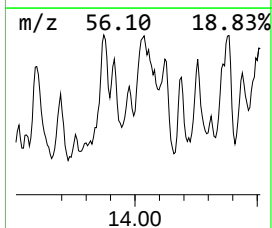
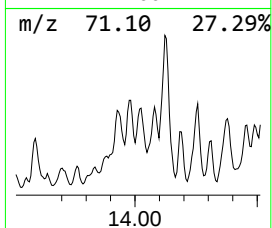
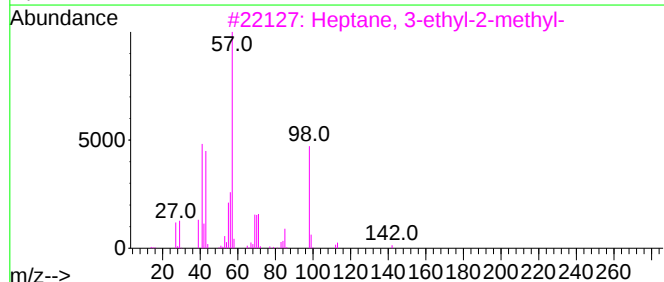
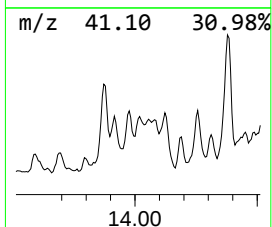
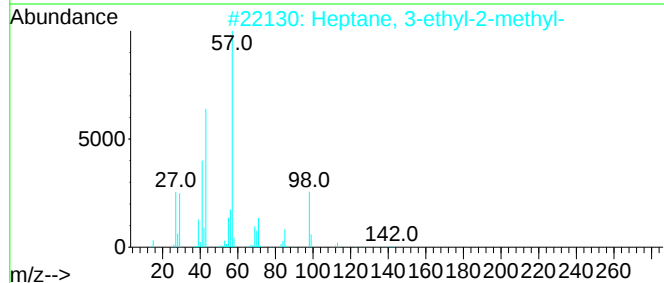
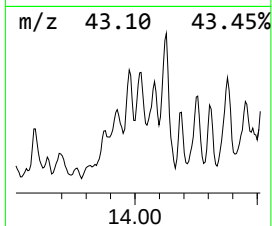
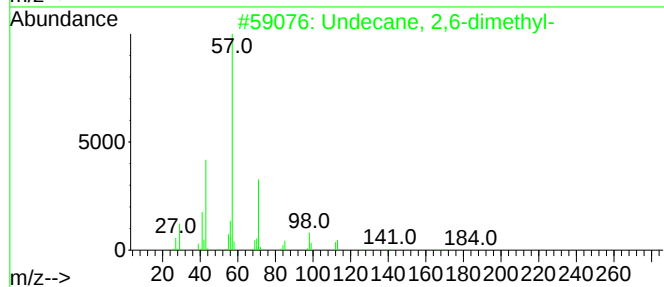
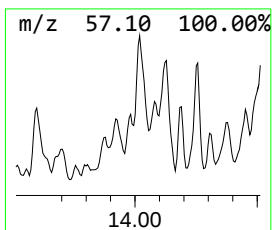
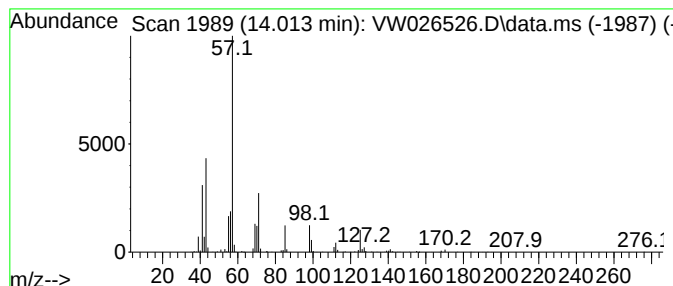
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	4.08 ug/L	293293	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	58
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

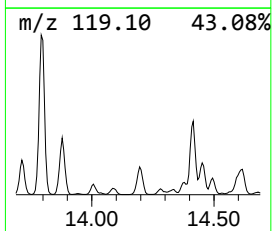
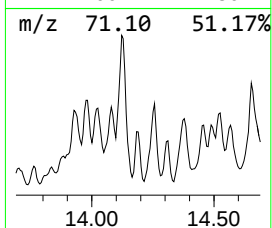
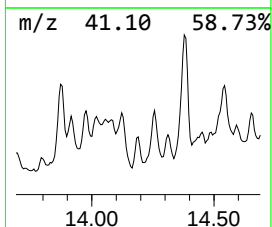
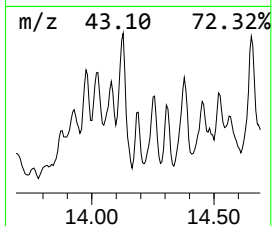
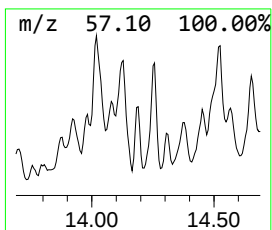
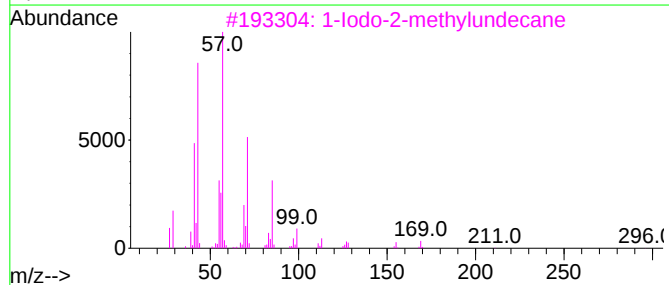
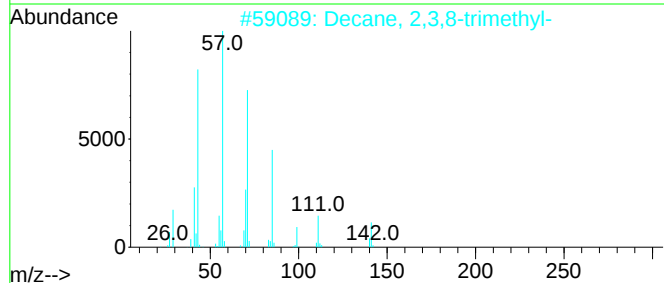
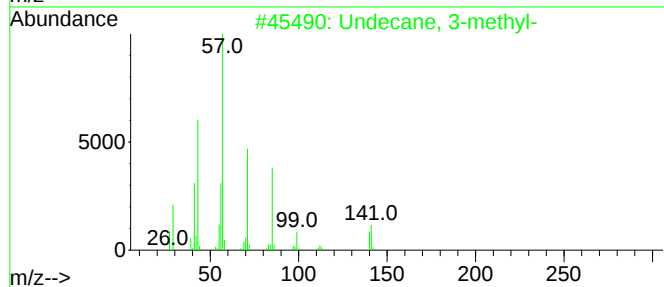
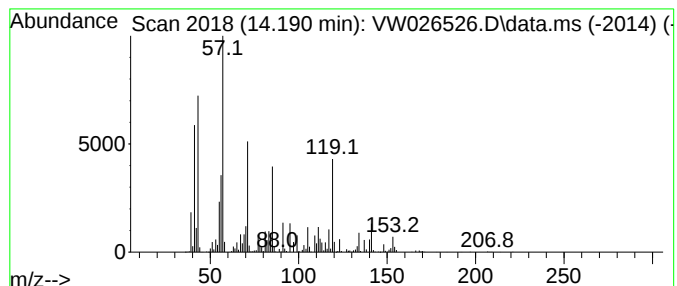
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	11.04 ug/L	792903	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	52
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	49
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	46
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

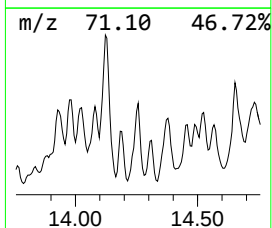
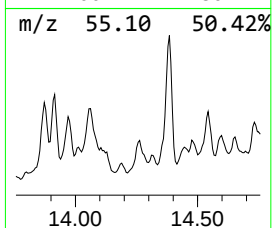
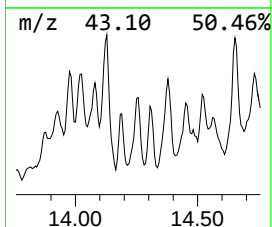
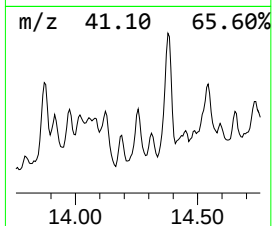
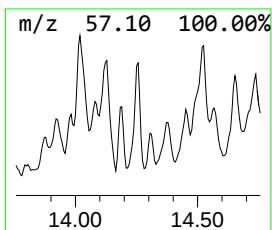
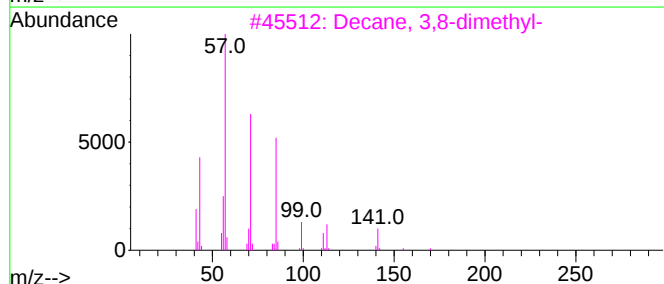
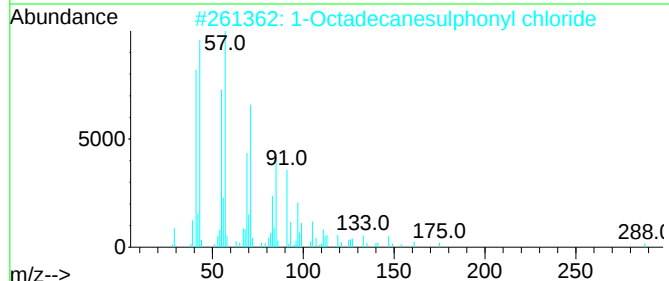
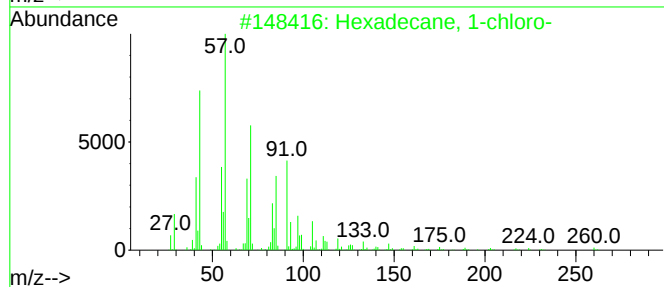
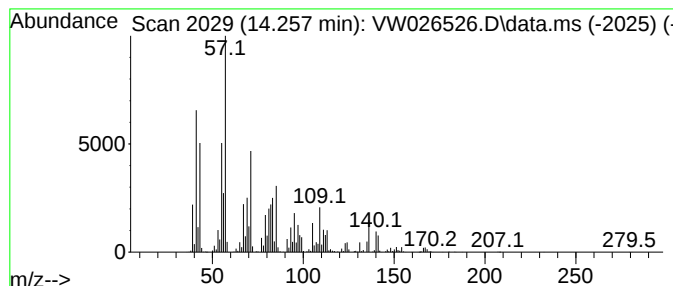
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 Hexadecane, 1-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	14.02 ug/L	1006880	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	52
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	41
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

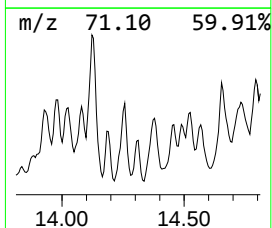
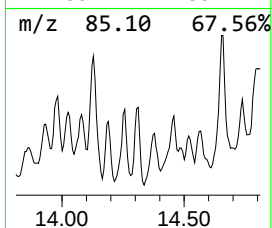
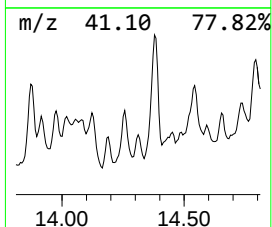
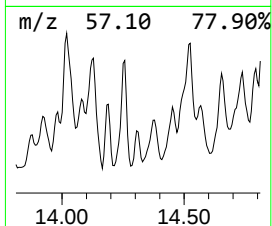
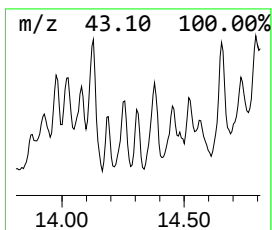
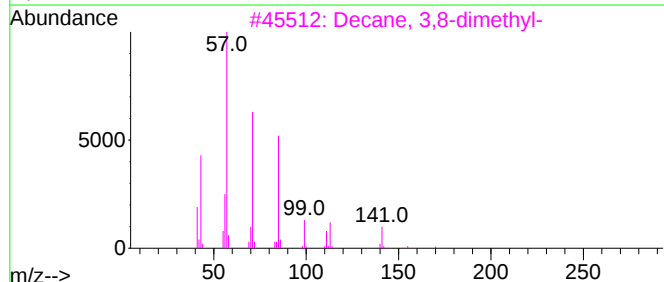
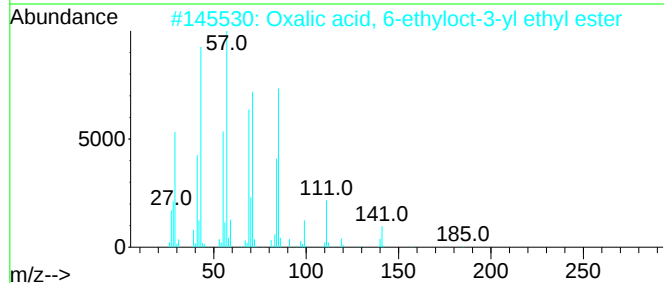
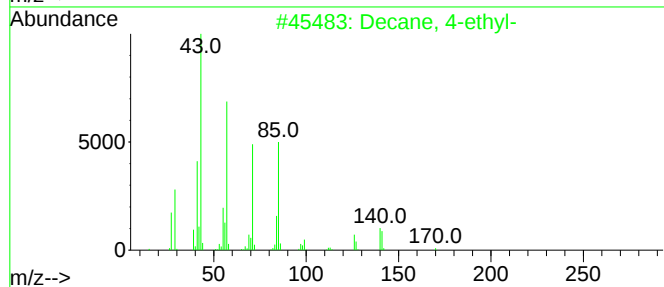
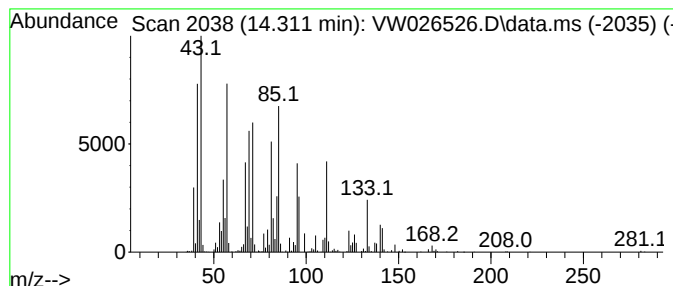
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	5.98 ug/L	429809	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	80
2			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	30
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	25
4			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	22
5			Tridecane, 5-methyl-	198	C14H30	025117-31-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

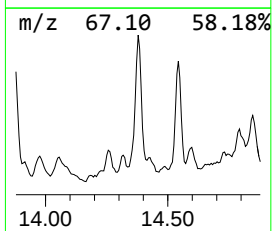
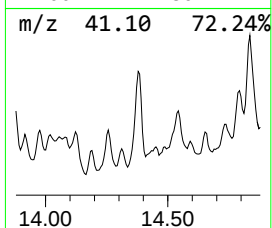
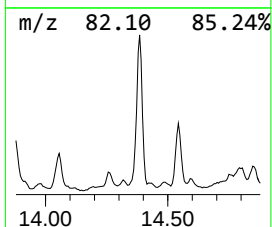
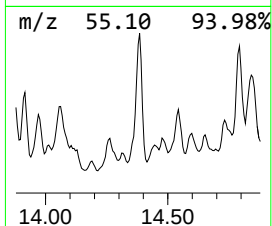
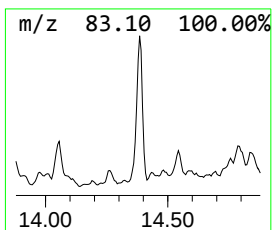
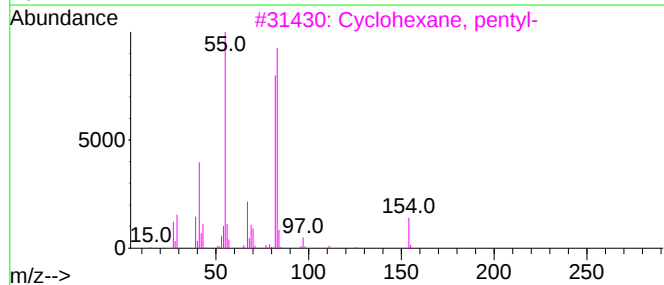
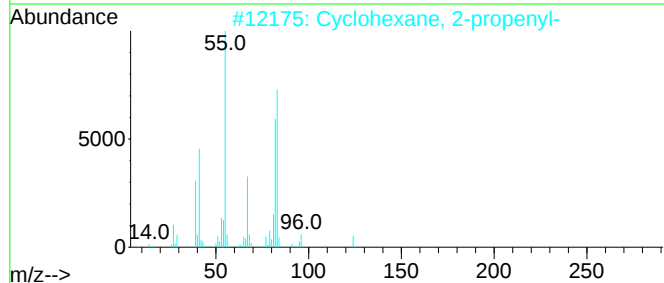
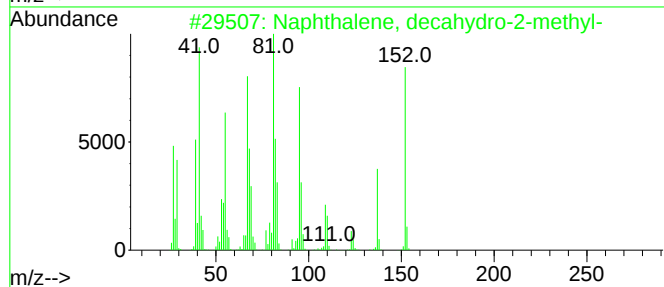
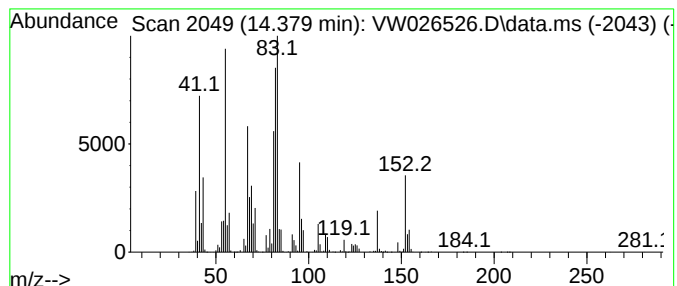
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	45.98 ug/L	3301970	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	80
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
4			Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	49
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

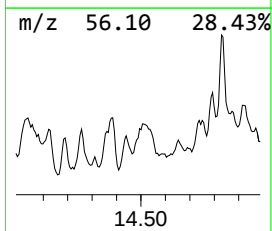
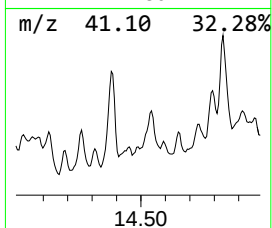
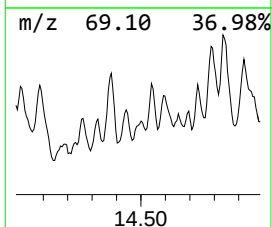
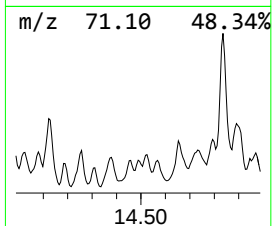
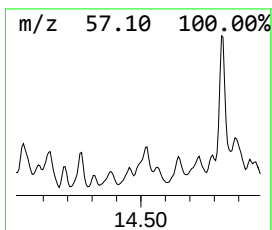
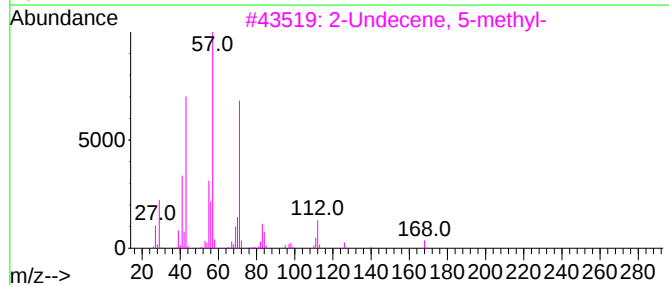
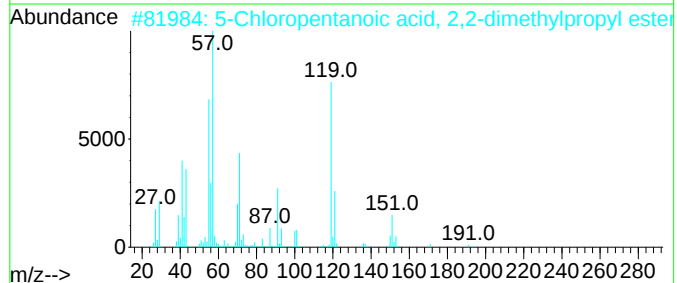
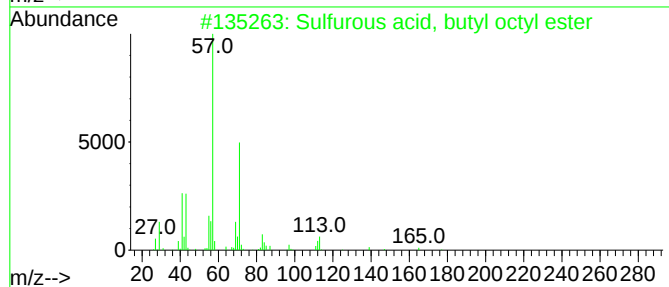
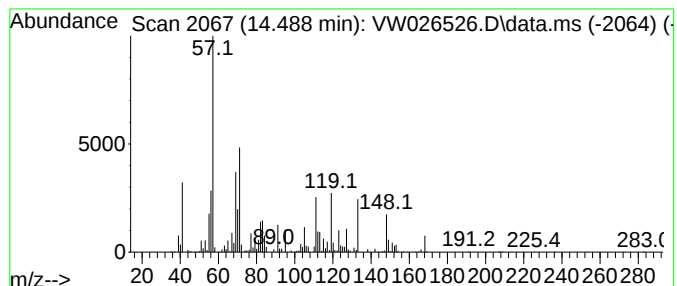
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.488	3.55 ug/L	255139	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	27
2			5-Chloropentanoic acid, 2,2-dime...	206	C10H19ClO2	1000293-48-5	22
3			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	22
4			2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	22
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

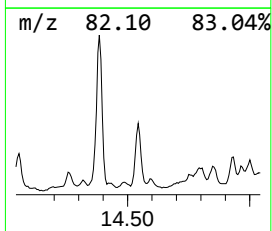
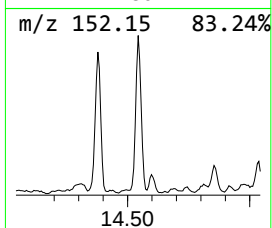
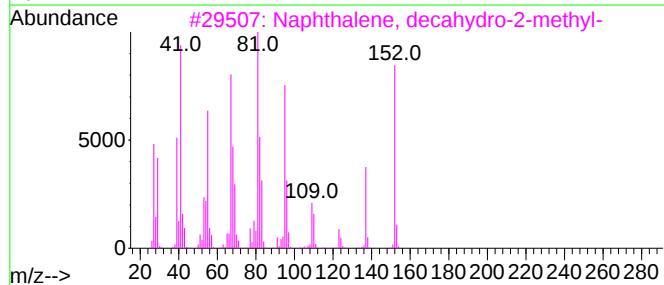
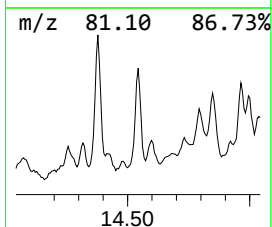
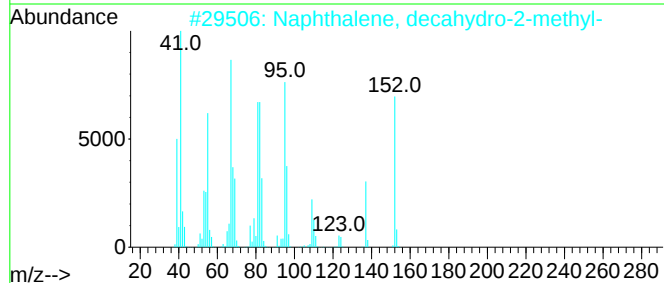
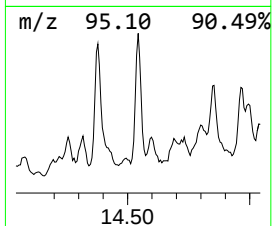
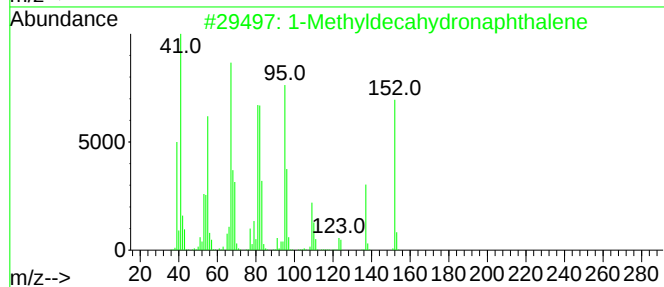
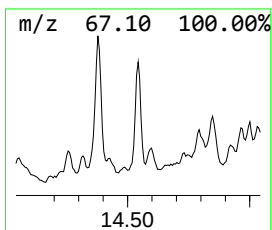
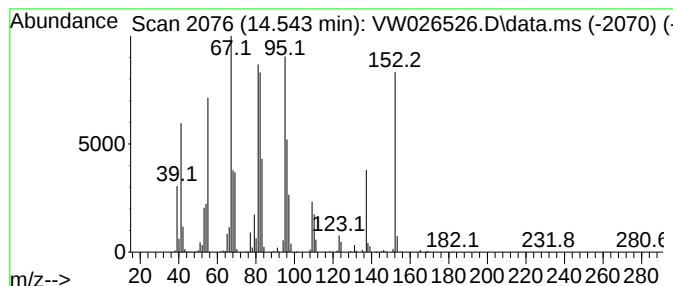
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 1-Methyldecahydronaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	23.33 ug/L	1675250	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
5			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

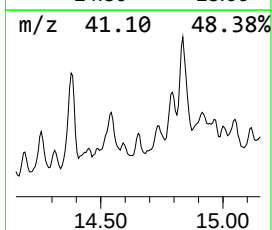
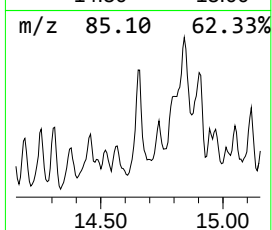
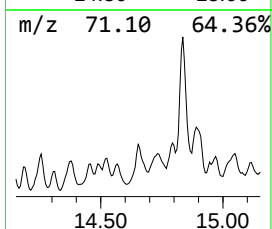
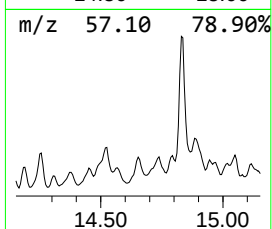
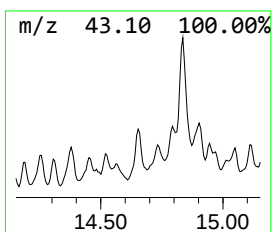
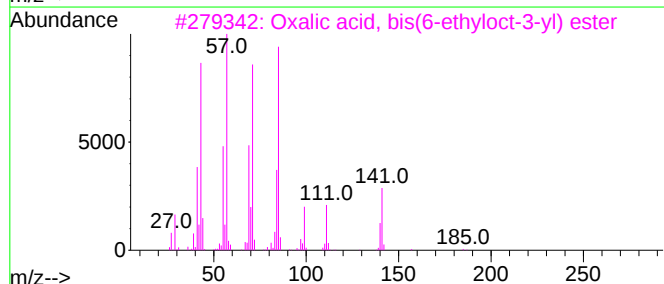
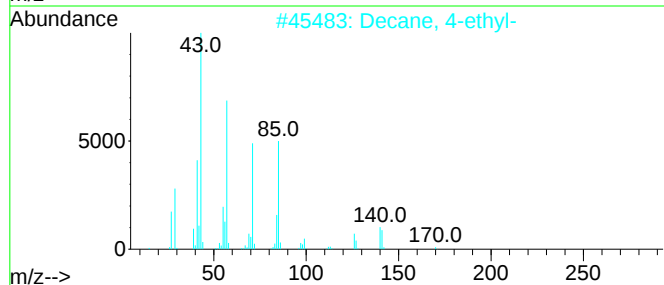
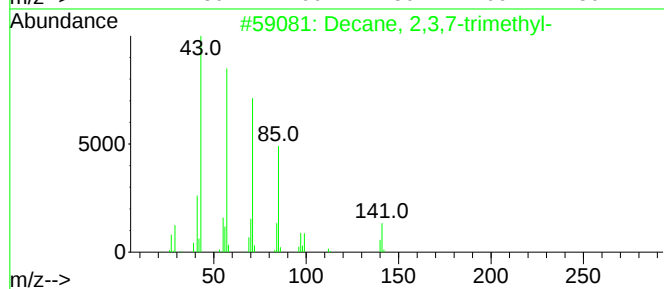
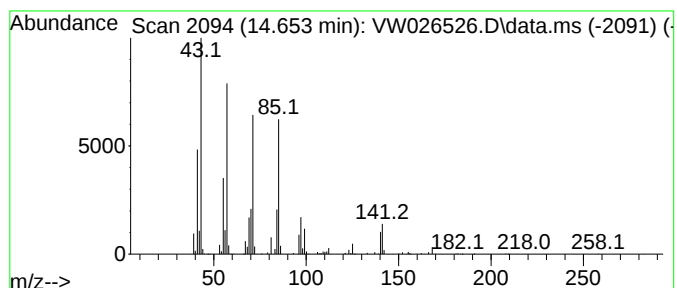
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	5.58 ug/L	401044	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	80
2			Decane, 4-ethyl-	170	C12H26	001636-44-8	74
3			Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	64
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	58
5			1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

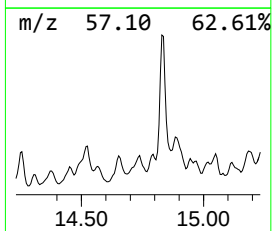
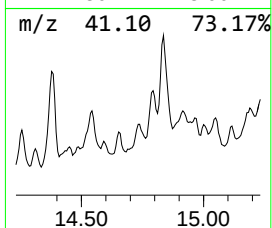
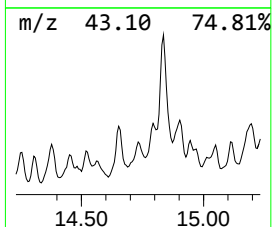
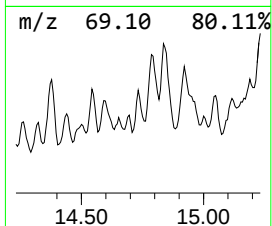
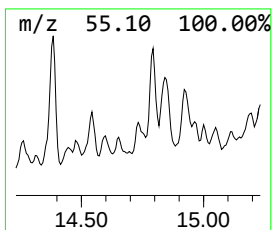
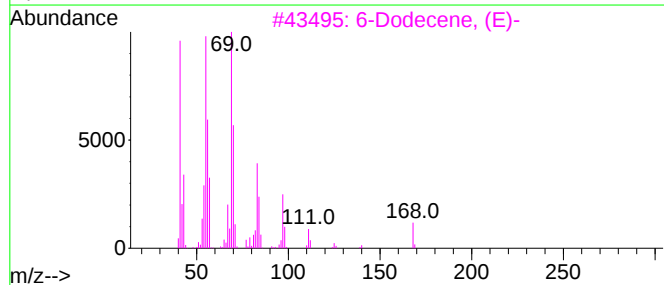
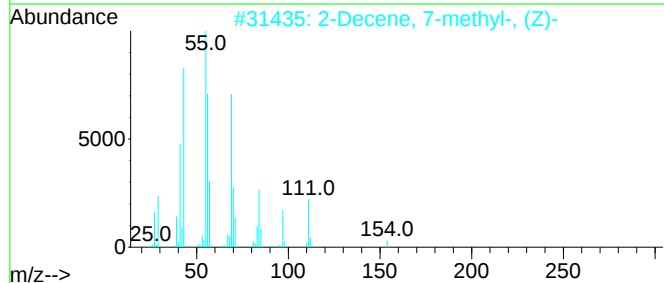
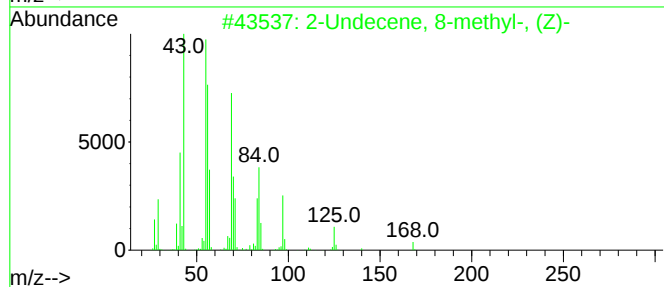
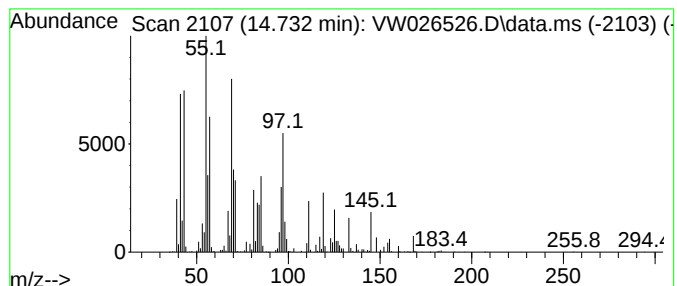
Instrument :
MSVOA_W
ClientSampleId :
A46W3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.732	11.89 ug/L	853940	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 8-methyl-, (Z)-	168	C12H24	074630-44-7	46
2	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	43
3	6-Dodecene, (E)-	168	C12H24	007206-17-9	43
4	2-Undecene, 6-methyl-, (E)-	168	C12H24	074630-61-8	43
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

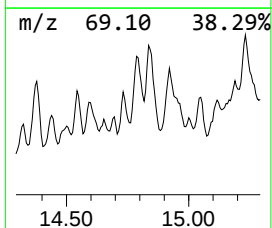
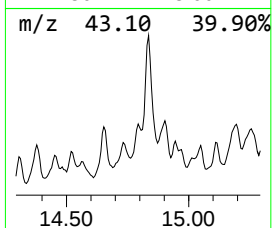
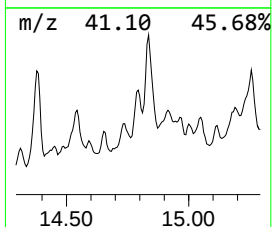
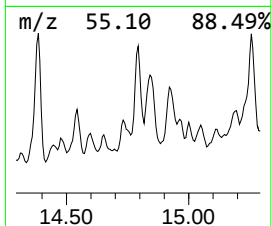
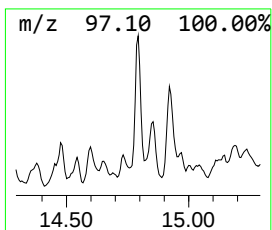
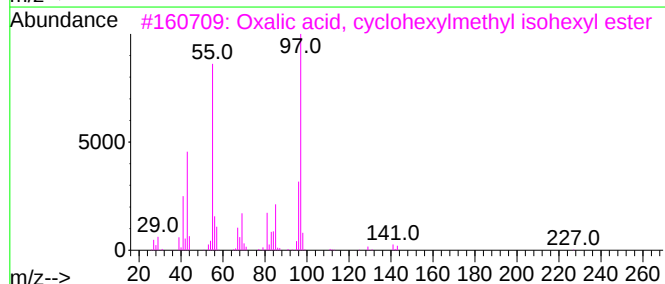
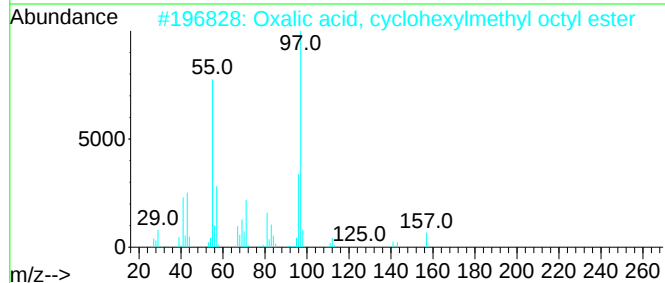
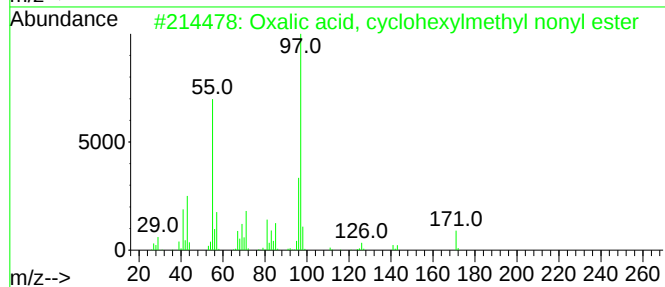
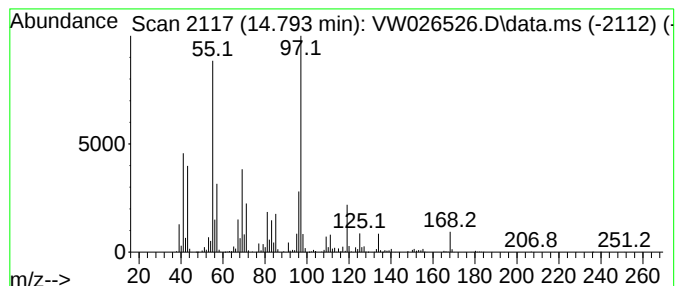
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 35 Oxalic acid, cyclohexylmeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	25.59 ug/L	1837540	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	64
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	64
3			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	52
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
5			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

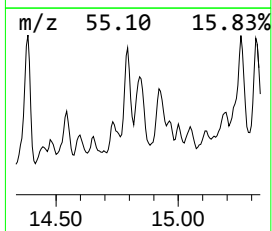
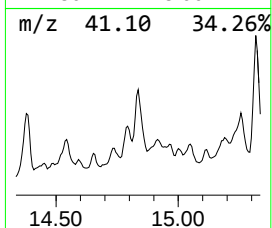
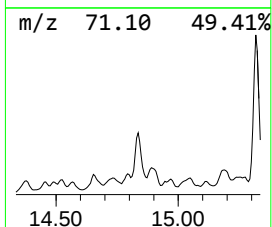
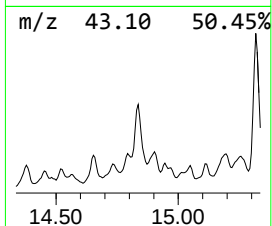
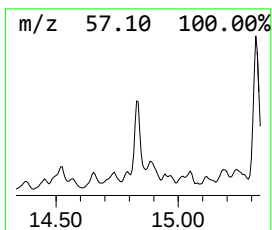
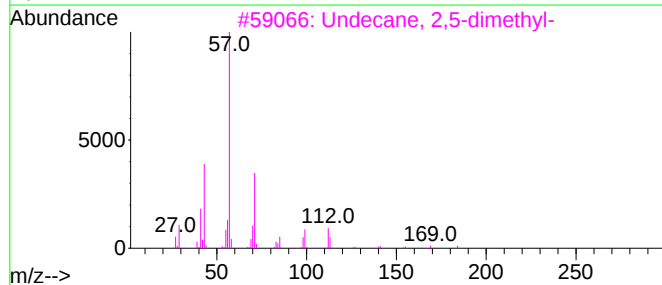
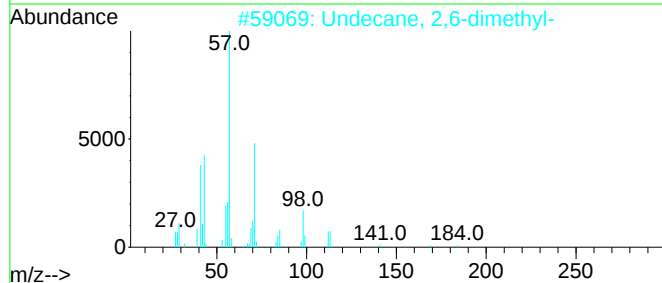
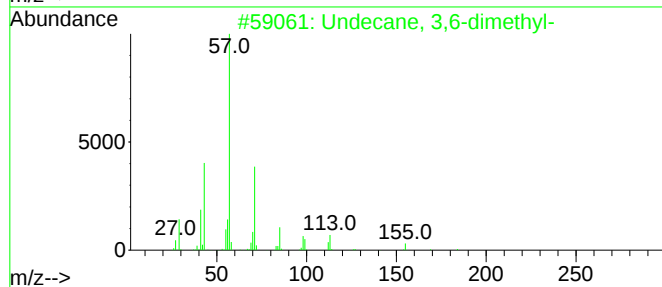
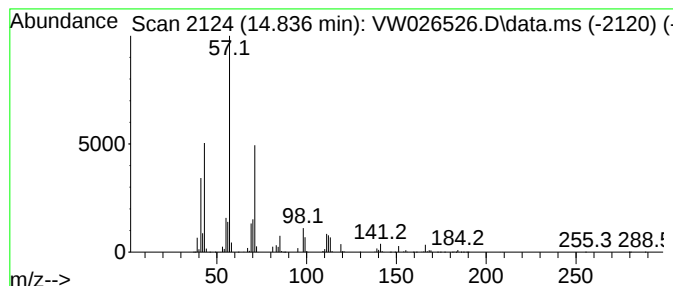
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	45.83 ug/L	3291250	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

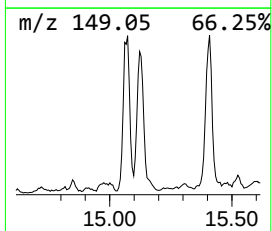
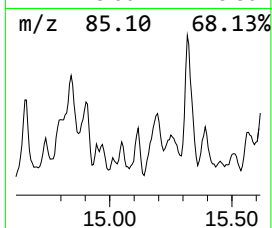
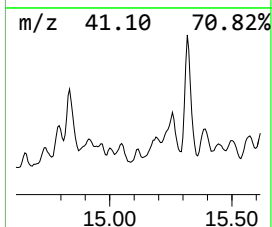
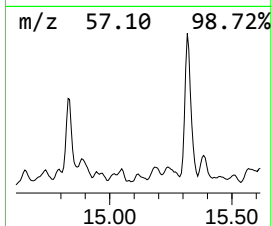
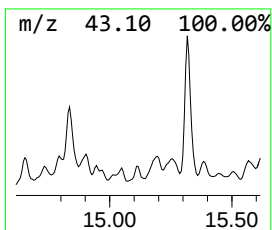
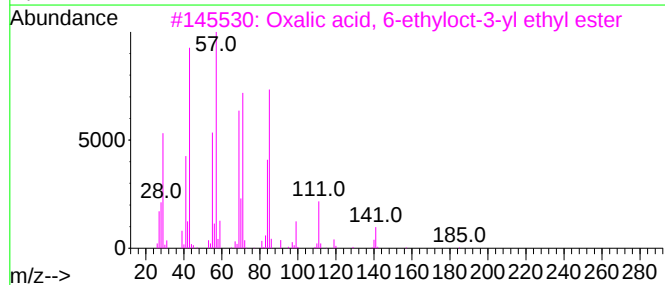
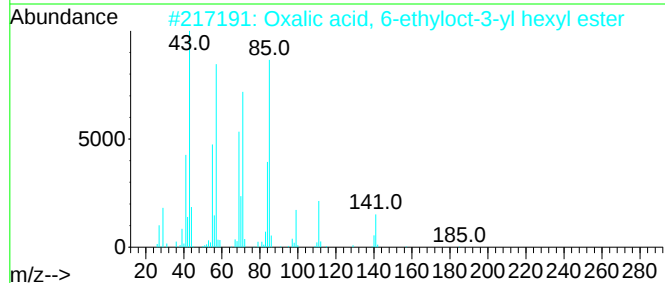
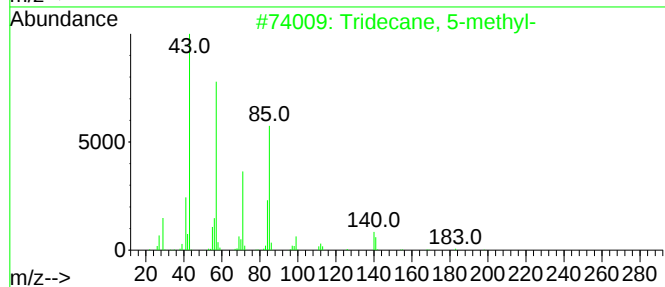
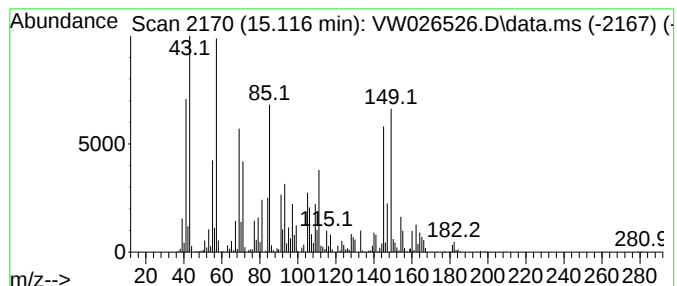
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	8.00 ug/L	574670	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-methyl-	198	C14H30	025117-31-1	38
2			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	30
3			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	27
4			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	27
5			2,4-Dimethyldodecane	198	C14H30	006117-99-3	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

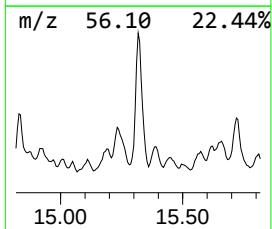
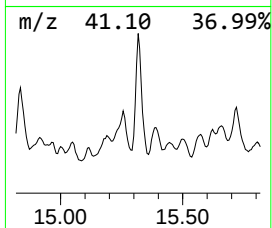
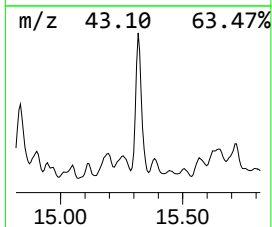
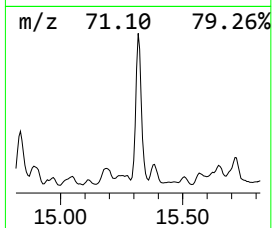
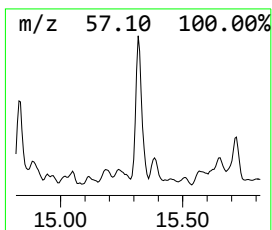
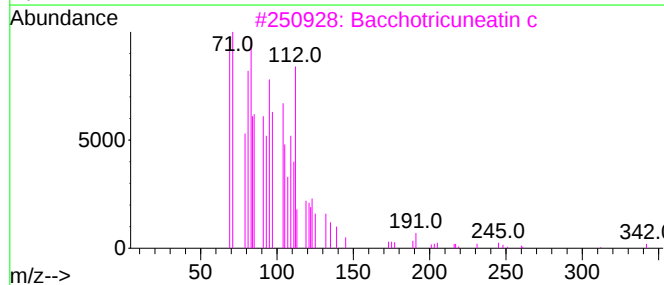
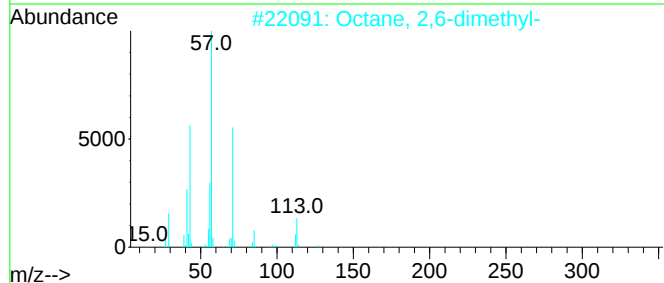
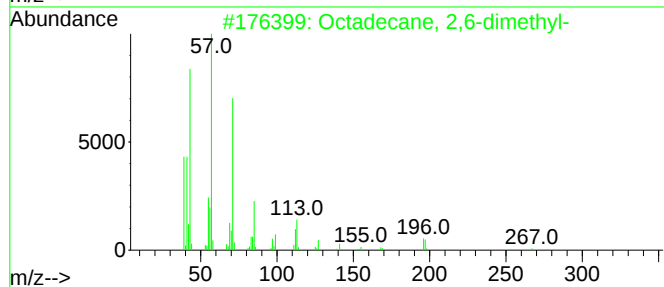
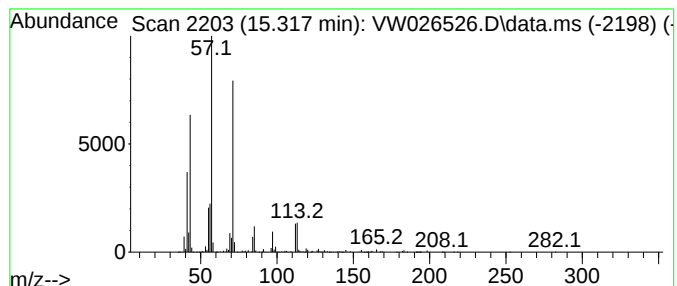
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	74.16 ug/L	5325790	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

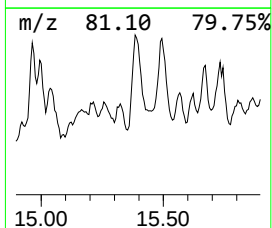
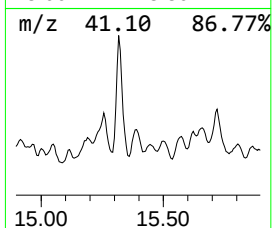
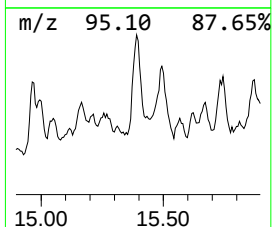
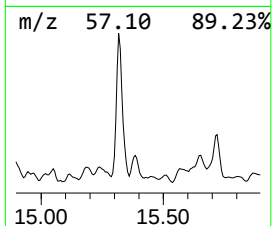
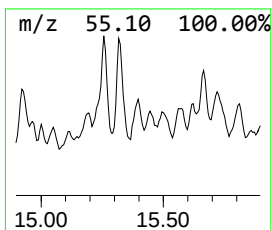
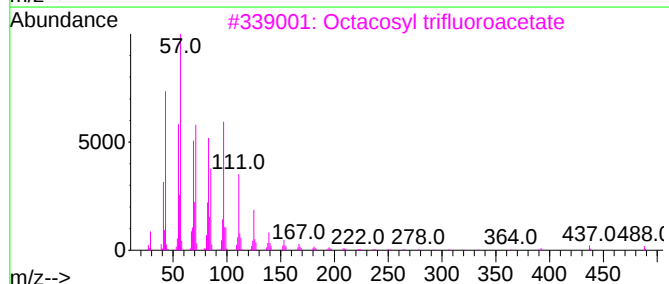
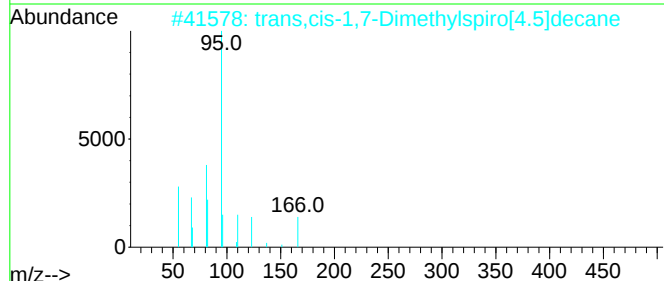
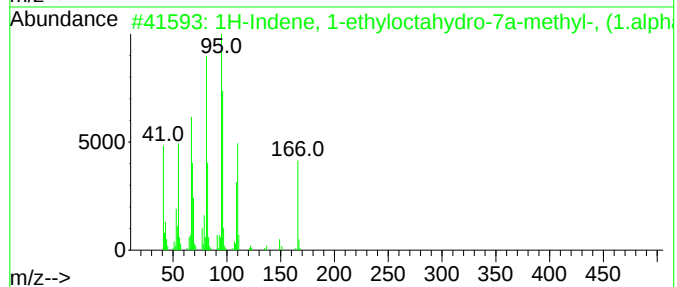
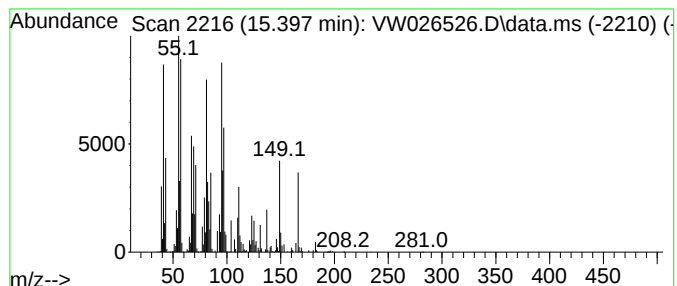
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 39 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	25.82 ug/L	1854360	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	45
2			trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1010111-72-7	35
3			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	30
4			Methyl santoninate	182	C11H18O2	053163-37-4	25
5			Butyl tetracosyl ether	410	C28H58O	1000406-40-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

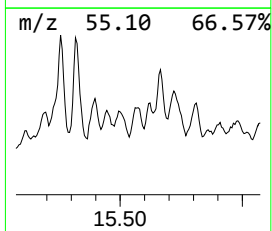
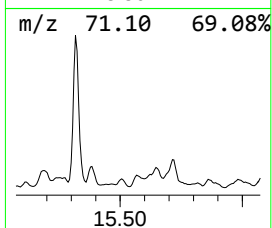
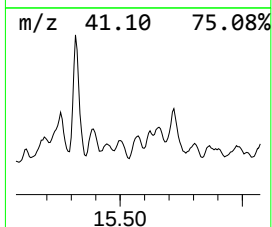
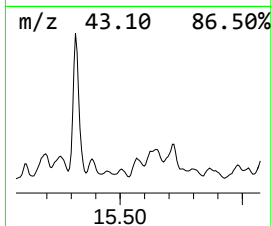
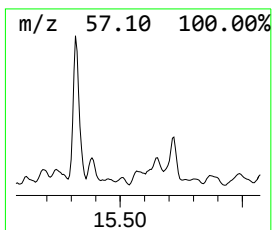
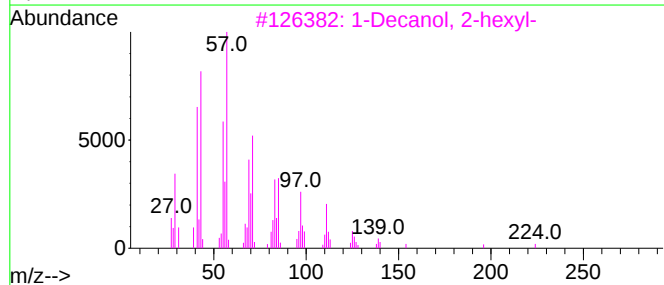
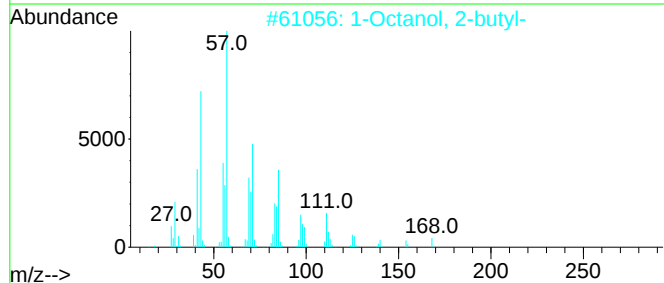
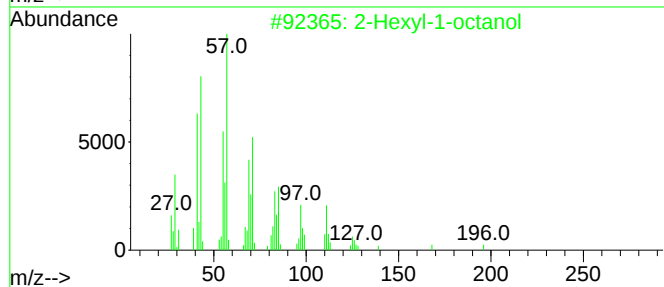
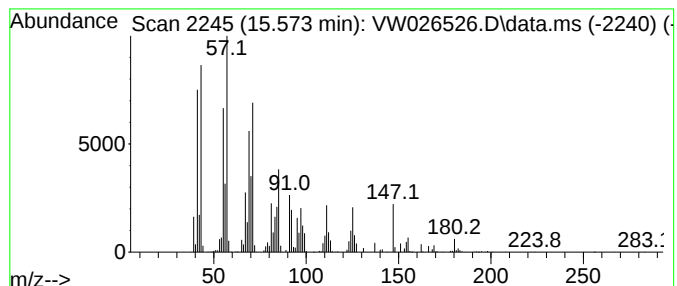
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 40 2-Hexyl-1-octanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.573	15.66 ug/L	1124560	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	62
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	58
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	53
4			2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	49
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

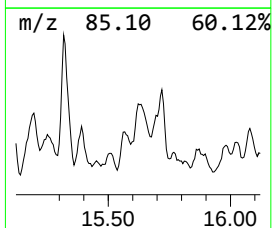
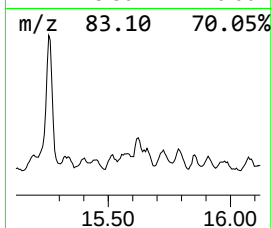
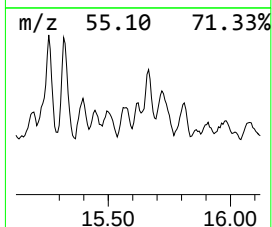
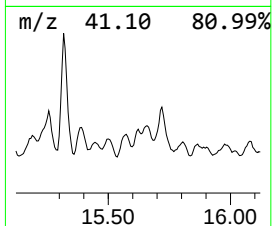
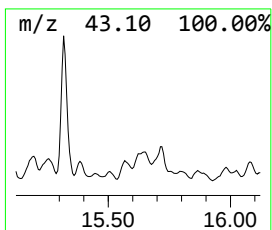
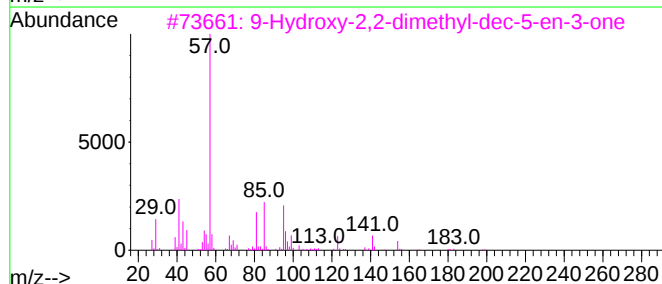
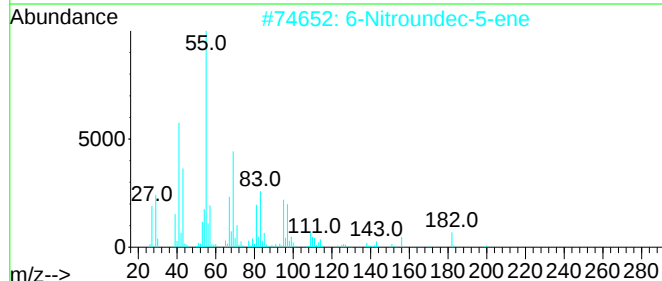
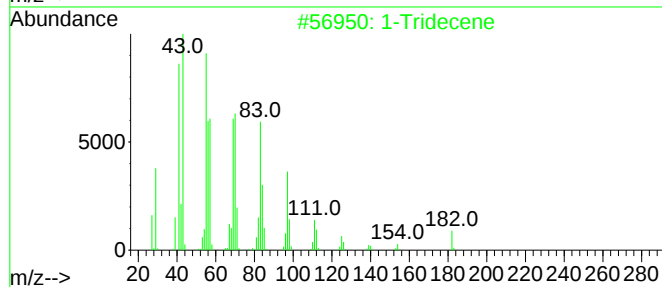
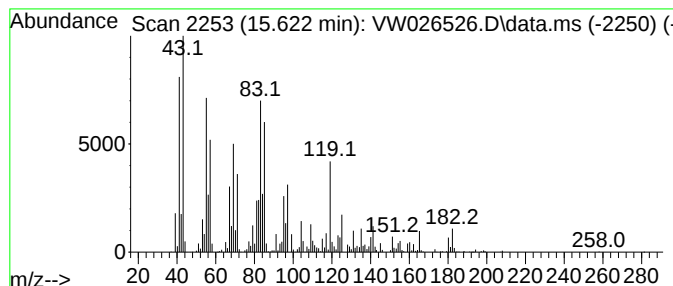
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	9.56 ug/L	686512	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tridecene	182	C13H26	002437-56-1	30
2			6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	30
3			9-Hydroxy-2,2-dimethyl-dec-5-en-...	198	C12H22O2	1010193-59-8	25
4			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	20
5			1-Hydroxymethyl-7,7-dimethyl-bic...	182	C10H14O3	1000210-65-7	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

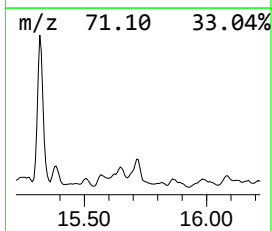
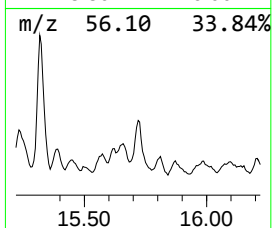
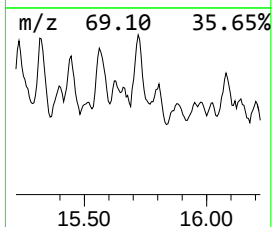
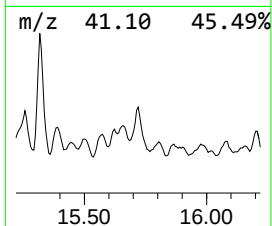
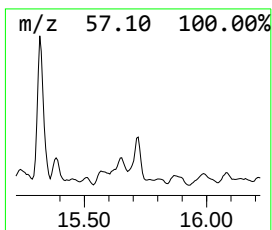
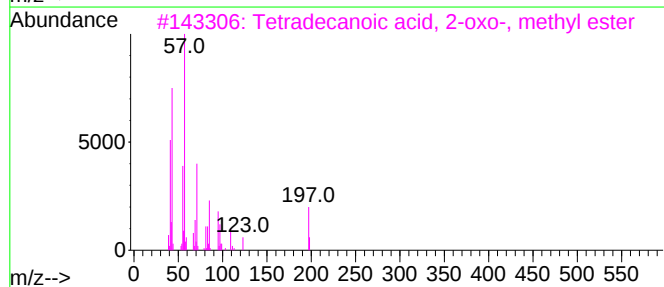
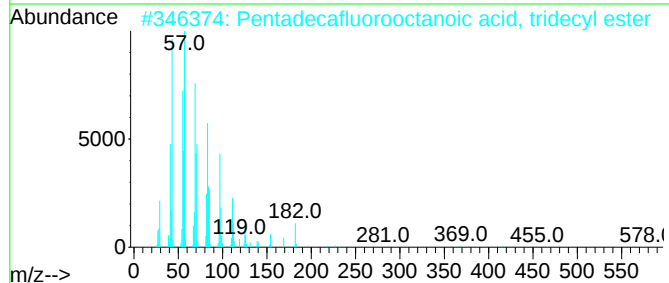
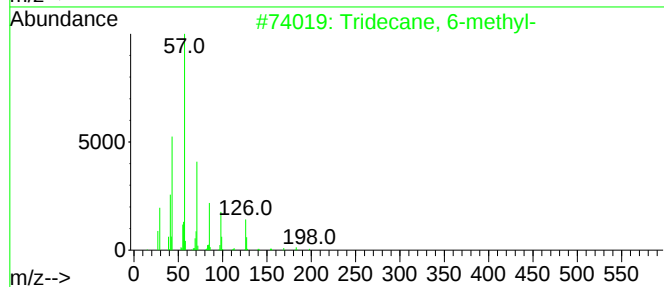
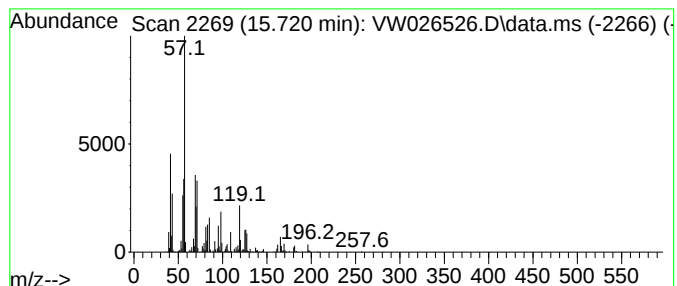
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	27.28 ug/L	1959190	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	42
2			Pentadecafluorooctanoic acid, tr...	596	C21H27F15O2	1000406-04-3	32
3			Tetradecanoic acid, 2-oxo-, meth...	256	C15H28O3	055682-82-1	27
4			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	27
5			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

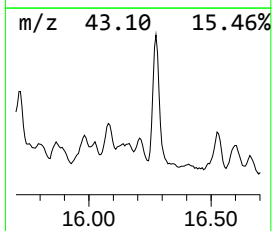
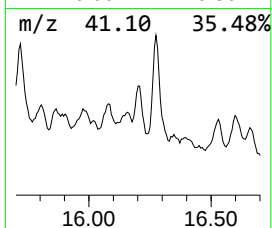
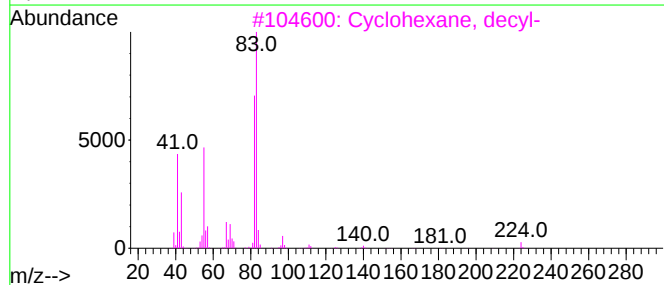
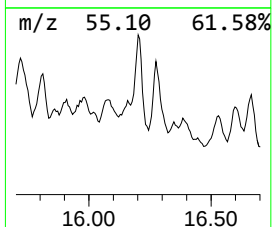
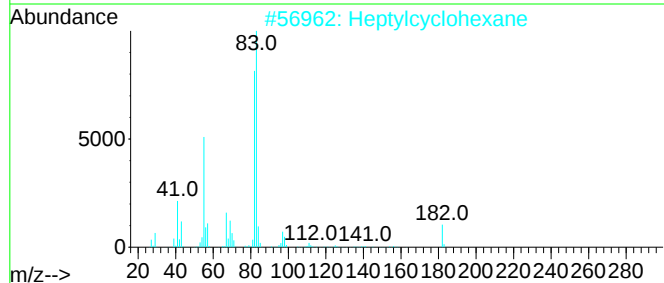
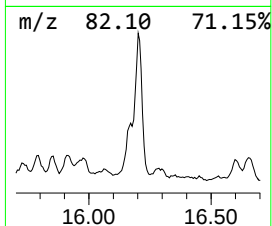
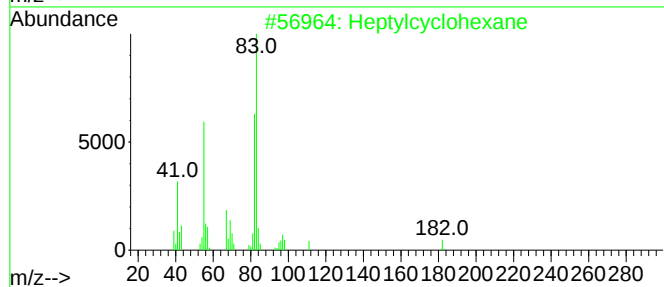
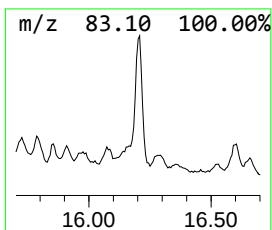
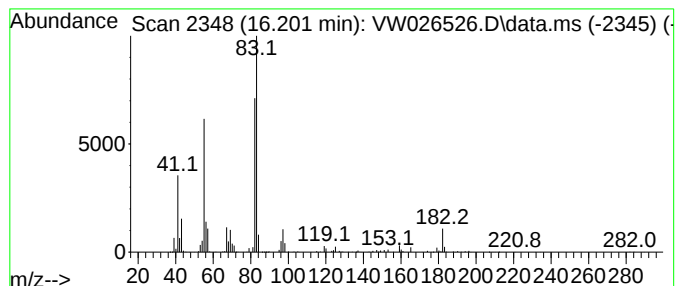
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Cyclic16.201 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.201	14.88 ug/L	1068650	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	91
2			Heptylcyclohexane	182	C13H26	005617-41-4	90
3			Cyclohexane, decyl-	224	C16H32	001795-16-0	86
4			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	78
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026526.D
Acq On : 05 Jul 2023 12:30
Operator : SY/MD
Sample : 03504-06
Misc : 4.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W3

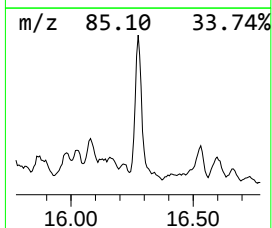
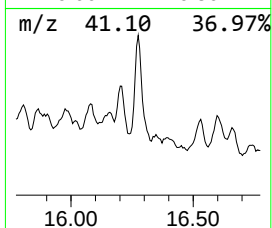
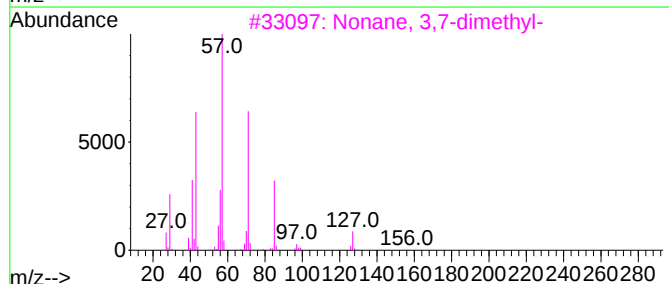
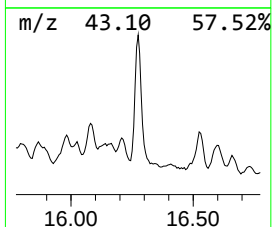
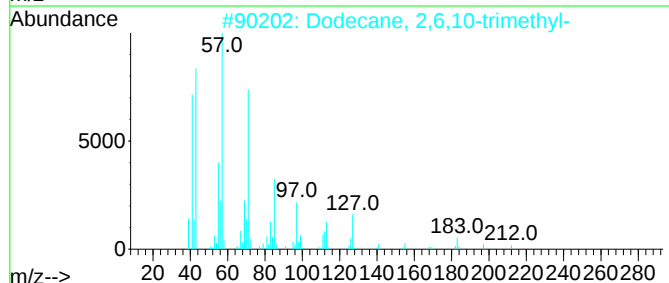
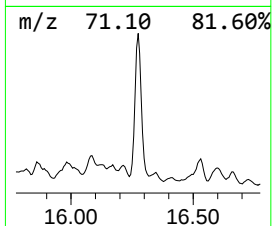
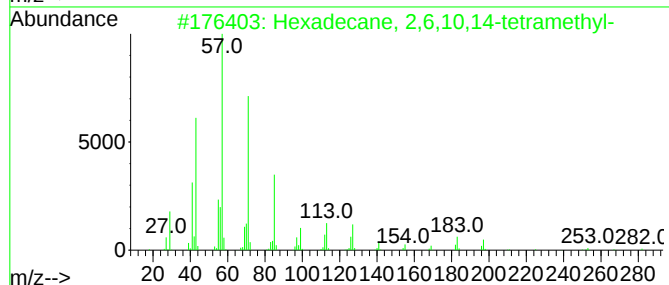
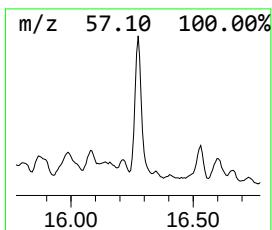
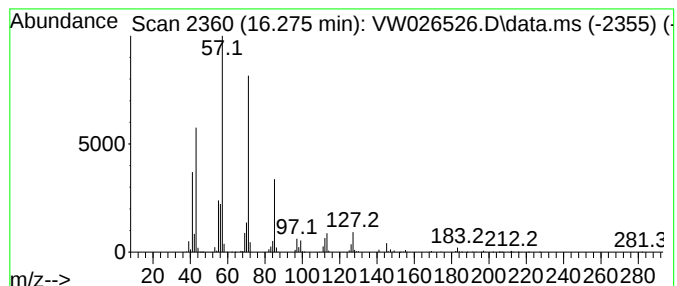
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	43.28 ug/L	3108580	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, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026526.D
 Acq On : 05 Jul 2023 12:30
 Operator : SY/MD
 Sample : 03504-06
 Misc : 4.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.002	1.3	ug/L	123782	1	8.843	2369560	25.0
(DEL) Alkane: S...	10.093	1.3	ug/L	120775	1	8.843	2369560	25.0
(DEL) Alkane: C...	11.227	1.4	ug/L	134919	2	11.629	2460420	25.0
(DEL) Alkane: S...	11.507	1.3	ug/L	128594	2	11.629	2460420	25.0
(DEL) Alkane: S...	12.135	4.5	ug/L	439723	2	11.629	2460420	25.0
(DEL) Alkane: S...	12.251	4.2	ug/L	417350	2	11.629	2460420	25.0
(DEL) Alkane: S...	12.361	11.2	ug/L	1100980	2	11.629	2460420	25.0
(DEL) Alkane: S...	12.501	6.3	ug/L	621738	2	11.629	2460420	25.0
(DEL) Alkane: C...	12.617	3.0	ug/L	219060	3	13.556	1795460	25.0
(DEL) Alkane: C...	12.775	7.4	ug/L	531575	3	13.556	1795460	25.0
(DEL) Alkane: C...	12.854	5.1	ug/L	364208	3	13.556	1795460	25.0
Ethanone, 1-(1-...	12.934	16.0	ug/L	1152210	3	13.556	1795460	25.0
Oxalic acid, cy...	12.989	4.5	ug/L	323404	3	13.556	1795460	25.0
(DEL) Alkane: S...	13.074	5.2	ug/L	373806	3	13.556	1795460	25.0
(DEL) Alkane: S...	13.123	5.3	ug/L	383318	3	13.556	1795460	25.0
Carbonic acid, ...	13.165	4.7	ug/L	336872	3	13.556	1795460	25.0
(DEL) Alkane: S...	13.287	9.8	ug/L	707292	3	13.556	1795460	25.0
(DEL) Alkane: S...	13.342	7.1	ug/L	508516	3	13.556	1795460	25.0
unknown-01	13.379	3.6	ug/L	257338	3	13.556	1795460	25.0
(DEL) Alkane: C...	13.446	16.6	ug/L	1190590	3	13.556	1795460	25.0
unknown-02	13.482	5.8	ug/L	413596	3	13.556	1795460	25.0
(DEL) Alkane: C...	13.696	12.1	ug/L	865538	3	13.556	1795460	25.0
Benzene, 1,4-di...	13.793	19.4	ug/L	1393680	3	13.556	1795460	25.0
(DEL) Alkane: C...	13.976	8.8	ug/L	634534	3	13.556	1795460	25.0
(DEL) Alkane: S...	14.013	4.1	ug/L	293293	3	13.556	1795460	25.0
(DEL) Alkane: S...	14.190	11.0	ug/L	792903	3	13.556	1795460	25.0
Hexadecane, 1-c...	14.257	14.0	ug/L	1006880	3	13.556	1795460	25.0
(DEL) Alkane: S...	14.312	6.0	ug/L	429809	3	13.556	1795460	25.0
Naphthalene, de...	14.379	46.0	ug/L	3301970	3	13.556	1795460	25.0
unknown-03	14.488	3.5	ug/L	255139	3	13.556	1795460	25.0
1-Methyldecahyd...	14.543	23.3	ug/L	1675250	3	13.556	1795460	25.0
(DEL) Alkane: S...	14.653	5.6	ug/L	401044	3	13.556	1795460	25.0
(DEL) Alkane: S...	14.732	11.9	ug/L	853940	3	13.556	1795460	25.0
Oxalic acid, cy...	14.793	25.6	ug/L	1837540	3	13.556	1795460	25.0
(DEL) Alkane: S...	14.836	45.8	ug/L	3291250	3	13.556	1795460	25.0
(DEL) Alkane: S...	15.116	8.0	ug/L	574670	3	13.556	1795460	25.0
(DEL) Alkane: S...	15.317	74.2	ug/L	5325790	3	13.556	1795460	25.0
unknown-04	15.397	25.8	ug/L	1854360	3	13.556	1795460	25.0
2-Hexyl-1-octanol	15.573	15.7	ug/L	1124560	3	13.556	1795460	25.0
(DEL) Alkane: S...	15.622	9.6	ug/L	686512	3	13.556	1795460	25.0
(DEL) Alkane: S...	15.720	27.3	ug/L	1959190	3	13.556	1795460	25.0
(DEL) Alkane: C...	16.201	14.9	ug/L	1068650	3	13.556	1795460	25.0
(DEL) Alkane: S...	16.275	43.3	ug/L	3108580	3	13.556	1795460	25.0