

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025840.D
 Acq On : 04 May 2023 12:57
 Operator : SY/MD
 Sample : 02574-11
 Misc : 3.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCS6

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW025840.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	71	78	91	rBV	138843	332797	12.47%	1.051%
2	2.893	158	165	181	rBV	106915	312083	11.69%	0.986%
3	3.253	222	224	226	rBV3	1690	1878	0.07%	0.006%
4	3.411	246	250	253	rVB6	2333	2824	0.11%	0.009%
5	3.436	253	254	259	rBV5	1955	2751	0.10%	0.009%
6	3.795	310	313	317	rVB6	2376	2577	0.10%	0.008%
7	3.862	321	324	327	rVB4	1820	1869	0.07%	0.006%
8	4.021	338	350	367	rBV2	266732	884661	33.14%	2.794%
9	4.259	387	389	391	rVB3	2878	2617	0.10%	0.008%
10	4.606	444	446	450	rBV5	2058	3138	0.12%	0.010%
11	4.685	457	459	461	rVV3	2151	2069	0.08%	0.007%
12	4.771	470	473	475	rVB3	1619	1885	0.07%	0.006%
13	4.923	489	498	511	rVV4	24421	86618	3.25%	0.274%
14	5.100	525	527	529	rVB3	2230	1865	0.07%	0.006%
15	5.454	583	585	589	rBV5	1350	2226	0.08%	0.007%
16	5.667	616	620	623	rVB6	1714	1994	0.07%	0.006%
17	5.740	629	632	634	rBV4	1978	2459	0.09%	0.008%
18	5.941	658	665	674	rBV6	9426	27181	1.02%	0.086%
19	6.149	695	699	700	rVV4	2444	2796	0.10%	0.009%
20	6.185	703	705	707	rVV3	1896	2293	0.09%	0.007%
21	6.216	708	710	712	rVV3	2768	2504	0.09%	0.008%
22	6.283	719	721	725	rVB5	2395	2531	0.09%	0.008%
23	6.795	803	805	809	rVB5	2204	2265	0.08%	0.007%
24	6.850	812	814	816	rBV3	1737	1881	0.07%	0.006%
25	6.929	826	827	832	rVB5	2086	2457	0.09%	0.008%
26	7.075	841	851	864	rBV	75695	231203	8.66%	0.730%
27	7.539	924	927	929	rVB4	2839	2652	0.10%	0.008%
28	7.569	929	932	934	rBV4	1919	2350	0.09%	0.007%
29	7.648	935	945	958	rVB	445284	1097036	41.10%	3.465%
30	7.740	958	960	963	rBV4	1976	1938	0.07%	0.006%
31	7.941	992	993	995	rBV2	2352	1861	0.07%	0.006%
32	8.179	1028	1032	1033	rBV4	1935	1987	0.07%	0.006%
33	8.276	1038	1048	1065	rVV2	927502	2669185	100.00%	8.430%
34	8.612	1099	1103	1104	rBV4	2512	3199	0.12%	0.010%
35	8.843	1130	1141	1153	rBV	806338	1610118	60.32%	5.085%
36	9.069	1173	1178	1179	rBV5	3291	4499	0.17%	0.014%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025840.D
 Acq On : 04 May 2023 12:57
 Operator : SY/MD
 Sample : 02574-11
 Misc : 3.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCS6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	9.203	1198	1200	1201	rBV2	2336	1823	0.07%	0.006%
38	9.270	1203	1211	1227	rBV	631644	1293141	48.45%	4.084%
39	9.441	1235	1239	1245	rBV9	2151	5341	0.20%	0.017%
40	9.502	1245	1249	1255	rBV	16927	31327	1.17%	0.099%
41	9.666	1270	1276	1278	rBV7	3486	6231	0.23%	0.020%
42	9.807	1297	1299	1302	rBV4	1810	2059	0.08%	0.007%
43	9.898	1306	1314	1316	rBV9	5982	12381	0.46%	0.039%
44	10.032	1329	1336	1349	rVV	318568	580528	21.75%	1.834%
45	10.136	1352	1353	1358	rVB5	2322	3140	0.12%	0.010%
46	10.215	1362	1366	1367	rBV4	2497	2908	0.11%	0.009%
47	10.252	1368	1372	1374	rVB4	2995	3970	0.15%	0.013%
48	10.325	1376	1384	1392	rBV	1237710	2170044	81.30%	6.854%
49	10.428	1397	1401	1408	rVB4	19806	36058	1.35%	0.114%
50	10.508	1408	1414	1418	rBV6	8008	15173	0.57%	0.048%
51	10.575	1418	1425	1432	rBV	201703	356059	13.34%	1.125%
52	10.697	1440	1445	1453	rVB4	14486	30581	1.15%	0.097%
53	10.770	1455	1457	1463	rVB7	4861	7270	0.27%	0.023%
54	10.849	1466	1470	1475	rVB8	2288	4593	0.17%	0.015%
55	10.922	1475	1482	1496	rBV	267857	485081	18.17%	1.532%
56	11.282	1539	1541	1546	rVB6	2162	2911	0.11%	0.009%
57	11.343	1548	1551	1553	rBV4	1968	2594	0.10%	0.008%
58	11.507	1575	1578	1579	rBV3	1861	1960	0.07%	0.006%
59	11.629	1587	1598	1605	rBV	1126236	1909137	71.53%	6.030%
60	11.703	1605	1610	1619	rVB3	38877	87499	3.28%	0.276%
61	11.776	1619	1622	1625	rBV5	3872	5591	0.21%	0.018%
62	11.873	1634	1638	1644	rVB	29812	45609	1.71%	0.144%
63	11.959	1649	1652	1657	rBV7	3016	5415	0.20%	0.017%
64	12.020	1657	1662	1664	rBV6	7006	10250	0.38%	0.032%
65	12.093	1665	1674	1678	rBV2	62703	139896	5.24%	0.442%
66	12.239	1692	1698	1708	rVB	111540	183280	6.87%	0.579%
67	12.324	1708	1712	1715	rBV4	8621	14465	0.54%	0.046%
68	12.501	1736	1741	1744	rBV3	18570	29277	1.10%	0.092%
69	12.587	1748	1755	1764	rBV	1655241	2564096	96.06%	8.098%
70	12.690	1764	1772	1777	rBV3	578337	1116311	41.82%	3.526%
71	12.751	1777	1782	1792	rVB	415134	977374	36.62%	3.087%
72	12.830	1792	1795	1797	rBV2	16065	20402	0.76%	0.064%
73	12.958	1806	1816	1821	rBV2	274570	613407	22.98%	1.937%
74	13.007	1821	1824	1832	rVB2	85974	147188	5.51%	0.465%
75	13.123	1832	1843	1845	rBV3	74788	188291	7.05%	0.595%
76	13.190	1845	1854	1865	rVB	1025920	1940289	72.69%	6.128%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025840.D
 Acq On : 04 May 2023 12:57
 Operator : SY/MD
 Sample : 02574-11
 Misc : 3.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCS6

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

77	13.294	1866	1871	1878	rBV	326252	512536	19.20%	1.619%
78	13.403	1879	1889	1895	rBV	1179712	2057005	77.06%	6.497%
79	13.470	1897	1900	1903	rVV2	68895	102595	3.84%	0.324%
80	13.513	1903	1907	1909	rVV2	141599	219894	8.24%	0.695%
81	13.556	1909	1914	1917	rVV	1206830	1963913	73.58%	6.203%
82	13.599	1917	1921	1931	rVB	882171	1871516	70.12%	5.911%
83	13.763	1941	1948	1955	rBV	286882	509720	19.10%	1.610%
84	13.848	1955	1962	1968	rBV	999944	1731848	64.88%	5.470%
85	14.062	1992	1997	2002	rBV2	72495	126671	4.75%	0.400%
86	14.318	2037	2039	2044	rVB5	10646	13531	0.51%	0.043%
87	14.373	2046	2048	2049	rBV2	3622	3466	0.13%	0.011%
88	14.489	2063	2067	2070	rBV4	10949	19672	0.74%	0.062%
89	15.031	2154	2156	2158	rBV3	1752	2313	0.09%	0.007%
90	15.074	2161	2163	2166	rVV4	2354	2279	0.09%	0.007%
91	15.117	2168	2170	2177	rVB8	4026	6079	0.23%	0.019%
92	15.427	2207	2221	2225	rVV2	43193	85397	3.20%	0.270%
93	15.482	2225	2230	2235	rVB	19596	36071	1.35%	0.114%
94	15.592	2245	2248	2250	rVB4	2400	2329	0.09%	0.007%
95	15.757	2271	2275	2276	rBV4	2767	3124	0.12%	0.010%
96	15.793	2276	2281	2285	rVV7	5797	10886	0.41%	0.034%
97	15.866	2291	2293	2298	rVB6	2957	4557	0.17%	0.014%
98	16.190	2343	2346	2347	rBV3	1767	2044	0.08%	0.006%
99	16.476	2391	2393	2397	rBV5	1992	2737	0.10%	0.009%
100	16.702	2429	2430	2434	rVB4	2113	2612	0.10%	0.008%

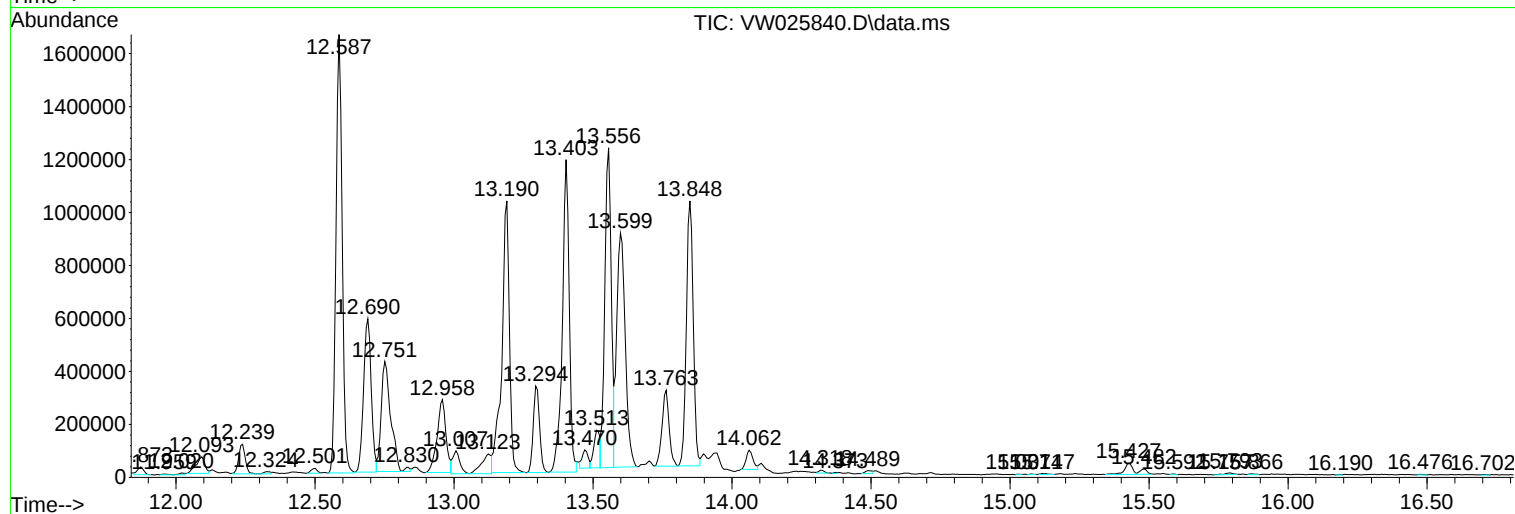
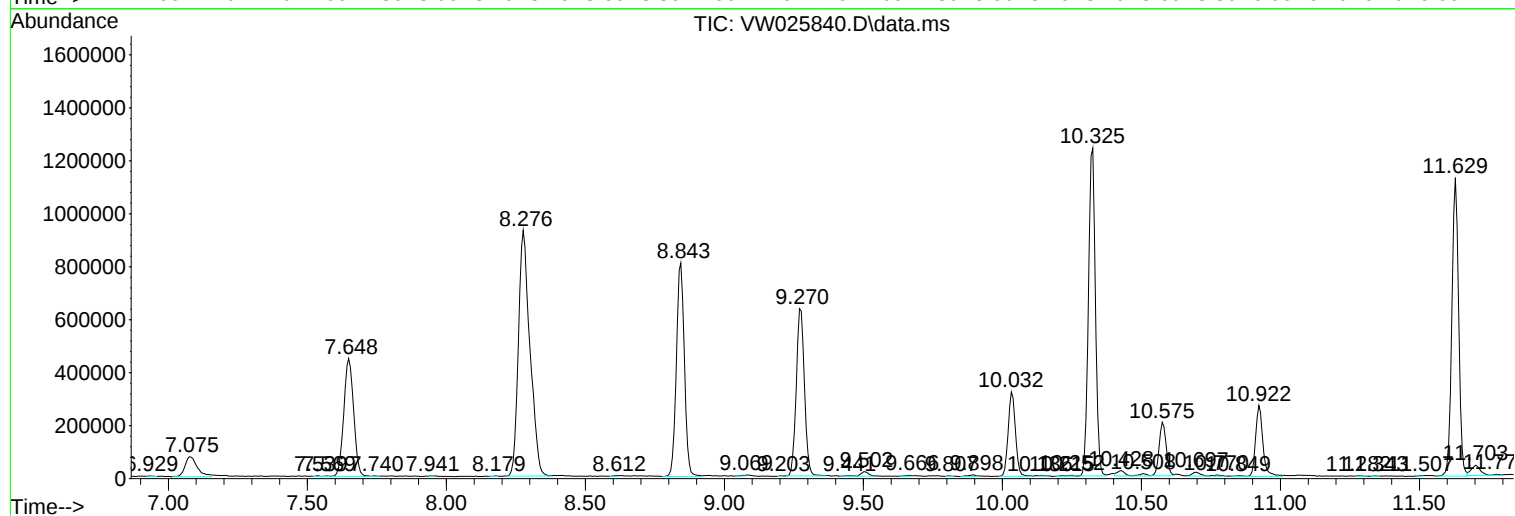
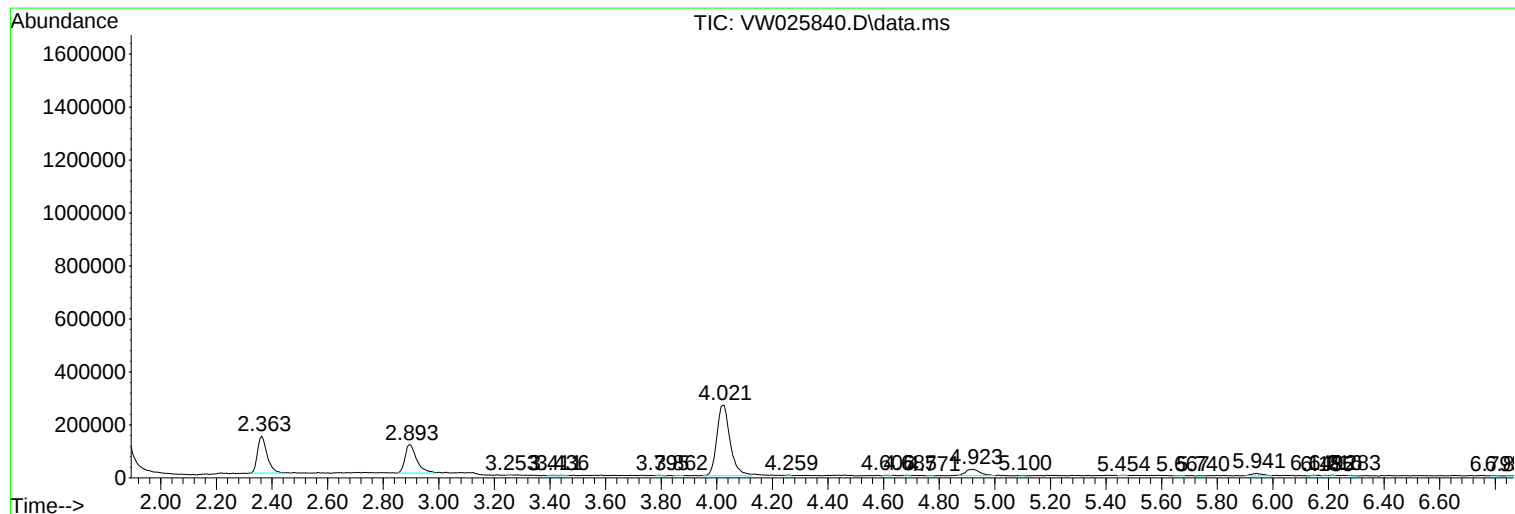
Sum of corrected areas: 31661992

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

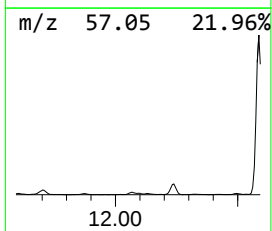
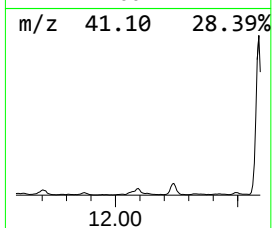
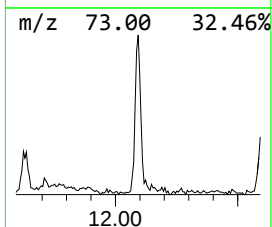
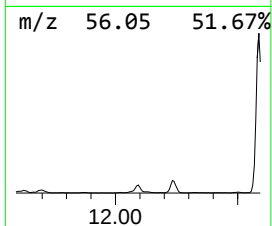
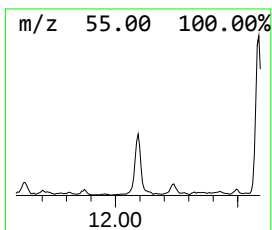
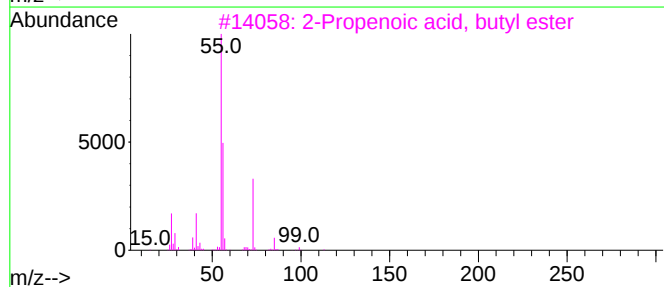
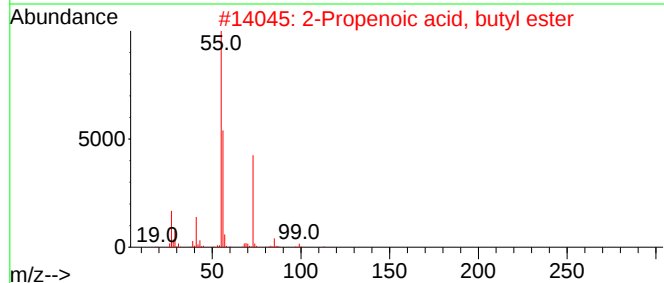
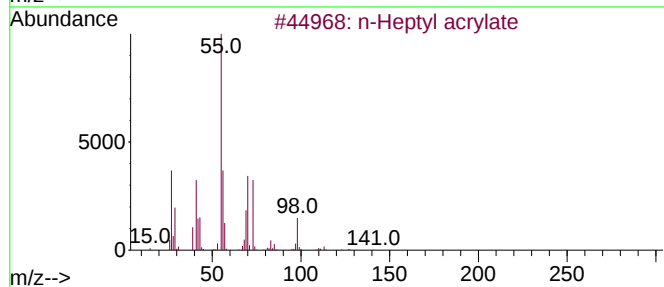
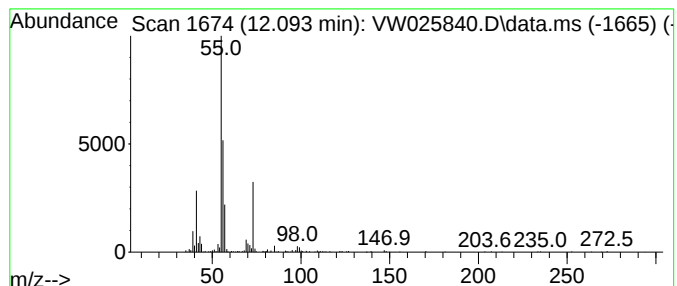
Instrument :
MSVOA_W
ClientSampleId :
DCCS6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.093	1.83 ug/L	139896	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptyl acrylate	170	C10H18O2	002499-58-3	39
2	2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	39
3	2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	39
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

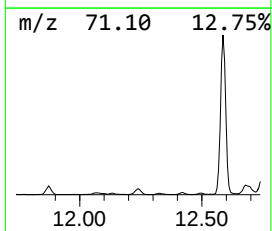
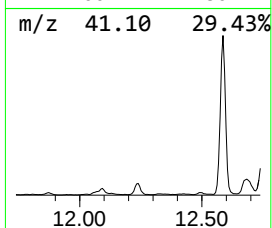
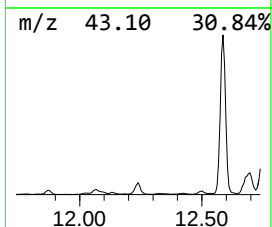
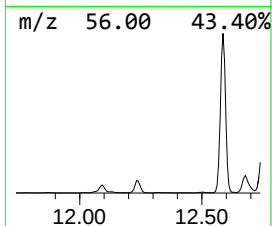
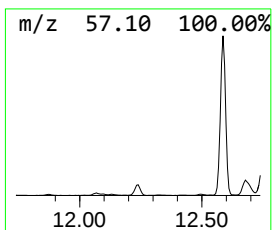
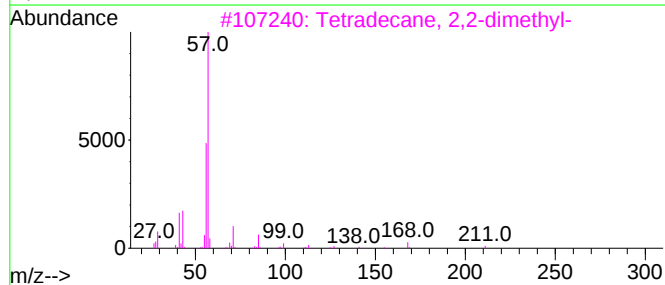
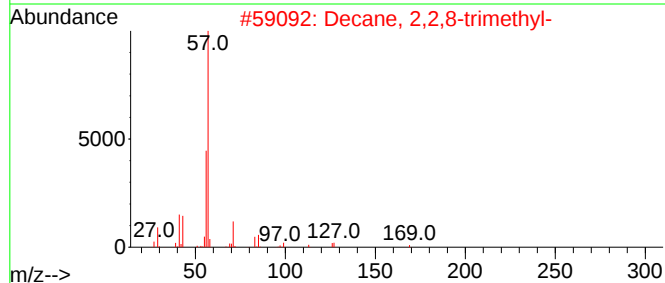
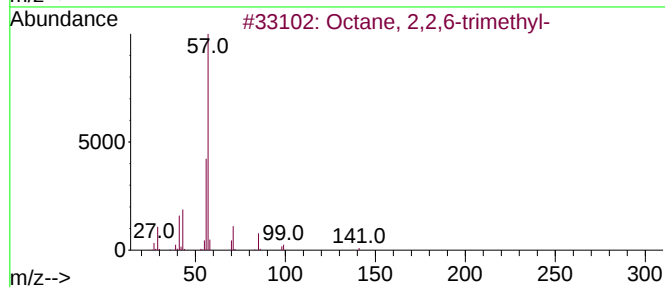
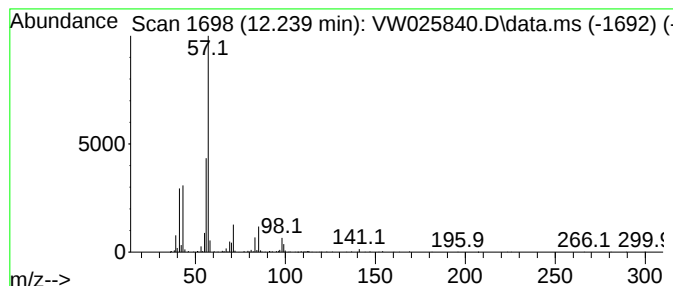
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	2.40 ug/L	183280	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	64
5			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

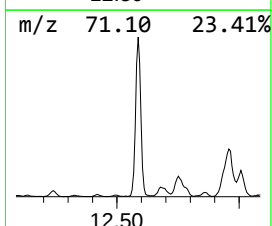
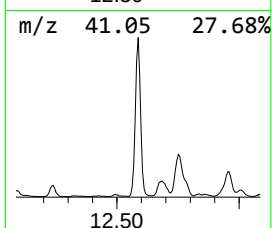
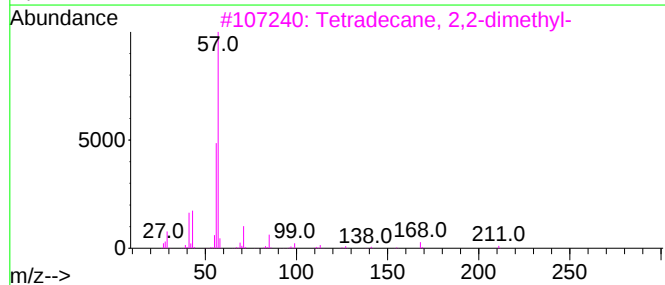
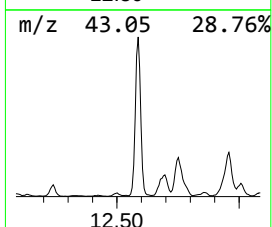
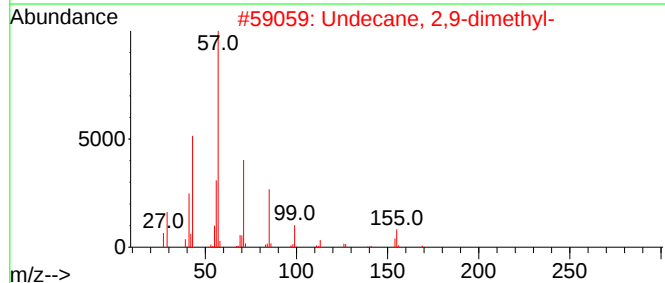
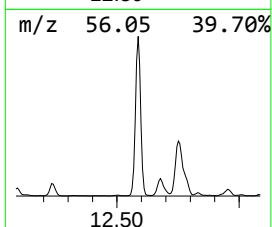
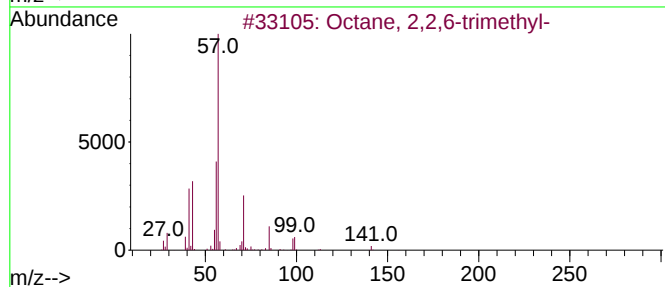
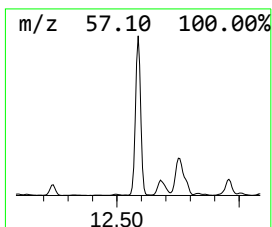
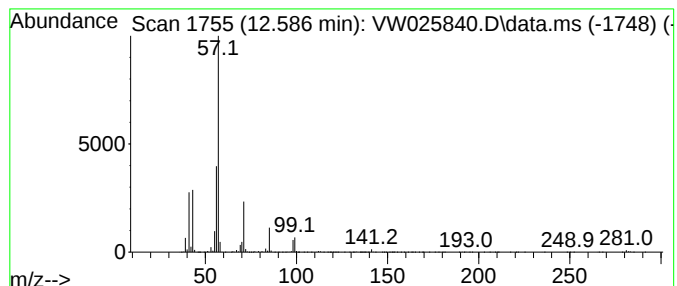
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	33.58 ug/L	2564100	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	83
2			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

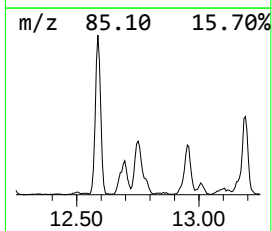
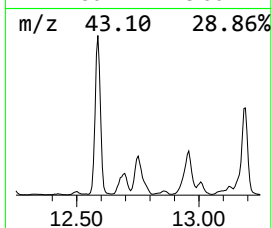
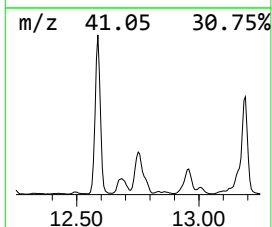
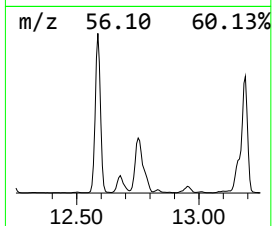
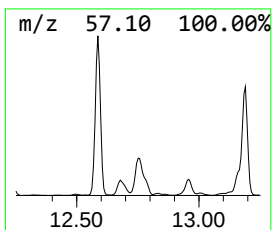
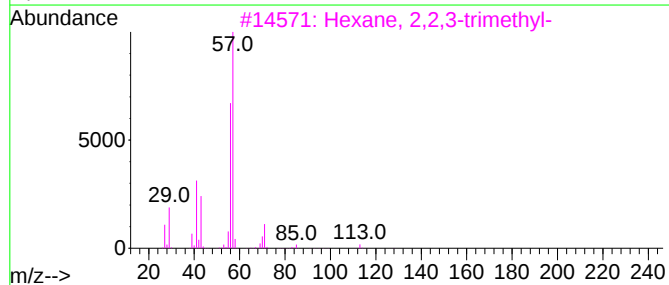
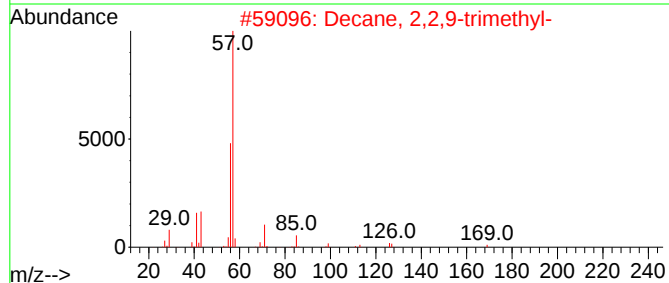
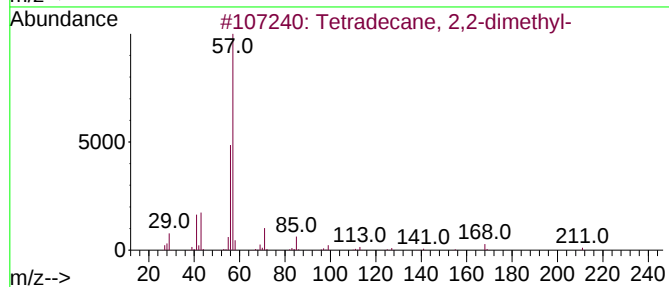
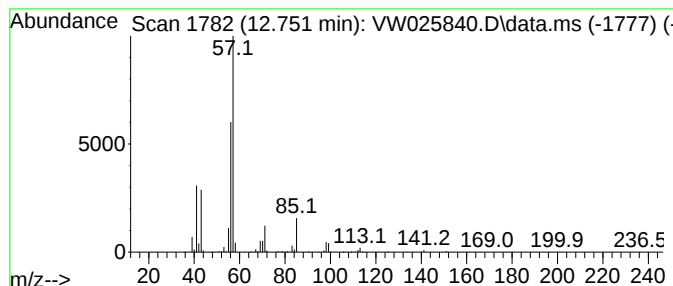
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	12.44 ug/L	977374	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
2			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
4			2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53
5			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

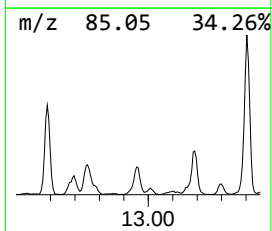
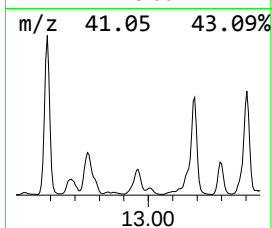
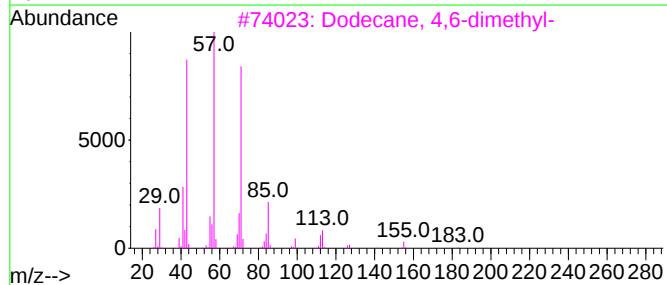
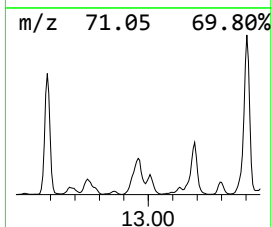
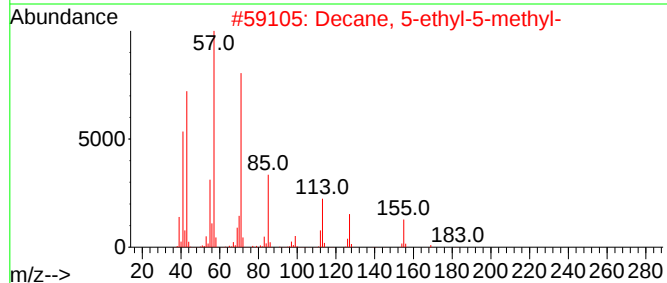
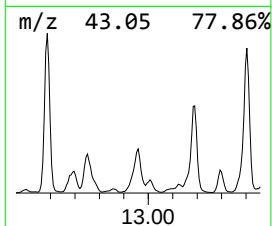
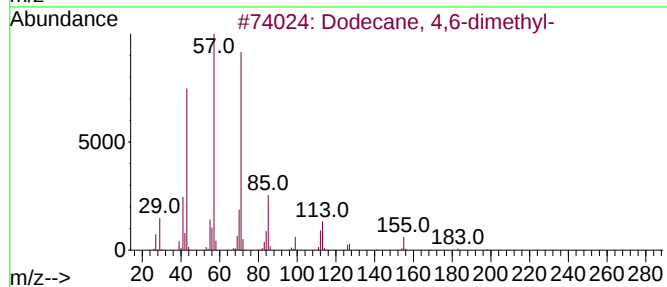
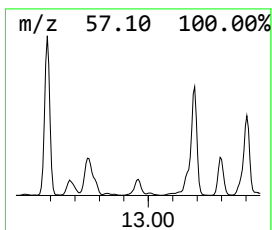
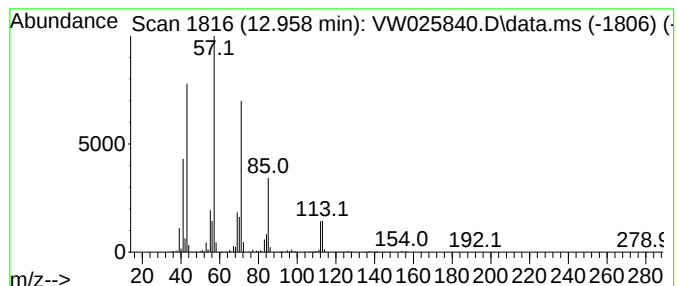
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.958	7.81 ug/L	613407	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
2		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4		Tridecane	184	C13H28	000629-50-5	59
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

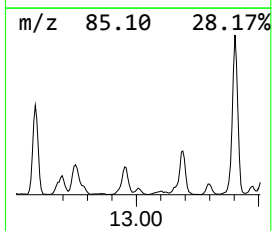
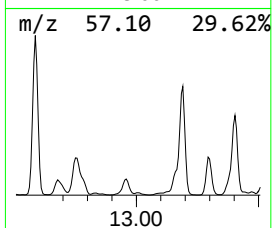
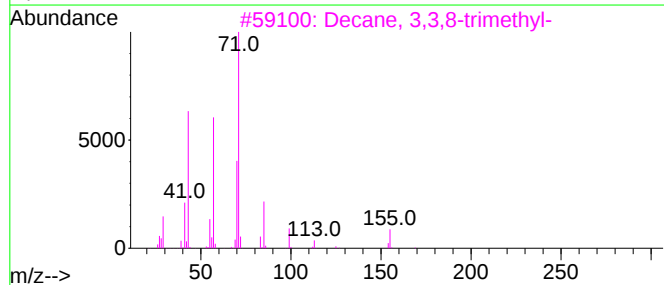
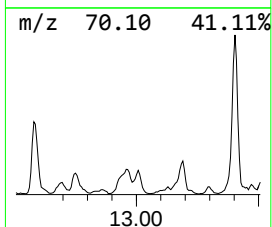
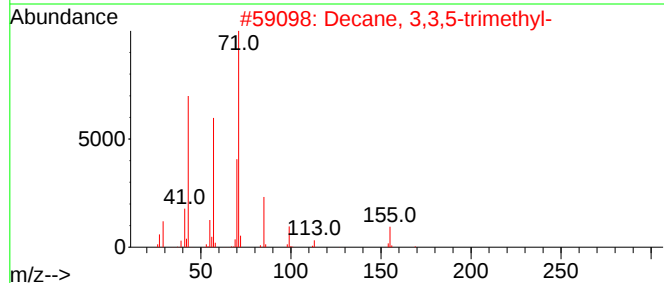
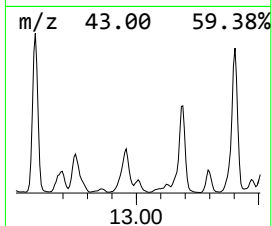
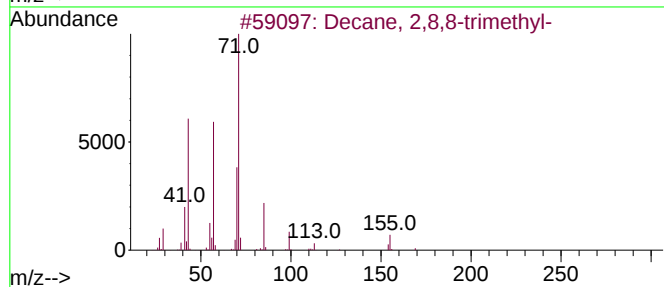
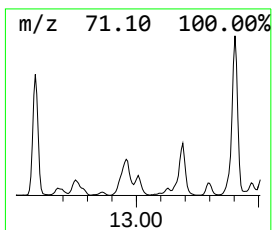
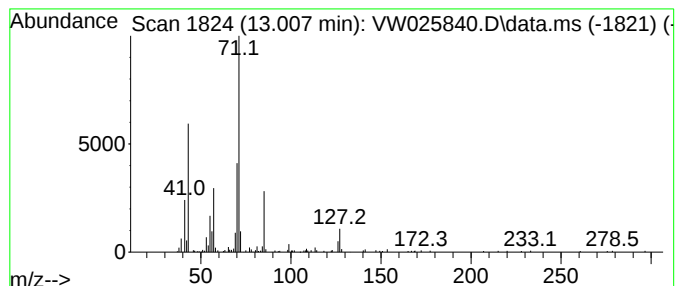
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.007	1.87 ug/L	147188	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	72
2			Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	72
3			Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	72
4			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
5			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

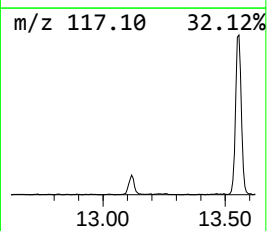
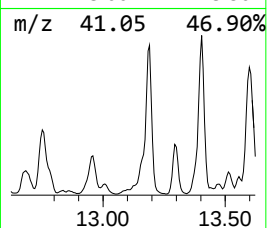
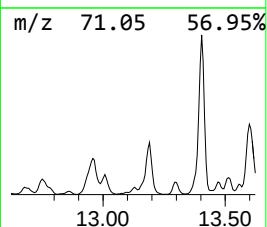
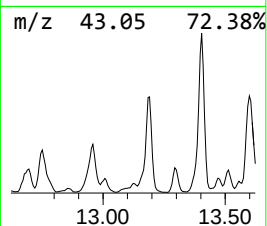
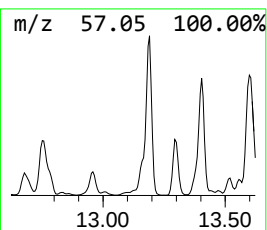
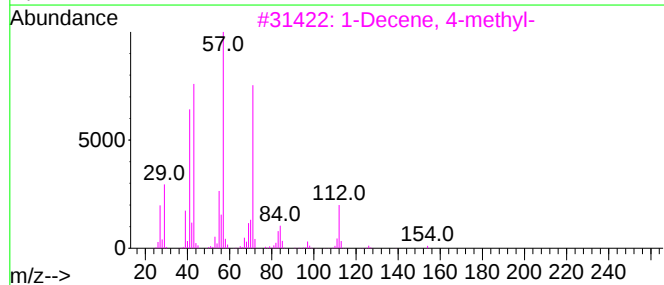
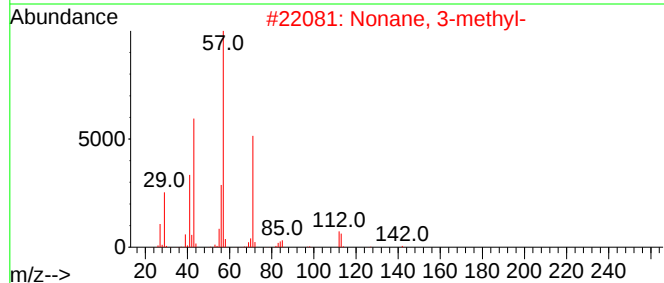
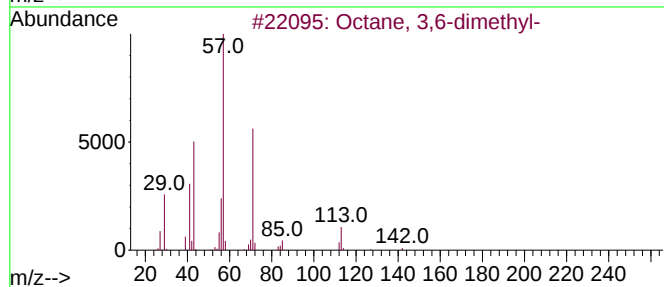
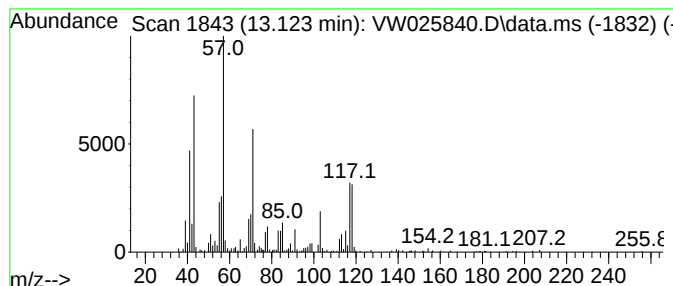
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	2.40 ug/L	188291	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	43
2	Nonane, 3-methyl-			142	C10H22	005911-04-6	43
3	1-Decene, 4-methyl-			154	C11H22	013151-29-6	43
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	38
5	Oxalic acid, octyl propyl ester			244	C13H24O4	1010309-26-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

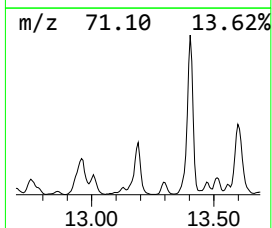
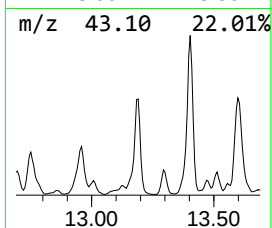
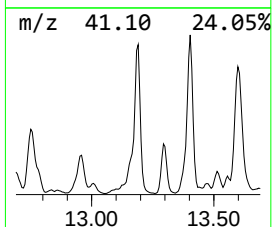
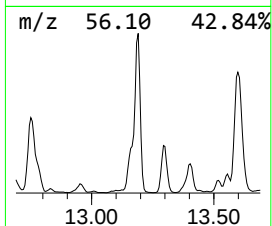
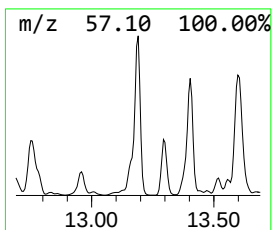
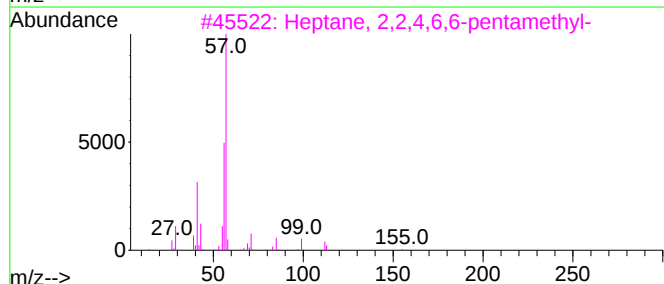
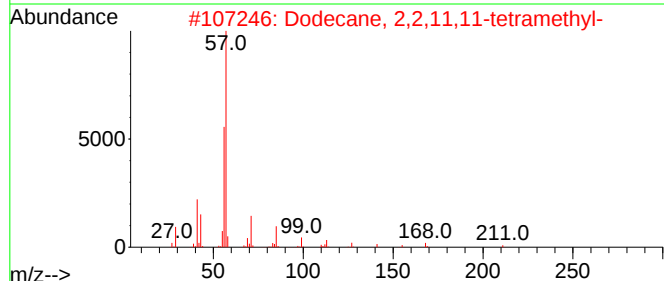
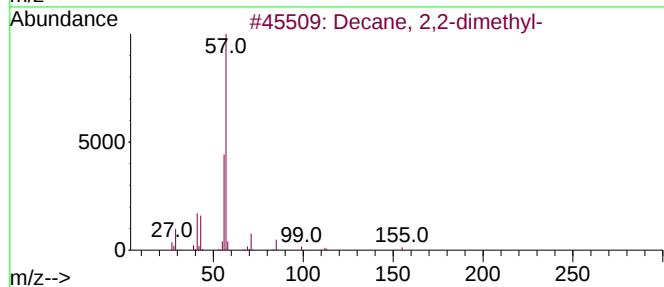
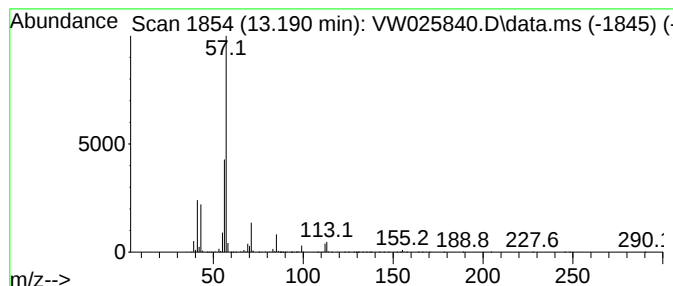
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	24.70 ug/L	1940290	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	78
3		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
4		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	72
5		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

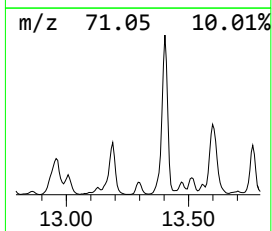
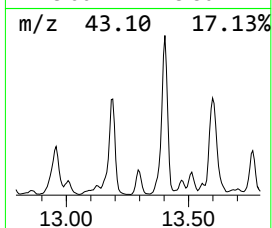
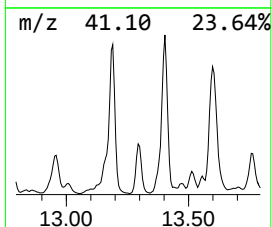
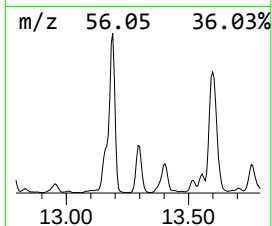
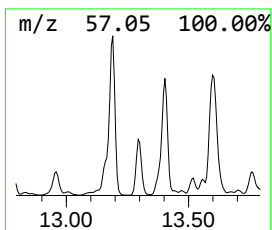
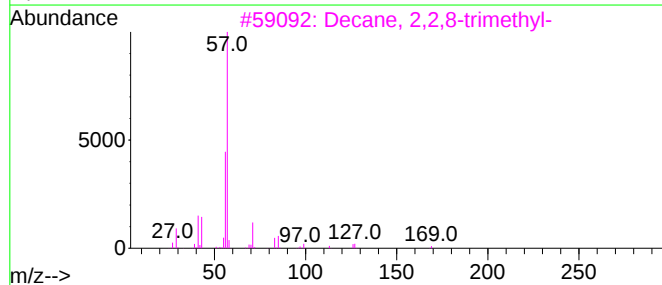
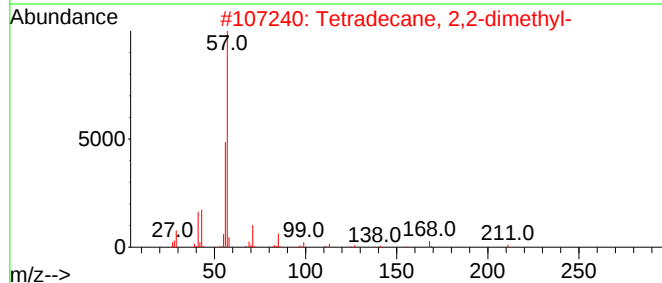
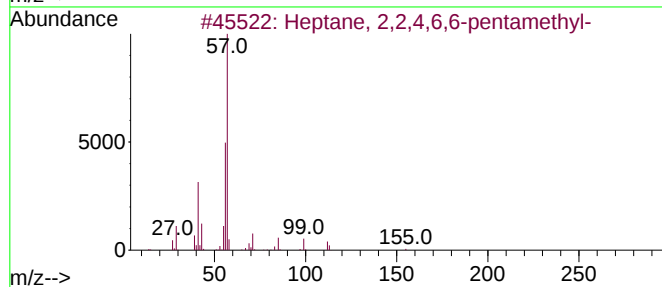
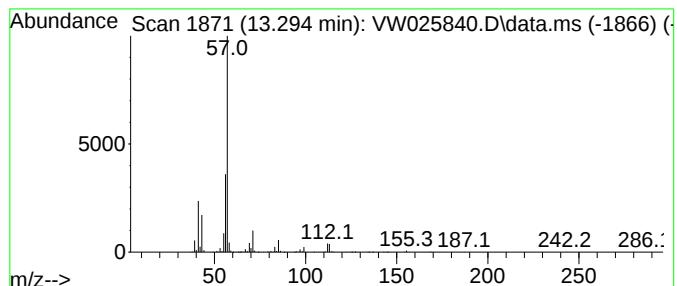
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.294	6.52 ug/L	512536	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
2		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
3		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
4		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	59
5		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

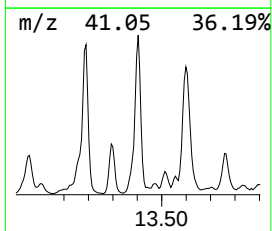
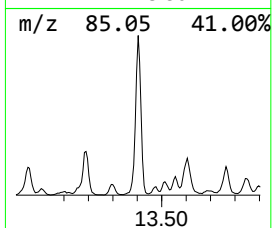
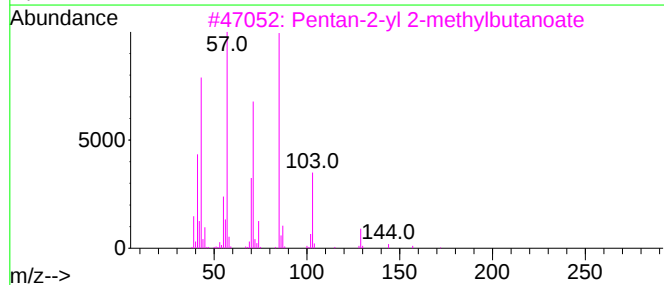
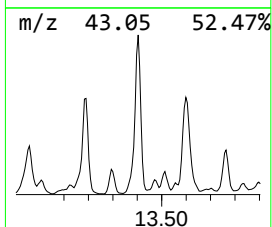
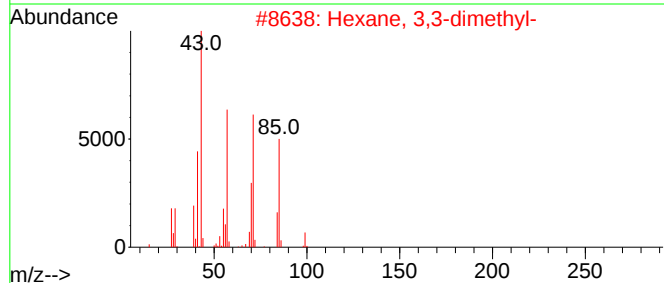
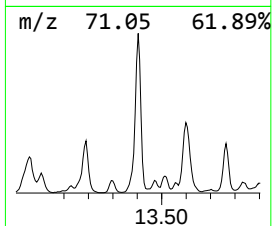
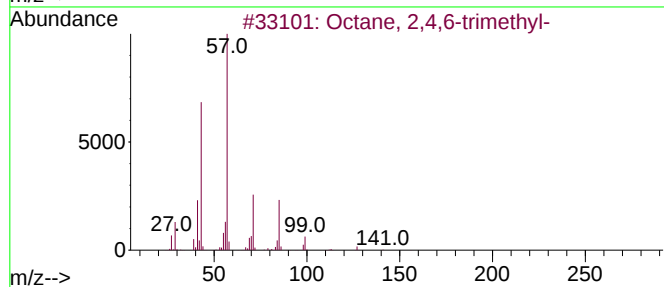
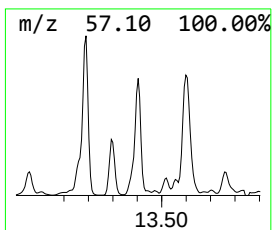
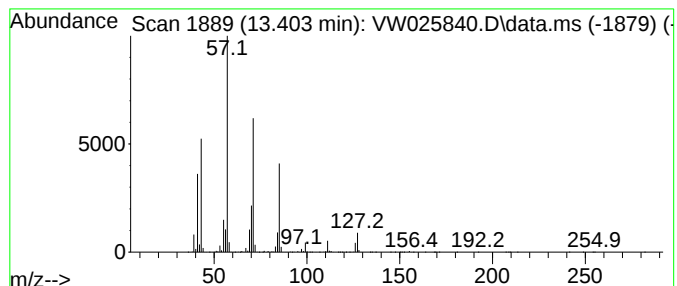
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	26.18 ug/L	2057010	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-			156	C11H24	062016-37-9	64
2	Hexane, 3,3-dimethyl-			114	C8H18	000563-16-6	64
3	Pentan-2-yl 2-methylbutanoate			172	C10H20O2	1000372-71-7	64
4	Heptadecane			240	C17H36	000629-78-7	64
5	Hexane, 3,3-dimethyl-			114	C8H18	000563-16-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

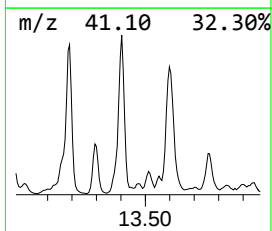
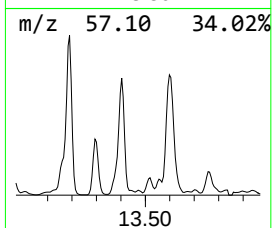
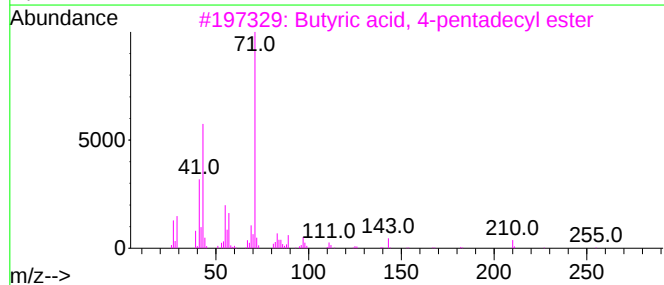
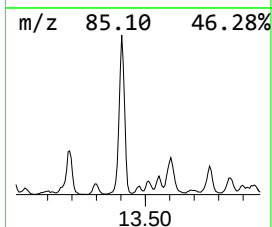
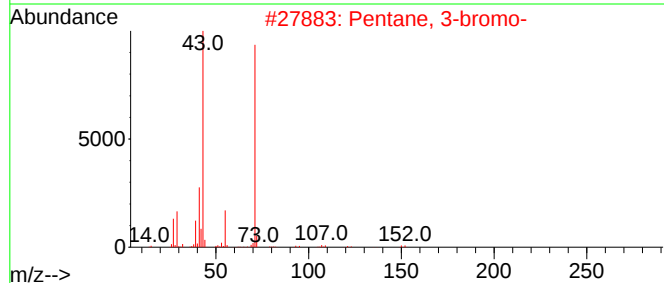
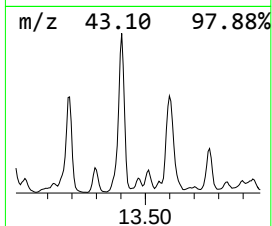
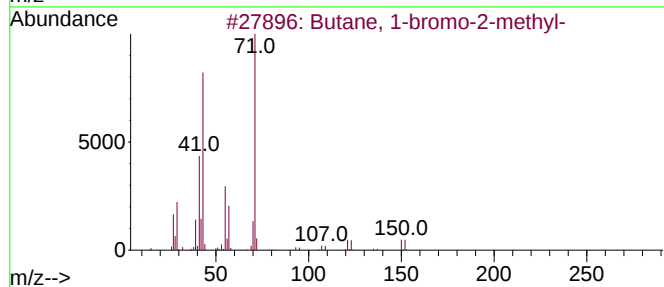
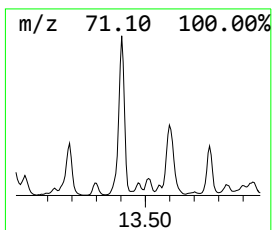
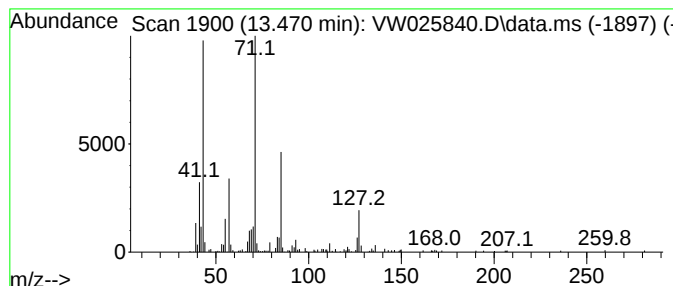
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.470	1.31 ug/L	102595	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	43
2			Pentane, 3-bromo-	150	C5H11Br	001809-10-5	43
3			Butyric acid, 4-pentadecyl ester	298	C19H38O2	1000280-57-4	43
4			Butyric acid, 3-pentadecyl ester	298	C19H38O2	1000280-57-3	43
5			Butyric acid, 3-tridecyl ester	270	C17H34O2	1000280-56-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025840.D
Acq On : 04 May 2023 12:57
Operator : SY/MD
Sample : 02574-11
Misc : 3.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCS6

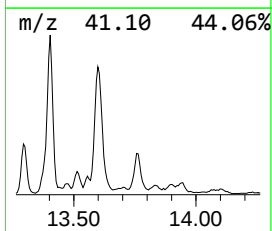
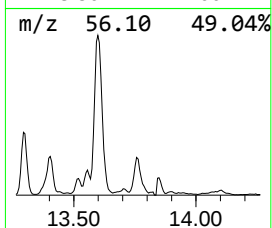
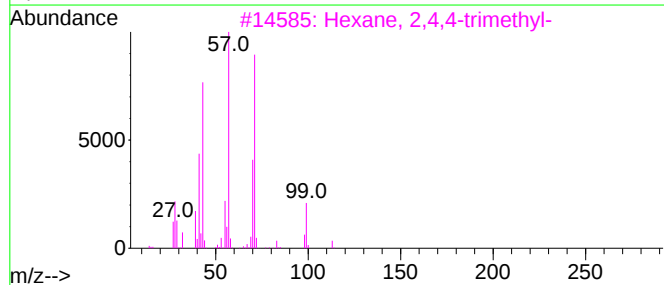
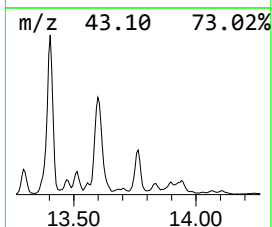
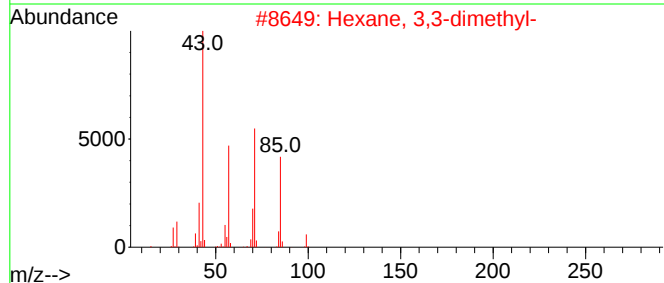
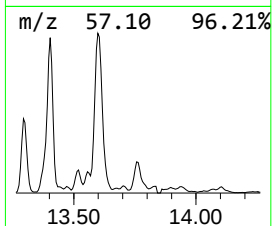
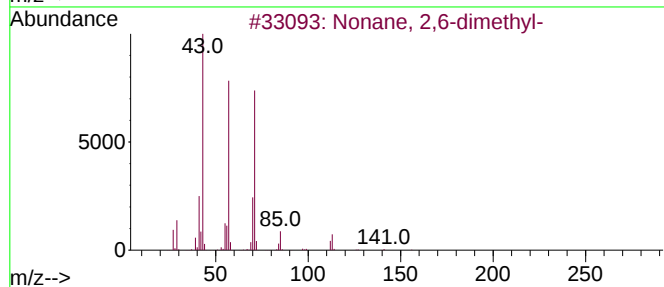
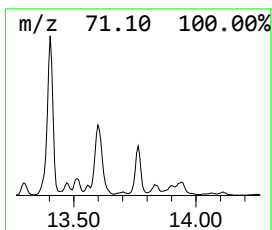
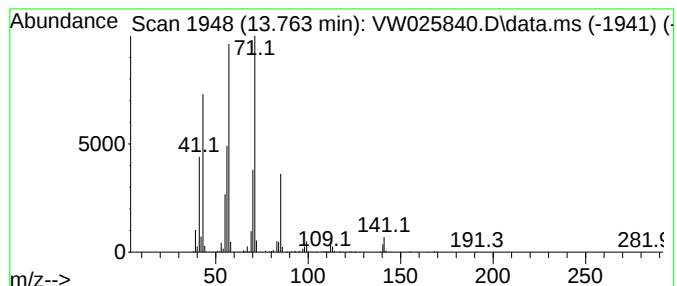
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	6.49 ug/L	509720	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
3			Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
5			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025840.D
 Acq On : 04 May 2023 12:57
 Operator : SY/MD
 Sample : 02574-11
 Misc : 3.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCS6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	12.093	1.8	ug/L	139896	2	11.629	1909140	25.0
(DEL) Alkane: S...	12.239	2.4	ug/L	183280	2	11.629	1909140	25.0
(DEL) Alkane: S...	12.586	33.6	ug/L	2564100	2	11.629	1909140	25.0
(DEL) Alkane: S...	12.751	12.4	ug/L	977374	3	13.556	1963910	25.0
(DEL) Alkane: S...	12.958	7.8	ug/L	613407	3	13.556	1963910	25.0
(DEL) Alkane: S...	13.007	1.9	ug/L	147188	3	13.556	1963910	25.0
(DEL) Alkane: S...	13.123	2.4	ug/L	188291	3	13.556	1963910	25.0
(DEL) Alkane: S...	13.190	24.7	ug/L	1940290	3	13.556	1963910	25.0
(DEL) Alkane: S...	13.294	6.5	ug/L	512536	3	13.556	1963910	25.0
(DEL) Alkane: S...	13.403	26.2	ug/L	2057010	3	13.556	1963910	25.0
unknown-02	13.470	1.3	ug/L	102595	3	13.556	1963910	25.0
(DEL) Alkane: S...	13.763	6.5	ug/L	509720	3	13.556	1963910	25.0