

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026413.D
 Acq On : 28 Jun 2023 23:12
 Operator : SY/MD
 Sample : 03458-13
 Misc : 4.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VW026413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	39	41	43	rBV3	2696	2773	0.01%	0.004%
2	2.363	71	78	89	rBV	146687	355198	1.80%	0.552%
3	2.893	158	165	179	rBV	143014	380407	1.93%	0.591%
4	3.289	227	230	232	rBV3	3321	3542	0.02%	0.006%
5	3.381	239	245	246	rVV6	4227	7340	0.04%	0.011%
6	3.399	246	248	254	rVV7	4027	8223	0.04%	0.013%
7	3.515	263	267	268	rBV4	2152	3253	0.02%	0.005%
8	3.844	317	321	323	rBV5	1956	3057	0.02%	0.005%
9	3.875	323	326	329	rVB5	2735	3472	0.02%	0.005%
10	4.021	339	350	360	rBV	288000	906312	4.59%	1.408%
11	4.119	361	366	382	rVB	66785	186870	0.95%	0.290%
12	4.308	393	397	400	rBV6	2376	3288	0.02%	0.005%
13	4.387	402	410	420	rVV2	15328	49978	0.25%	0.078%
14	4.679	453	458	460	rBV6	2198	3150	0.02%	0.005%
15	4.868	482	489	490	rBV6	3341	5001	0.03%	0.008%
16	4.923	490	498	514	rVV2	21608	84196	0.43%	0.131%
17	5.417	574	579	580	rBV5	3093	3700	0.02%	0.006%
18	5.570	601	604	607	rBV5	2121	2729	0.01%	0.004%
19	5.655	610	618	623	rBV5	2420	7309	0.04%	0.011%
20	5.777	633	638	640	rBV6	2689	5243	0.03%	0.008%
21	5.941	657	665	676	rVB9	7366	24694	0.13%	0.038%
22	6.216	707	710	717	rBV8	1654	3577	0.02%	0.006%
23	7.075	842	851	861	rBV	98114	294014	1.49%	0.457%
24	7.417	905	907	909	rBV3	2319	2533	0.01%	0.004%
25	7.557	925	930	935	rVB8	2175	3903	0.02%	0.006%
26	7.648	935	945	956	rBV	477783	1183474	5.99%	1.838%
27	7.880	981	983	985	rBV3	2410	2597	0.01%	0.004%
28	7.911	985	988	990	rBV4	2521	3263	0.02%	0.005%
29	8.039	1004	1009	1010	rBV5	2392	3526	0.02%	0.005%
30	8.161	1024	1029	1035	rVB10	3323	7152	0.04%	0.011%
31	8.276	1035	1048	1064	rBV2	966770	2857009	14.47%	4.437%
32	8.478	1076	1081	1088	rVV4	5646	9413	0.05%	0.015%
33	8.703	1115	1118	1124	rVB8	4377	6475	0.03%	0.010%
34	8.746	1124	1125	1129	rVB4	3201	2432	0.01%	0.004%
35	8.843	1132	1141	1156	rBV	1231670	2439619	12.36%	3.789%
36	9.075	1171	1179	1185	rBV4	10328	26646	0.13%	0.041%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026413.D
 Acq On : 28 Jun 2023 23:12
 Operator : SY/MD
 Sample : 03458-13
 Misc : 4.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	9.276	1203	1212	1220	rBV	783557	1627683	8.24%	2.528%
38	9.465	1240	1243	1246	rVB5	2349	2543	0.01%	0.004%
39	9.520	1249	1252	1257	rVB6	2330	3524	0.02%	0.005%
40	9.605	1263	1266	1269	rBV5	2016	3098	0.02%	0.005%
41	9.660	1269	1275	1285	rVB5	4974	11694	0.06%	0.018%
42	9.758	1285	1291	1297	rVB5	8659	20749	0.11%	0.032%
43	9.898	1308	1314	1319	rBV5	8170	14932	0.08%	0.023%
44	9.959	1319	1324	1326	rBV6	5734	11102	0.06%	0.017%
45	10.032	1329	1336	1344	rBV	349938	626179	3.17%	0.973%
46	10.246	1360	1371	1376	rBV2	11537	28164	0.14%	0.044%
47	10.319	1376	1383	1392	rBV	1409209	2546983	12.90%	3.956%
48	10.502	1407	1413	1419	rBV	6162	14964	0.08%	0.023%
49	10.575	1419	1425	1436	rBV	208199	370002	1.87%	0.575%
50	10.660	1436	1439	1441	rBV4	4711	6290	0.03%	0.010%
51	10.703	1443	1446	1450	rVB2	9417	13253	0.07%	0.021%
52	10.770	1454	1457	1460	rVB5	5106	6834	0.03%	0.011%
53	10.831	1463	1467	1473	rVB3	8192	17255	0.09%	0.027%
54	10.922	1476	1482	1493	rBV	431270	782212	3.96%	1.215%
55	11.032	1497	1500	1507	rVV	14548	30138	0.15%	0.047%
56	11.105	1510	1512	1516	rVB5	4422	4584	0.02%	0.007%
57	11.227	1527	1532	1536	rBV3	31116	68490	0.35%	0.106%
58	11.294	1537	1543	1544	rBV4	33483	58346	0.30%	0.091%
59	11.629	1590	1598	1606	rBV	1305635	2217347	11.23%	3.444%
60	11.764	1618	1620	1623	rVB3	12969	12299	0.06%	0.019%
61	11.818	1624	1629	1633	rBV3	26965	53538	0.27%	0.083%
62	11.873	1634	1638	1642	rBV3	41016	72053	0.36%	0.112%
63	11.977	1650	1655	1656	rBV4	20590	27978	0.14%	0.043%
64	12.062	1665	1669	1673	rVB2	33592	51633	0.26%	0.080%
65	12.129	1674	1680	1686	rBV2	113646	272848	1.38%	0.424%
66	12.184	1686	1689	1692	rVV3	38304	57551	0.29%	0.089%
67	12.251	1693	1700	1704	rVB	207784	367511	1.86%	0.571%
68	12.361	1704	1718	1724	rBV4	230513	767451	3.89%	1.192%
69	12.593	1751	1756	1765	rVB4	116797	335447	1.70%	0.521%
70	12.690	1765	1772	1778	rBV	579859	1145997	5.80%	1.780%
71	12.776	1782	1786	1792	rVB3	252759	486288	2.46%	0.755%
72	12.861	1793	1800	1805	rBV6	151251	422720	2.14%	0.657%
73	12.958	1805	1816	1827	rBV8	341069	1683009	8.52%	2.614%
74	13.074	1832	1835	1839	rVB2	198721	280910	1.42%	0.436%
75	13.123	1839	1843	1846	rBV3	162649	267174	1.35%	0.415%
76	13.190	1846	1854	1857	rBV5	175878	453518	2.30%	0.704%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026413.D
 Acq On : 28 Jun 2023 23:12
 Operator : SY/MD
 Sample : 03458-13
 Misc : 4.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

77	13.288	1862	1870	1875	rBV2	455216	901180	4.56%	1.400%
78	13.336	1875	1878	1882	rBV	206835	252340	1.28%	0.392%
79	13.379	1882	1885	1886	rBV2	77338	94387	0.48%	0.147%
80	13.410	1886	1890	1892	rBV	224327	341204	1.73%	0.530%
81	13.477	1899	1901	1908	rVB6	152949	208228	1.05%	0.323%
82	13.556	1909	1914	1917	rVV	644191	969657	4.91%	1.506%
83	13.593	1917	1920	1931	rVB2	395748	955799	4.84%	1.485%
84	13.696	1931	1937	1941	rBV4	249959	506639	2.57%	0.787%
85	13.873	1957	1966	1970	rBV3	771106	2232985	11.31%	3.468%
86	13.916	1971	1973	1979	rVB4	271881	462714	2.34%	0.719%
87	13.977	1979	1983	1987	rBV3	340051	531611	2.69%	0.826%
88	14.190	2014	2018	2022	rBV	341735	502664	2.55%	0.781%
89	14.257	2025	2029	2035	rVB4	596972	985156	4.99%	1.530%
90	14.312	2035	2038	2042	rVB4	247851	341525	1.73%	0.530%
91	14.379	2043	2049	2054	rBV2	1132594	2097260	10.62%	3.257%
92	14.495	2063	2068	2070	rBV5	420710	809758	4.10%	1.258%
93	14.653	2091	2094	2099	rVB	349726	436094	2.21%	0.677%
94	14.733	2103	2107	2112	rBV4	424684	777939	3.94%	1.208%
95	14.848	2113	2126	2136	rBV2	6086438	19745283	100.00%	30.668%
96	15.117	2167	2170	2173	rVB3	273507	336943	1.71%	0.523%
97	15.318	2199	2203	2210	rVB2	1478806	2800000	14.18%	4.349%
98	15.391	2210	2215	2220	rBV4	703814	1522632	7.71%	2.365%
99	15.562	2240	2243	2249	rBV6	399171	828313	4.19%	1.287%
100	16.275	2356	2360	2369	rVB	763270	1604798	8.13%	2.493%

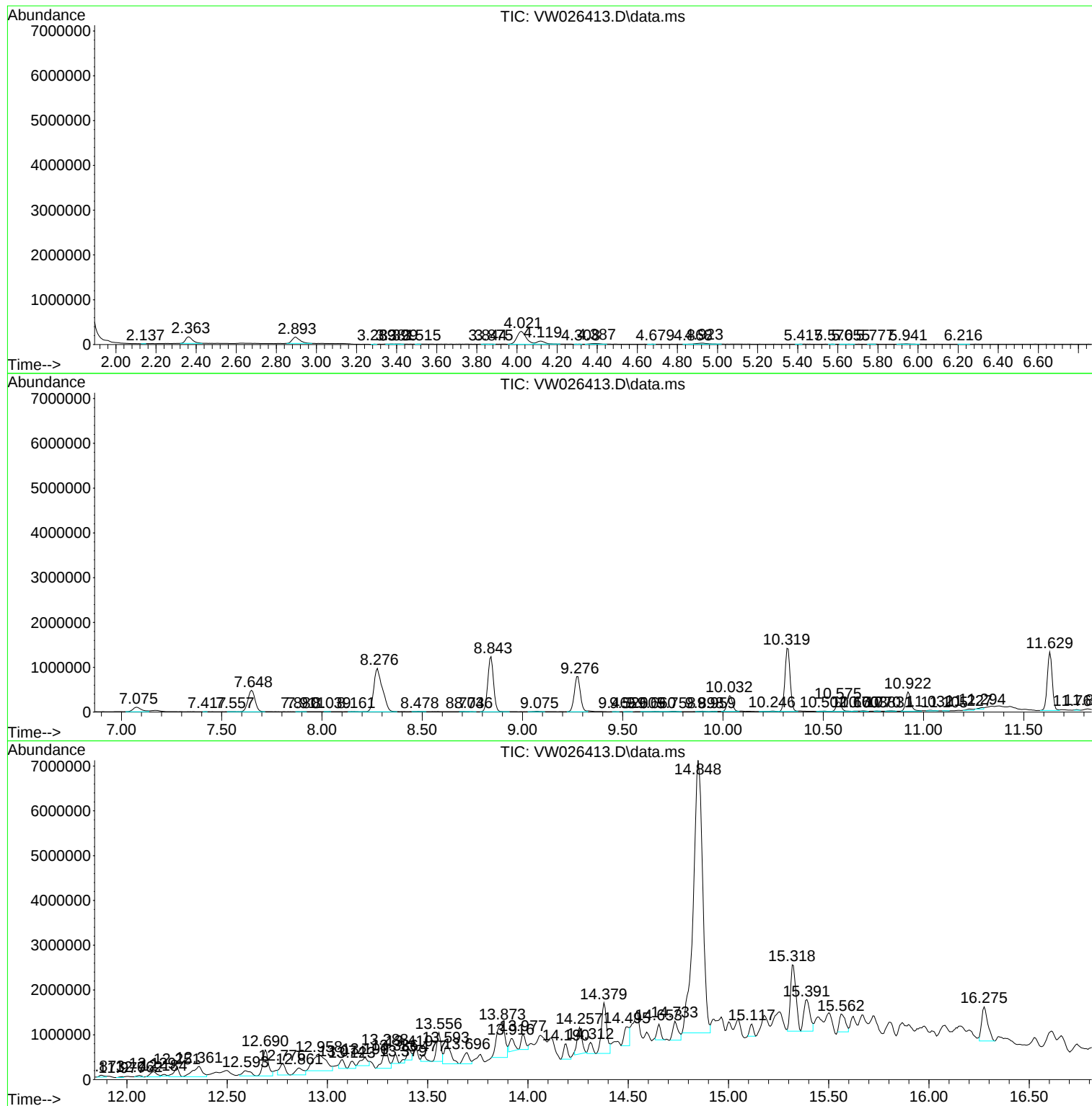
Sum of corrected areas: 64384768

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

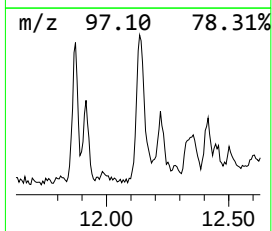
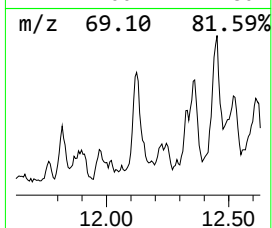
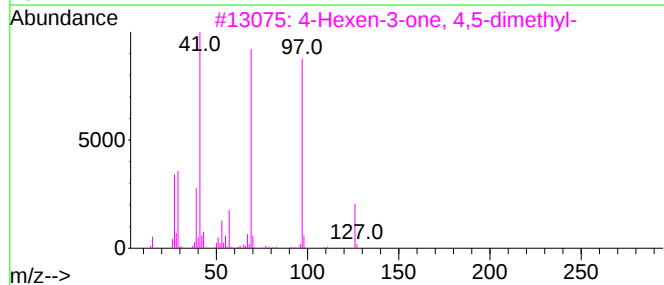
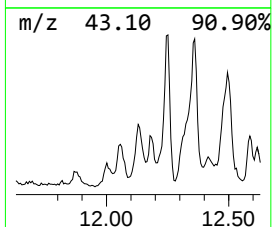
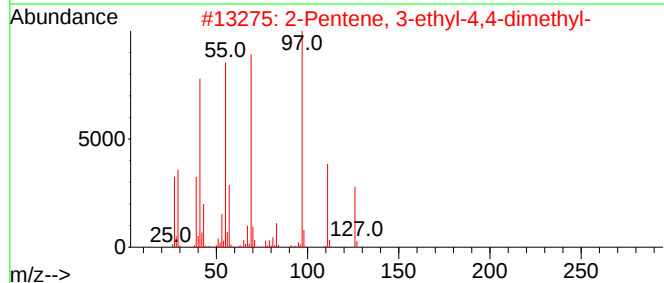
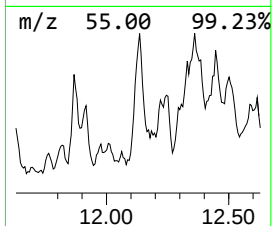
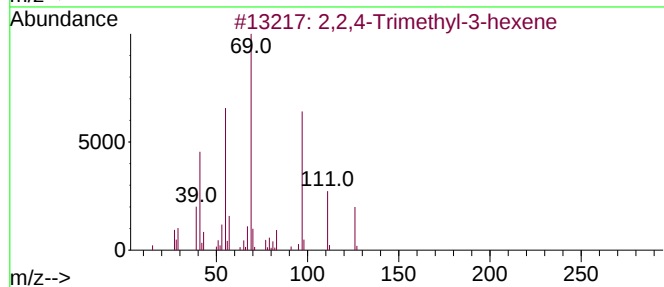
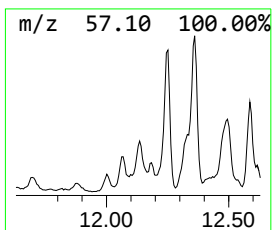
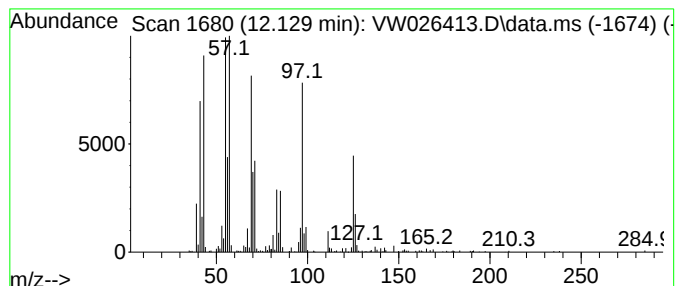
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.129	3.08 ug/L	272848	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	45	
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	45	
3	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	43	
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43	
5	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

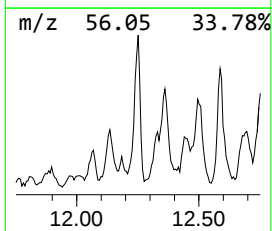
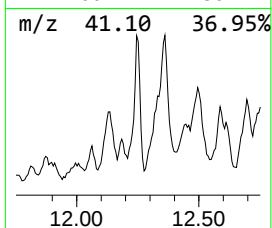
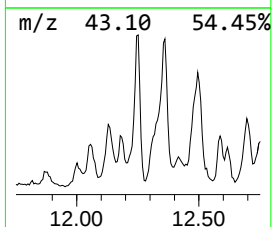
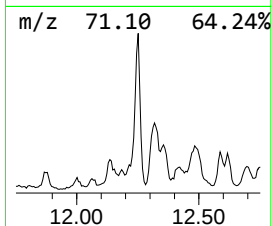
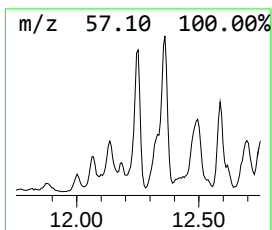
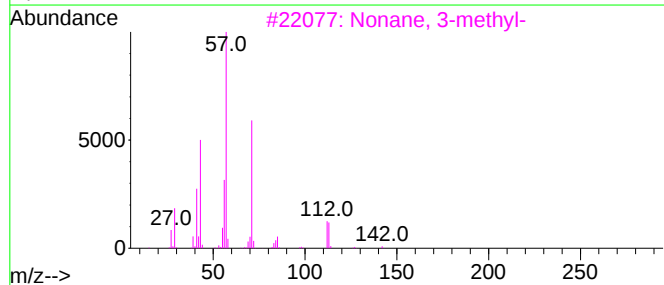
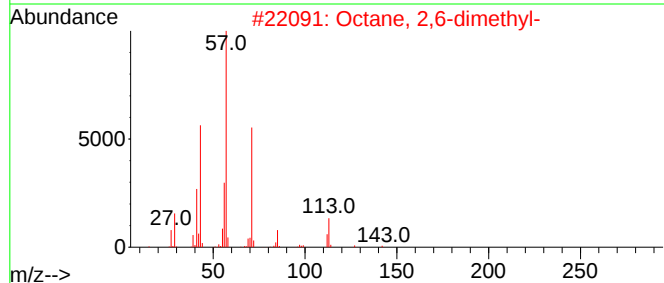
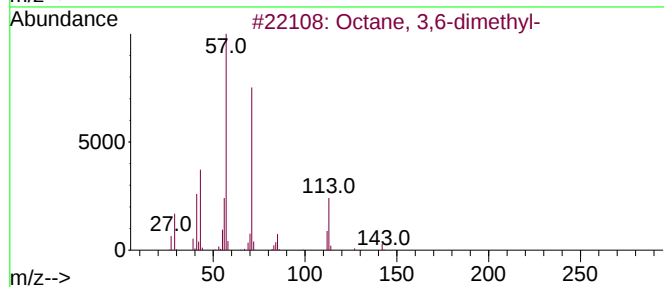
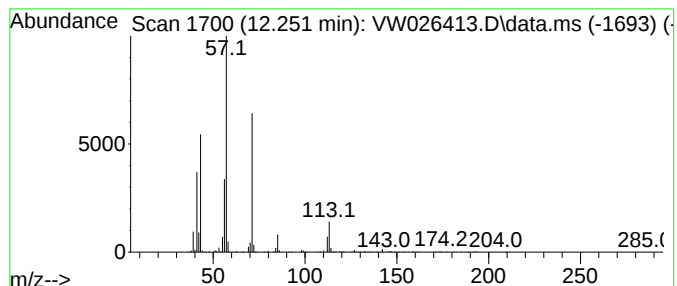
Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.251	4.14 ug/L	367511	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

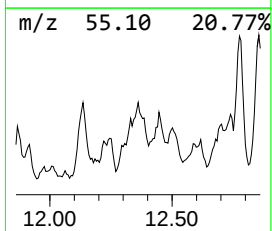
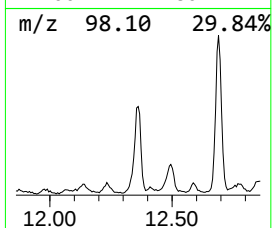
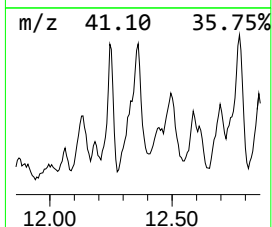
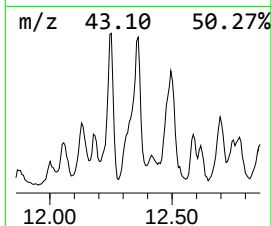
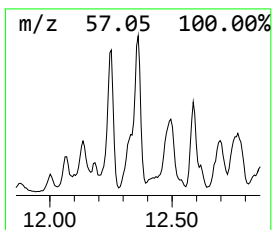
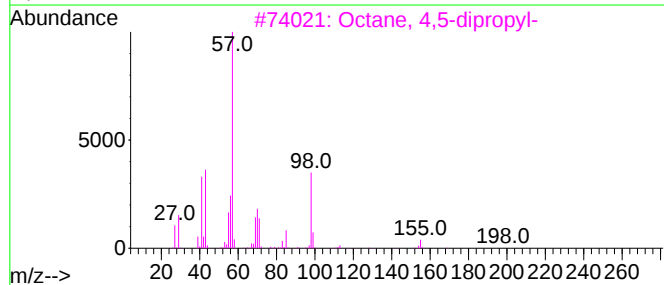
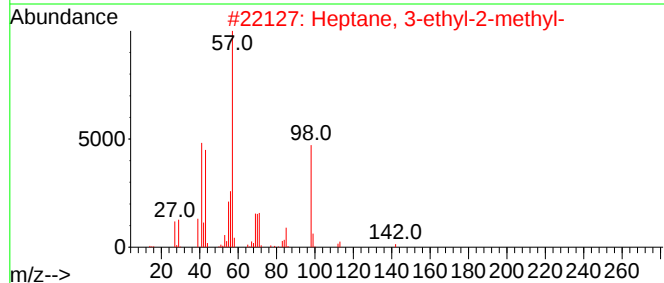
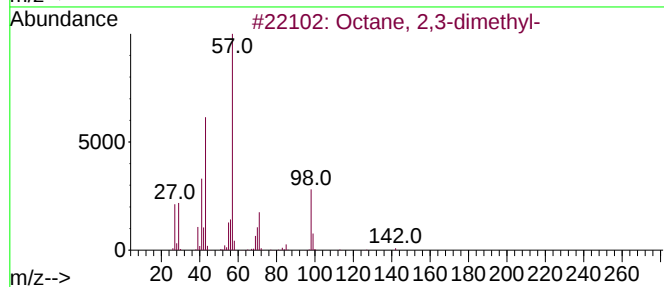
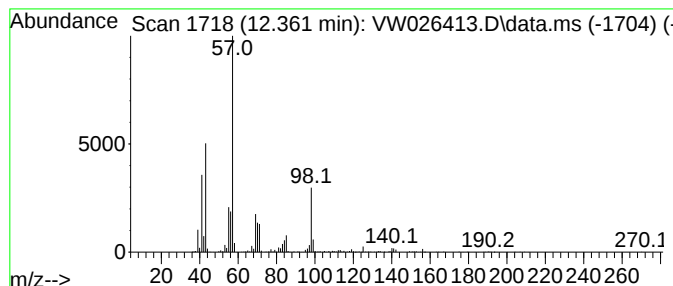
Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.361	8.65 ug/L	767451	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	80
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	80
3	Octane, 4,5-dipropyl-		198	C14H30	020905-05-9	78
4	Heptane, 4-propyl-		142	C10H22	003178-29-8	64
5	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

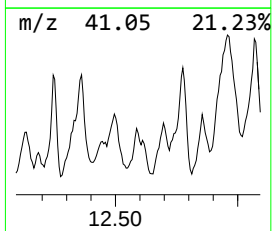
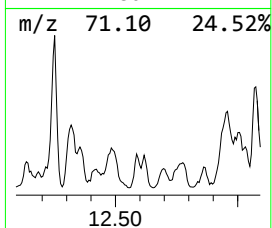
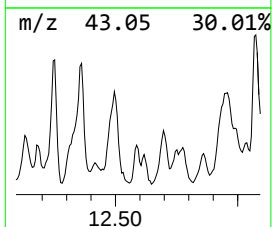
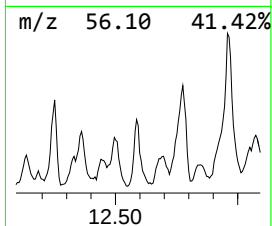
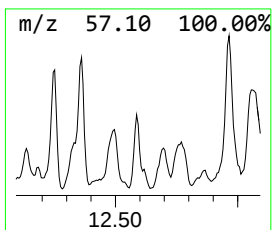
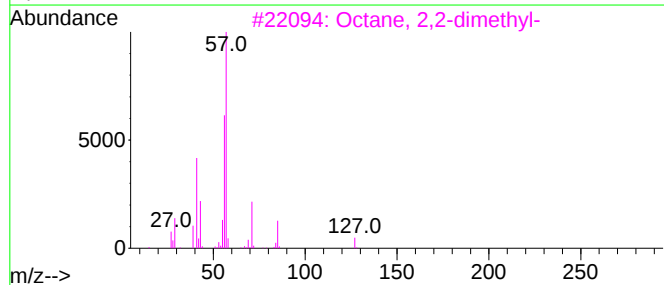
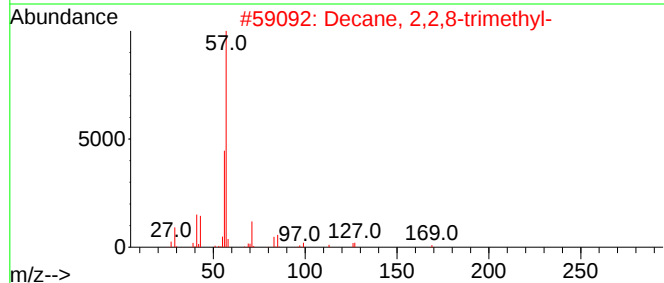
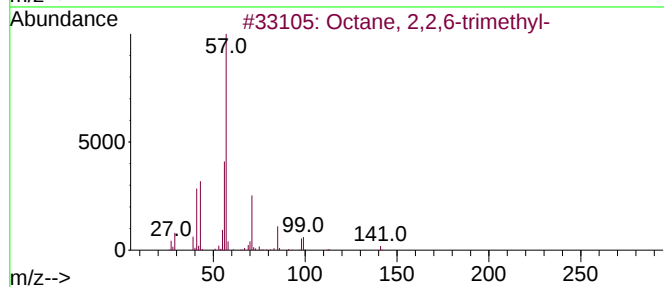
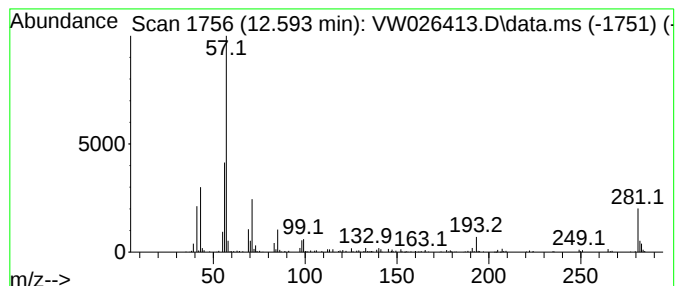
Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.593	3.78 ug/L	335447	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	53
2	Decane, 2,2,8-trimethyl-		184	C13H28	062238-01-1	53
3	Octane, 2,2-dimethyl-		142	C10H22	015869-87-1	53
4	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	47
5	Tetradecane, 2,2-dimethyl-		226	C16H34	059222-86-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

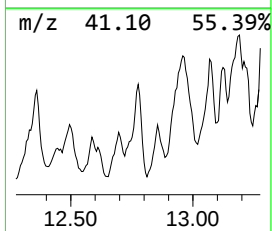
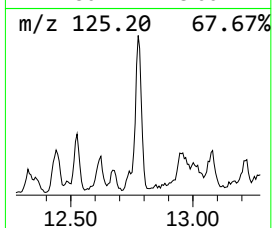
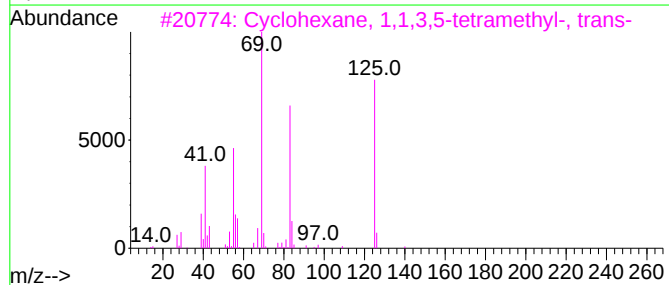
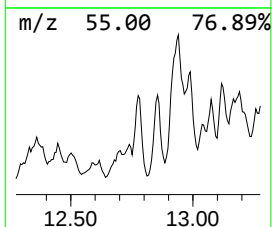
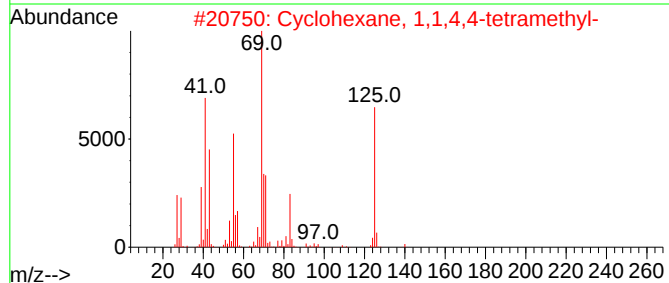
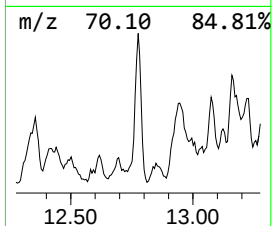
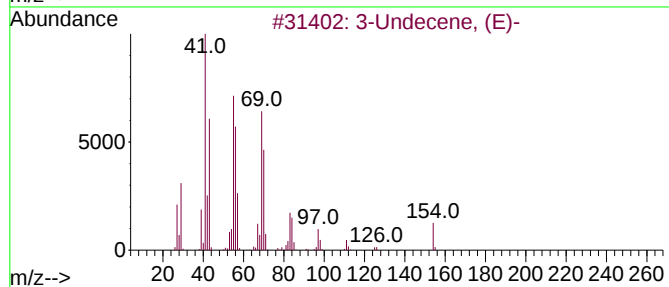
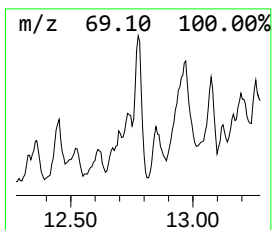
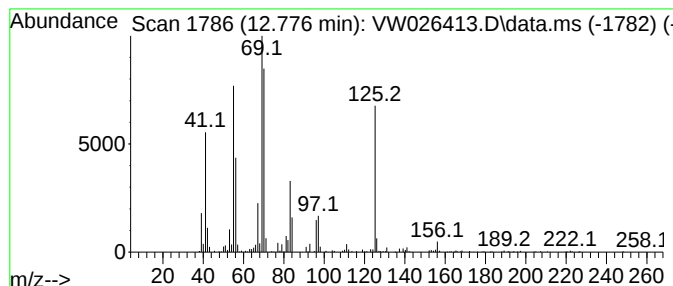
Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.776	12.54 ug/L	486288	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Undecene, (E)-		154	C11H22	001002-68-2	50
2	Cyclohexane, 1,1,4,4-tetramethyl-		140	C10H20	002223-52-1	43
3	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-31-8	43
4	2,6-Dodecadien-1-al		180	C12H20O	021662-13-5	43
5	2-Decene, 4-methyl-, (Z)-		154	C11H22	074630-30-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

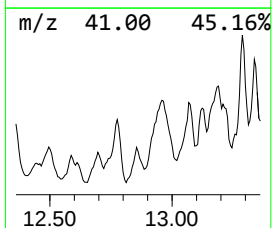
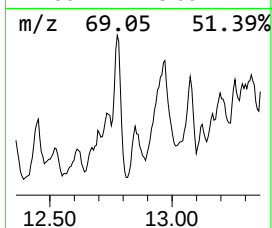
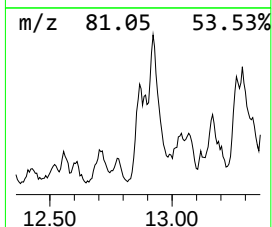
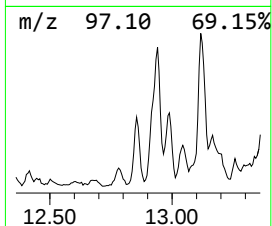
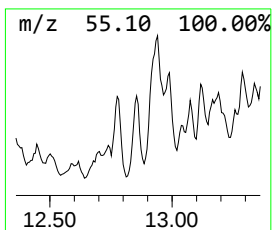
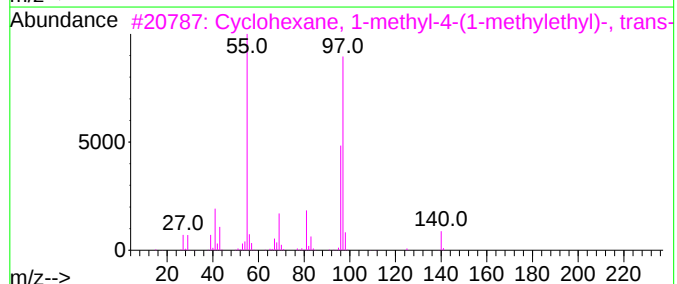
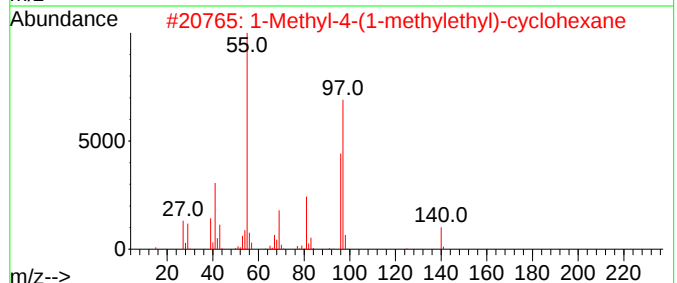
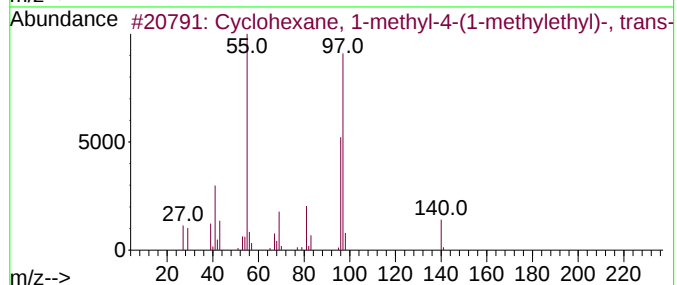
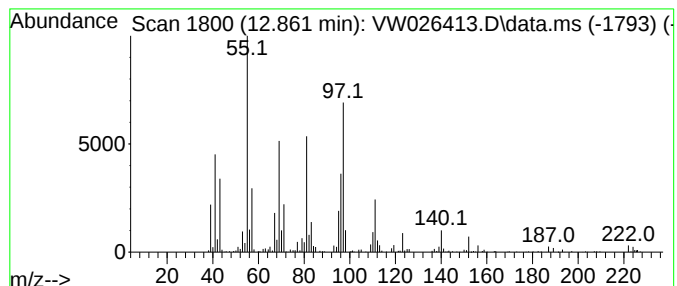
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.861 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	10.90 ug/L	422720	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
4			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	43
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

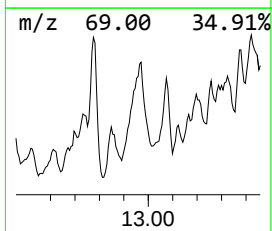
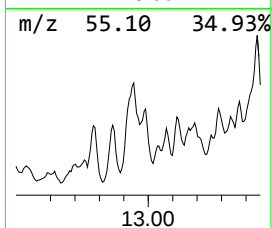
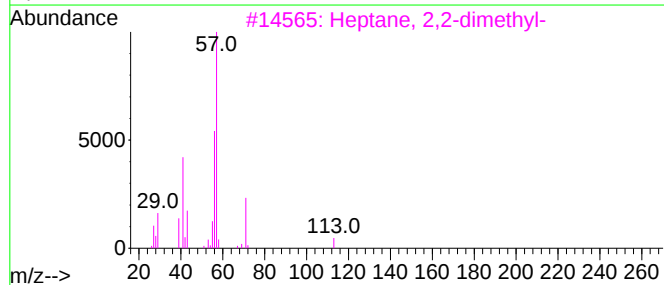
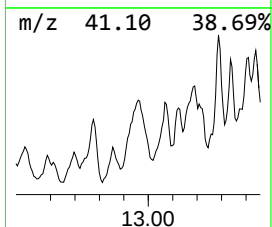
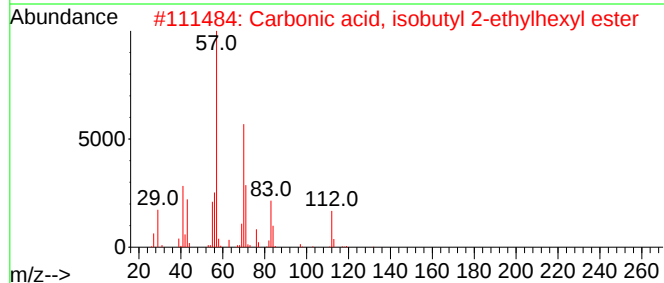
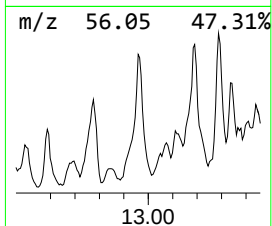
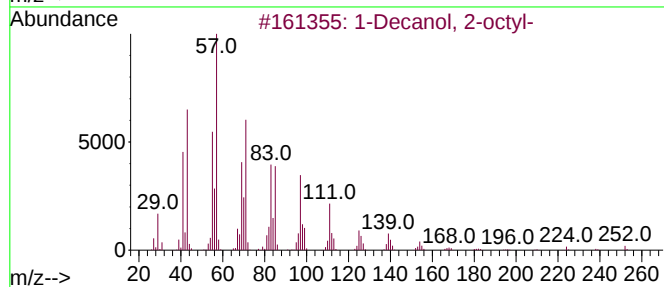
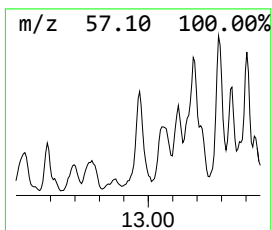
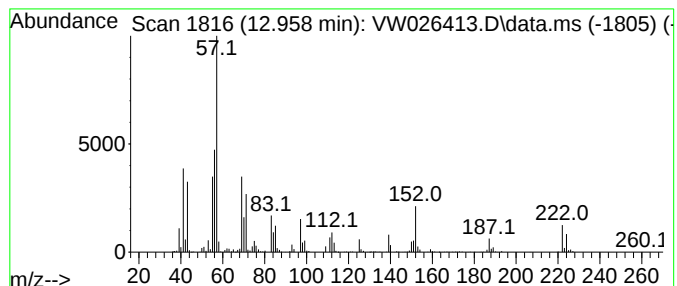
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	43.39 ug/L	1683010	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	47
2			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	38
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
4			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	38
5			Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

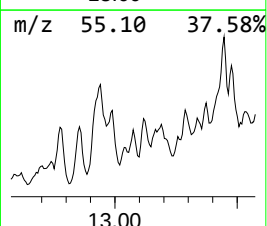
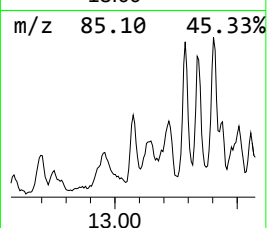
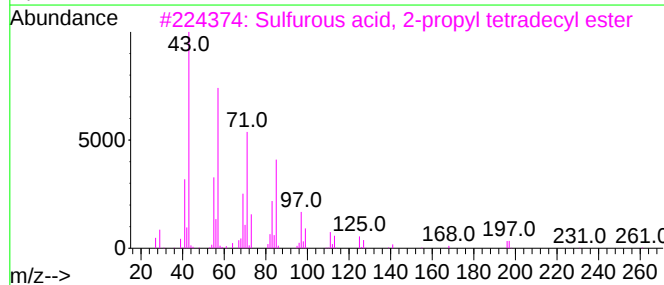
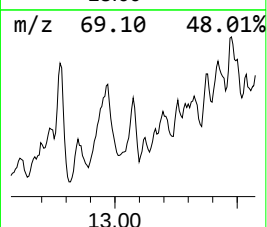
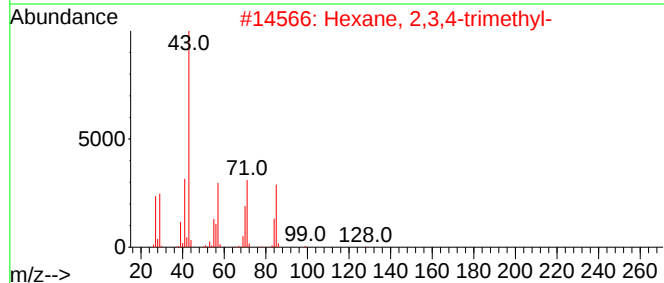
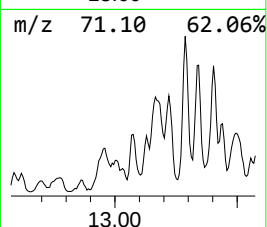
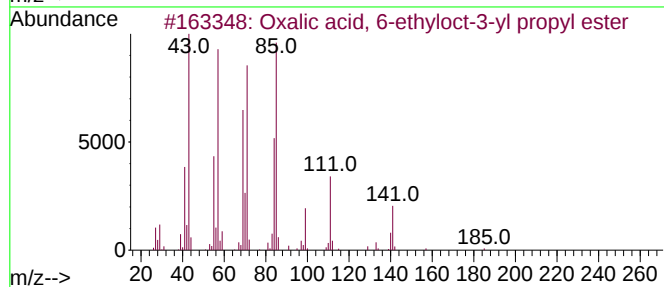
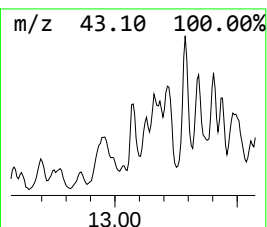
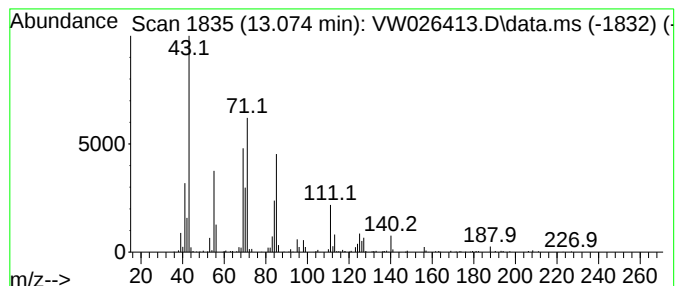
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	7.24 ug/L	280910	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	72
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	50
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
5			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

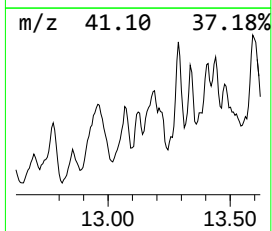
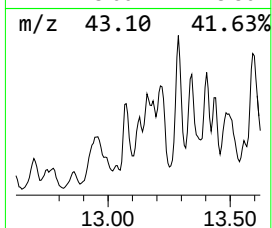
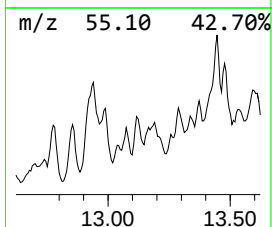
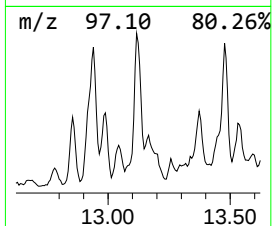
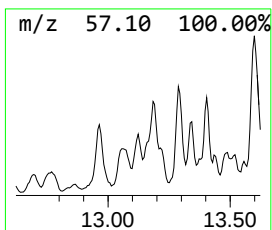
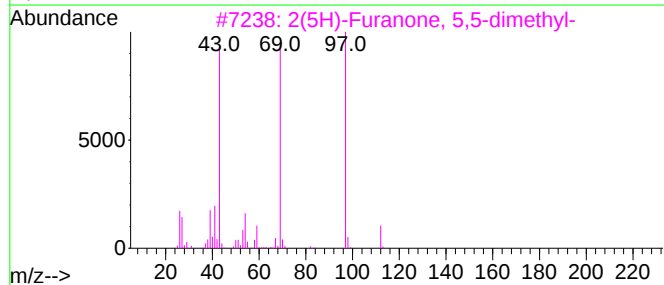
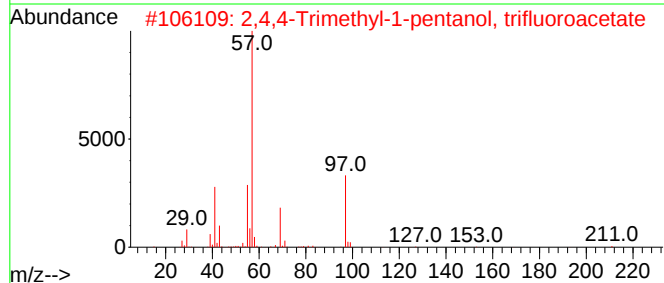
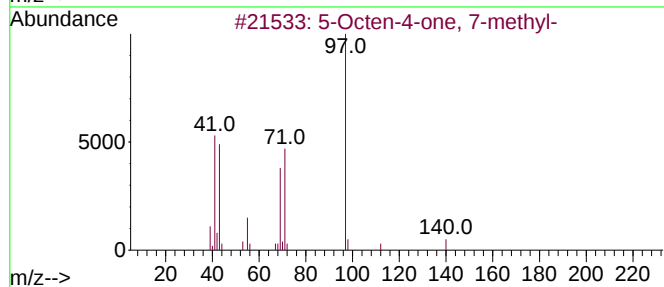
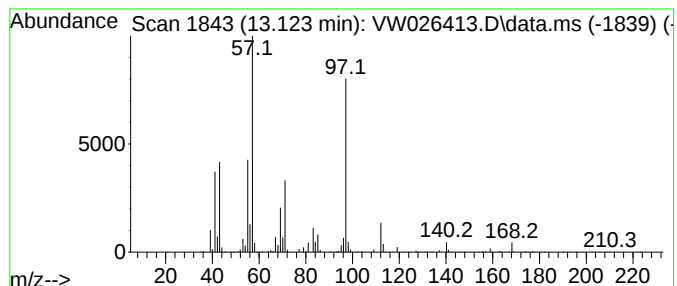
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 5-Octen-4-one, 7-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	6.89 ug/L	267174	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	58
2			2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	50
3			2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	49
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	43
5			Oxalic acid, monoamide, N-cycloh...	255	C14H25NO3	1000309-48-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

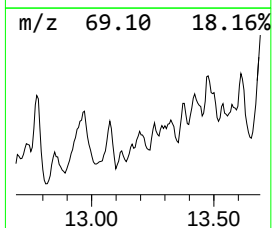
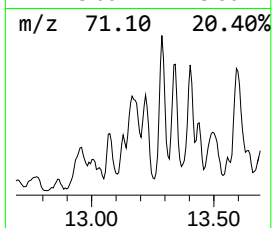
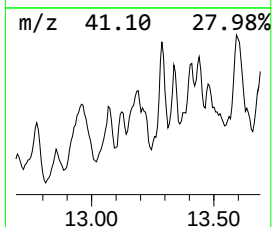
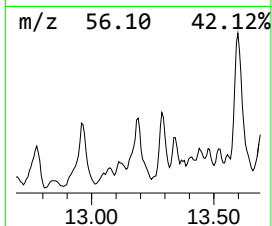
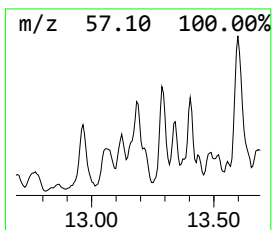
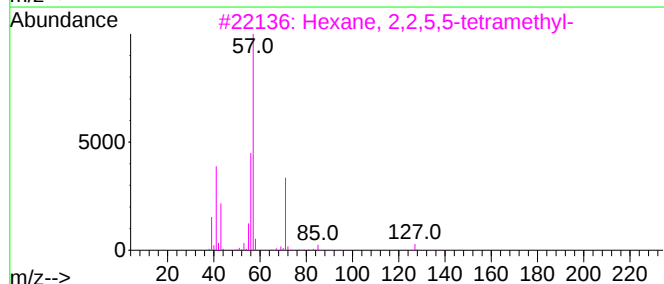
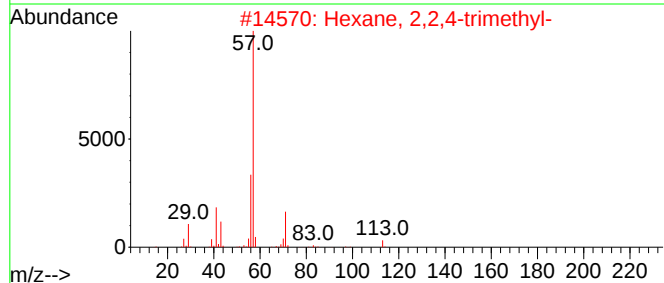
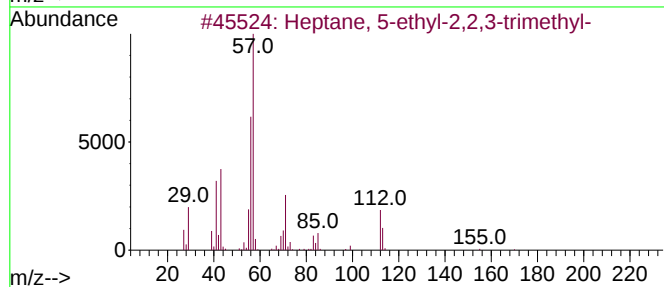
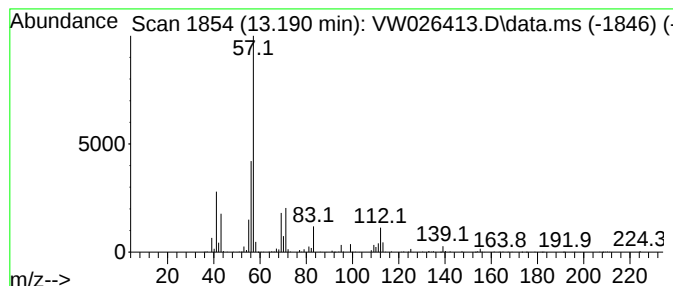
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	11.69 ug/L	453518	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	64
2		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

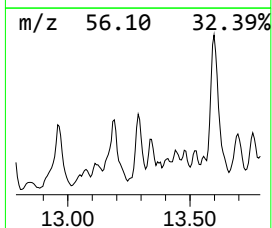
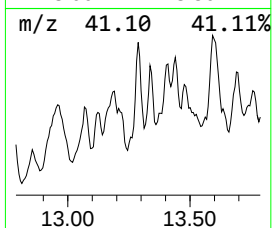
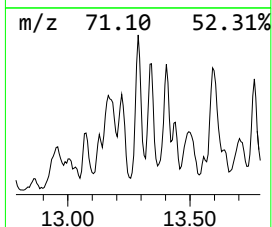
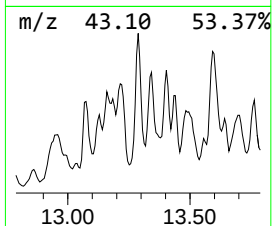
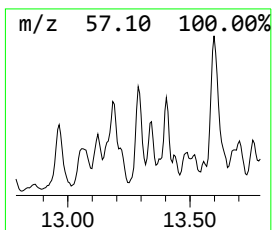
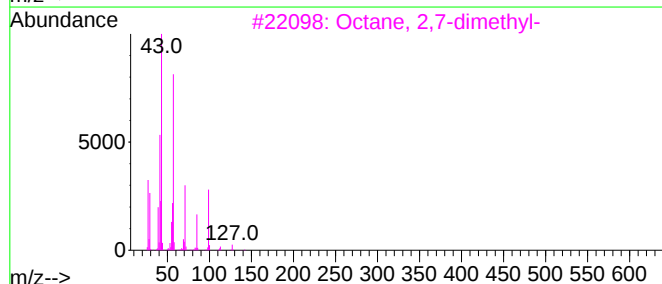
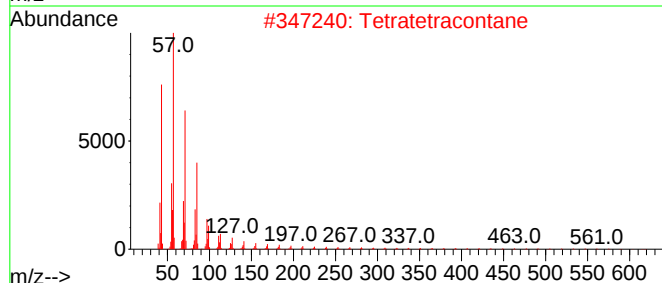
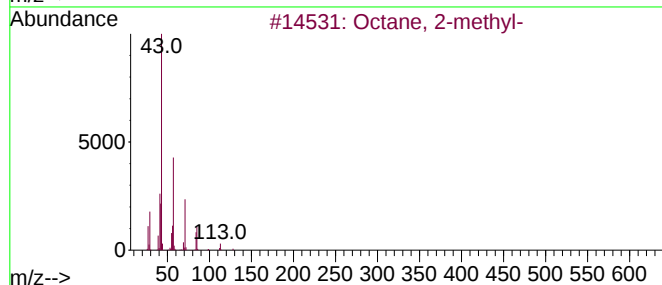
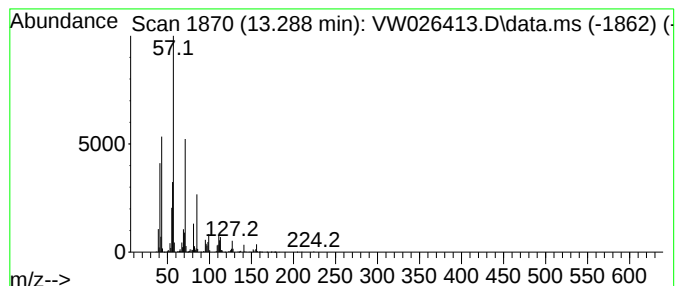
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	23.23 ug/L	901180	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	72
2			Tetratetracontane	619	C44H90	007098-22-8	72
3			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
4			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72
5			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

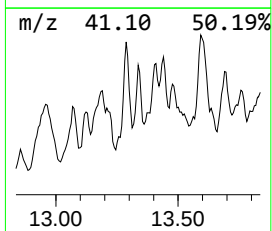
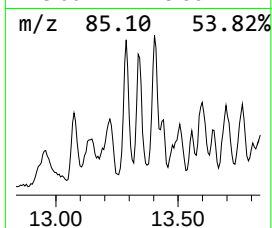
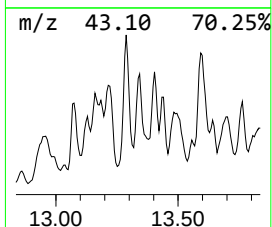
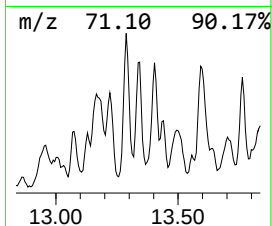
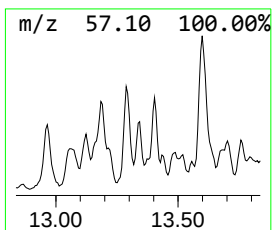
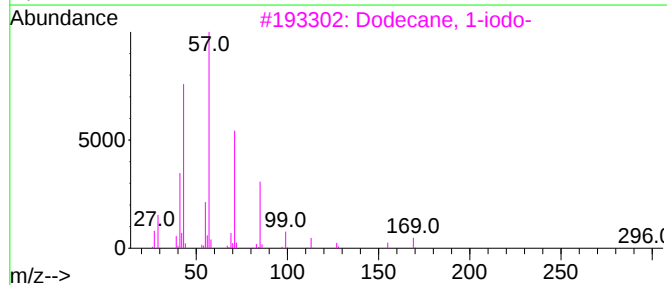
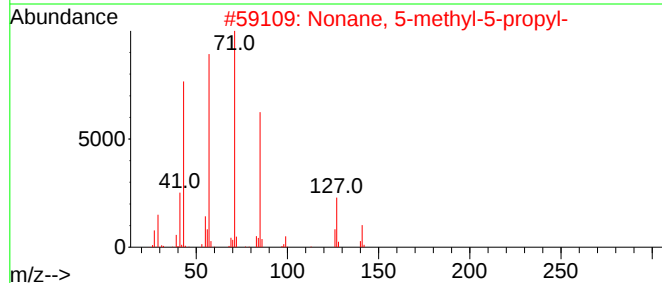
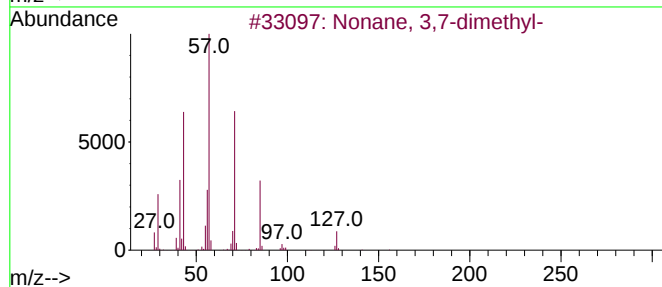
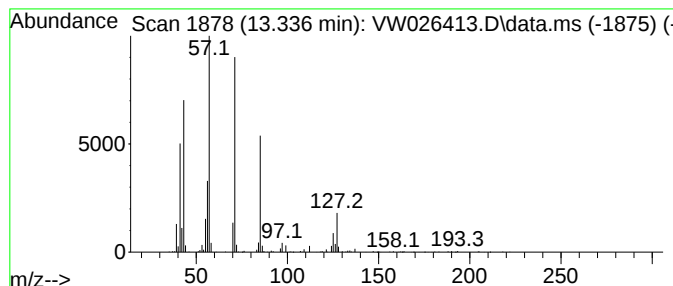
Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.336	6.51 ug/L	252340	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	74
2	Nonane, 5-methyl-5-propyl-		184	C13H28	017312-75-3	59
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	59
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	53
5	4-Octanone		128	C8H16O	000589-63-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

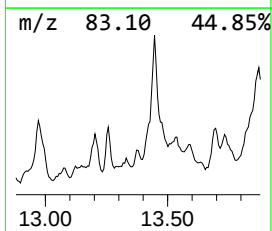
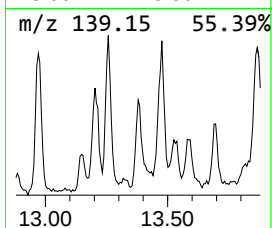
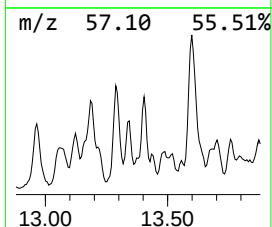
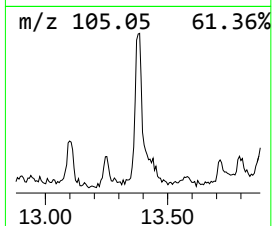
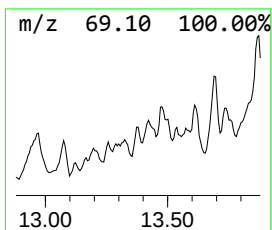
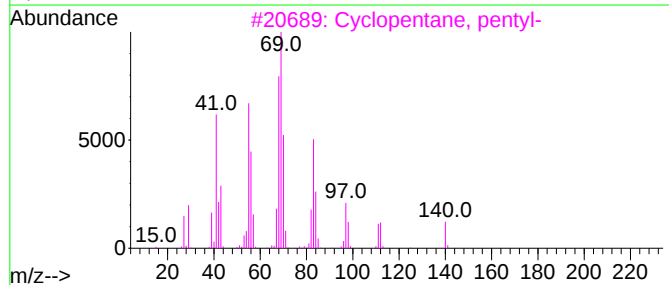
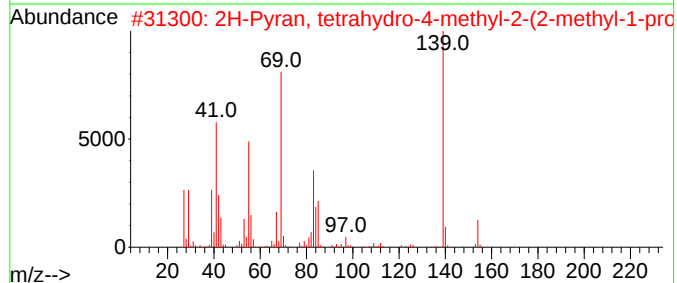
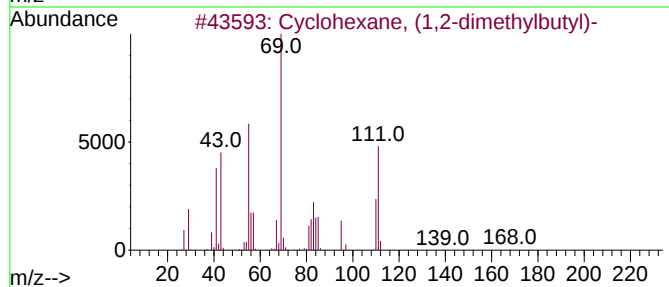
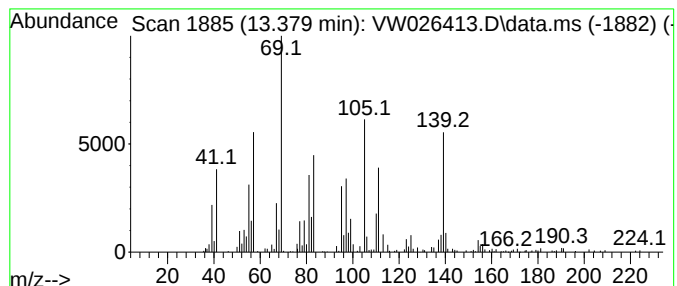
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.379 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	2.43 ug/L	94387	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	47
2			2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	47
3			Cyclopentane, pentyl-	140	C10H20	003741-00-2	38
4			Cyclooctanemethanol	142	C9H18O	003637-63-6	35
5			Cyclopentanone, 2-methyl-3-(1-ox...	154	C9H14O2	079881-04-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

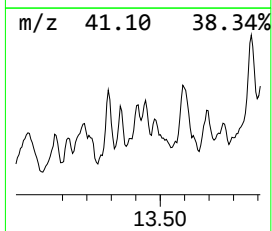
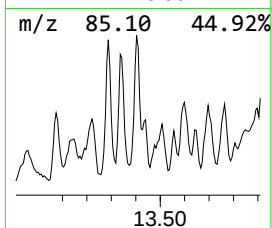
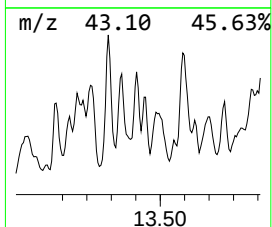
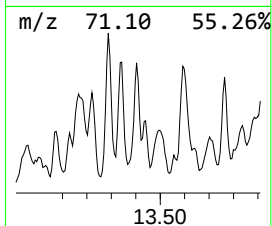
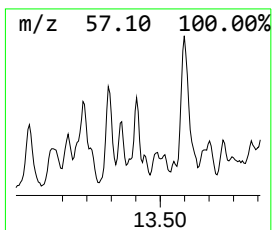
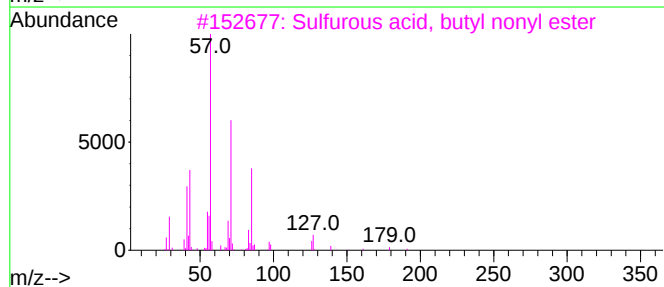
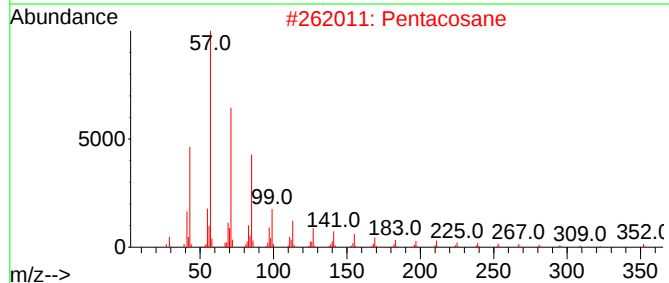
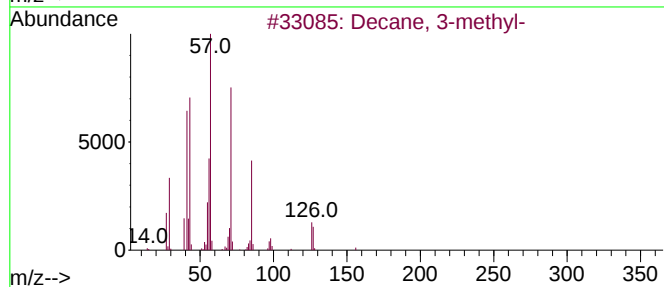
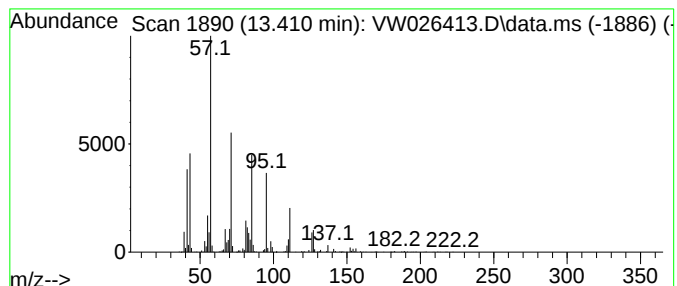
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	8.80 ug/L	341204	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	53
2		Pentacosane	352	C25H52	000629-99-2	53
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4		Hexadecane	226	C16H34	000544-76-3	47
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

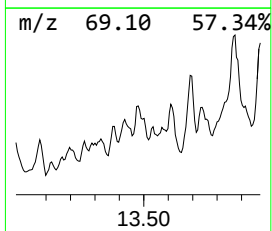
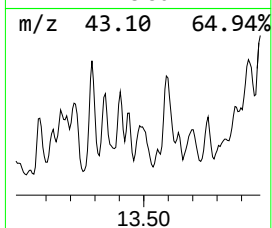
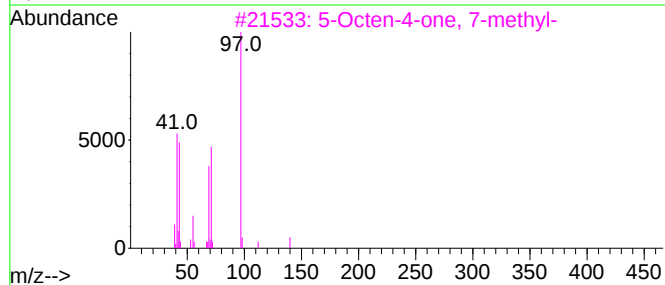
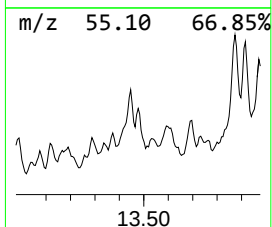
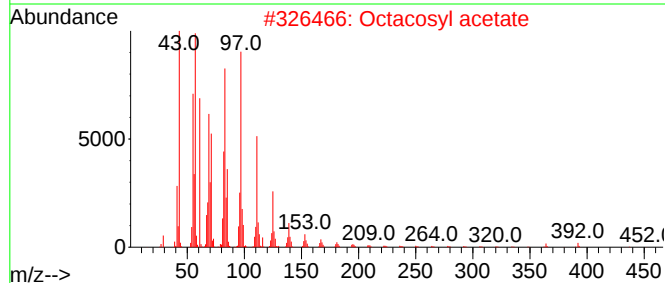
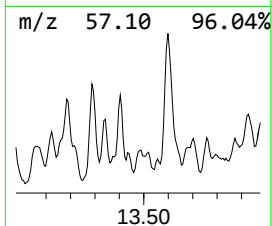
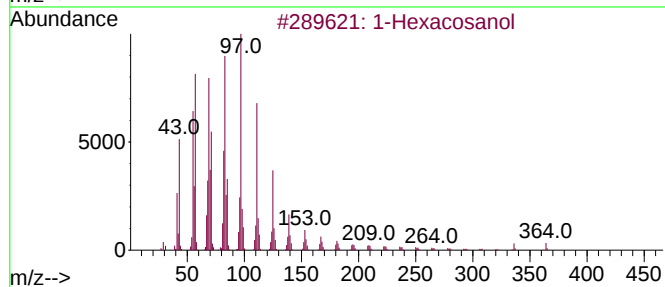
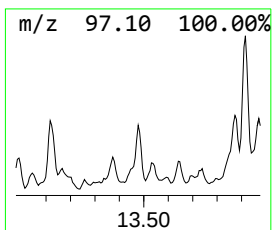
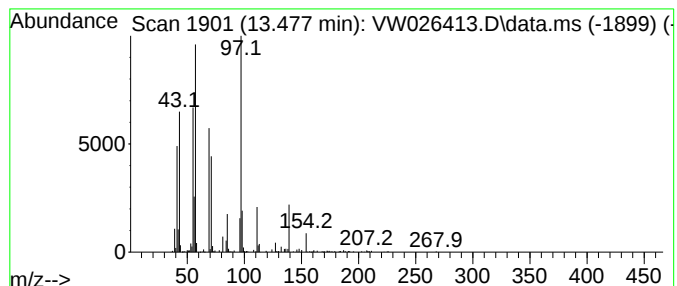
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 1-Hexacosanol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	5.37 ug/L	208228	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexacosanol	382	C26H54O	000506-52-5	53
2			Octacosyl acetate	452	C30H60O2	018206-97-8	53
3			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	38
4			2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	38
5			Succinic acid, tridec-2-yn-1-yl ...	392	C24H40O4	1000390-06-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

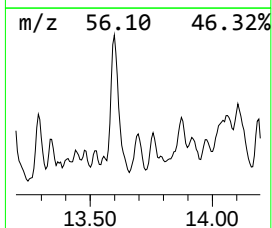
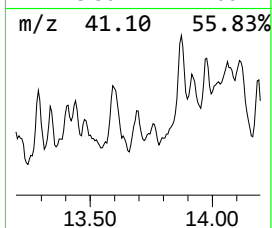
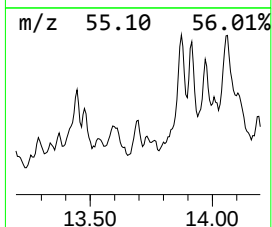
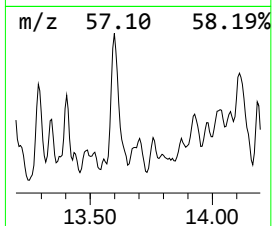
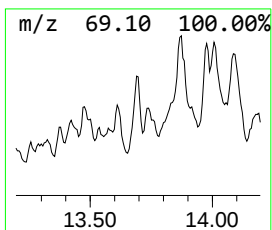
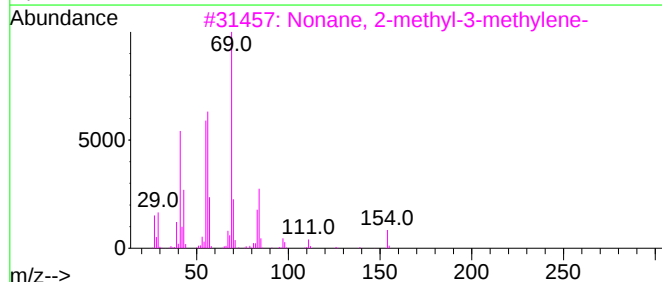
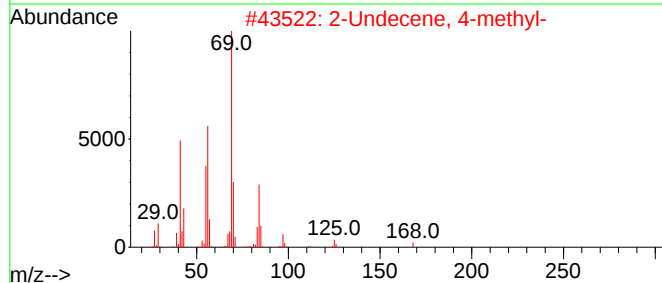
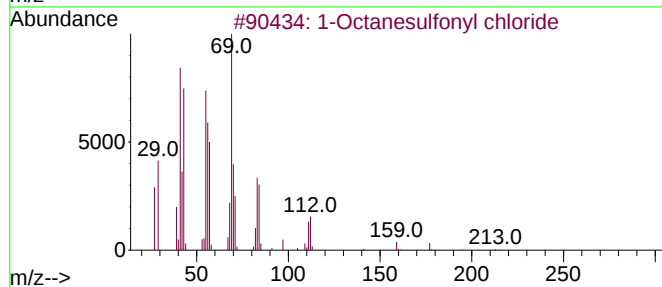
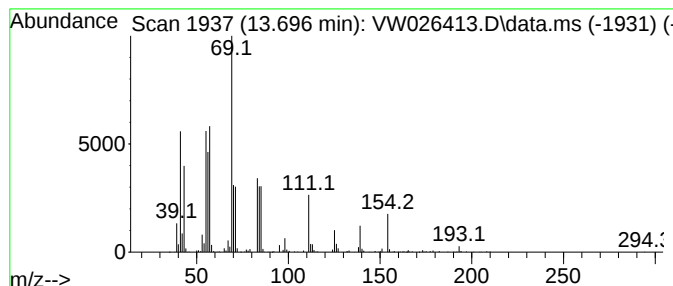
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 1-Octanesulfonyl chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	13.06 ug/L	506639	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanesulfonyl chloride	212	C8H17ClO2S	007795-95-1	53
2			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	53
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
4			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
5			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

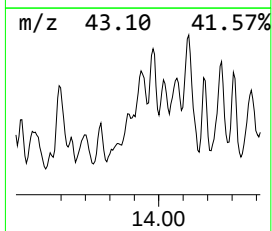
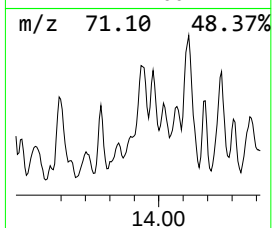
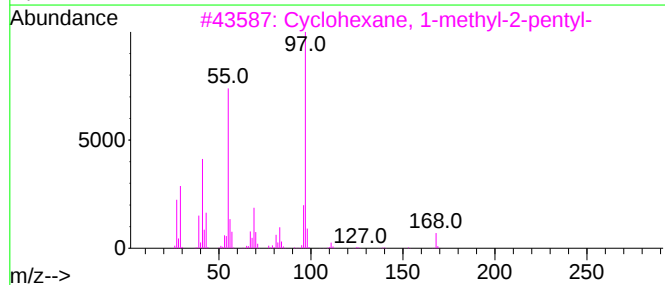
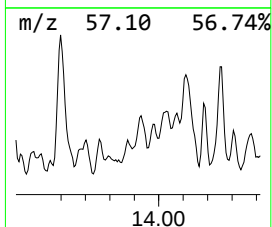
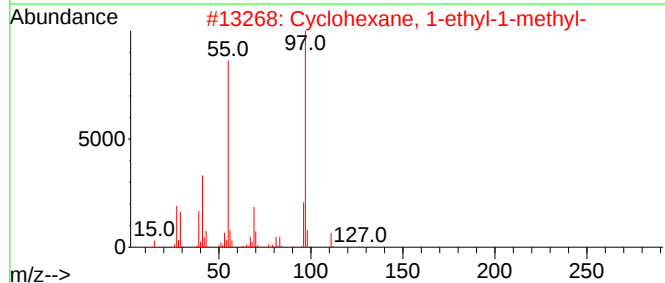
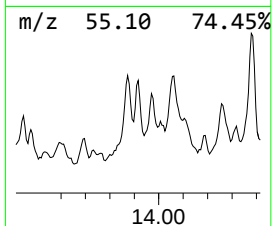
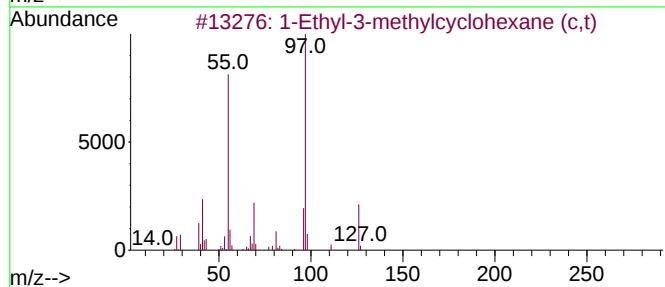
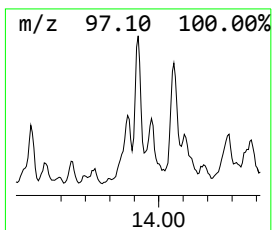
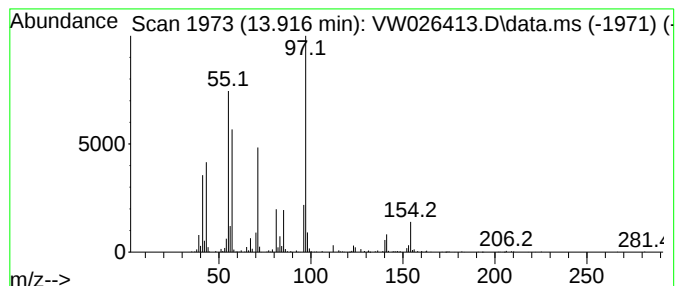
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic13.916 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	11.93 ug/L	462714	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	47
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	47
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

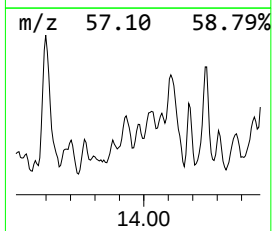
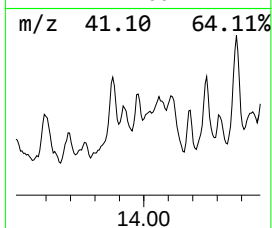
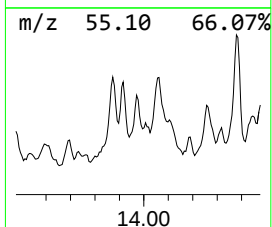
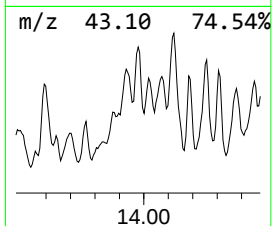
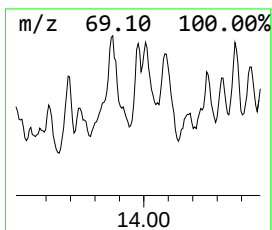
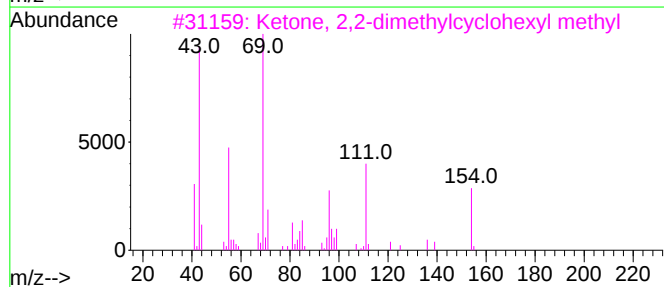
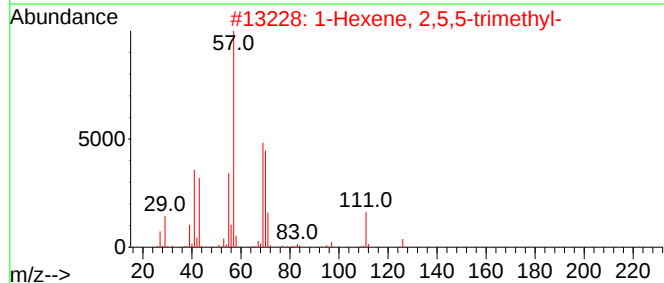
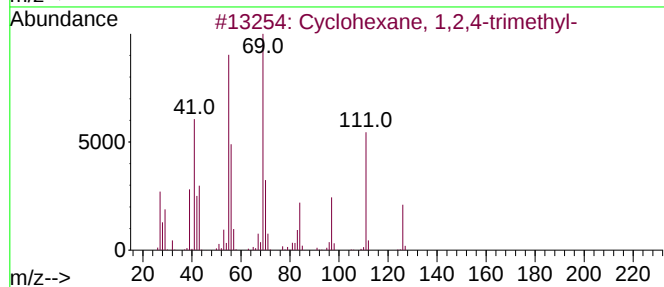
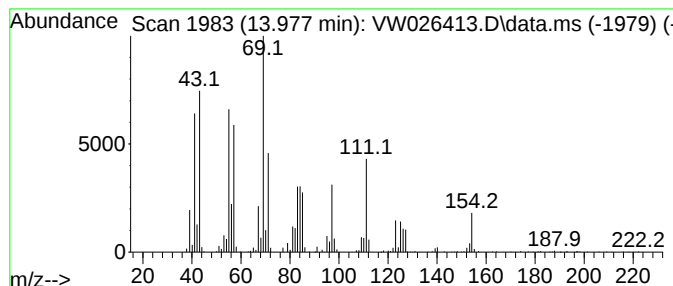
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic13.977 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	13.71 ug/L	531611	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	64
2		1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	52
3		Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	47
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	45
5		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

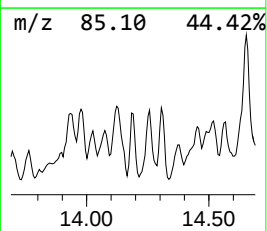
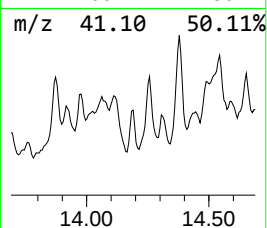
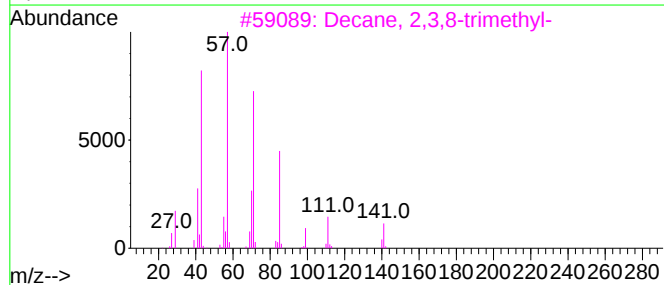
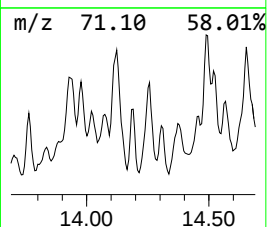
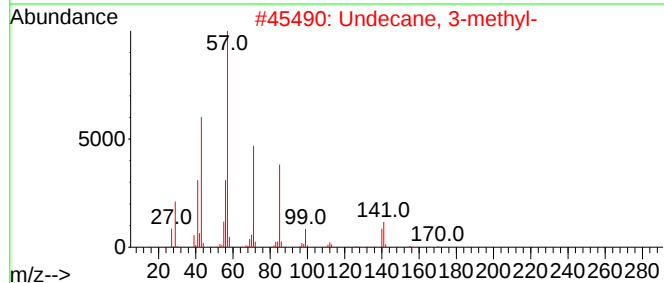
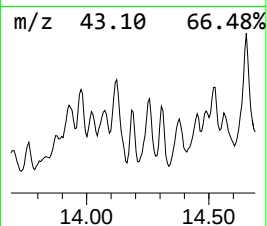
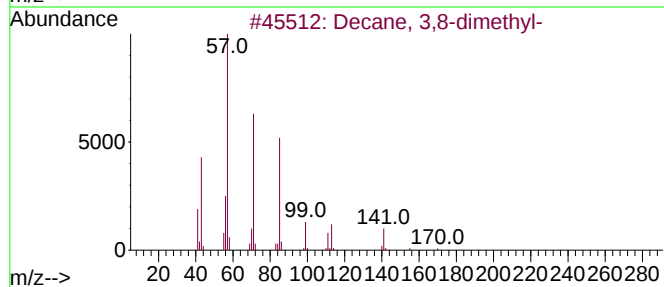
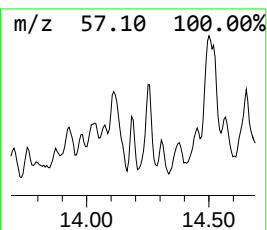
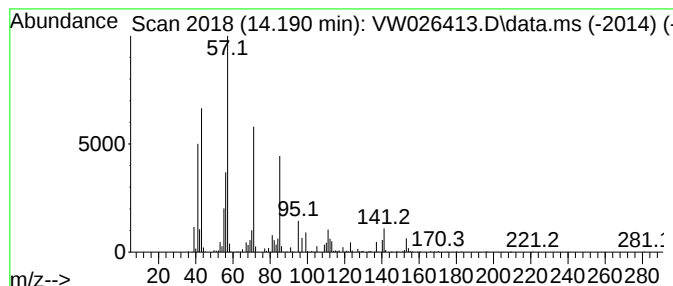
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	12.96 ug/L	502664	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5		1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

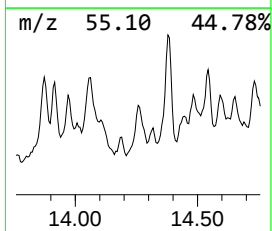
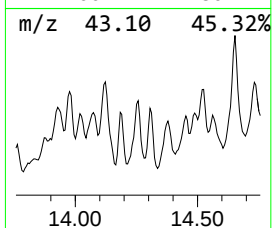
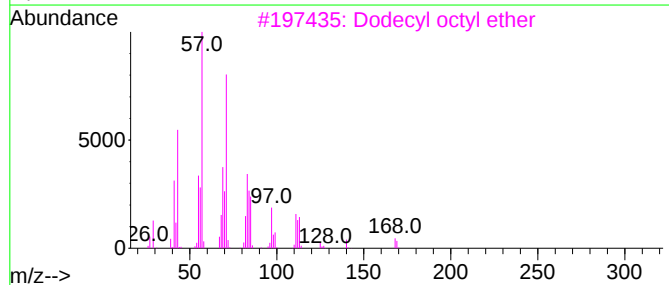
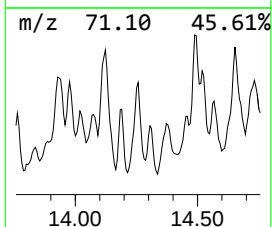
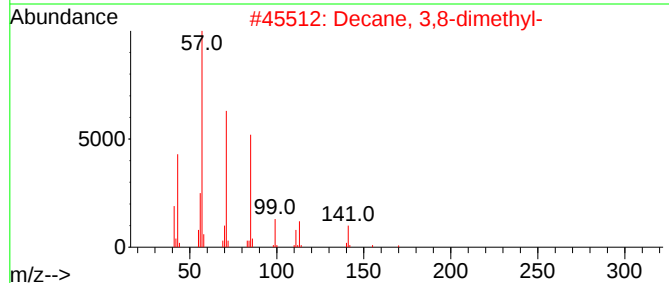
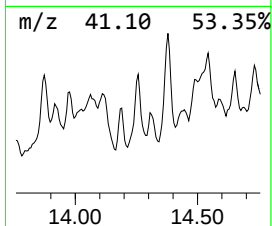
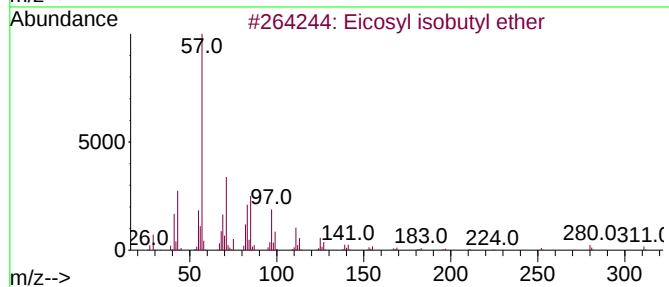
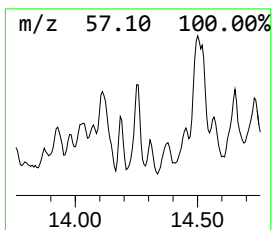
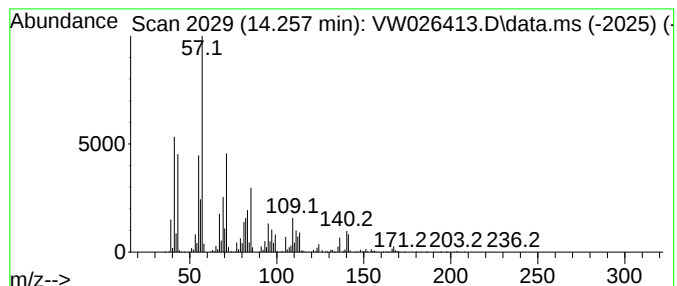
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 Eicosyl isobutyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	25.40 ug/L	985156	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	59
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	55
3			Dodecyl octyl ether	298	C20H42O	1000406-38-4	53
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	53
5			Decyl isobutyl ether	214	C14H30O	1010406-32-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

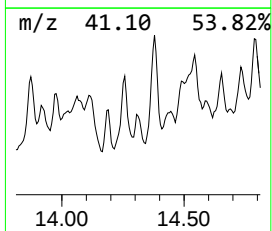
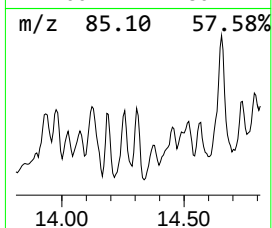
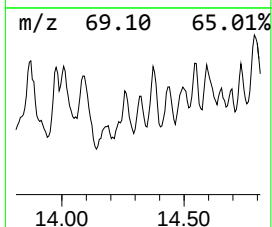
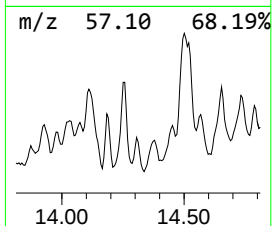
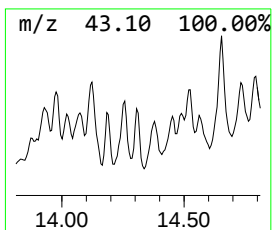
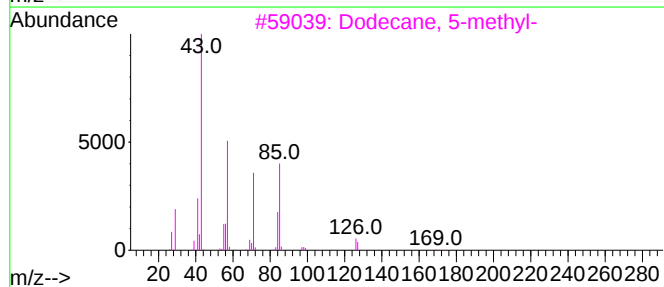
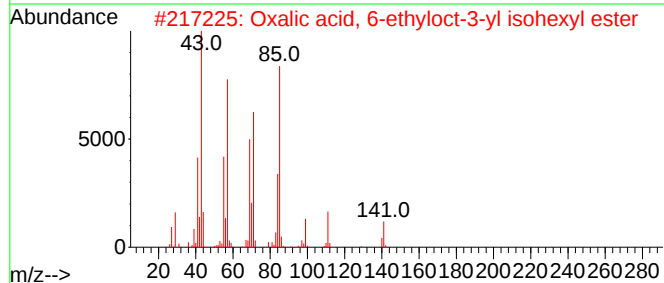
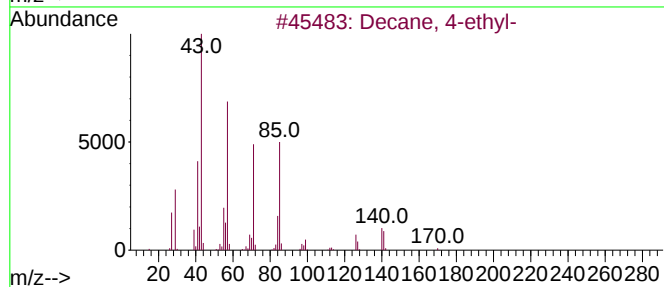
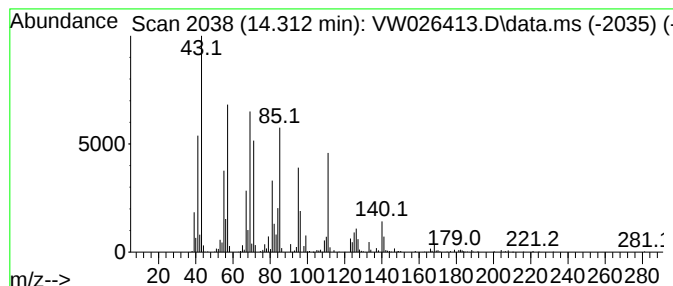
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	8.81 ug/L	341525	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	46
2			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	35
3			Dodecane, 5-methyl-	184	C13H28	017453-93-9	30
4			Succinic acid, tridec-2-yn-1-yl ...	380	C22H36O5	1000390-72-9	27
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

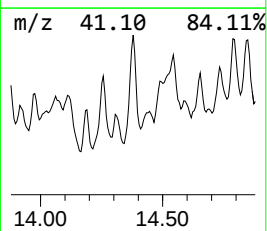
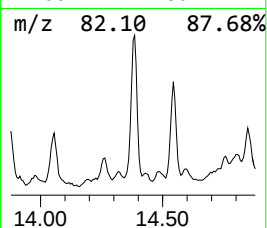
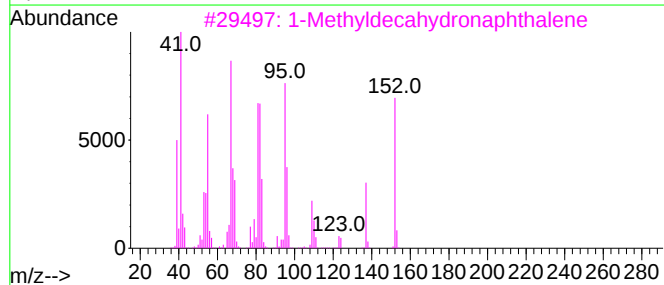
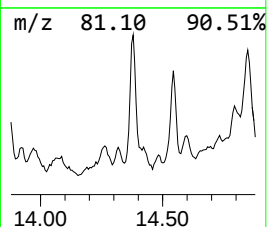
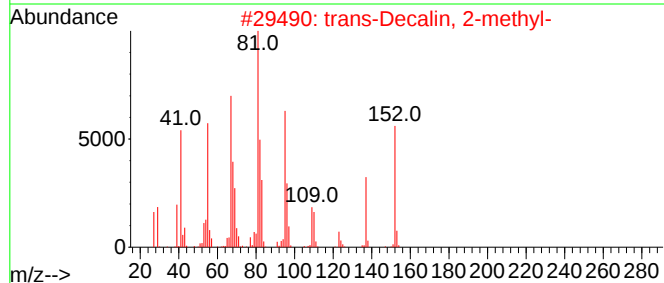
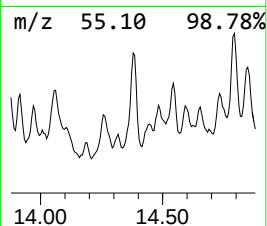
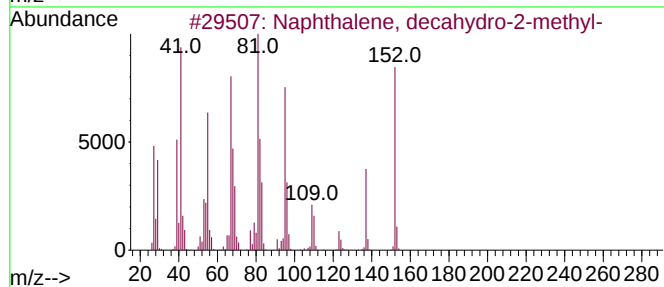
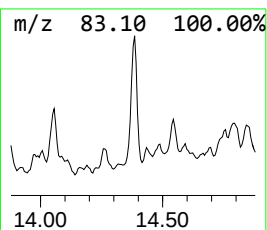
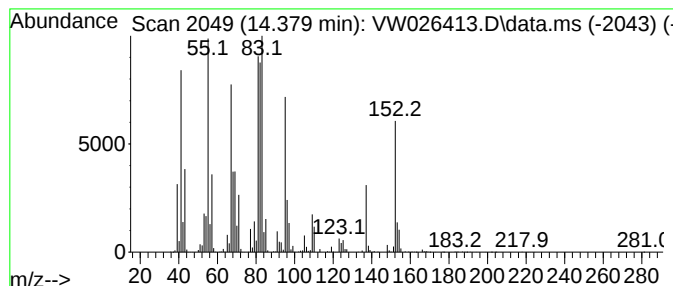
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	54.07 ug/L	2097260	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	97
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	70
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

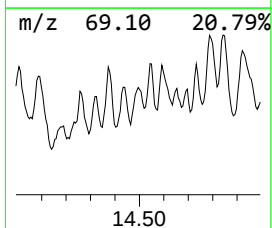
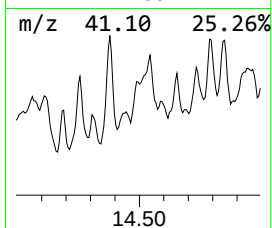
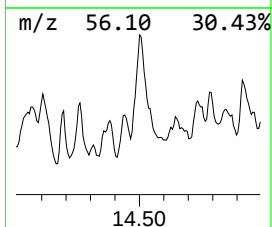
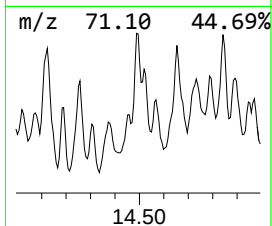
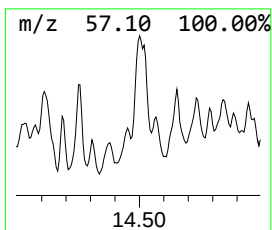
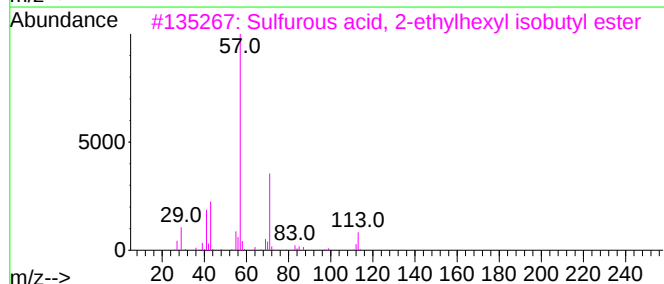
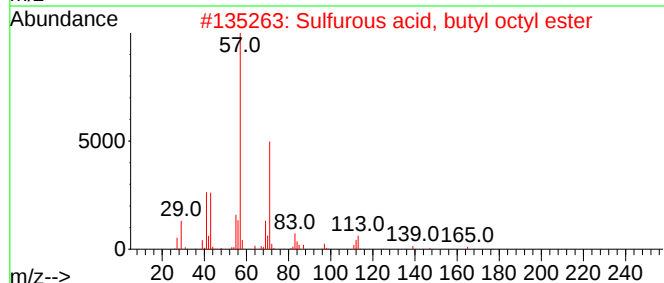
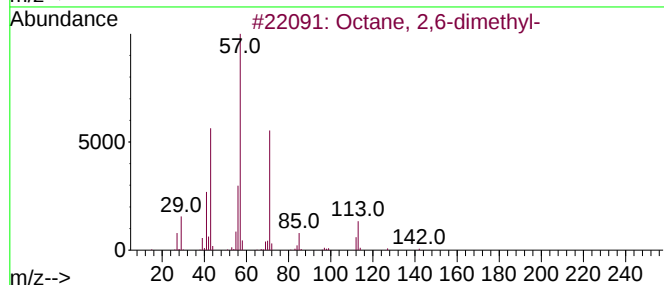
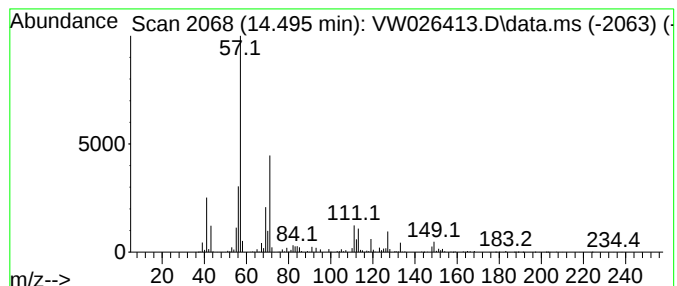
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	20.88 ug/L	809758	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50
3			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	47
4			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

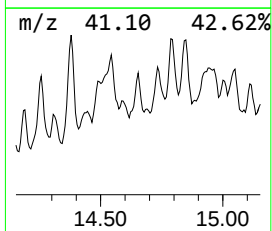
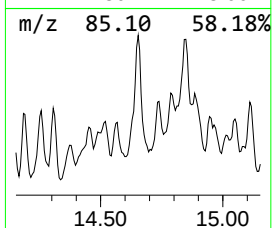
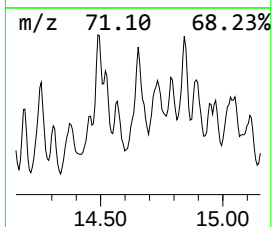
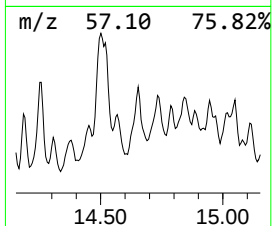
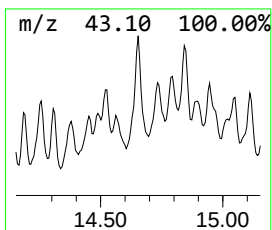
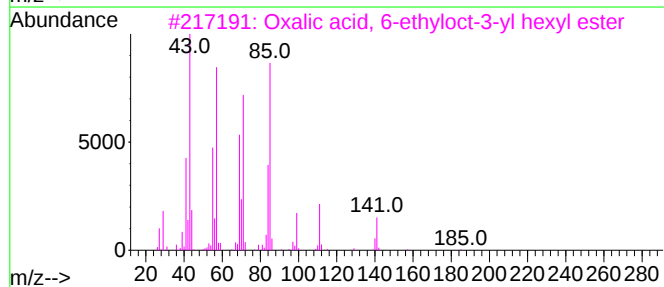
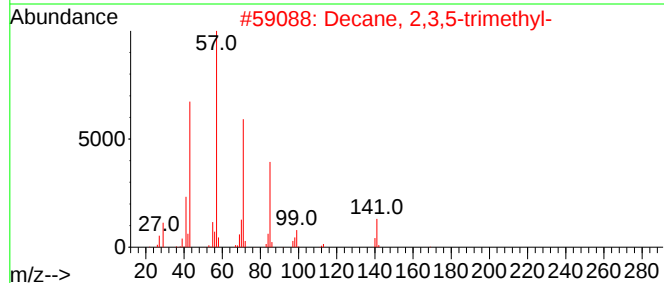
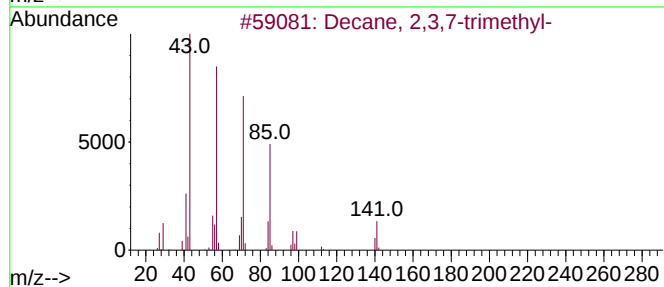
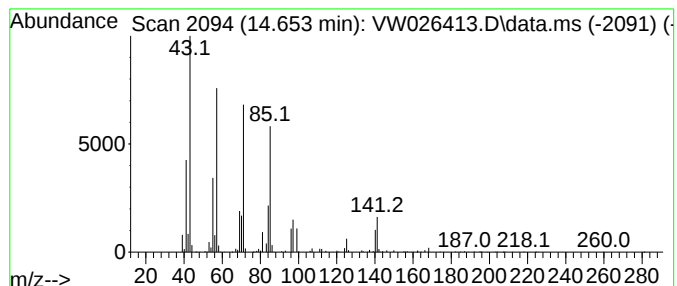
Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.653	11.24 ug/L	436094	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, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
3	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	59
4	Tridecane, 5-methyl-	198	C14H30	025117-31-1	53
5	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW0626413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

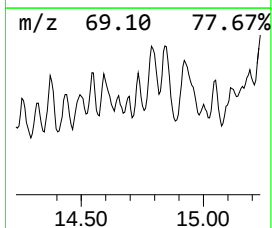
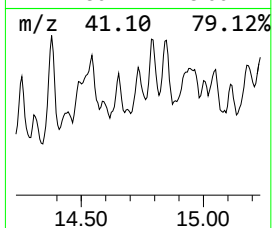
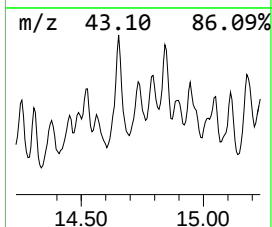
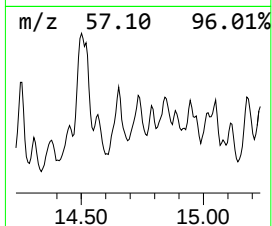
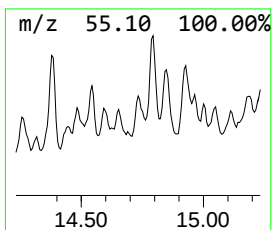
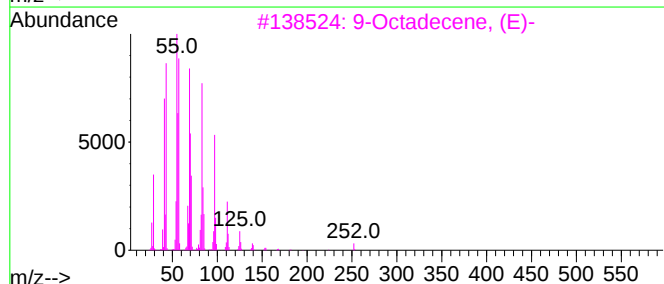
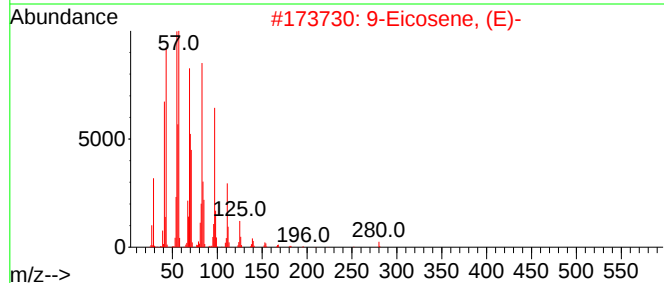
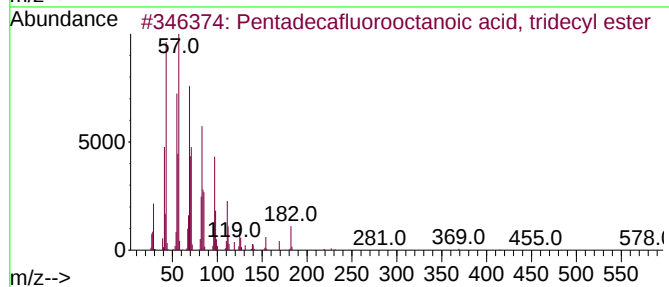
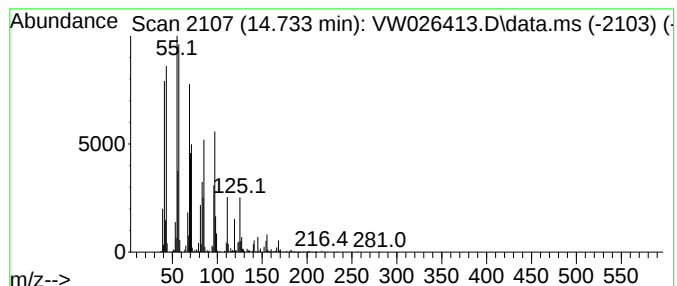
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 Pentadecafluorooctanoic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	20.06 ug/L	777939	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecafluorooctanoic acid, tr...	596	C21H27F15O2	1000406-04-3	72
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	72
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	58
4		Nonane, 2-bromo-5-ethyl-	234	C11H23Br	055162-38-4	52
5		Cyclooctane, methyl-	126	C9H18	001502-38-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

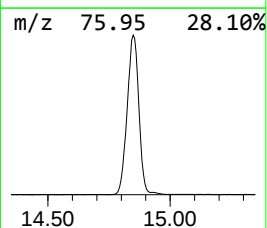
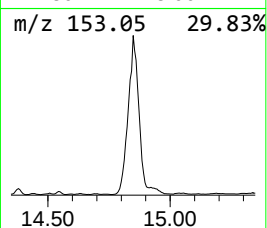
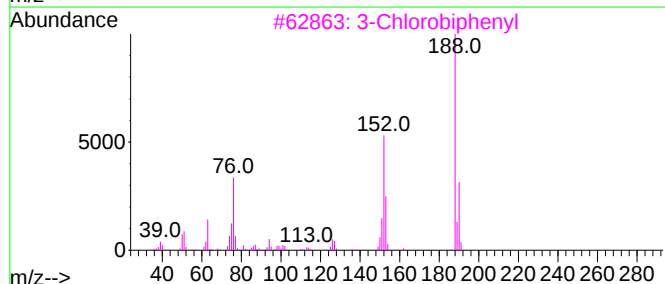
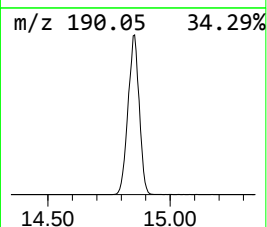
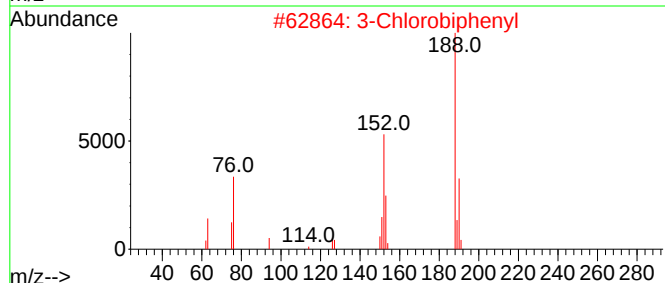
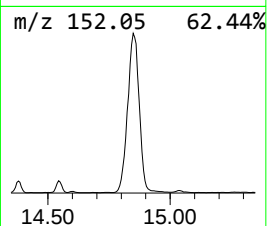
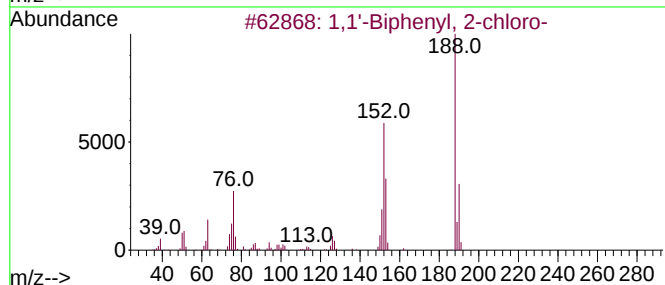
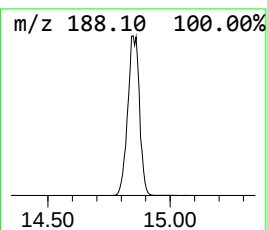
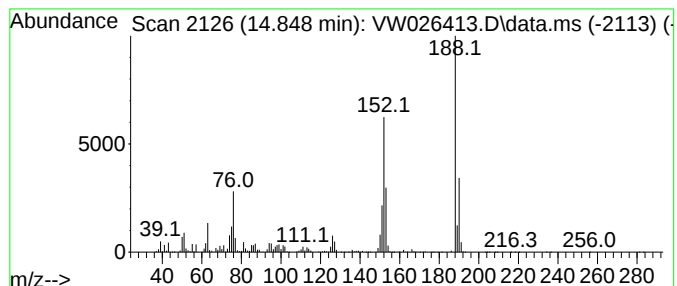
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	509.08 ug/L	19745300	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	99
2	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	98
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	98
4	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	97
5	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

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

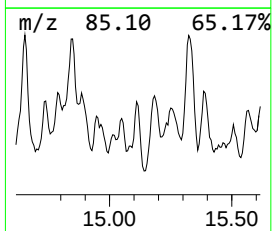
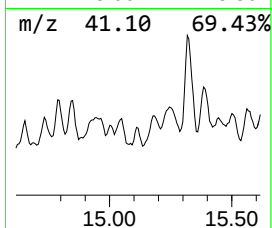
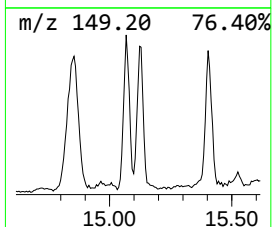
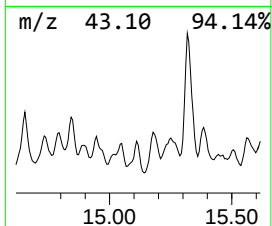
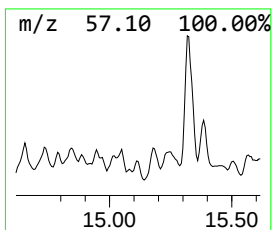
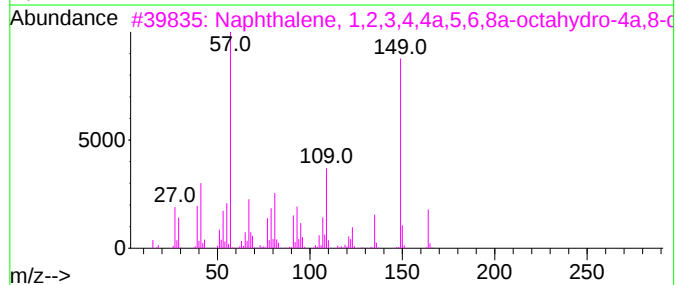
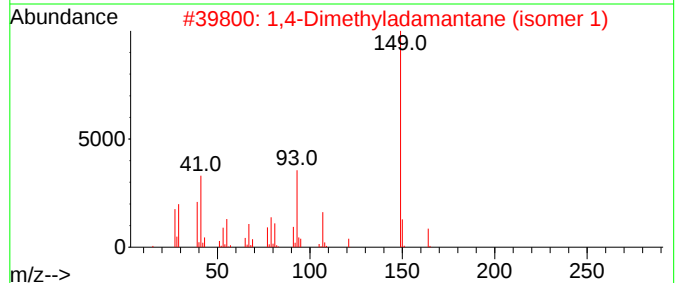
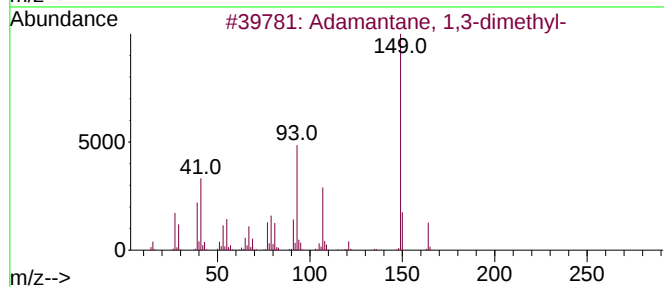
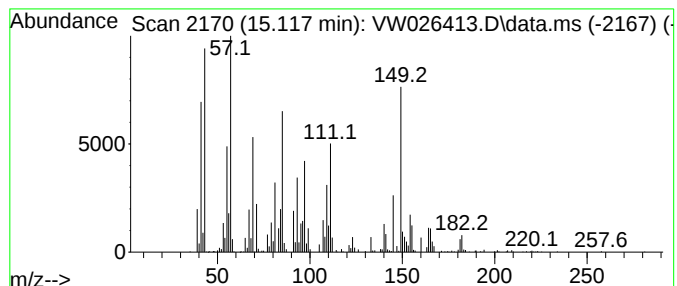
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-02

Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	8.69 ug/L	336943	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	35
2			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	35
3			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	164	C12H20	055976-09-5	30
4			1-Ethyl-6-fluorobenzoimidazole	164	C9H9FN2	1187385-87-0	22
5			Added stereo to name	164	C12H20	024145-88-8	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

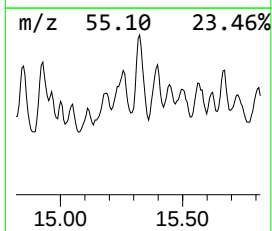
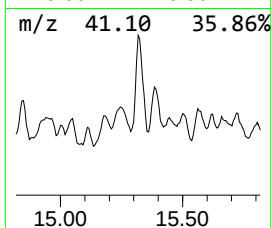
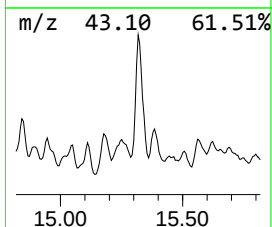
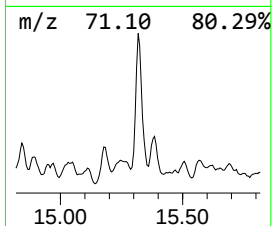
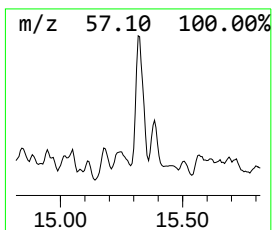
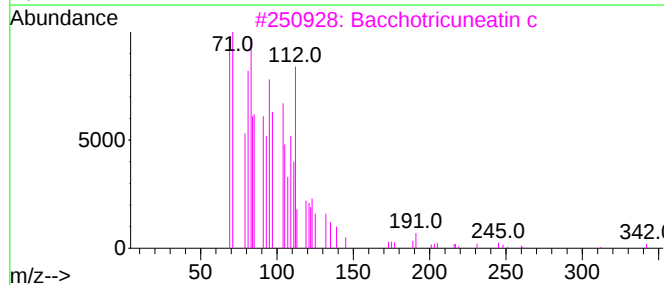
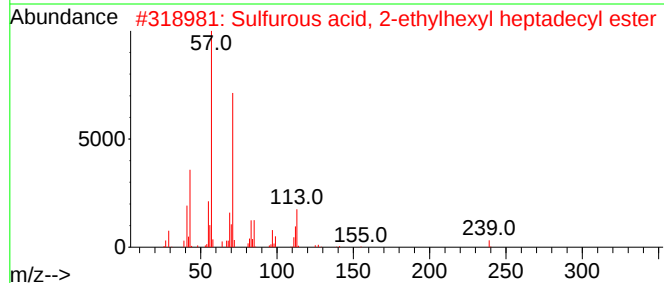
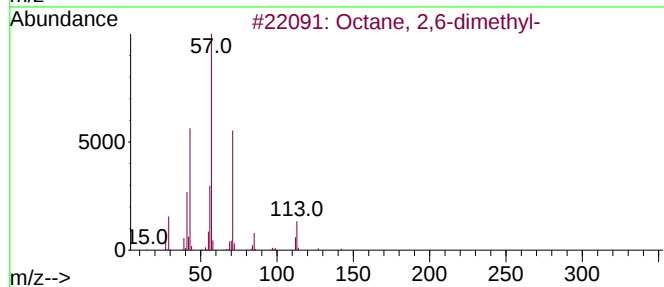
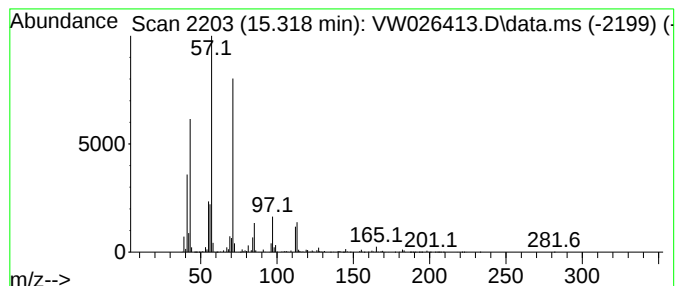
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	72.19 ug/L	2800000	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59
5			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

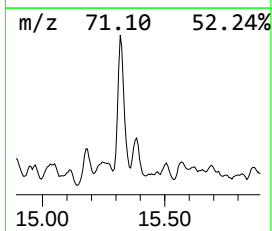
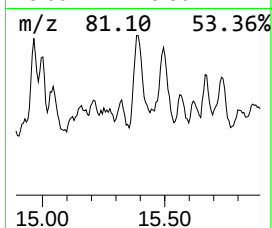
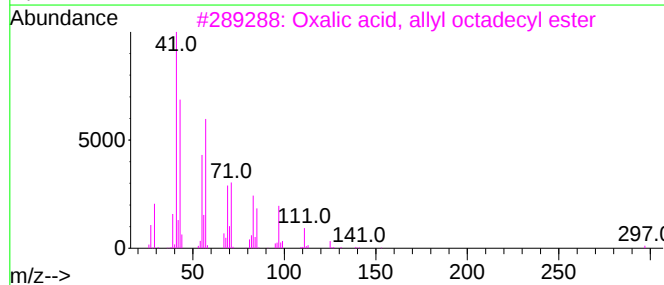
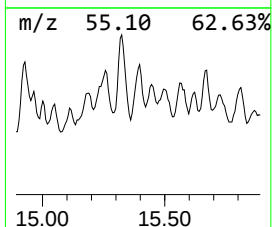
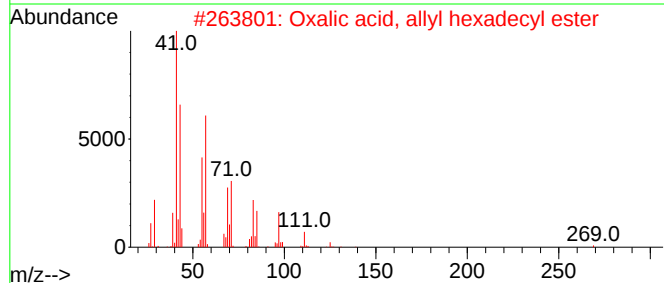
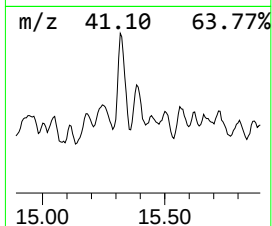
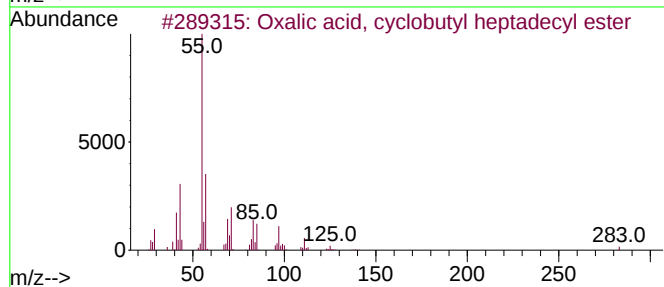
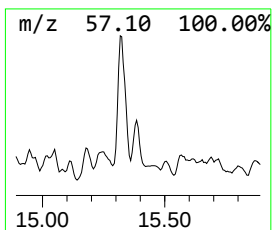
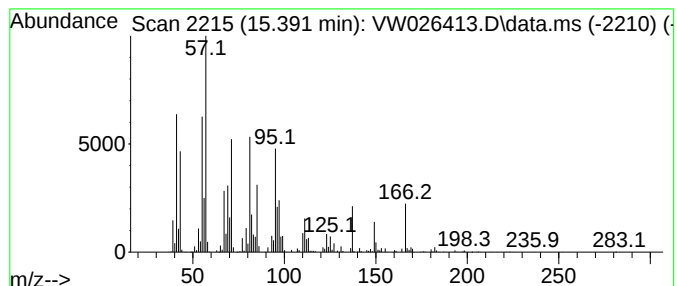
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	39.26 ug/L	1522630	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	35
2			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	35
3			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	30
4			Docosyl isobutyl ether	382	C26H54O	1000406-33-1	25
5			Hexacosyl isobutyl ether	438	C30H62O	1000406-33-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

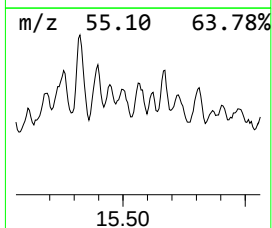
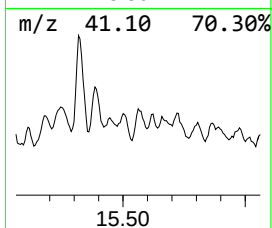
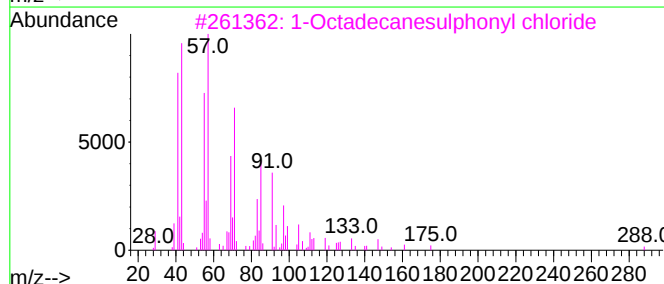
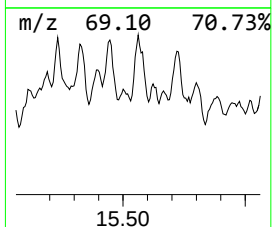
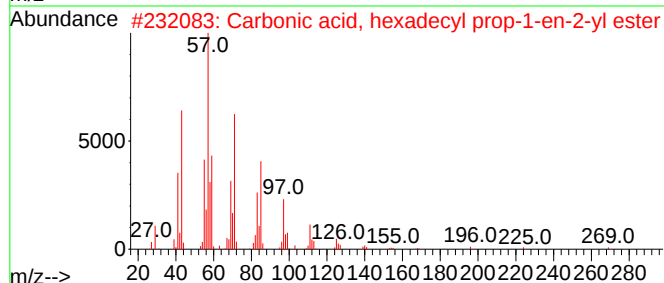
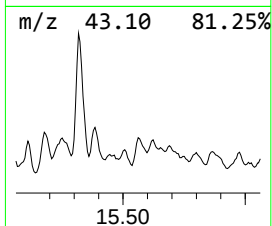
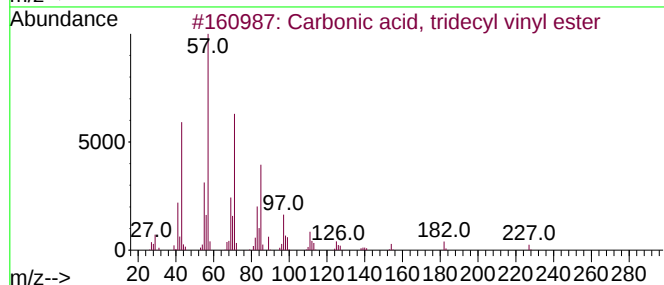
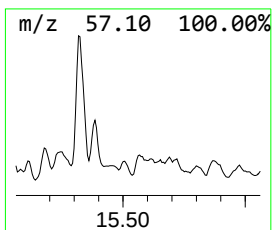
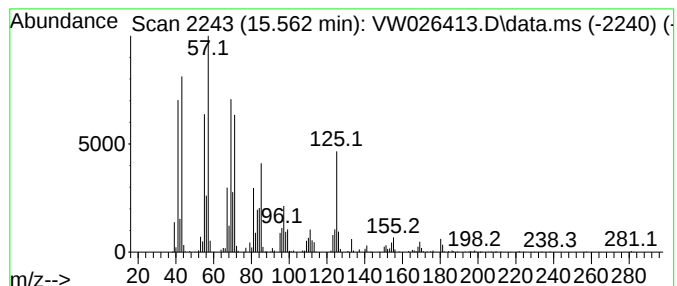
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 Carbonic acid, tridecyl vin... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.562	21.36 ug/L	828313	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	58
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	52
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	52
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026413.D
Acq On : 28 Jun 2023 23:12
Operator : SY/MD
Sample : 03458-13
Misc : 4.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M6

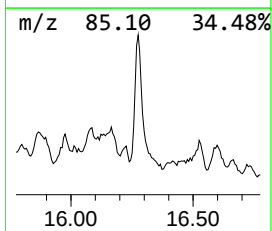
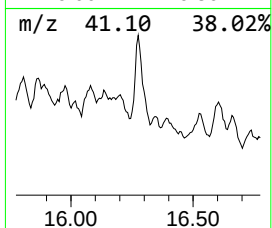
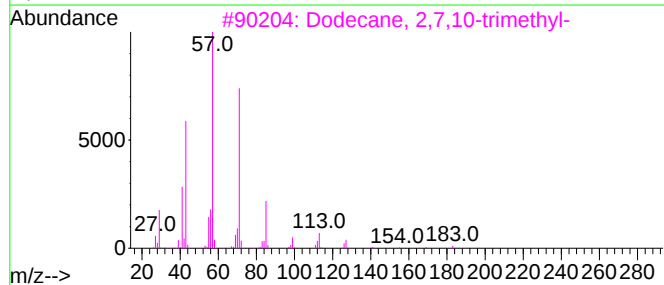
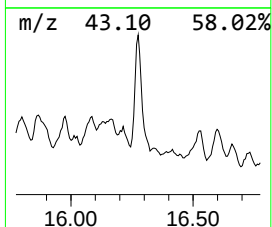
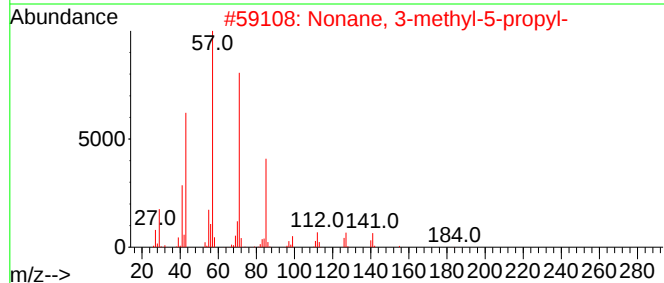
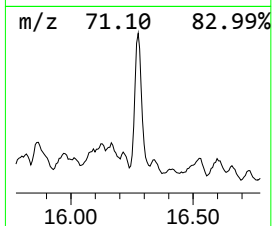
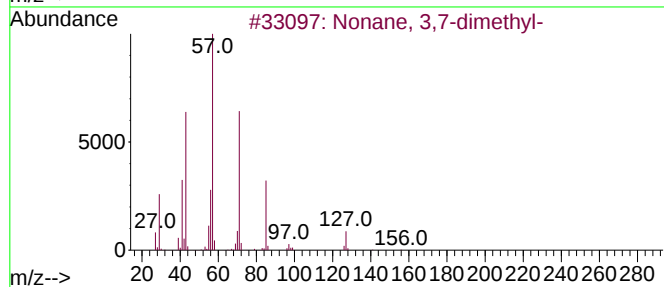
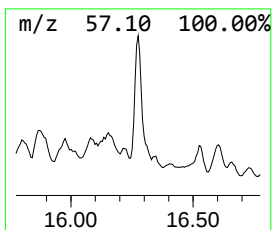
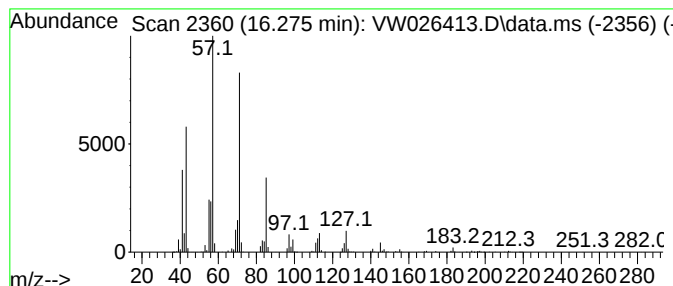
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	41.38 ug/L	1604800	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			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026413.D
 Acq On : 28 Jun 2023 23:12
 Operator : SY/MD
 Sample : 03458-13
 Misc : 4.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46M6

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

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	12.129	3.1	ug/L	272848	2	11.629	2217350	25.0
(DEL) Alkane: S...	12.251	4.1	ug/L	367511	2	11.629	2217350	25.0
(DEL) Alkane: S...	12.361	8.7	ug/L	767451	2	11.629	2217350	25.0
(DEL) Alkane: S...	12.593	3.8	ug/L	335447	2	11.629	2217350	25.0
(DEL) Alkane: S...	12.776	12.5	ug/L	486288	3	13.556	969657	25.0
(DEL) Alkane: C...	12.861	10.9	ug/L	422720	3	13.556	969657	25.0
unknown-01	12.959	43.4	ug/L	1683010	3	13.556	969657	25.0
Oxalic acid, 6-...	13.074	7.2	ug/L	280910	3	13.556	969657	25.0
5-Octen-4-one, ...	13.123	6.9	ug/L	267174	3	13.556	969657	25.0
(DEL) Alkane: S...	13.190	11.7	ug/L	453518	3	13.556	969657	25.0
(DEL) Alkane: S...	13.288	23.2	ug/L	901180	3	13.556	969657	25.0
(DEL) Alkane: S...	13.336	6.5	ug/L	252340	3	13.556	969657	25.0
(DEL) Alkane: C...	13.379	2.4	ug/L	94387	3	13.556	969657	25.0
(DEL) Alkane: S...	13.410	8.8	ug/L	341204	3	13.556	969657	25.0
1-Hexacosanol	13.477	5.4	ug/L	208228	3	13.556	969657	25.0
1-Octanesulfony...	13.696	13.1	ug/L	506639	3	13.556	969657	25.0
(DEL) Alkane: C...	13.916	11.9	ug/L	462714	3	13.556	969657	25.0
(DEL) Alkane: C...	13.977	13.7	ug/L	531611	3	13.556	969657	25.0
(DEL) Alkane: S...	14.190	13.0	ug/L	502664	3	13.556	969657	25.0
Eicosyl isobuty...	14.257	25.4	ug/L	985156	3	13.556	969657	25.0
(DEL) Alkane: S...	14.312	8.8	ug/L	341525	3	13.556	969657	25.0
Naphthalene, de...	14.379	54.1	ug/L	2097260	3	13.556	969657	25.0
(DEL) Alkane: S...	14.495	20.9	ug/L	809758	3	13.556	969657	25.0
(DEL) Alkane: S...	14.653	11.2	ug/L	436094	3	13.556	969657	25.0
Pentadecafluoro...	14.733	20.1	ug/L	777939	3	13.556	969657	25.0
1,1'-Biphenyl, ...	14.848	509.1	ug/L	19745300	3	13.556	969657	25.0
unknown-02	15.117	8.7	ug/L	336943	3	13.556	969657	25.0
(DEL) Alkane: S...	15.318	72.2	ug/L	2800000	3	13.556	969657	25.0
unknown-03	15.391	39.3	ug/L	1522630	3	13.556	969657	25.0
Carbonic acid, ...	15.562	21.4	ug/L	828313	3	13.556	969657	25.0
(DEL) Alkane: S...	16.275	41.4	ug/L	1604800	3	13.556	969657	25.0