

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030270.D
 Acq On : 26 Sep 2024 19:44
 Operator : SY/MD
 Sample : P4183-15
 Misc : 5.14g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EL8

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\SFAMWLM092624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030270.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	44	rBV2	976	1323	0.13%	0.015%
2	2.363	68	78	93	rBV	29846	81431	8.08%	0.917%
3	2.570	110	112	114	rBV3	399	392	0.04%	0.004%
4	2.619	118	120	121	rBV2	422	351	0.03%	0.004%
5	2.698	131	133	135	rBV	619	451	0.04%	0.005%
6	2.759	140	143	145	rVB2	476	489	0.05%	0.006%
7	2.777	145	146	147	rBV	488	288	0.03%	0.003%
8	2.814	147	152	157	rBV	2031	4442	0.44%	0.050%
9	2.899	158	166	180	rVV	23665	73663	7.31%	0.829%
10	3.308	230	233	235	rVB2	521	481	0.05%	0.005%
11	3.393	237	247	252	rBV6	1151	2607	0.26%	0.029%
12	3.722	296	301	304	rBV3	337	606	0.06%	0.007%
13	3.747	304	305	310	rVB2	355	377	0.04%	0.004%
14	3.875	325	326	329	rBV2	240	227	0.02%	0.003%
15	3.911	329	332	335	rVB2	343	465	0.05%	0.005%
16	4.021	339	350	360	rBV	76656	238128	23.63%	2.680%
17	4.118	362	366	380	rVB	19406	53292	5.29%	0.600%
18	4.387	402	410	419	rVV3	2555	7729	0.77%	0.087%
19	4.685	452	459	466	rVV2	970	2506	0.25%	0.028%
20	4.917	486	497	509	rBV2	4145	15767	1.56%	0.177%
21	5.100	524	527	528	rBV3	372	299	0.03%	0.003%
22	5.124	528	531	532	rVV2	302	314	0.03%	0.004%
23	5.344	563	567	569	rVB2	192	302	0.03%	0.003%
24	5.466	585	587	591	rVB2	223	334	0.03%	0.004%
25	5.783	631	639	642	rBV2	637	1489	0.15%	0.017%
26	5.947	657	666	674	rVV4	2769	7939	0.79%	0.089%
27	6.222	709	711	714	rBV2	202	258	0.03%	0.003%
28	6.252	714	716	719	rVB2	235	257	0.03%	0.003%
29	6.959	829	832	833	rBV2	223	254	0.03%	0.003%
30	7.081	842	852	859	rBV	21083	58203	5.78%	0.655%
31	7.173	863	867	880	rVV	9303	24275	2.41%	0.273%
32	7.435	906	910	911	rBV2	298	274	0.03%	0.003%
33	7.502	918	921	924	rBV2	259	357	0.04%	0.004%
34	7.648	933	945	958	rBV	148877	363270	36.05%	4.089%
35	7.941	991	993	994	rVV	327	228	0.02%	0.003%
36	7.965	994	997	999	rVB2	562	527	0.05%	0.006%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030270.D
 Acq On : 26 Sep 2024 19:44
 Operator : SY/MD
 Sample : P4183-15
 Misc : 5.14g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EL8

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\SFAMWLM092624SMA.M
 Title : SFAM01.0

37	8.032	1004	1008	1013	rVB3	379	655	0.07%	0.007%
38	8.148	1024	1027	1036	rVB3	922	1829	0.18%	0.021%
39	8.276	1036	1048	1064	rBV2	286155	817271	81.11%	9.199%
40	8.477	1078	1081	1086	rVB5	410	761	0.08%	0.009%
41	8.581	1090	1098	1105	rVB4	905	2318	0.23%	0.026%
42	8.697	1113	1117	1122	rBV3	705	1345	0.13%	0.015%
43	8.843	1132	1141	1152	rBV	515303	1007624	100.00%	11.341%
44	9.069	1172	1178	1180	rBV5	958	1534	0.15%	0.017%
45	9.130	1185	1188	1189	rBV	265	259	0.03%	0.003%
46	9.276	1203	1212	1219	rBV	191334	393743	39.08%	4.432%
47	9.386	1227	1230	1234	rVB3	1852	2892	0.29%	0.033%
48	9.508	1247	1250	1251	rBV	282	296	0.03%	0.003%
49	9.605	1258	1266	1273	rVB5	2633	6102	0.61%	0.069%
50	9.660	1273	1275	1276	rBV2	817	576	0.06%	0.006%
51	9.745	1283	1289	1296	rBV3	3846	7797	0.77%	0.088%
52	9.898	1307	1314	1318	rBV4	2278	4655	0.46%	0.052%
53	9.953	1318	1323	1325	rVV3	1280	2258	0.22%	0.025%
54	9.983	1326	1328	1329	rVV2	1288	1097	0.11%	0.012%
55	10.032	1330	1336	1349	rVV	76425	146402	14.53%	1.648%
56	10.123	1349	1351	1359	rVB3	2930	4897	0.49%	0.055%
57	10.215	1359	1366	1367	rBV4	1326	2424	0.24%	0.027%
58	10.319	1376	1383	1399	rBV	345269	633853	62.91%	7.134%
59	10.440	1399	1403	1406	rBV4	1505	1964	0.19%	0.022%
60	10.501	1406	1413	1420	rVB6	5401	12192	1.21%	0.137%
61	10.575	1420	1425	1431	rBV	42216	76078	7.55%	0.856%
62	10.660	1436	1439	1443	rVB2	5321	7423	0.74%	0.084%
63	10.757	1449	1455	1459	rBV7	4124	8126	0.81%	0.091%
64	10.800	1460	1462	1465	rVV3	2691	3254	0.32%	0.037%
65	10.843	1465	1469	1474	rVB4	4851	8649	0.86%	0.097%
66	10.922	1474	1482	1491	rBV2	93405	172175	17.09%	1.938%
67	11.032	1495	1500	1508	rVV3	9368	20939	2.08%	0.236%
68	11.105	1508	1512	1516	rVV3	5427	9535	0.95%	0.107%
69	11.178	1520	1524	1527	rVV2	10147	17537	1.74%	0.197%
70	11.227	1527	1532	1538	rVV	38917	72067	7.15%	0.811%
71	11.282	1538	1541	1544	rVV3	4798	7704	0.76%	0.087%
72	11.331	1544	1549	1554	rVV2	18383	35764	3.55%	0.403%
73	11.379	1554	1557	1561	rVV2	8853	14623	1.45%	0.165%
74	11.434	1561	1566	1573	rVB2	18617	34098	3.38%	0.384%
75	11.507	1573	1578	1582	rBV2	8032	13806	1.37%	0.155%
76	11.629	1590	1598	1608	rBV	517417	882799	87.61%	9.936%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030270.D
 Acq On : 26 Sep 2024 19:44
 Operator : SY/MD
 Sample : P4183-15
 Misc : 5.14g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EL8

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\SFAMWLM092624SMA.M
 Title : SFAM01.0

77	11.763	1615	1620	1623	rBV3	11763	18768	1.86%	0.211%
78	11.812	1623	1628	1633	rBV5	13297	24668	2.45%	0.278%
79	11.867	1633	1637	1641	rBV2	26240	44896	4.46%	0.505%
80	11.971	1649	1654	1662	rBV4	13640	37789	3.75%	0.425%
81	12.050	1664	1667	1673	rVB3	9740	18394	1.83%	0.207%
82	12.135	1673	1681	1687	rBV4	48497	116449	11.56%	1.311%
83	12.245	1692	1699	1704	rVB	58708	111463	11.06%	1.255%
84	12.355	1704	1717	1725	rBV3	104479	341393	33.88%	3.843%
85	12.611	1755	1759	1764	rVB5	22768	40735	4.04%	0.458%
86	12.690	1765	1772	1777	rBV	121365	234645	23.29%	2.641%
87	12.775	1782	1786	1792	rVB	109295	185883	18.45%	2.092%
88	12.855	1792	1799	1804	rBV4	48124	117296	11.64%	1.320%
89	12.934	1805	1812	1818	rBV6	86778	251195	24.93%	2.827%
90	13.074	1831	1835	1839	rBV3	42688	57706	5.73%	0.650%
91	13.123	1839	1843	1845	rBV3	24783	38582	3.83%	0.434%
92	13.159	1846	1849	1862	rVB6	55495	146675	14.56%	1.651%
93	13.257	1862	1865	1867	rBV3	25410	36720	3.64%	0.413%
94	13.288	1867	1870	1874	rVB2	36084	48933	4.86%	0.551%
95	13.556	1909	1914	1922	rVB	232974	371072	36.83%	4.177%
96	13.690	1933	1936	1941	rVB3	51764	77933	7.73%	0.877%
97	13.867	1958	1965	1970	rBV3	147531	397912	39.49%	4.479%
98	14.379	2045	2049	2054	rVB2	130837	193078	19.16%	2.173%
99	15.318	2199	2203	2210	rVB	211142	346653	34.40%	3.902%
100	16.269	2355	2359	2368	rVB	121231	242772	24.09%	2.733%

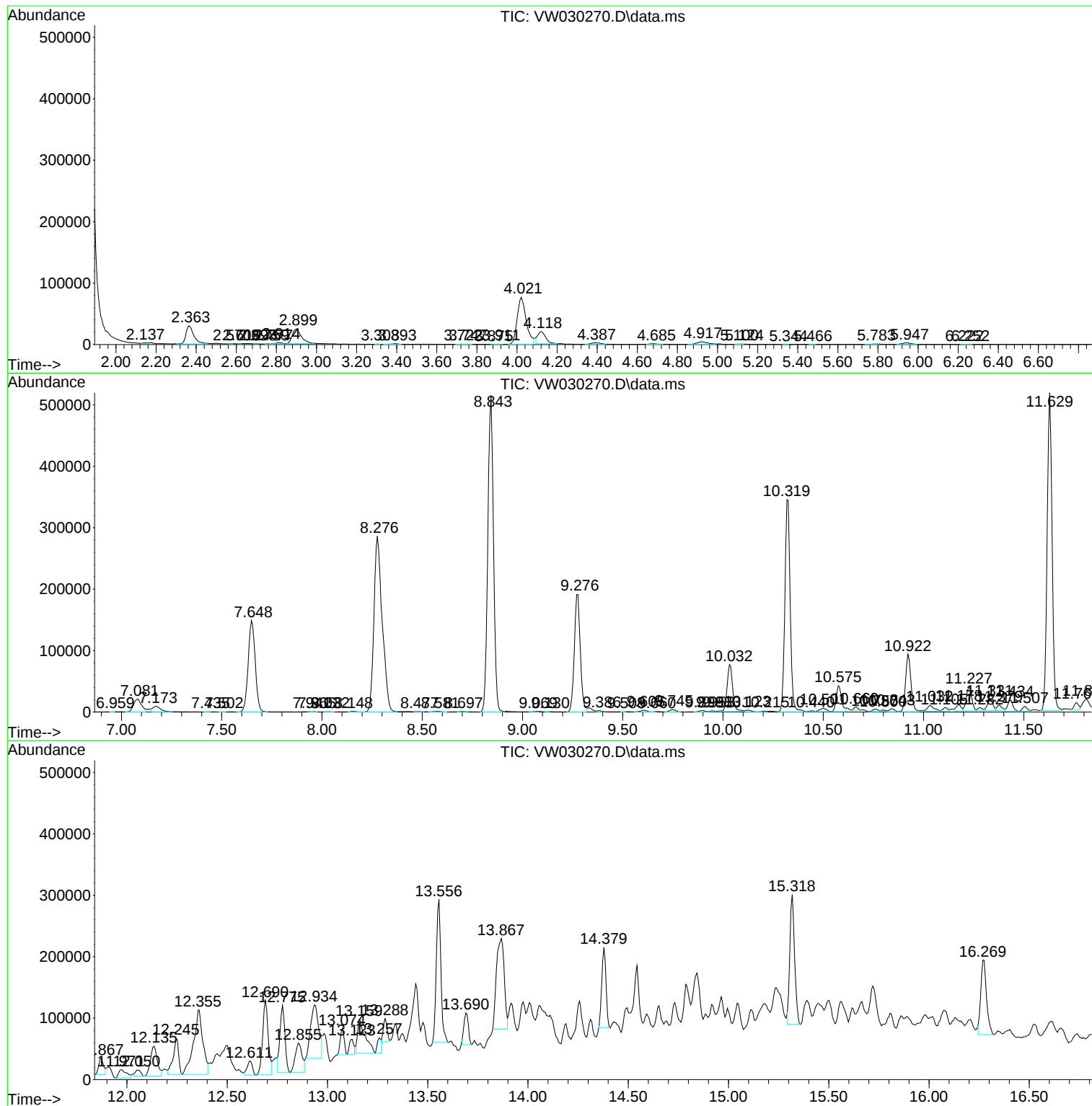
Sum of corrected areas: 8884526

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

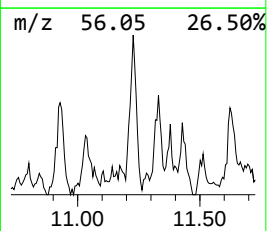
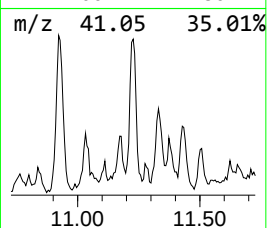
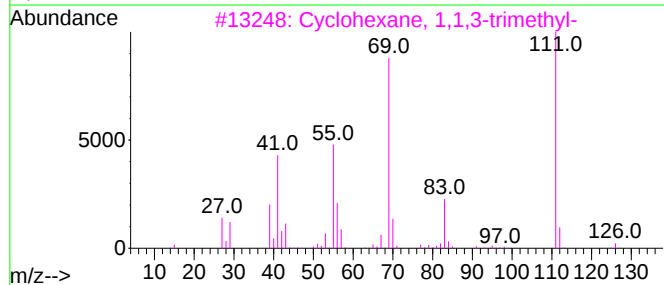
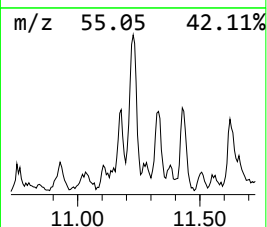
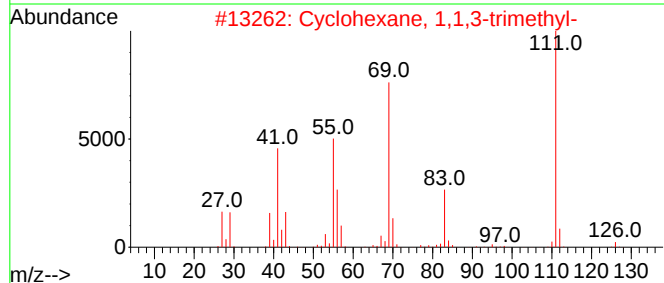
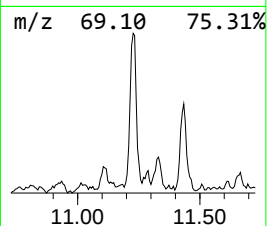
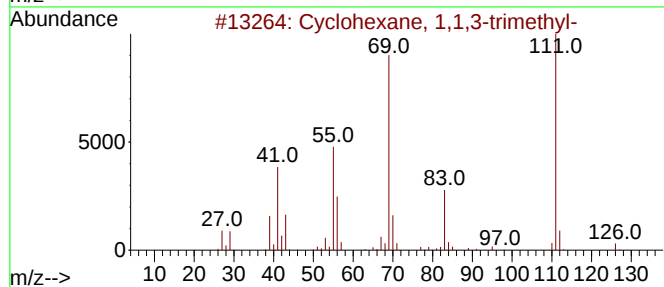
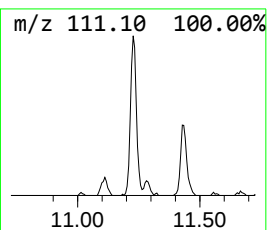
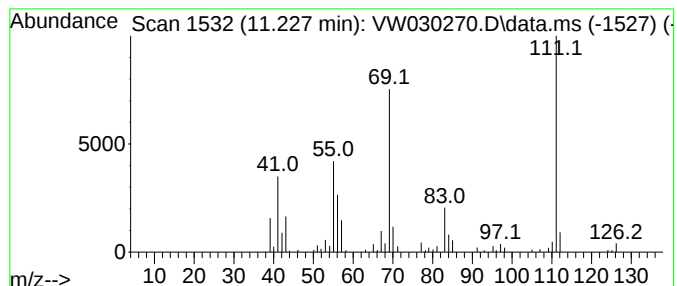
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic11.227 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.04 ug/L	72067	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

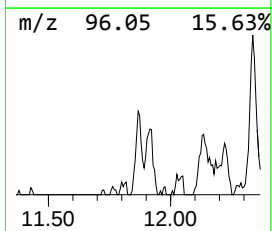
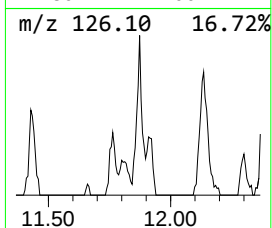
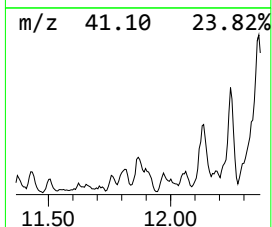
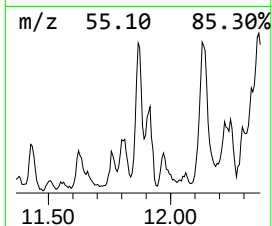
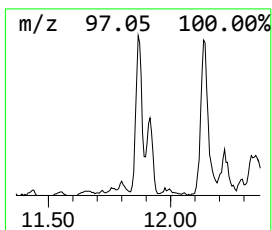
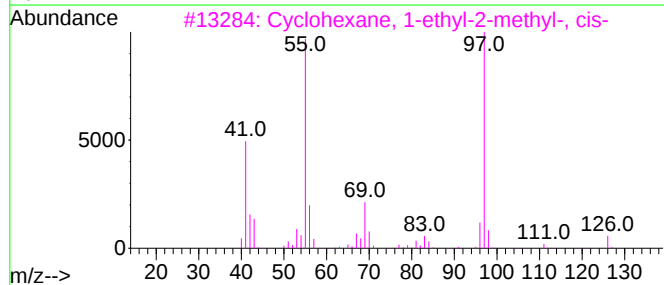
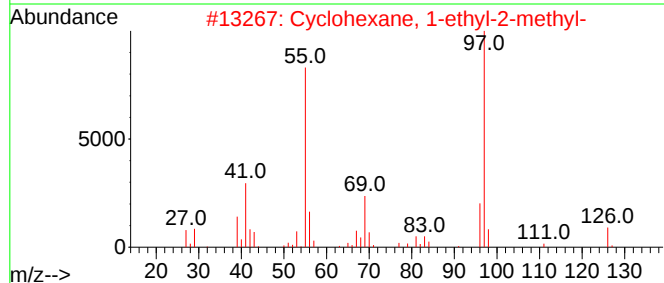
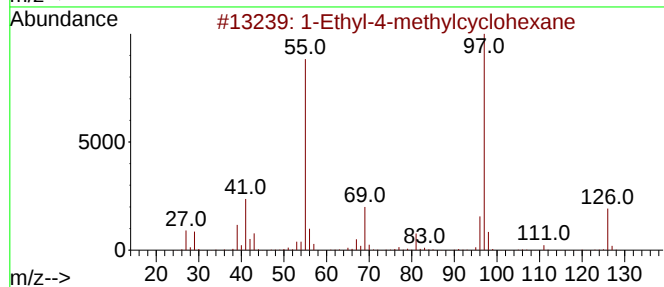
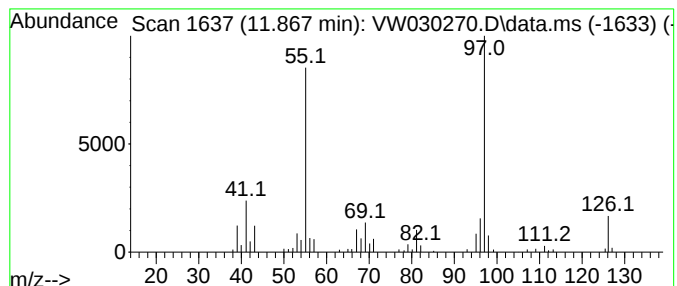
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.867 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.867	1.27 ug/L	44896	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

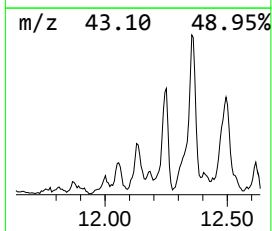
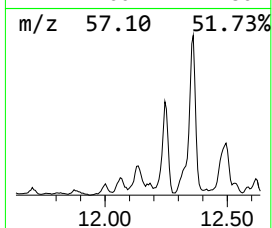
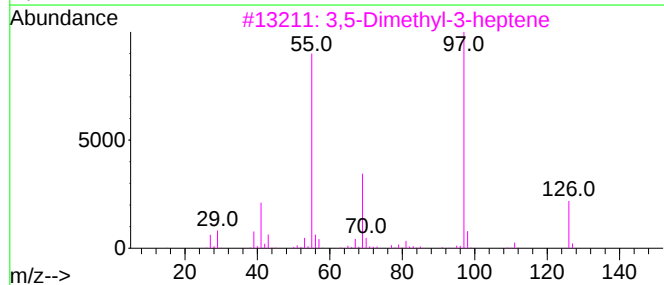
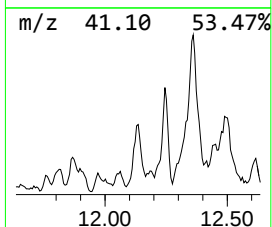
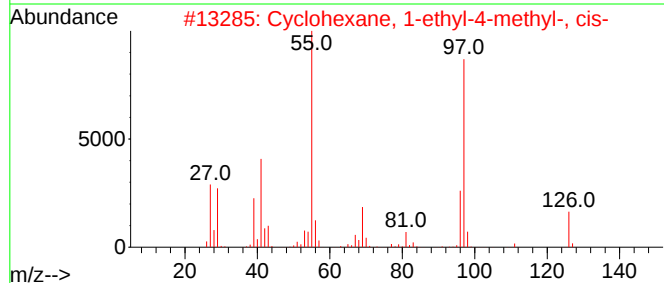
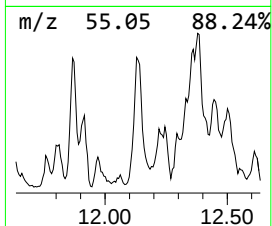
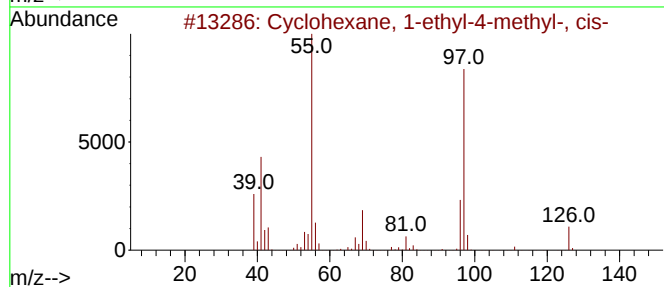
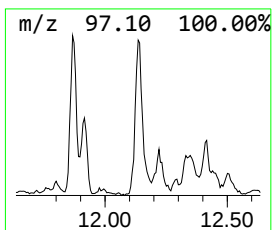
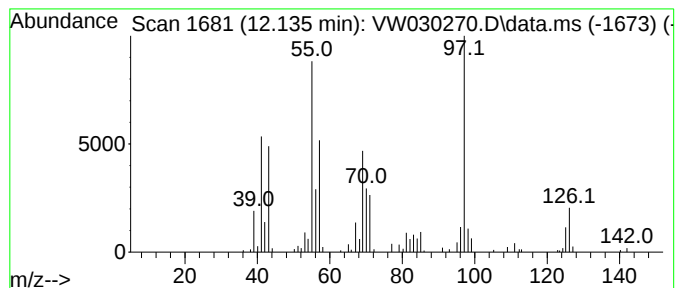
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.135 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	3.30 ug/L	116449	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

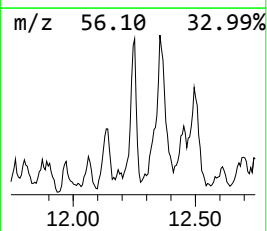
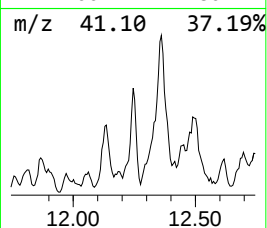
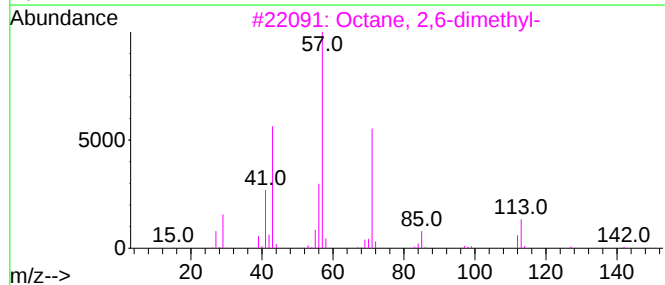
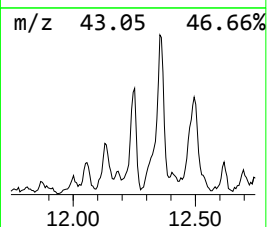
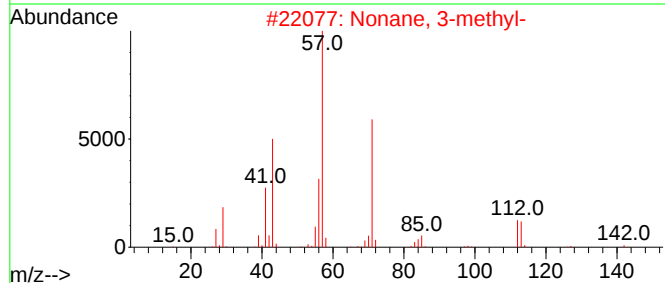
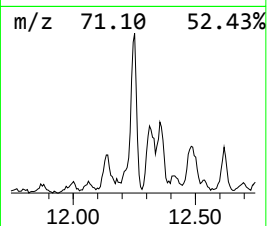
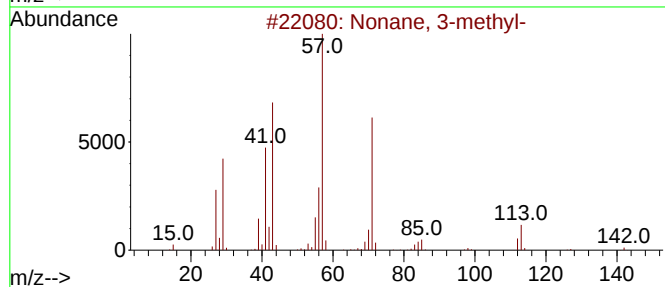
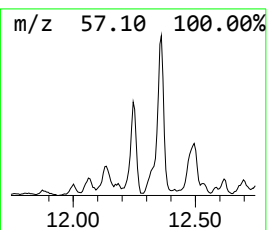
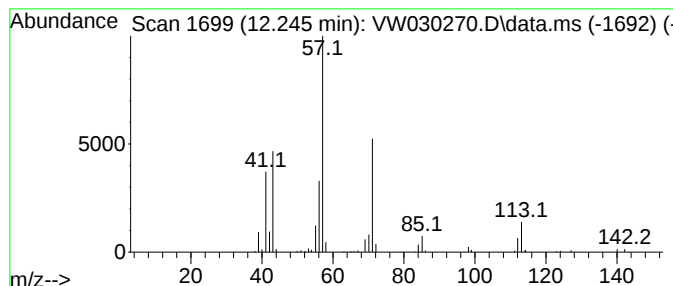
Instrument :
MSVOA_W
ClientSampleId :
A4EL8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.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 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.245	3.16 ug/L	111463	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	94
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

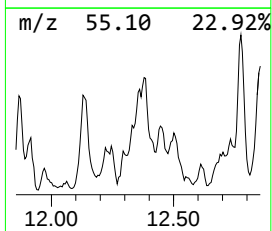
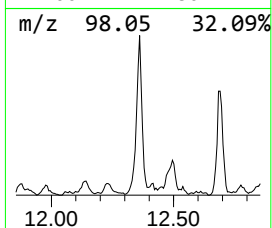
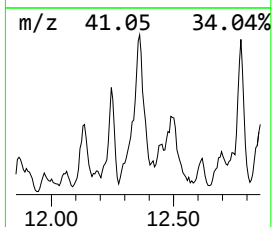
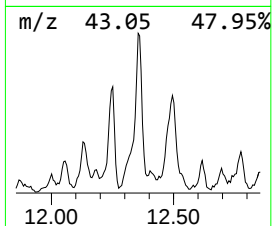
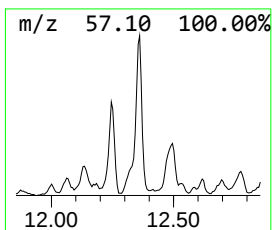
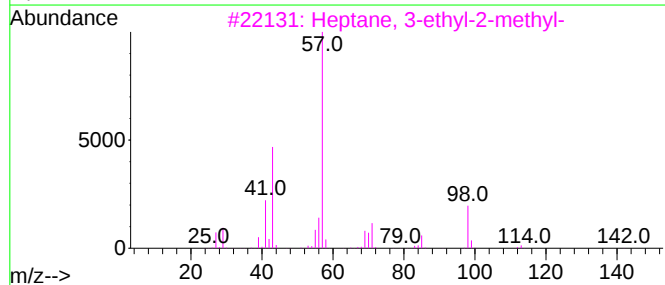
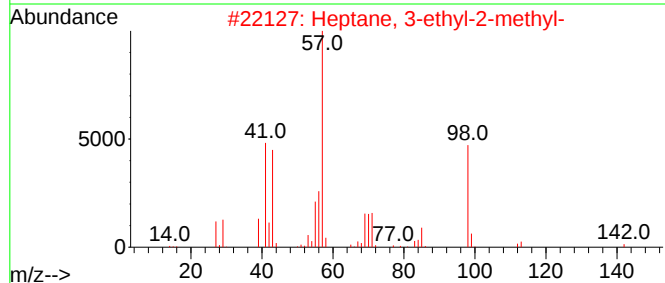
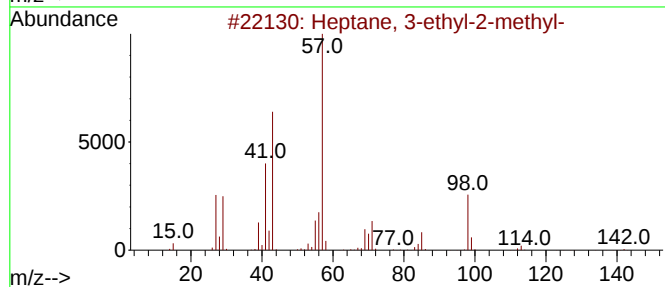
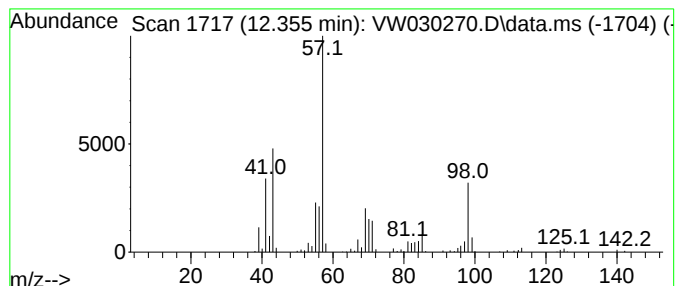
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	9.67 ug/L	341393	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5			2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

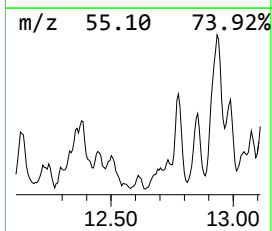
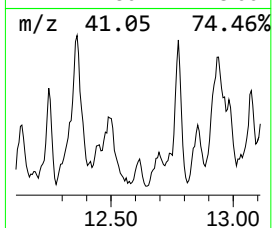
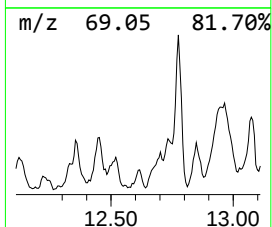
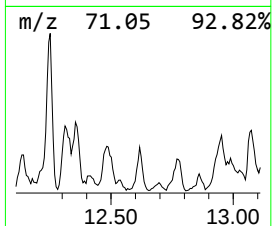
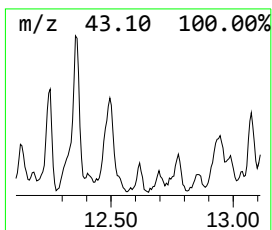
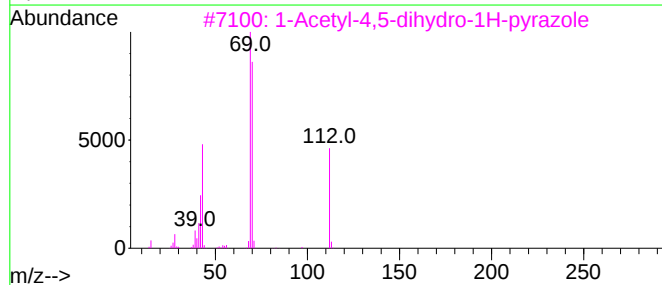
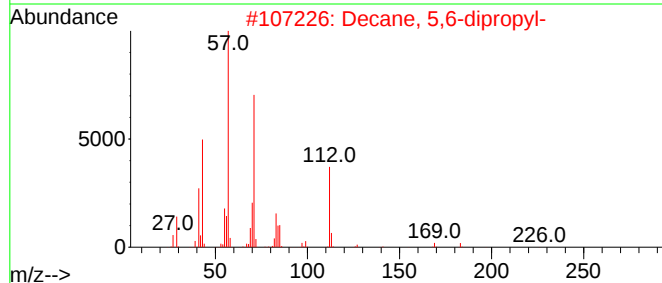
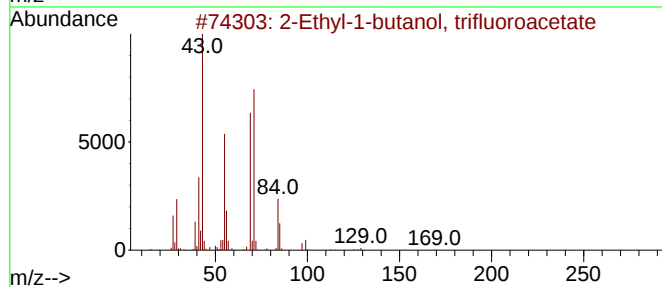
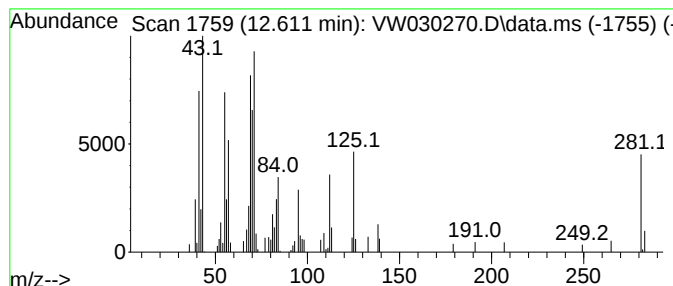
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	2.74 ug/L	40735	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-1-butanol, trifluoroacetate	198	C8H13F3O2	116464-98-3	38
2			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	27
3			1-Acetyl-4,5-dihydro-1H-pyrazole	112	C5H8N2O	1000373-42-6	27
4			3-Heptene, 4-methyl-	112	C8H16	004485-16-9	22
5			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

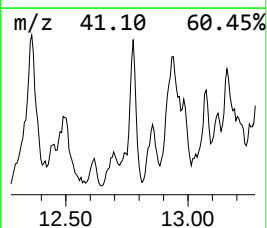
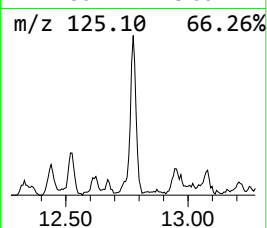
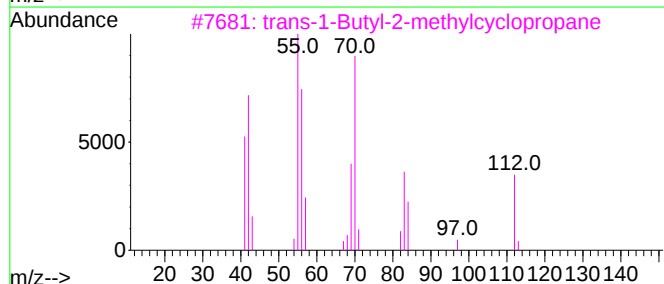
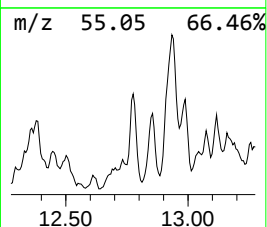
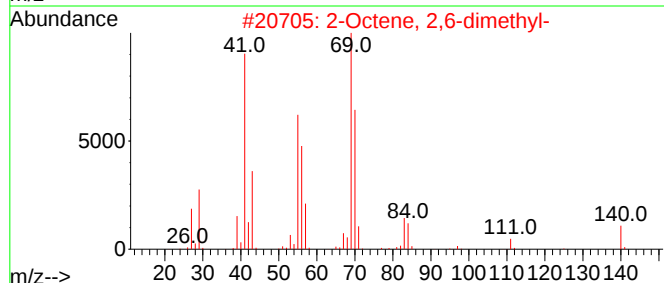
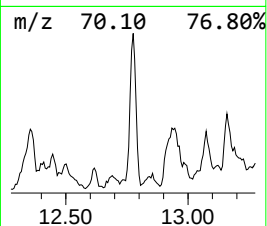
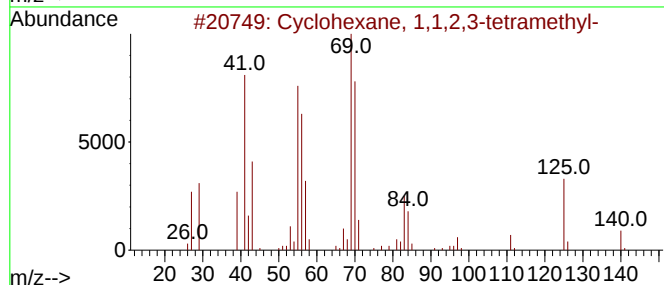
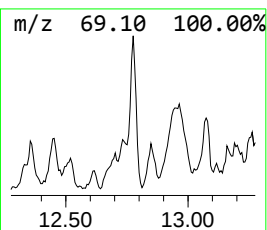
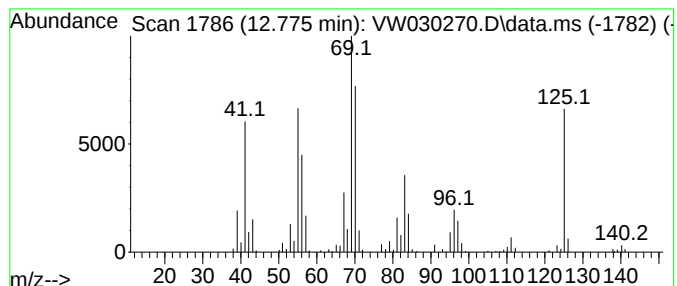
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.775 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	12.52 ug/L	185883	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	59
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
5			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

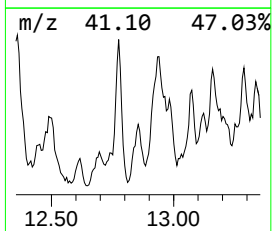
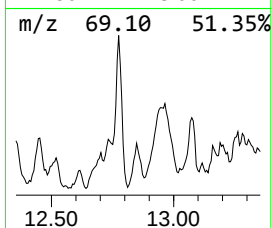
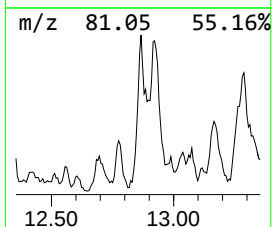
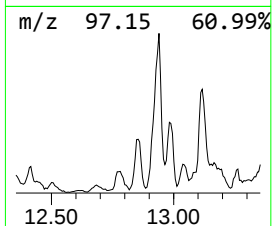
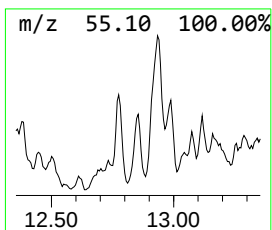
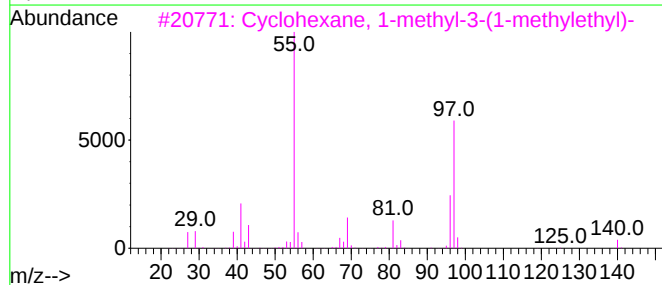
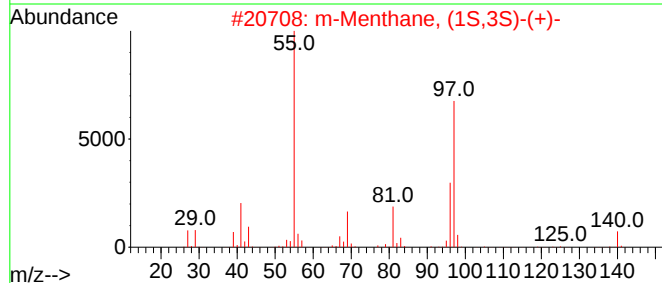
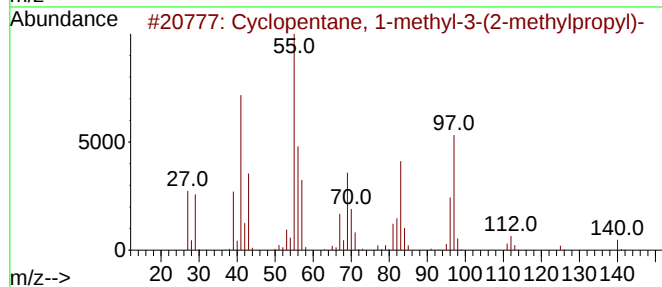
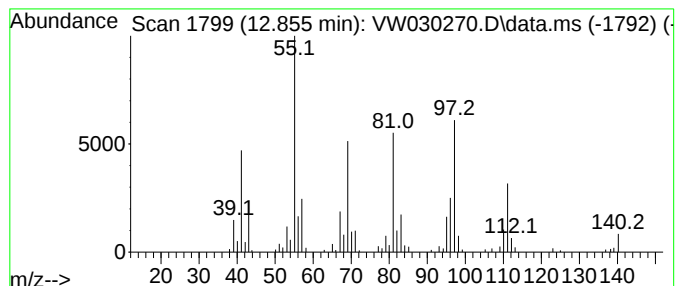
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.855 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	7.90 ug/L	117296	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	52
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	50
3			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	50
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

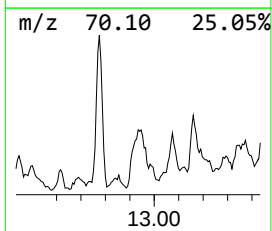
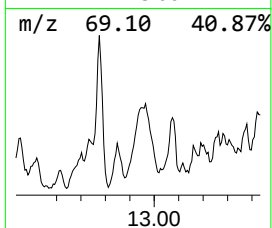
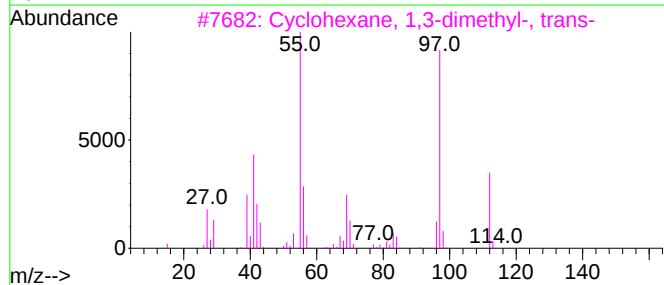
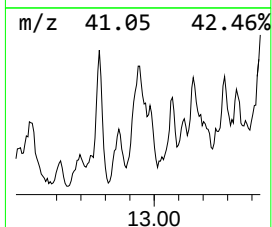
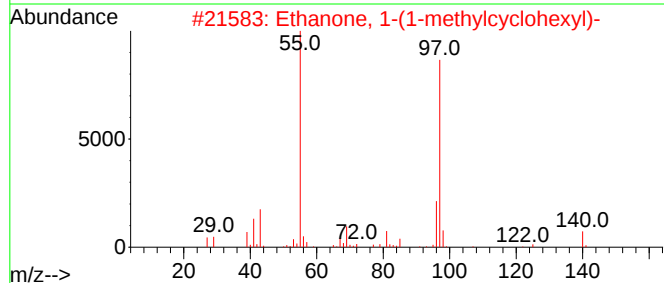
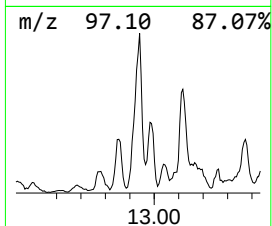
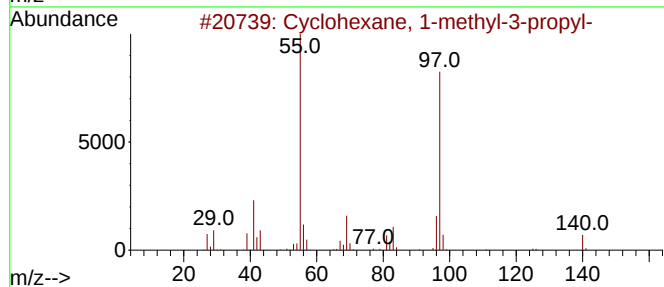
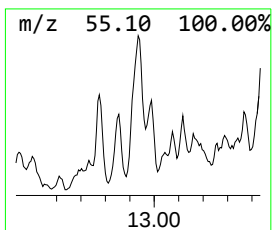
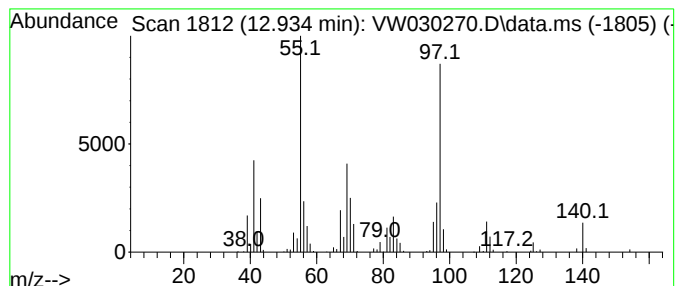
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.934 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	16.92 ug/L	251195	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
2		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	58
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

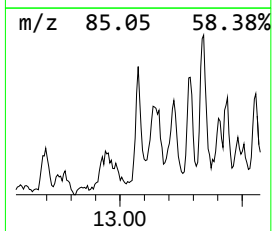
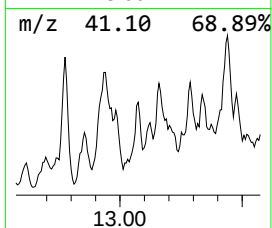
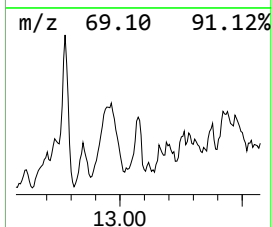
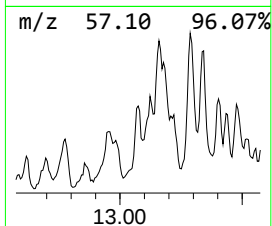
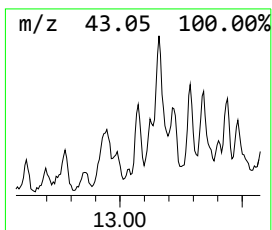
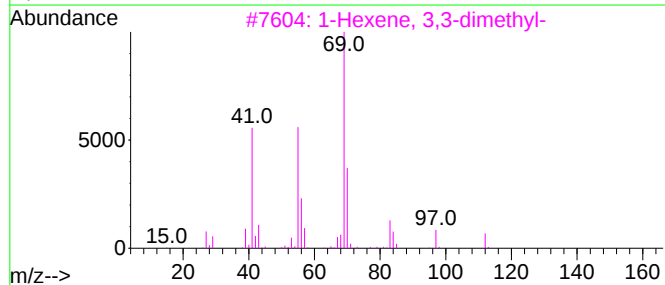
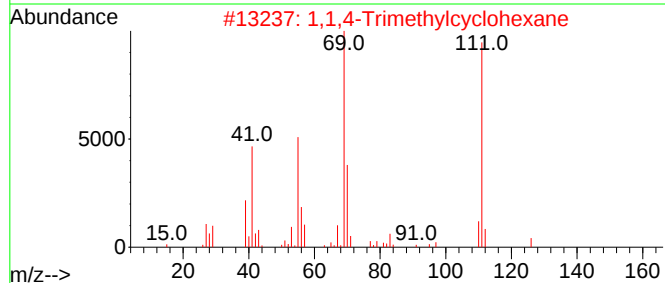
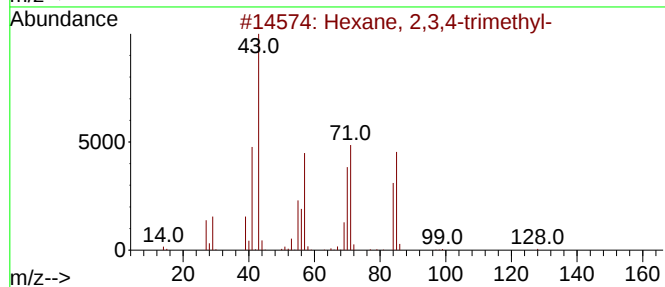
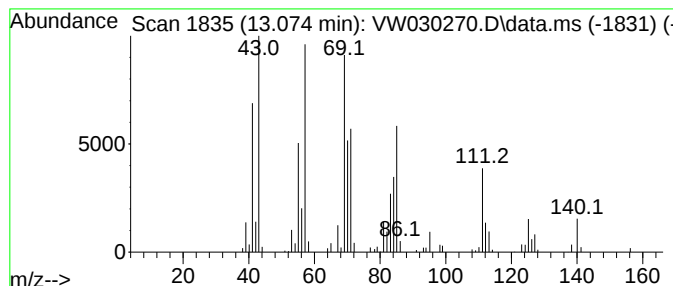
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	3.89 ug/L	57706	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
2		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	38
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
4		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30
5		Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

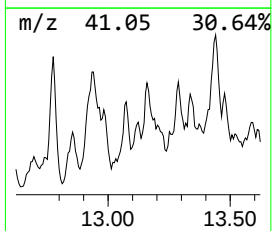
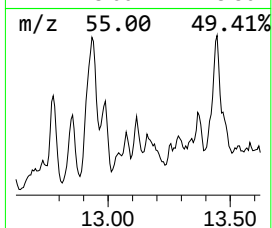
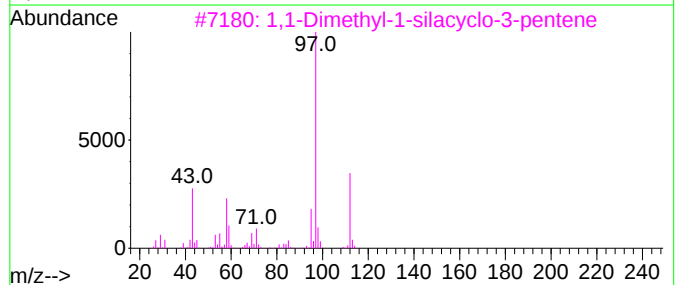
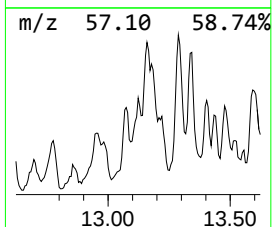
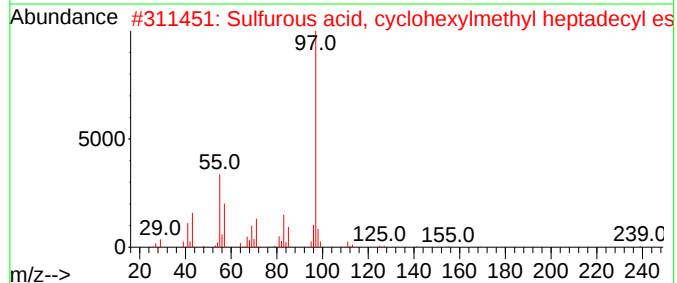
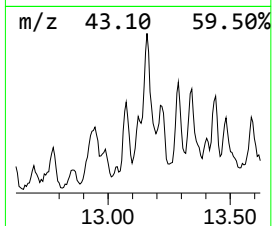
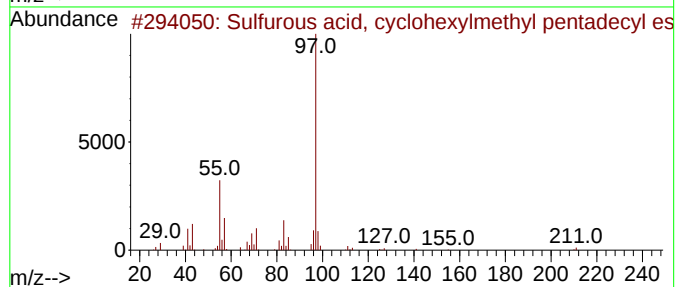
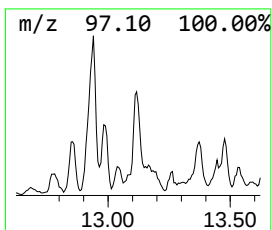
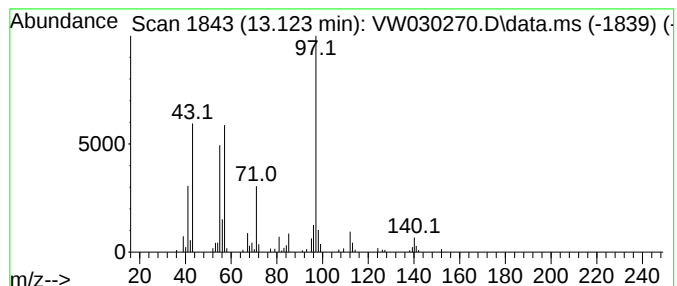
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 Sulfurous acid, cyclohexylm... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	2.60 ug/L	38582	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59
2			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59
3			1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	53
4			Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	53
5			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

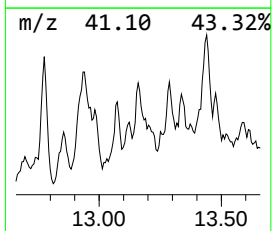
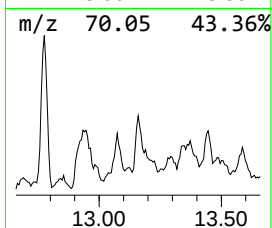
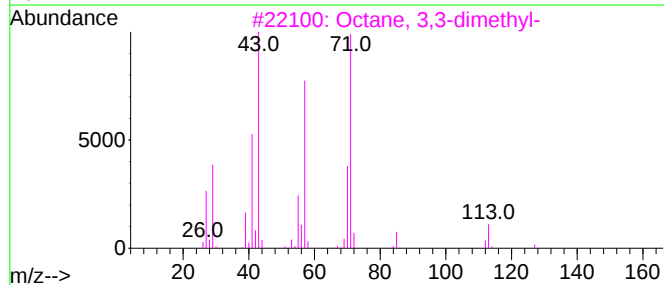
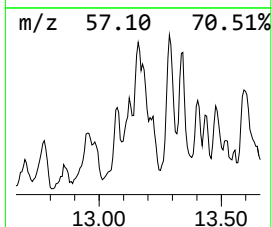
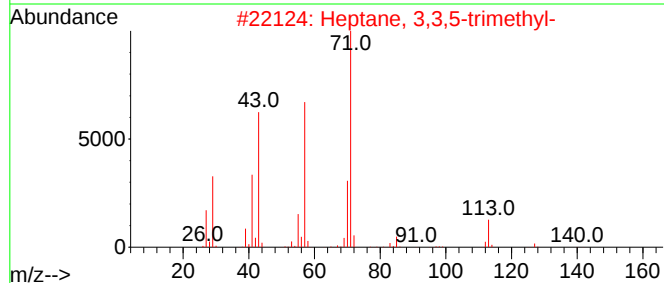
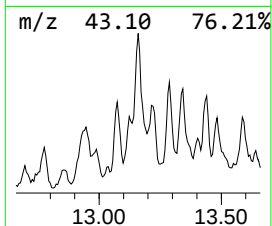
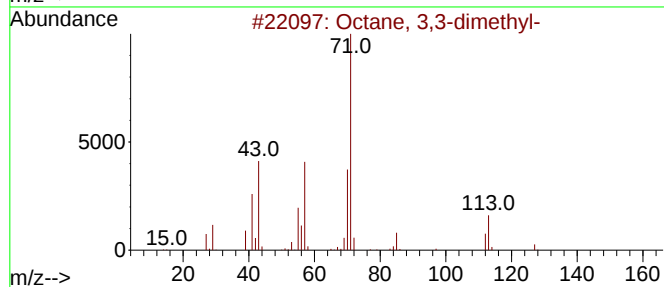
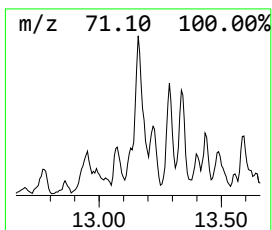
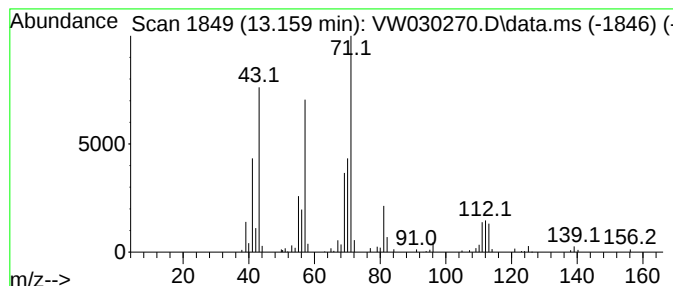
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	9.88 ug/L	146675	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
4			Decane, 4-methyl-	156	C11H24	002847-72-5	53
5			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

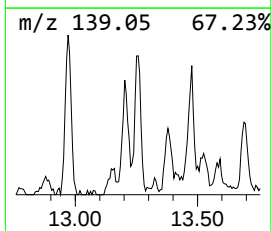
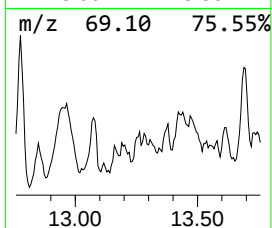
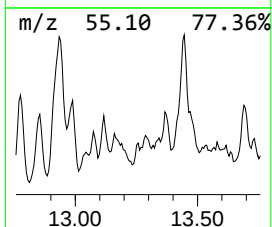
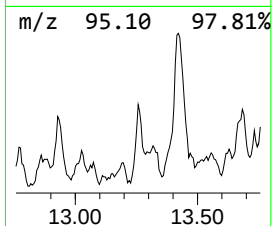
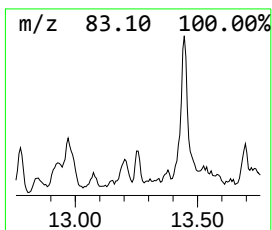
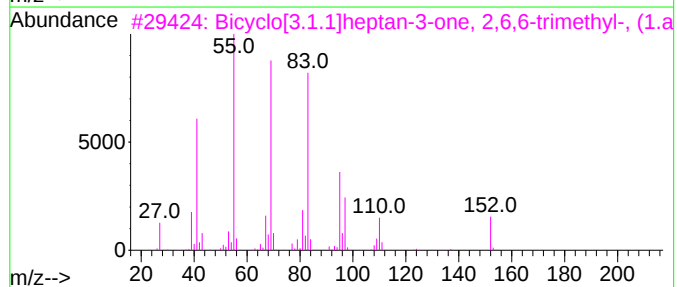
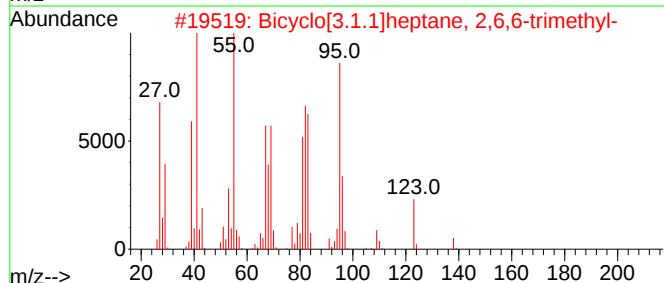
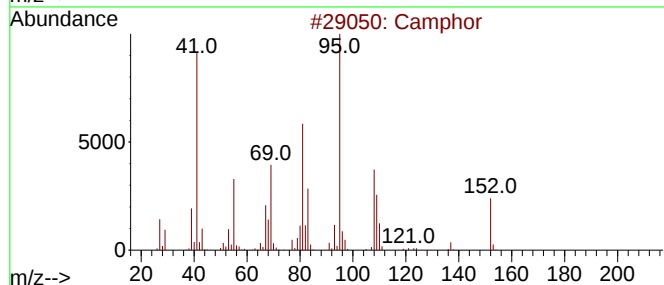
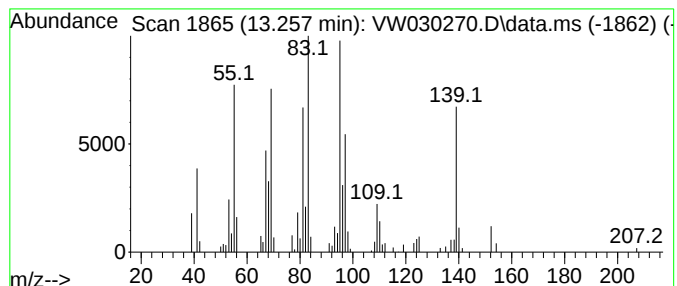
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	2.47 ug/L	36720	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphor	152	C10H16O	000076-22-2	49
2			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
3			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	30
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

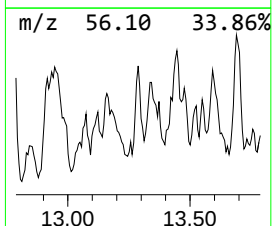
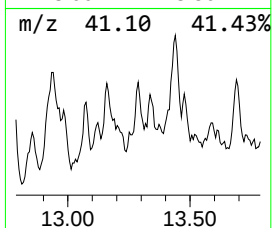
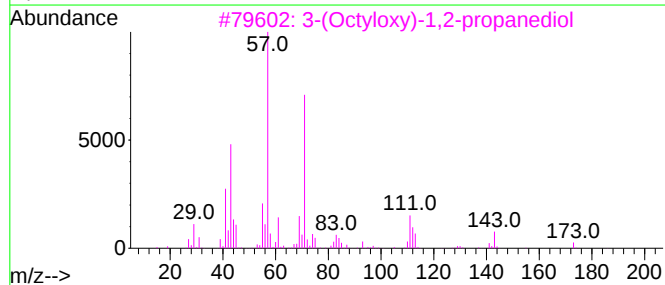
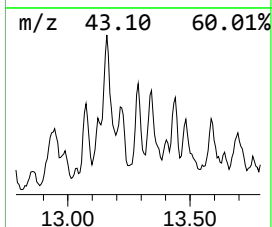
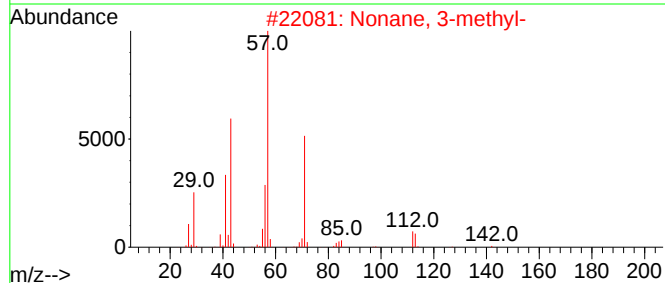
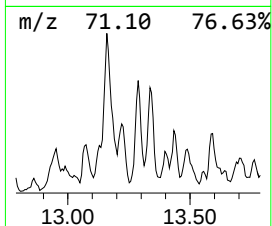
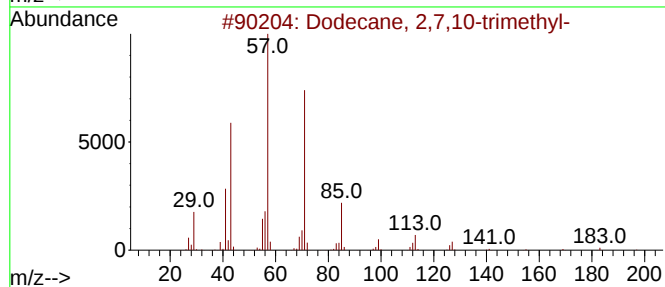
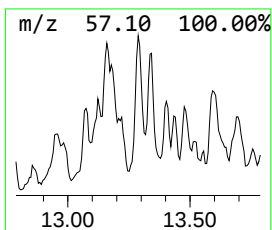
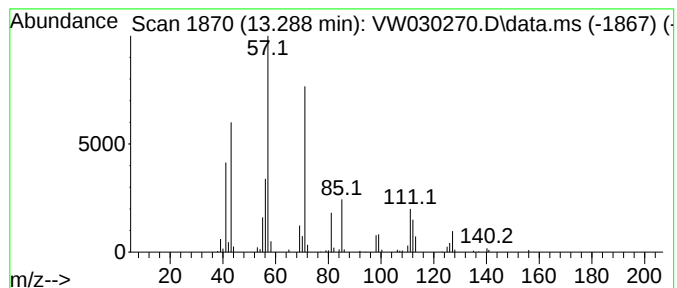
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	3.30 ug/L	48933	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3		3-(Octyloxy)-1,2-propanediol	204	C11H24O3	010438-94-5	53
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

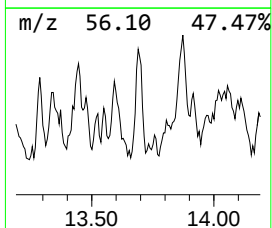
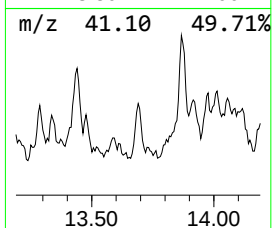
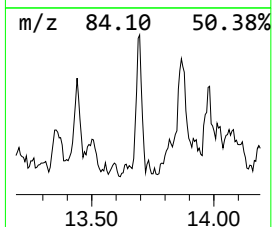
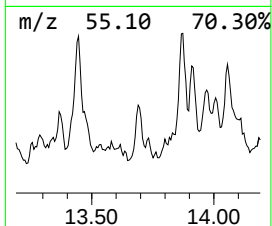
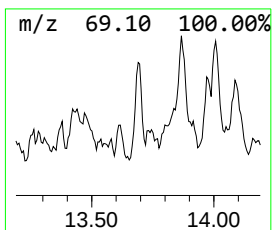
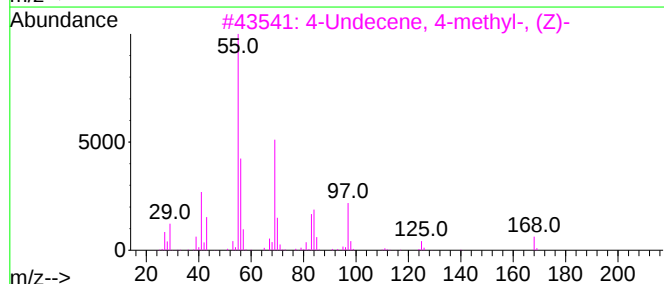
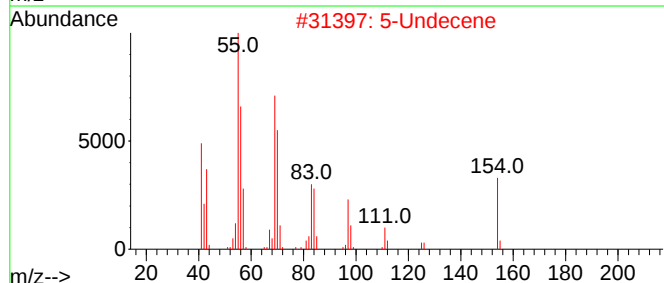
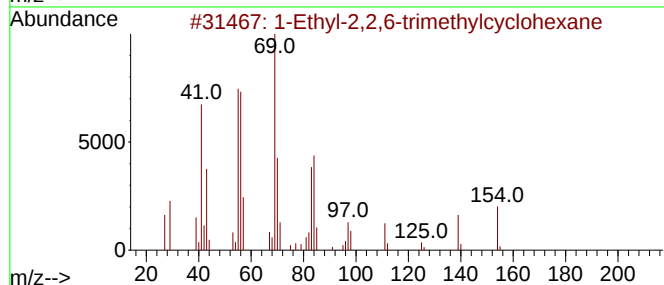
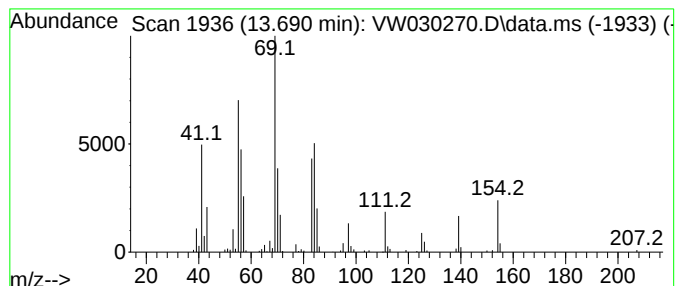
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic13.690 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	5.25 ug/L	77933	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
2		5-Undecene	154	C11H22	004941-53-1	68
3		4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	64
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52
5		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

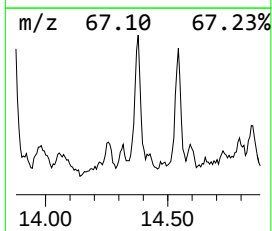
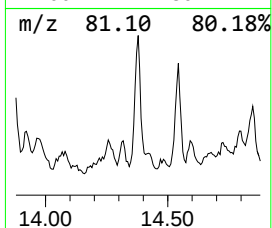
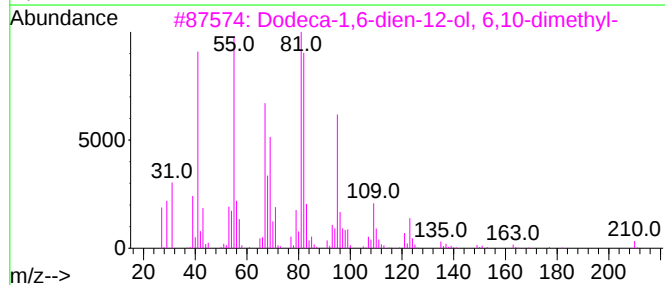
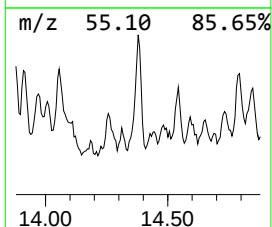
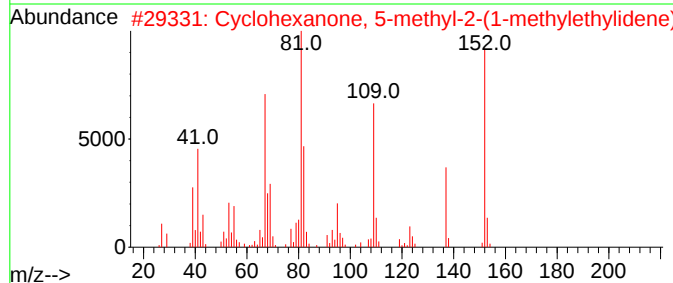
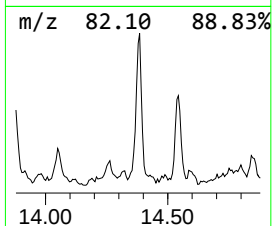
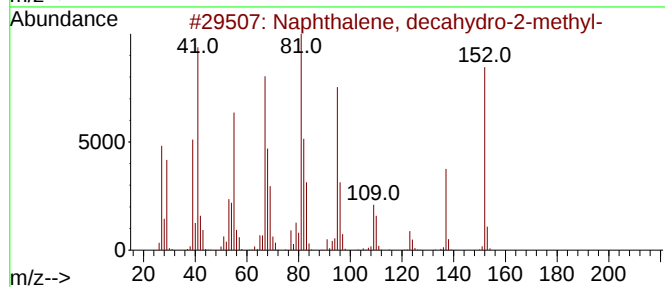
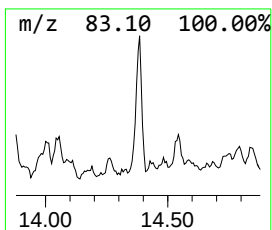
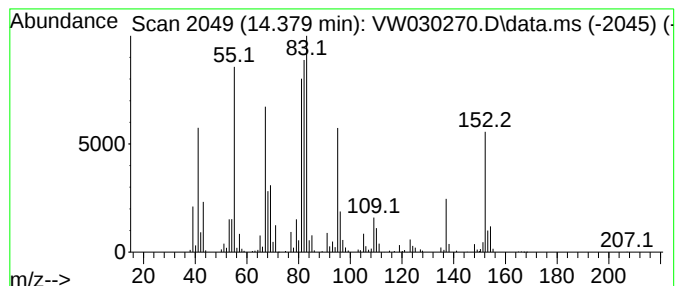
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	13.01 ug/L	193078	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			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
3			Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	49
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	46
5			Pulegone	152	C10H16O	000089-82-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

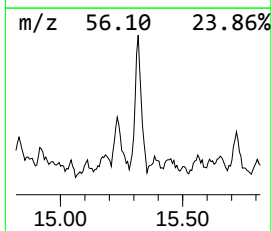
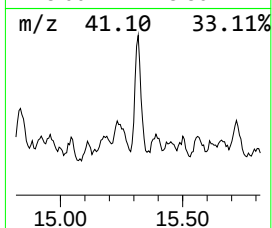
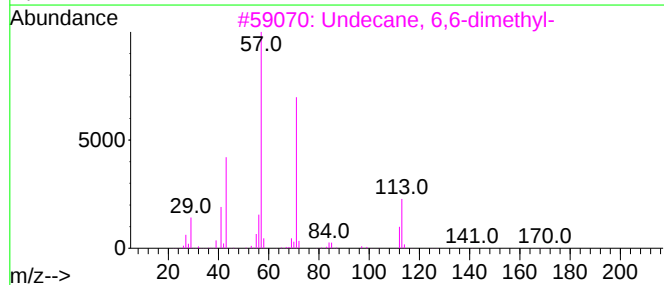
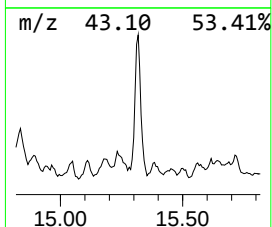
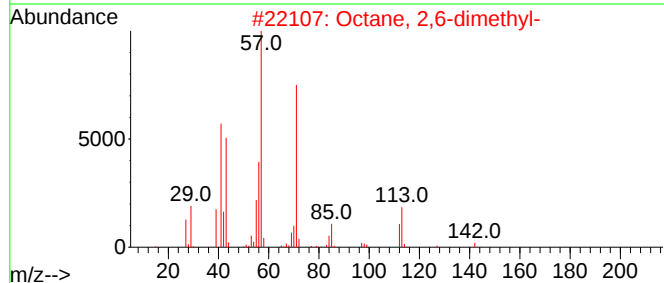
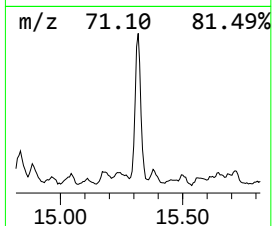
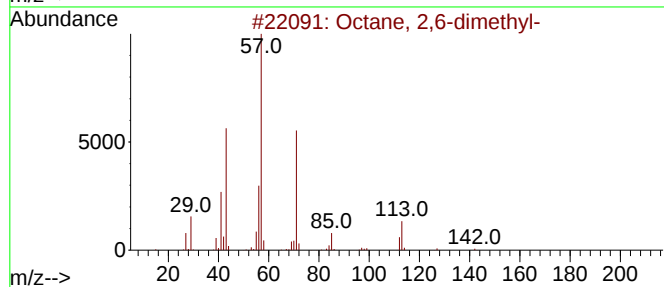
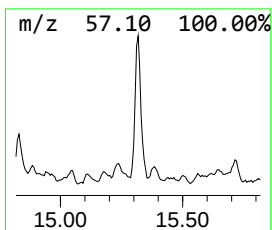
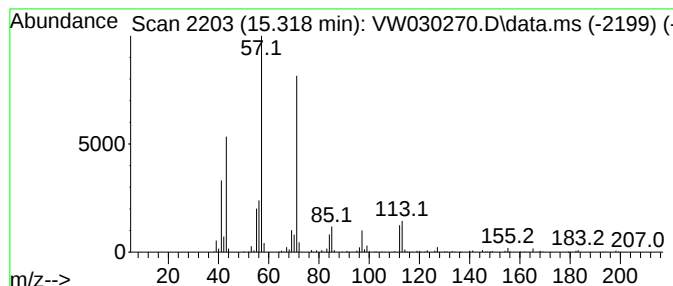
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	23.35 ug/L	346653	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	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

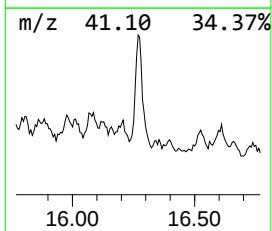
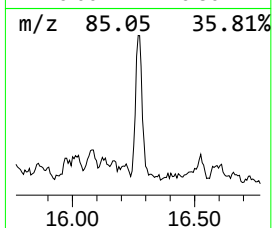
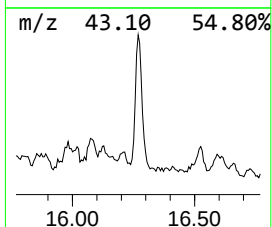
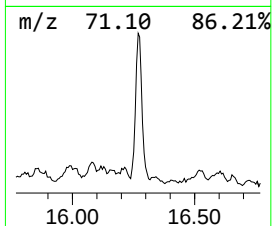
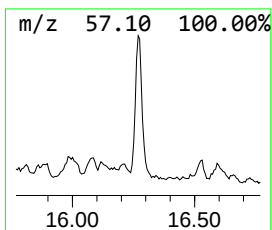
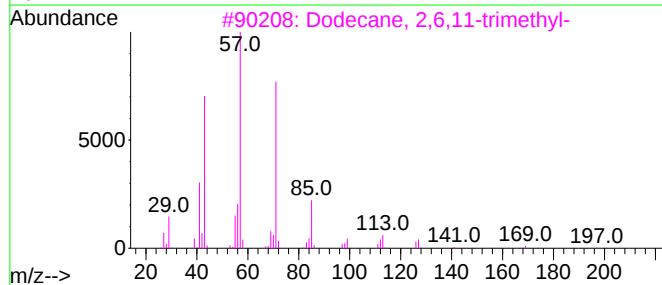
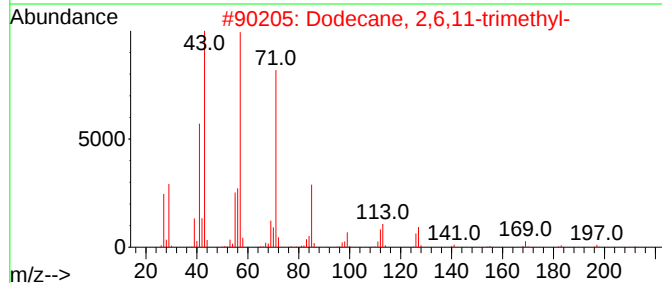
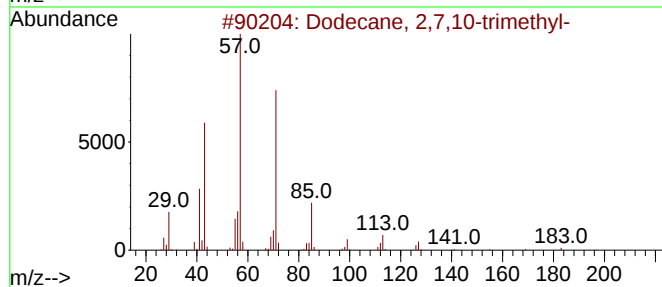
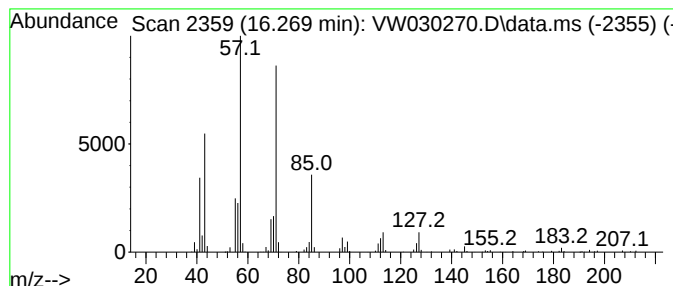
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	16.36 ug/L	242772	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030270.D
Acq On : 26 Sep 2024 19:44
Operator : SY/MD
Sample : P4183-15
Misc : 5.14g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EL8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.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: C...	11.227	2.0	ug/L	72067	2	11.629	882799	25.0	
(DEL) Alkane: C...	11.867	1.3	ug/L	44896	2	11.629	882799	25.0	
(DEL) Alkane: C...	12.135	3.3	ug/L	116449	2	11.629	882799	25.0	
(DEL) Alkane: S...	12.245	3.2	ug/L	111463	2	11.629	882799	25.0	
(DEL) Alkane: S...	12.355	9.7	ug/L	341393	2	11.629	882799	25.0	
unknown-01	12.611	2.7	ug/L	40735	3	13.556	371072	25.0	
(DEL) Alkane: C...	12.775	12.5	ug/L	185883	3	13.556	371072	25.0	
(DEL) Alkane: C...	12.855	7.9	ug/L	117296	3	13.556	371072	25.0	
(DEL) Alkane: C...	12.934	16.9	ug/L	251195	3	13.556	371072	25.0	
(DEL) Alkane: S...	13.074	3.9	ug/L	57706	3	13.556	371072	25.0	
Sulfurous acid,...	13.123	2.6	ug/L	38582	3	13.556	371072	25.0	
(DEL) Alkane: S...	13.160	9.9	ug/L	146675	3	13.556	371072	25.0	
unknown-02	13.257	2.5	ug/L	36720	3	13.556	371072	25.0	
(DEL) Alkane: S...	13.288	3.3	ug/L	48933	3	13.556	371072	25.0	
(DEL) Alkane: C...	13.690	5.3	ug/L	77933	3	13.556	371072	25.0	
Naphthalene, de...	14.379	13.0	ug/L	193078	3	13.556	371072	25.0	
(DEL) Alkane: S...	15.318	23.4	ug/L	346653	3	13.556	371072	25.0	
(DEL) Alkane: S...	16.269	16.4	ug/L	242772	3	13.556	371072	25.0	