

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024169.D
 Acq On : 04 Aug 2022 18:42
 Operator : SY/VA
 Sample : N4008-05
 Misc : 6.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZE4

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\SFAMWLM080422SMA.M
 Title : SFAM01.0

Signal : TIC: VW024169.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.239	46	55	56	rBV7	11909	26830	0.14%	0.046%
2	2.251	56	57	59	rVV2	6586	6726	0.04%	0.012%
3	2.343	63	72	79	rVV2	289862	506809	2.68%	0.869%
4	2.629	114	119	127	rBV10	14084	35892	0.19%	0.062%
5	2.873	153	159	167	rVB	77588	156451	0.83%	0.268%
6	2.995	177	179	184	rBV6	3115	3791	0.02%	0.006%
7	3.544	266	269	272	rVV4	1070	1088	0.01%	0.002%
8	3.605	277	279	282	rVB4	799	789	0.00%	0.001%
9	3.629	282	283	287	rBV4	1007	1277	0.01%	0.002%
10	3.678	287	291	294	rBV5	1518	2125	0.01%	0.004%
11	3.721	297	298	303	rVB5	1041	1248	0.01%	0.002%
12	3.763	303	305	308	rVB3	1133	1013	0.01%	0.002%
13	3.812	308	313	315	rBV4	702	1184	0.01%	0.002%
14	3.873	321	323	327	rVB5	1079	1628	0.01%	0.003%
15	4.001	333	344	357	rBV2	158283	467303	2.47%	0.801%
16	4.123	357	364	374	rVB	18895	48212	0.25%	0.083%
17	4.245	382	384	389	rVB5	1316	1757	0.01%	0.003%
18	4.281	389	390	393	rVB3	1150	945	0.00%	0.002%
19	4.361	396	403	404	rBV5	2142	3548	0.02%	0.006%
20	4.391	404	408	409	rVV4	3797	4771	0.03%	0.008%
21	4.409	409	411	424	rVB2	5292	10019	0.05%	0.017%
22	4.568	435	437	440	rBV3	637	704	0.00%	0.001%
23	4.647	447	450	454	rBV4	756	979	0.01%	0.002%
24	4.800	474	475	478	rBV2	793	837	0.00%	0.001%
25	4.909	481	493	507	rBV2	58602	193824	1.02%	0.332%
26	5.117	518	527	528	rBV3	5504	11876	0.06%	0.020%
27	5.214	540	543	545	rVB3	769	1051	0.01%	0.002%
28	5.415	564	576	587	rBV3	98947	303062	1.60%	0.520%
29	5.586	603	604	607	rBV2	732	752	0.00%	0.001%
30	5.732	625	628	629	rBV3	1073	1161	0.01%	0.002%
31	5.806	639	640	646	rVB4	1159	1706	0.01%	0.003%
32	5.860	646	649	651	rBV2	1054	1208	0.01%	0.002%
33	5.927	651	660	673	rBV2	14584	42578	0.23%	0.073%
34	6.037	675	678	679	rBV2	1019	816	0.00%	0.001%
35	6.068	682	683	686	rVB3	694	753	0.00%	0.001%
36	6.129	692	693	696	rVB2	1130	1009	0.01%	0.002%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024169.D
 Acq On : 04 Aug 2022 18:42
 Operator : SY/VA
 Sample : N4008-05
 Misc : 6.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COZE4

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\SFAMWLM080422SMA.M
 Title : SFAM01.0

37	6.159	696	698	700	rBV3	765	729	0.00%	0.001%
38	6.287	716	719	721	rBV3	667	786	0.00%	0.001%
39	6.555	758	763	764	rVB3	1002	1058	0.01%	0.002%
40	6.629	773	775	781	rVB5	707	883	0.00%	0.002%
41	6.708	784	788	793	rBV6	767	1021	0.01%	0.002%
42	6.903	815	820	822	rBV3	878	1084	0.01%	0.002%
43	7.080	839	849	852	rBV	41030	99130	0.52%	0.170%
44	7.165	852	863	890	rVB	7253631	18913024	100.00%	32.426%
45	7.494	914	917	920	rVB5	803	999	0.01%	0.002%
46	7.647	930	942	954	rBV	222449	548396	2.90%	0.940%
47	7.775	961	963	969	rVB6	1442	2464	0.01%	0.004%
48	7.884	977	981	983	rBV5	1565	2164	0.01%	0.004%
49	7.933	987	989	991	rBV3	1636	1344	0.01%	0.002%
50	8.019	1001	1003	1004	rBV2	1296	854	0.00%	0.001%
51	8.055	1004	1009	1011	rBV6	695	1292	0.01%	0.002%
52	8.140	1021	1023	1024	rBV2	1371	1150	0.01%	0.002%
53	8.159	1024	1026	1027	rBV2	1345	777	0.00%	0.001%
54	8.268	1029	1044	1060	rBV3	433395	1430382	7.56%	2.452%
55	8.616	1099	1101	1104	rBV4	1017	1002	0.01%	0.002%
56	8.677	1109	1111	1112	rBV2	1193	827	0.00%	0.001%
57	8.695	1112	1114	1117	rBV4	1704	2391	0.01%	0.004%
58	8.768	1124	1126	1128	rBV2	1250	858	0.00%	0.001%
59	8.842	1129	1138	1147	rVV	360738	740312	3.91%	1.269%
60	8.927	1150	1152	1154	rVV3	1920	2269	0.01%	0.004%
61	8.970	1157	1159	1160	rBV2	1922	1318	0.01%	0.002%
62	9.091	1168	1179	1194	rBV	7058715	13830770	73.13%	23.713%
63	9.274	1201	1209	1222	rBV	292529	588216	3.11%	1.008%
64	9.744	1284	1286	1290	rBV5	3801	4176	0.02%	0.007%
65	10.030	1328	1333	1340	rBV	148573	269635	1.43%	0.462%
66	10.323	1374	1381	1388	rBV	557406	970207	5.13%	1.663%
67	10.378	1388	1390	1398	rVB2	18195	32813	0.17%	0.056%
68	10.561	1414	1420	1432	rVB4	270191	571626	3.02%	0.980%
69	10.701	1439	1443	1450	rVB2	34418	58206	0.31%	0.100%
70	10.920	1474	1479	1487	rBV	173441	341569	1.81%	0.586%
71	11.061	1500	1502	1509	rVB2	45243	66252	0.35%	0.114%
72	11.628	1589	1595	1604	rVB	424537	720279	3.81%	1.235%
73	12.371	1711	1717	1720	rBV5	57987	130072	0.69%	0.223%
74	12.688	1764	1769	1775	rBV	244846	444379	2.35%	0.762%
75	13.024	1812	1824	1826	rBV2	673499	1936726	10.24%	3.321%
76	13.274	1856	1865	1878	rBV3	404703	1776619	9.39%	3.046%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024169.D
 Acq On : 04 Aug 2022 18:42
 Operator : SY/VA
 Sample : N4008-05
 Misc : 6.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZE4

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\SFAMWLM080422SMA.M
 Title : SFAM01.0

77	13.420	1882	1889	1906	rVB4	347894	1530969	8.09%	2.625%
78	13.554	1906	1911	1920	rBV2	304074	527459	2.79%	0.904%
79	13.853	1954	1960	1966	rBV2	387212	936975	4.95%	1.606%
80	14.200	2012	2017	2020	rBV4	57457	115715	0.61%	0.198%
81	14.499	2062	2066	2067	rBV4	93804	135717	0.72%	0.233%
82	14.719	2097	2102	2110	rBV2	486023	900895	4.76%	1.545%
83	14.834	2118	2121	2128	rVB2	138276	245238	1.30%	0.420%
84	14.950	2137	2140	2146	rVB	98335	163804	0.87%	0.281%
85	15.054	2152	2157	2168	rVB5	101498	257955	1.36%	0.442%
86	15.206	2177	2182	2195	rVB5	325746	1044098	5.52%	1.790%
87	15.316	2195	2200	2204	rBV	259291	424191	2.24%	0.727%
88	15.359	2205	2207	2212	rVV	40817	63274	0.33%	0.108%
89	15.542	2232	2237	2243	rBV	797153	1235486	6.53%	2.118%
90	15.718	2263	2266	2275	rVB5	83577	146608	0.78%	0.251%
91	15.859	2285	2289	2294	rBV2	91677	166904	0.88%	0.286%
92	15.993	2308	2311	2315	rBV2	50160	88025	0.47%	0.151%
93	16.084	2321	2326	2330	rBV5	127522	264125	1.40%	0.453%
94	16.133	2330	2334	2338	rVV	102424	184737	0.98%	0.317%
95	16.212	2343	2347	2352	rVB2	150096	275459	1.46%	0.472%
96	16.273	2352	2357	2365	rBV	374048	657737	3.48%	1.128%
97	16.358	2367	2371	2376	rBV3	69316	148020	0.78%	0.254%
98	16.432	2377	2383	2387	rBV	240342	515373	2.72%	0.884%
99	16.486	2387	2392	2398	rVB	1374640	2351829	12.43%	4.032%
100	16.645	2407	2418	2429	rVB5	156522	601959	3.18%	1.032%

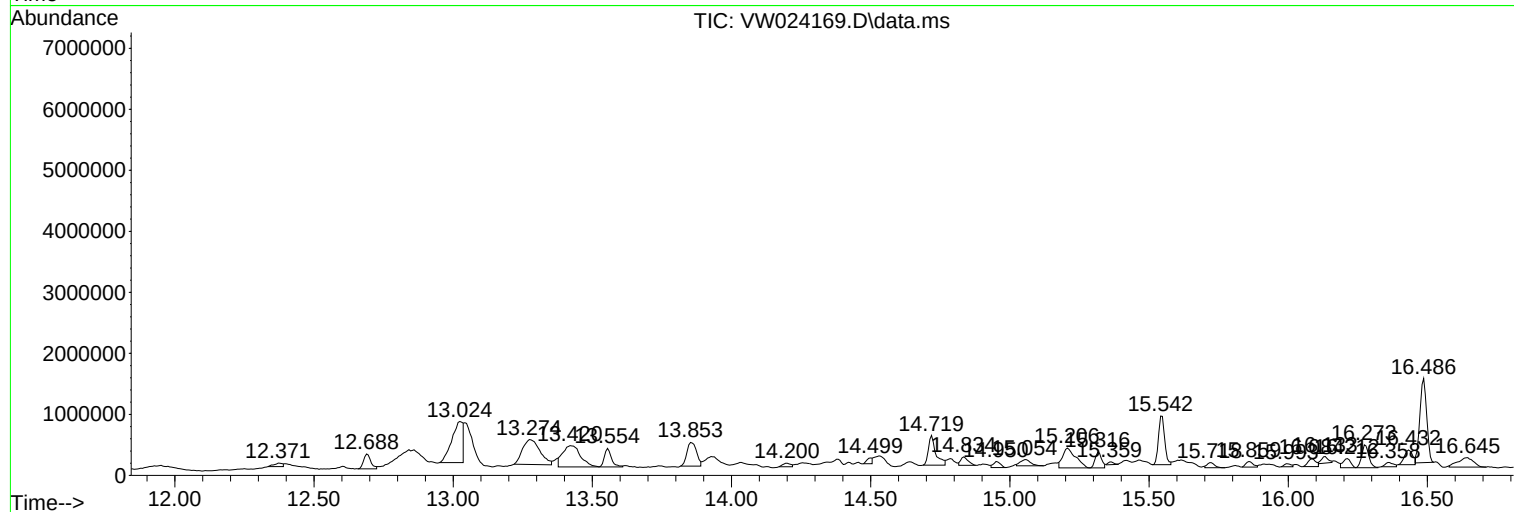
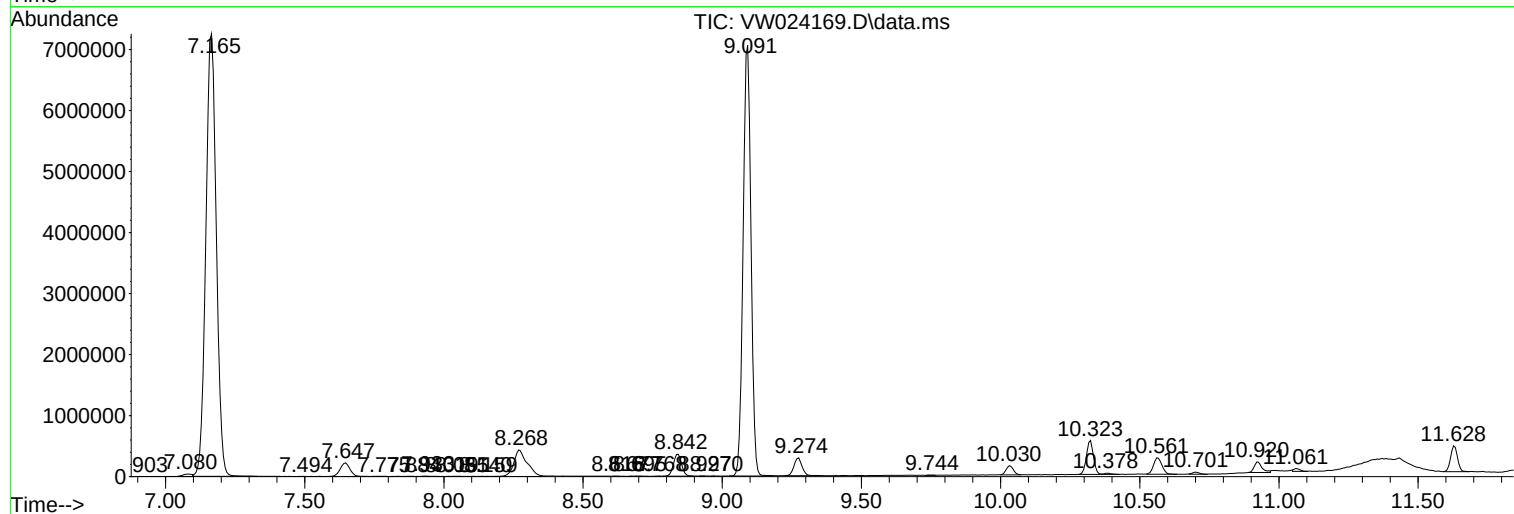
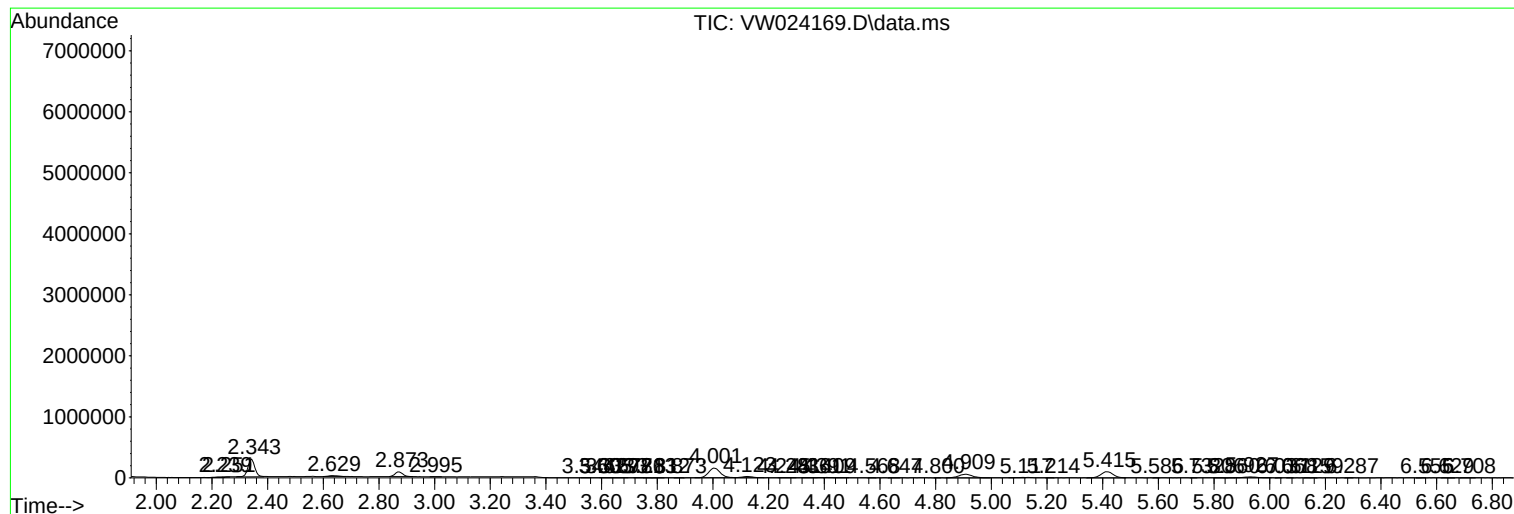
Sum of corrected areas: 58326333

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

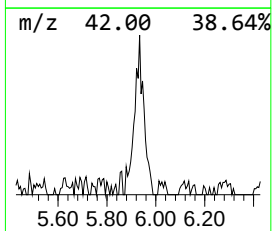
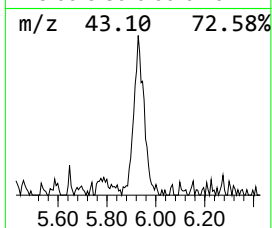
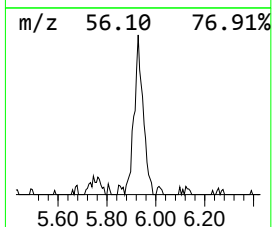
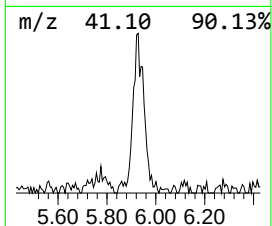
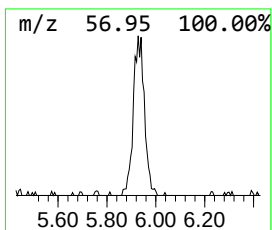
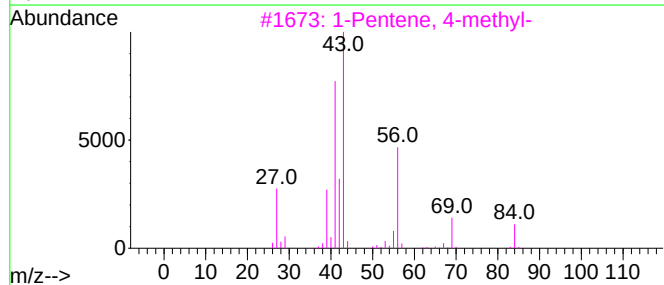
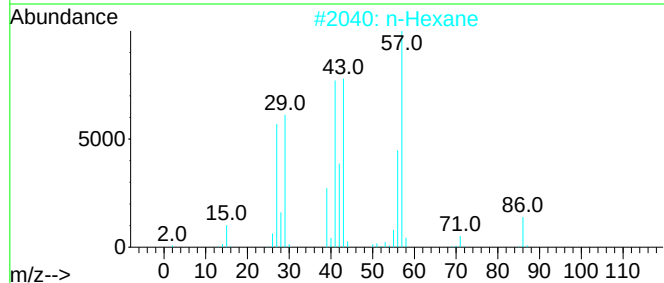
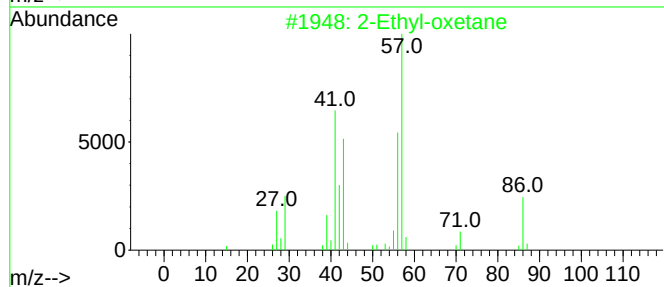
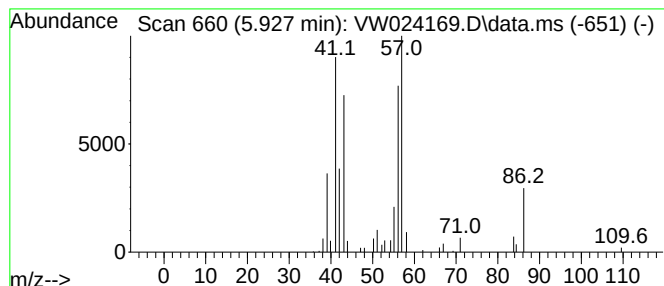
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.927	1.44 ug/L	42578	1,4-Difluorobenzene	8.835

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
2			n-Hexane	86	C6H14	000110-54-3	59
3			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	53
4			n-Hexane	86	C6H14	000110-54-3	53
5			n-Hexane	86	C6H14	000110-54-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

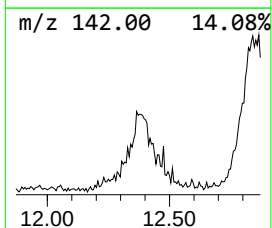
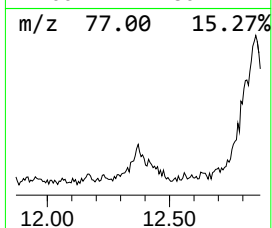
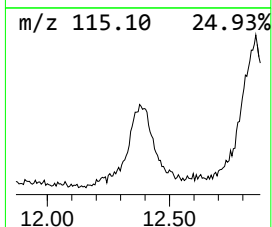
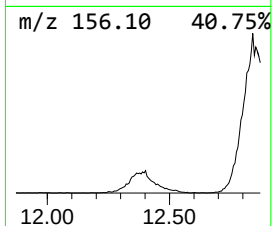
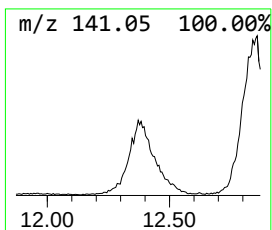
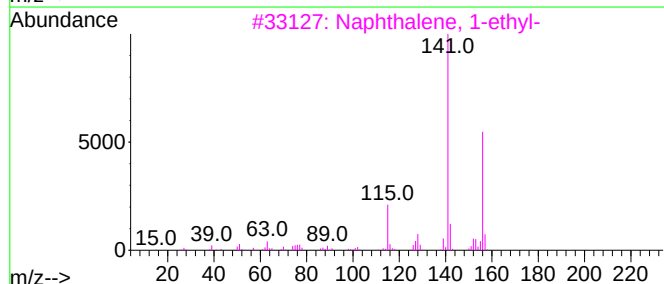
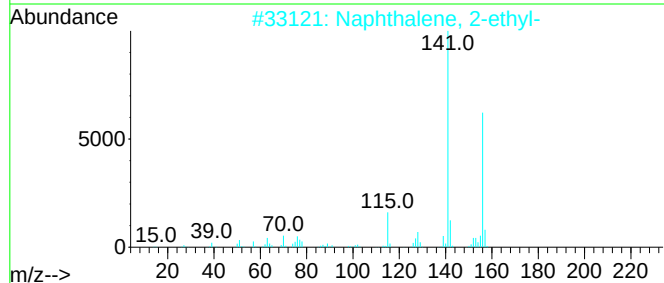
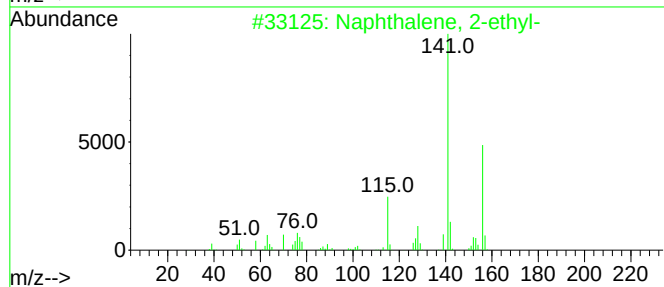
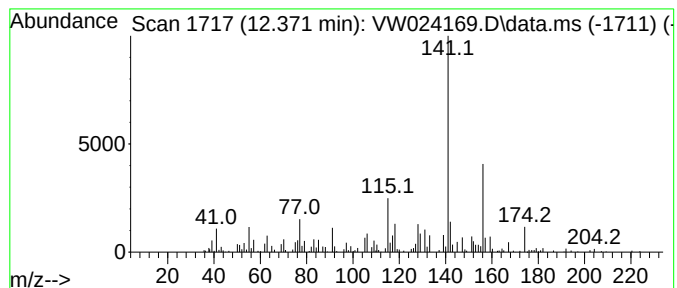
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.371	4.51 ug/L	130072	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	74
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	74
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	74
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

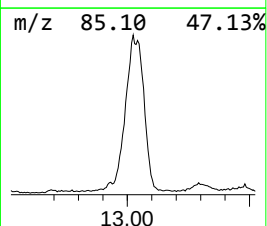
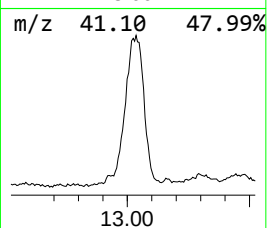
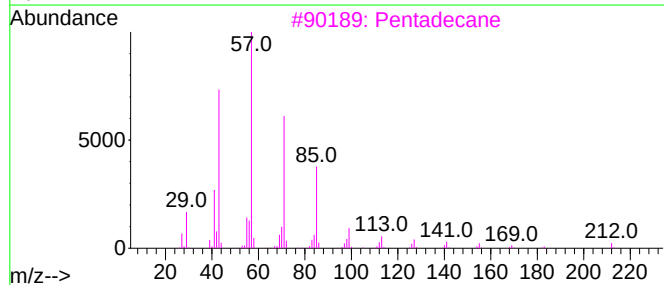
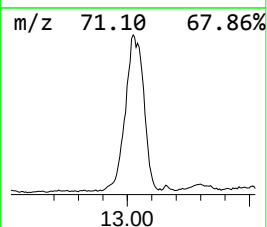
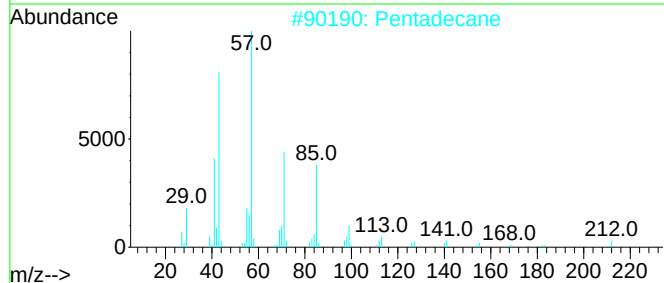
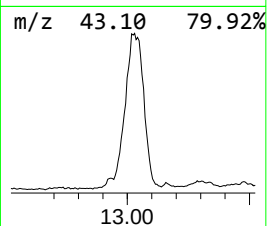
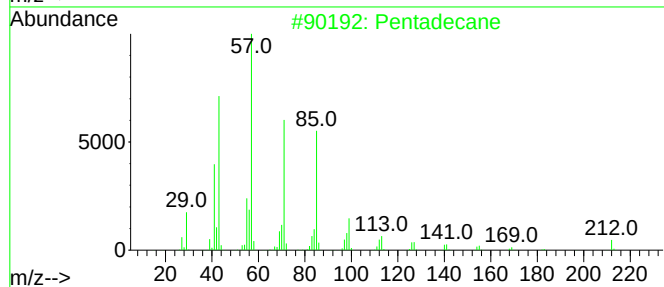
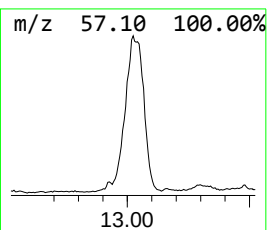
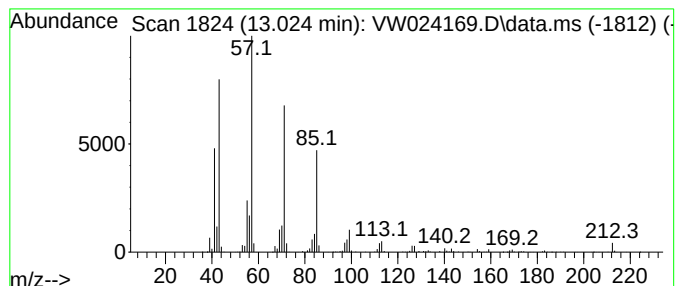
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	91.80 ug/L	1936730	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	97
2		Pentadecane	212	C15H32	000629-62-9	94
3		Pentadecane	212	C15H32	000629-62-9	93
4		Pentadecane	212	C15H32	000629-62-9	90
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

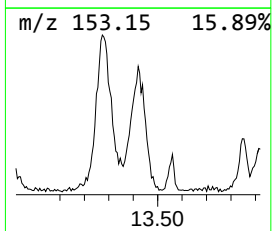
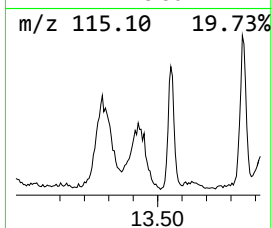
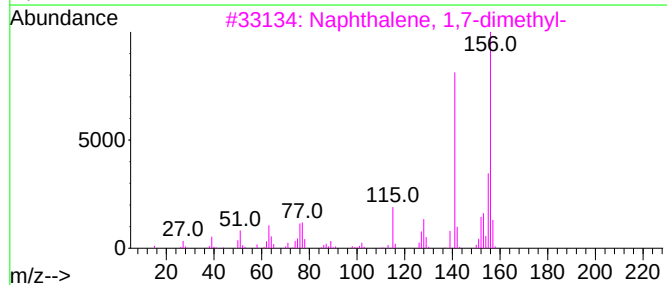
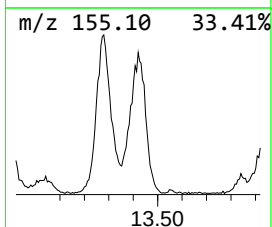
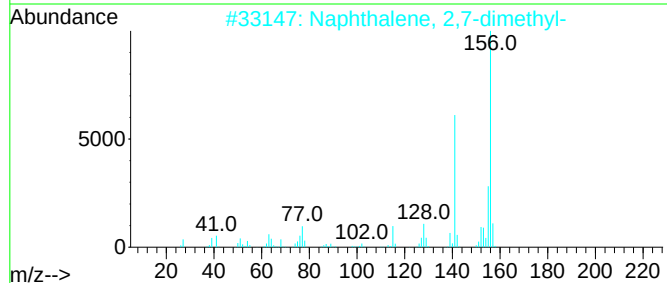
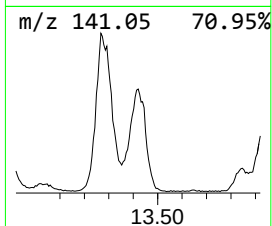
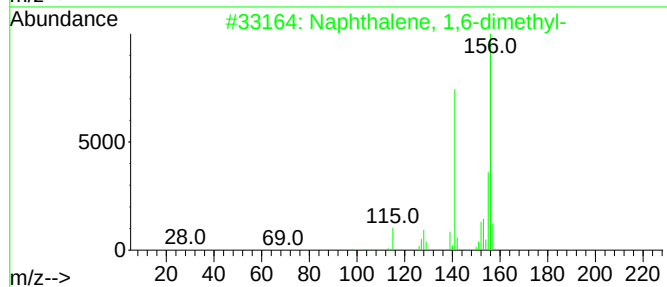
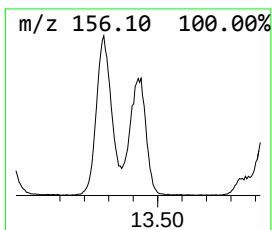
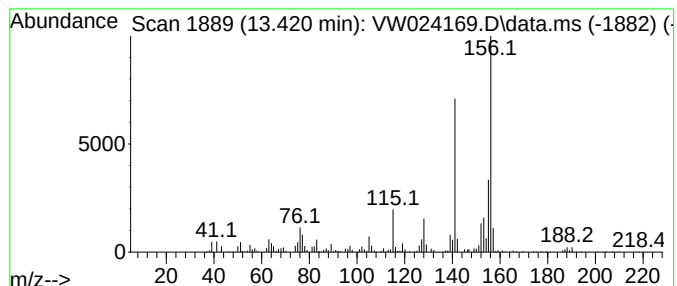
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	72.56 ug/L	1530970	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COZE4

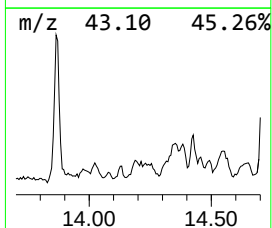
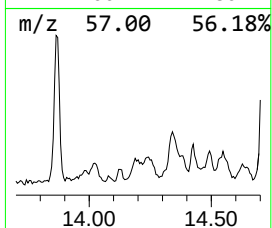
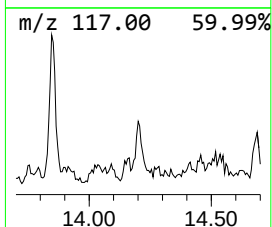
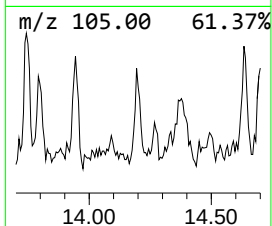
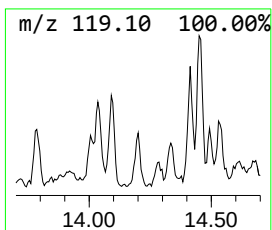
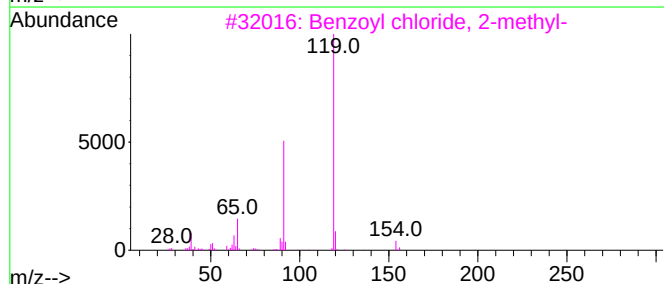
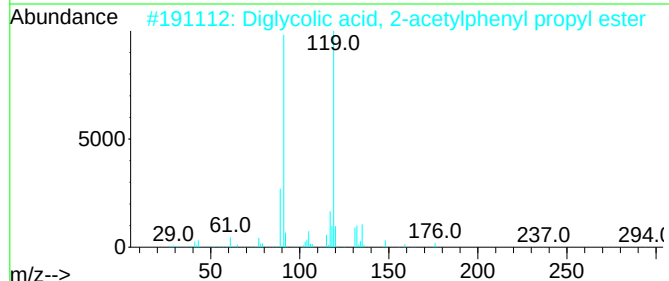
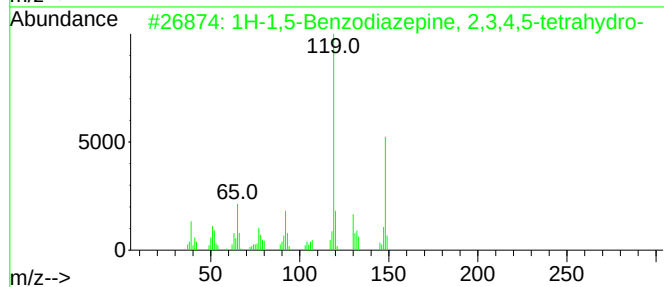
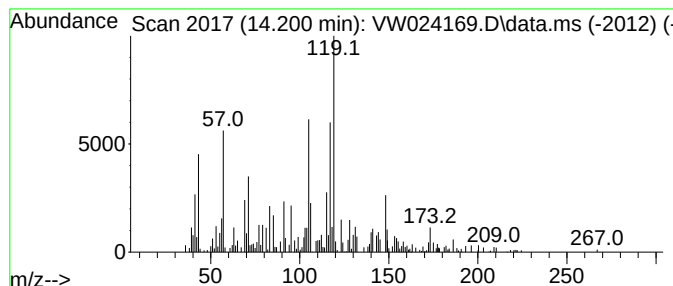
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	5.48 ug/L	115715	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	38
2			Diglycolic acid, 2-acetylphenyl ...	294	C15H18O6	1010382-71-7	27
3			Benzoyl chloride, 2-methyl-	154	C8H7ClO	000933-88-0	25
4			Succinic acid, di(cis-4-tert-but...	394	C24H42O4	1000390-19-2	22
5			Benzonitrile, 2-hydroxy-	119	C7H5NO	000611-20-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

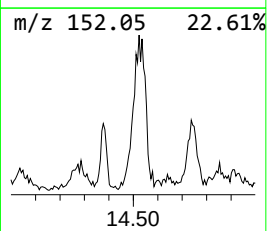
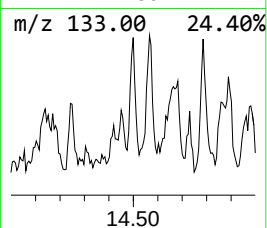
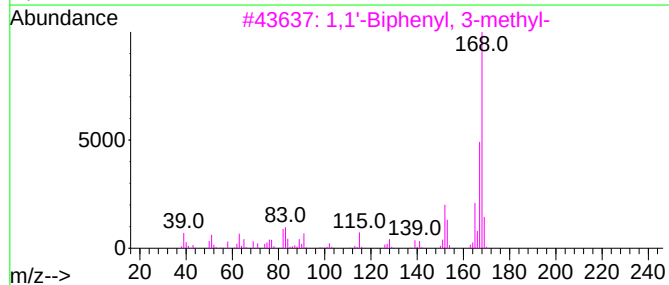
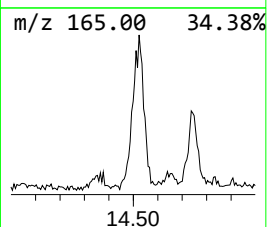
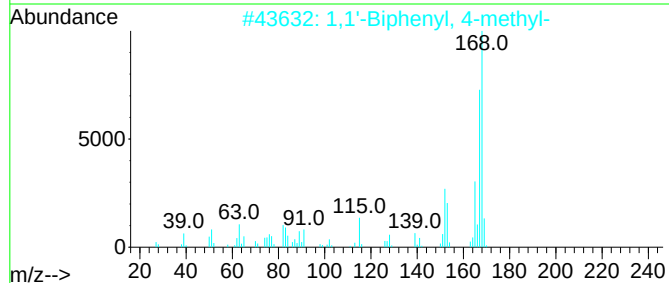
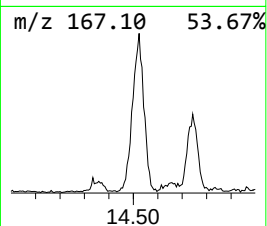
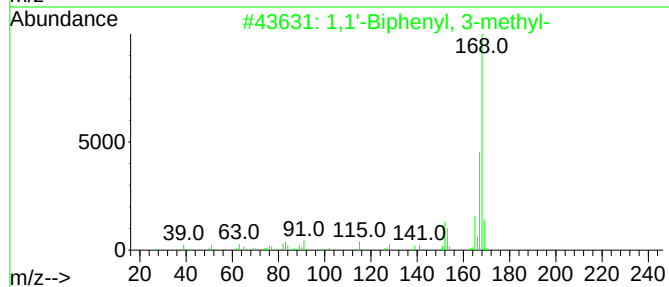
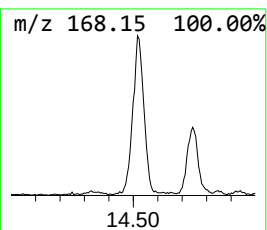
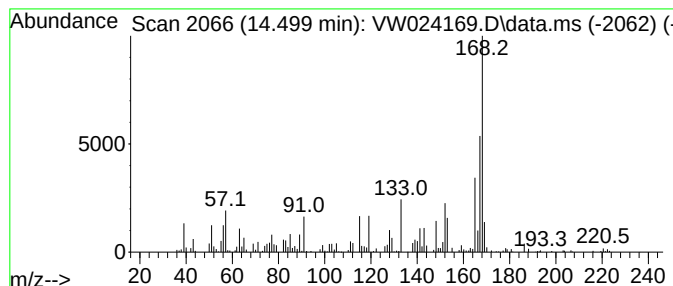
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 1,1'-Biphenyl, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	6.43 ug/L	135717	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	89		
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	89		
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	89		
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76		
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

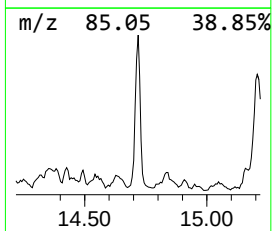
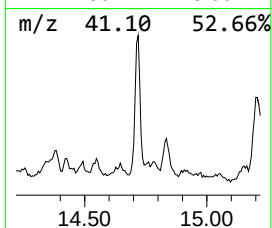
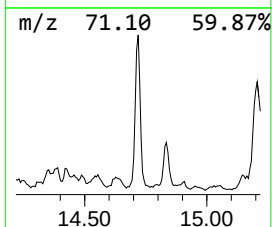
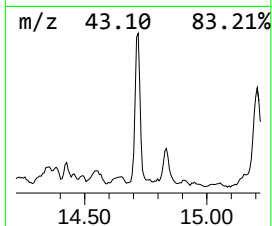
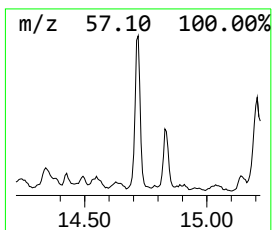
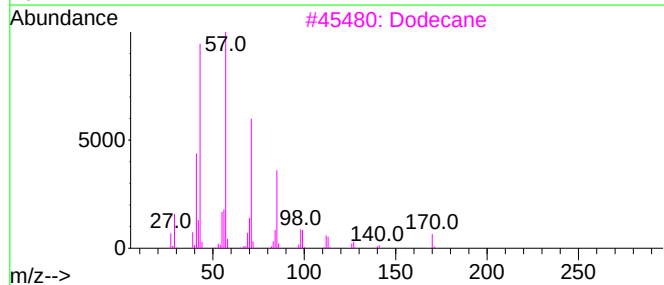
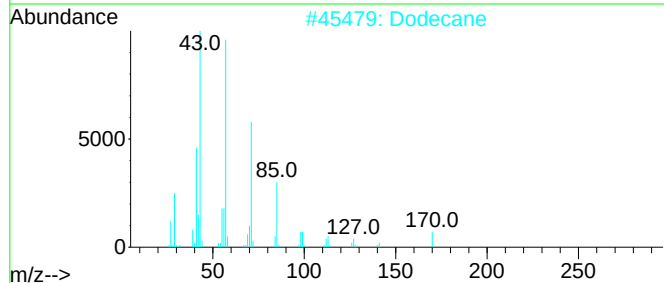
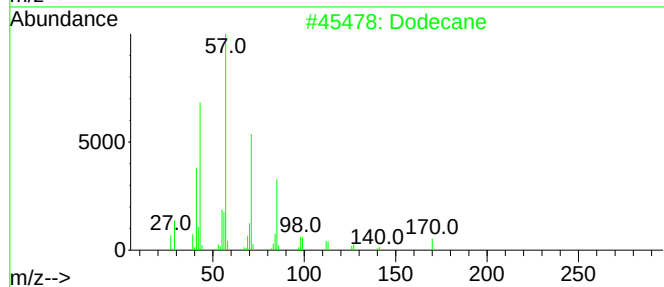
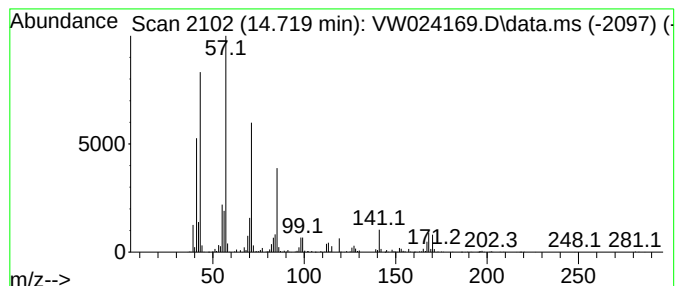
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	42.70 ug/L	900895	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Dodecane	170	C12H26	000112-40-3	93
3			Dodecane	170	C12H26	000112-40-3	91
4			Dodecane	170	C12H26	000112-40-3	90
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

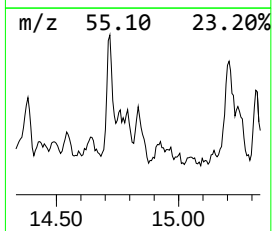
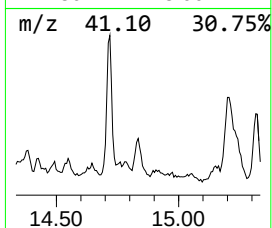
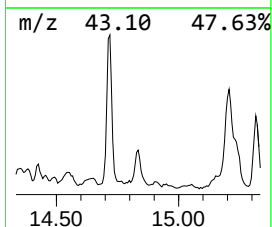
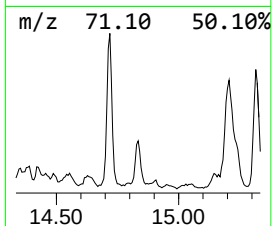
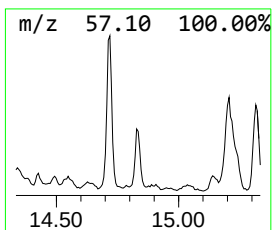
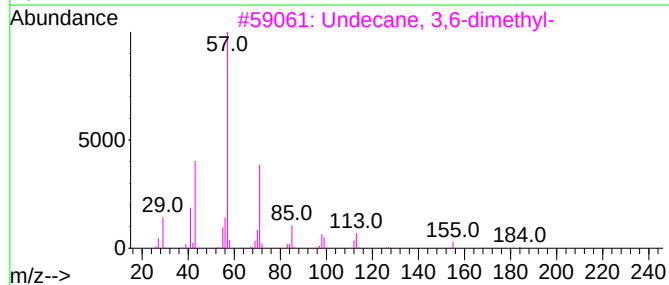
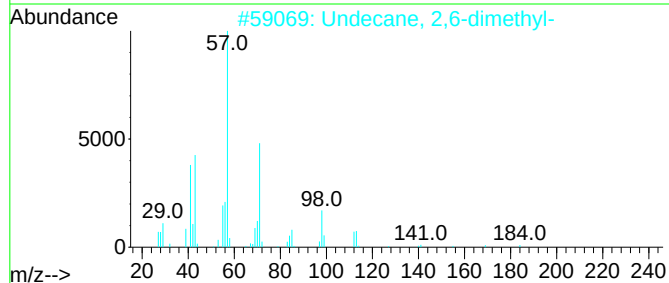
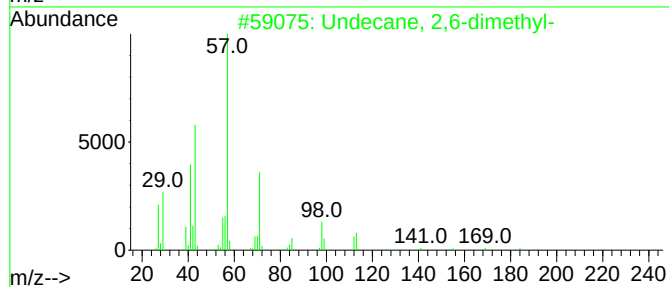
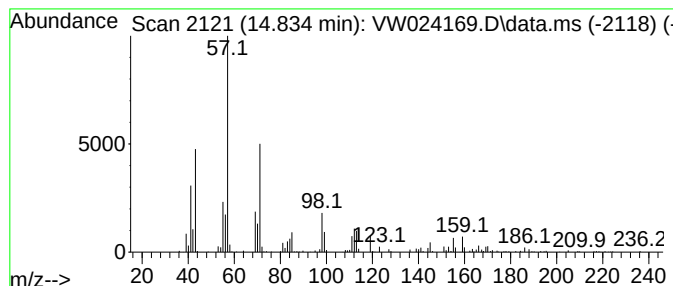
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	11.62 ug/L	245238	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	78
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

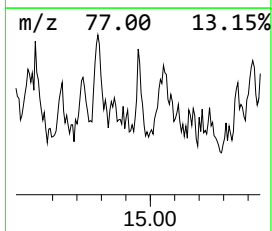
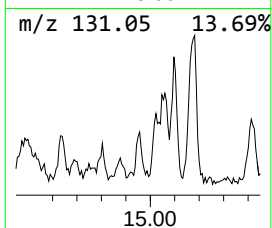
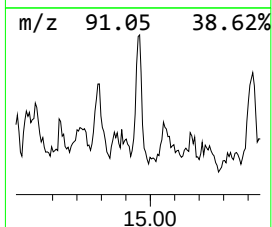
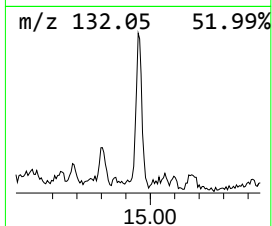
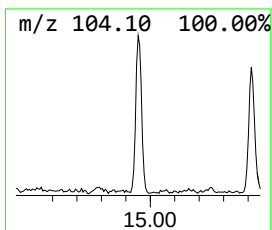
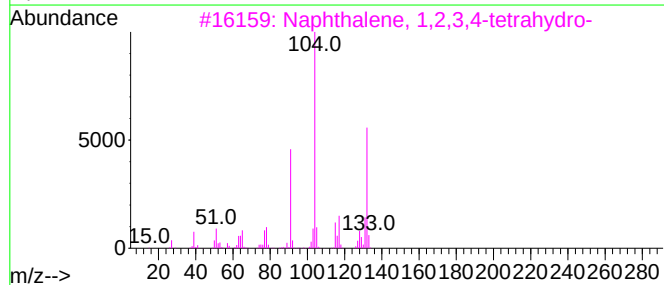
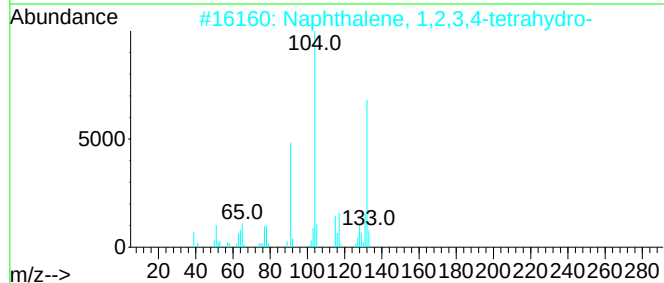
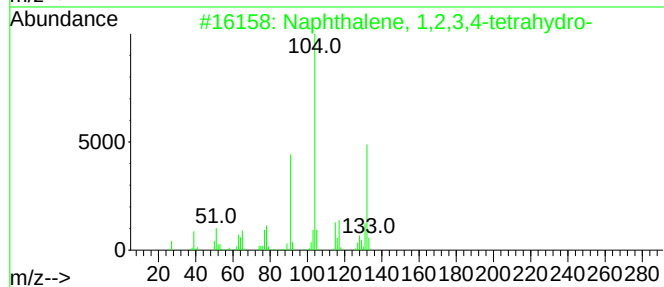
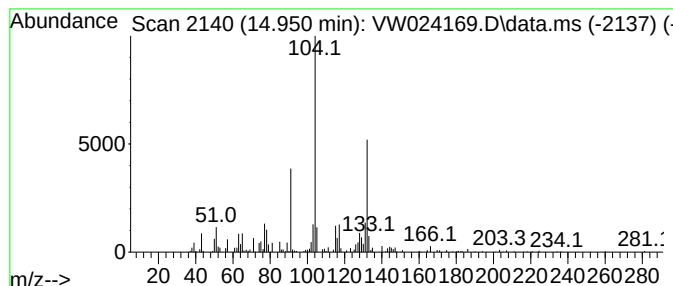
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	7.76 ug/L	163804	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COZE4

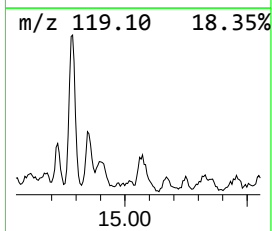
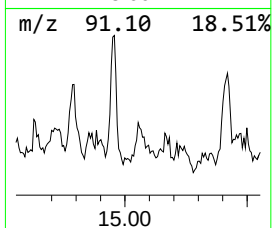
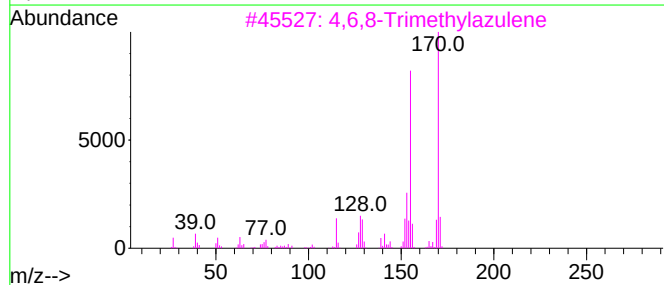
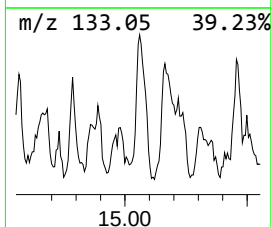
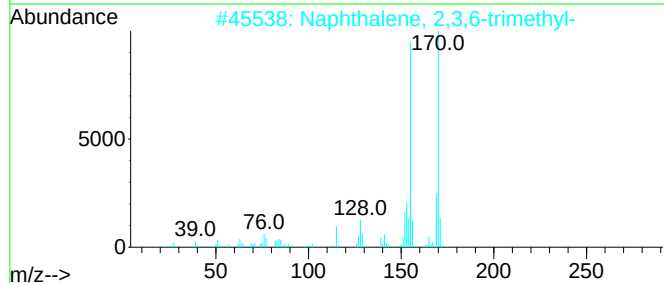
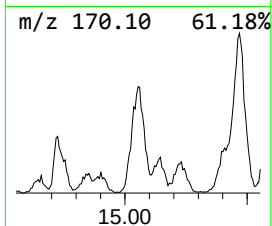
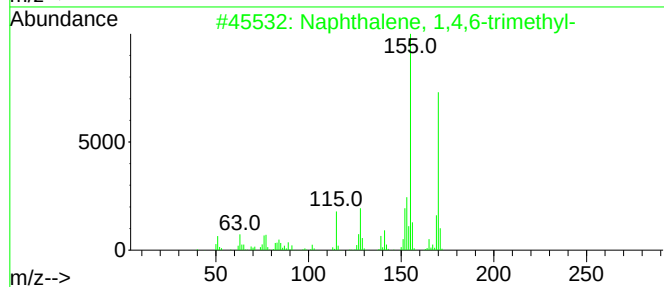
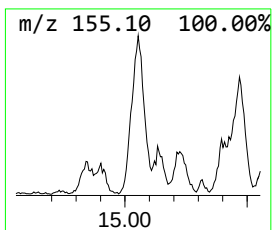
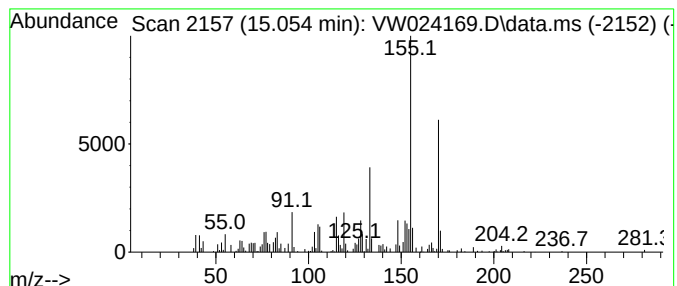
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.054	12.23 ug/L	257955	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

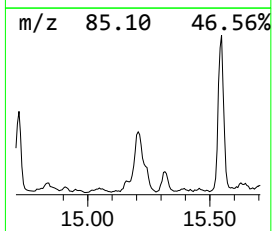
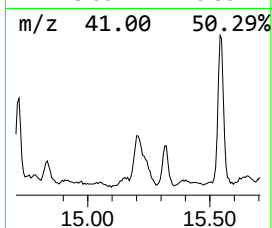
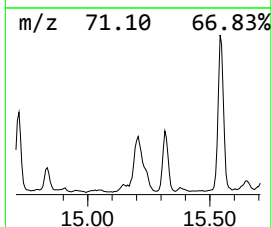
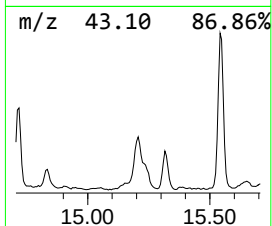
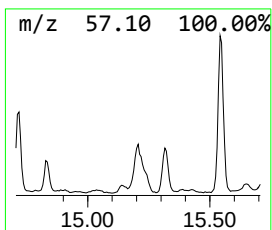
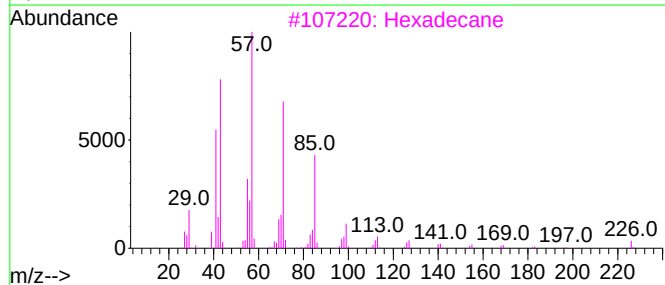
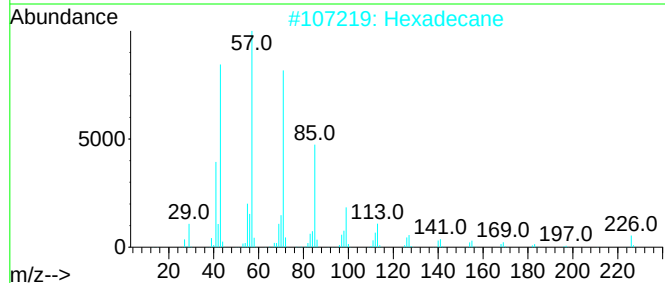
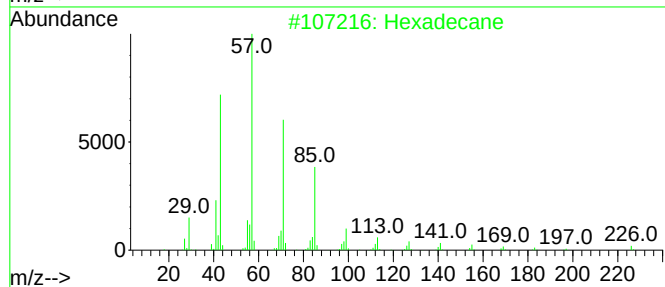
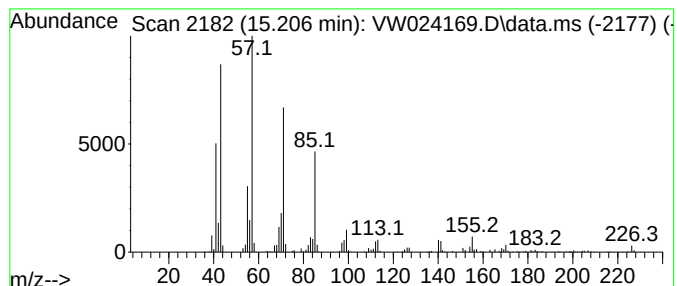
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	49.49 ug/L	1044100	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	89
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

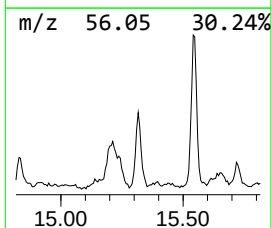
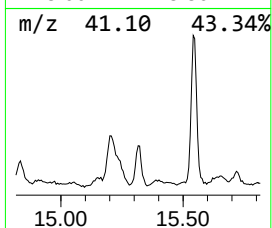
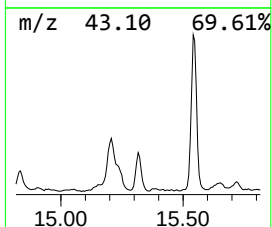
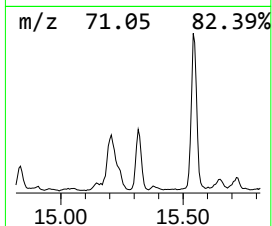
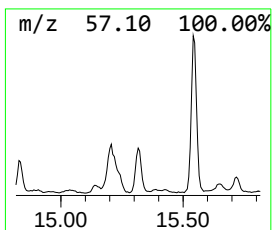
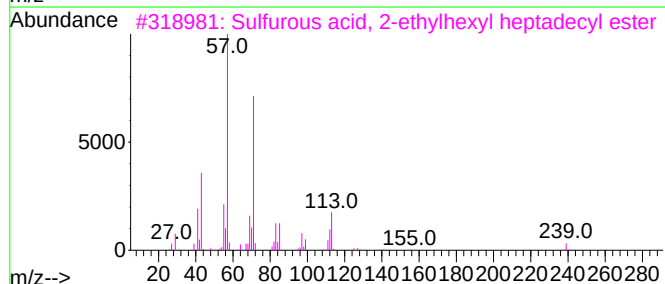
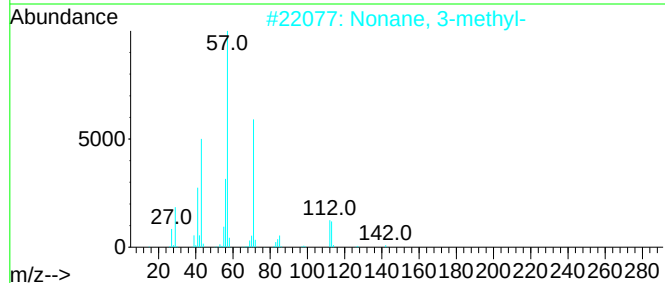
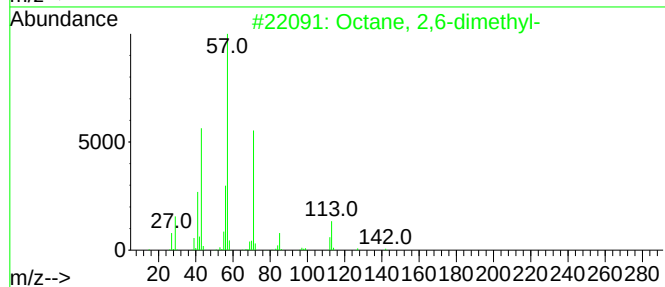
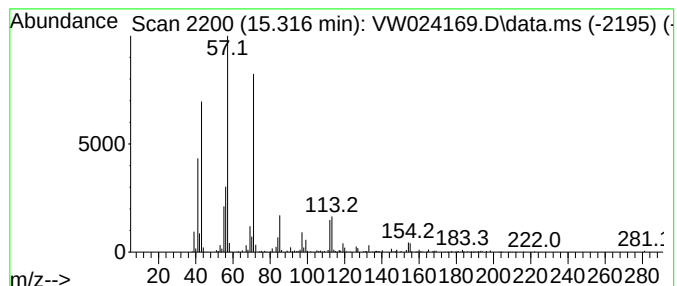
Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.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 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.316	20.11 ug/L	424191	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

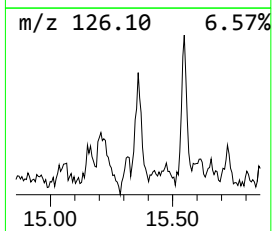
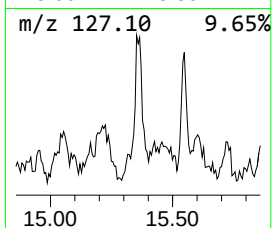
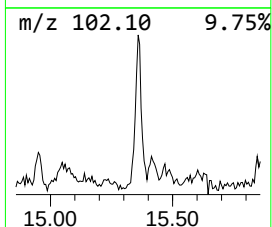
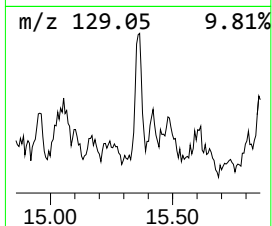
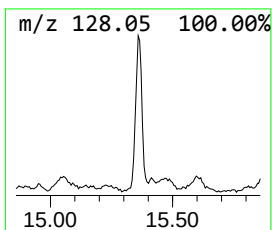
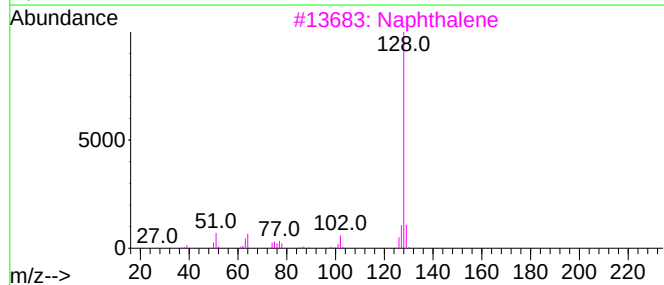
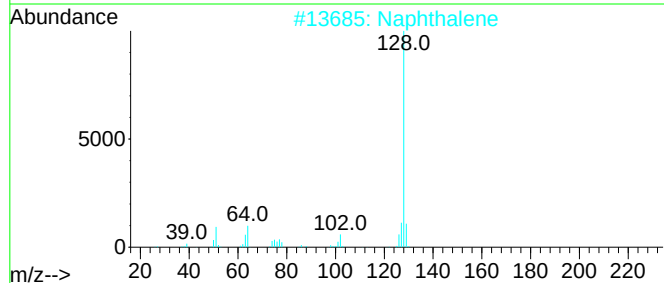
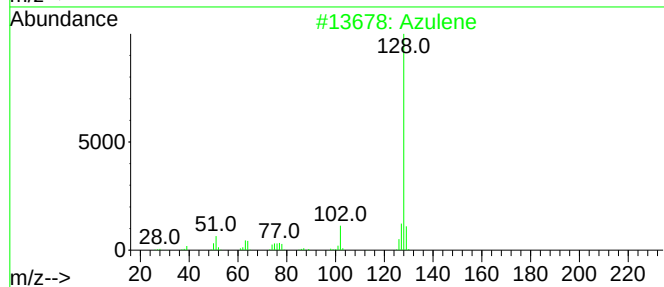
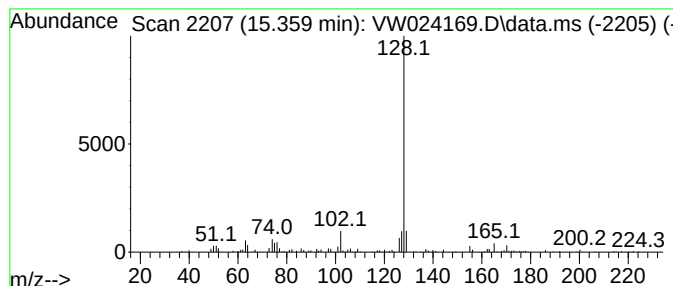
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 Azulene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	3.00 ug/L	63274	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	90
2			Naphthalene	128	C10H8	000091-20-3	87
3			Naphthalene	128	C10H8	000091-20-3	86
4			Azulene	128	C10H8	000275-51-4	72
5			1,2-Benzenedicarbonitrile	128	C8H4N2	000091-15-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

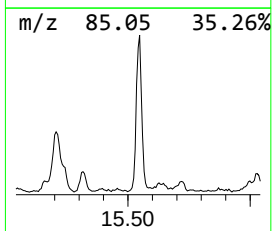
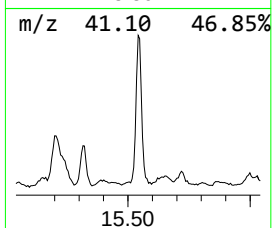
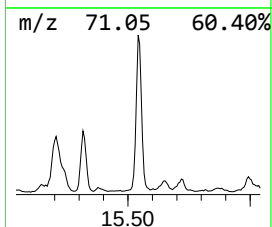
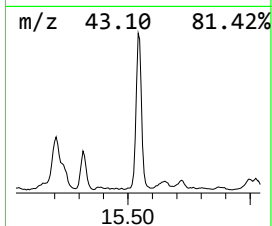
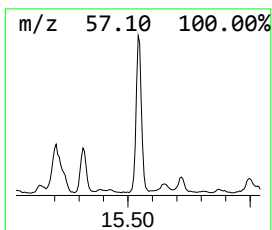
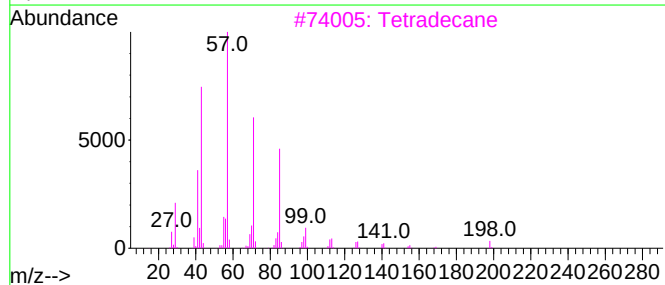
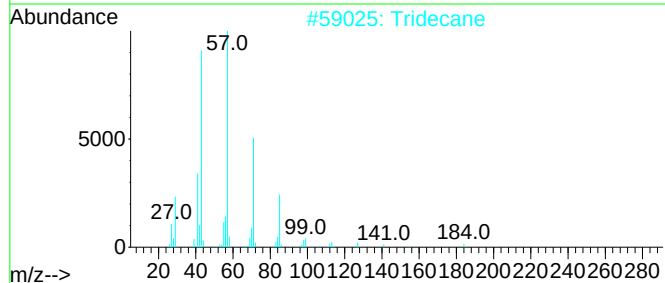
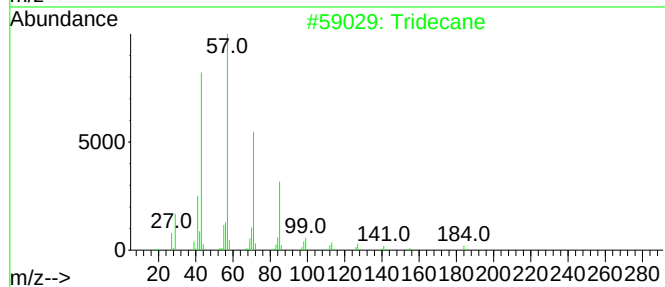
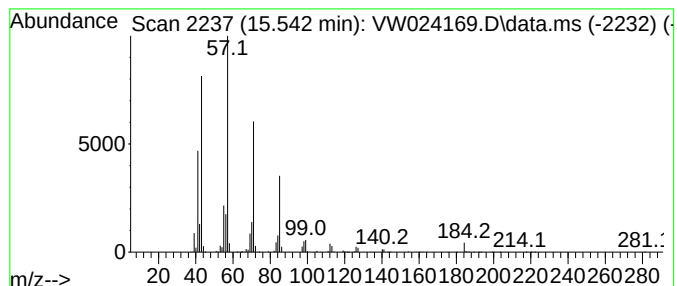
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.542	58.56 ug/L	1235490	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

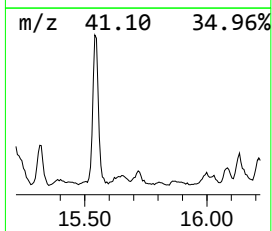
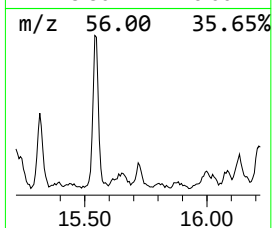
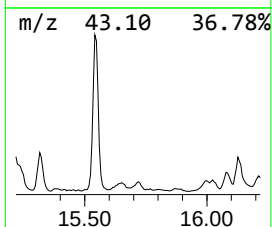
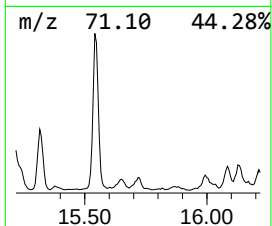
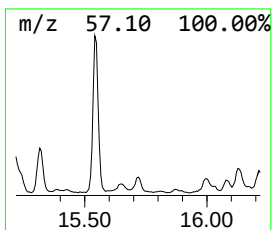
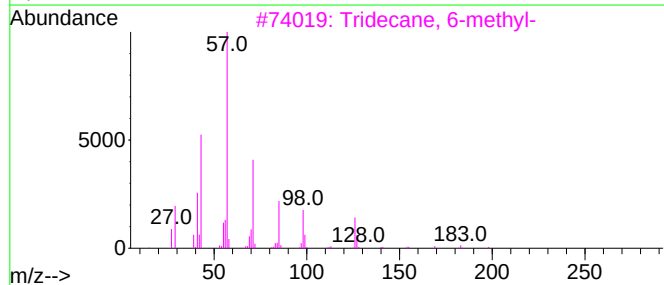
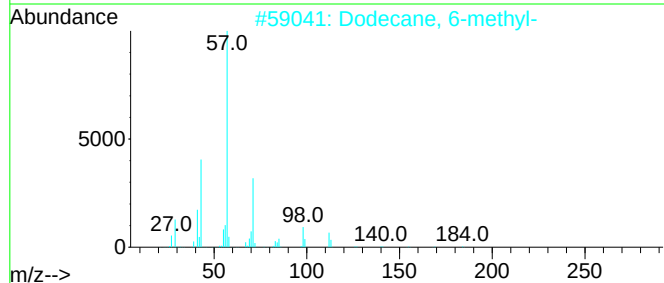
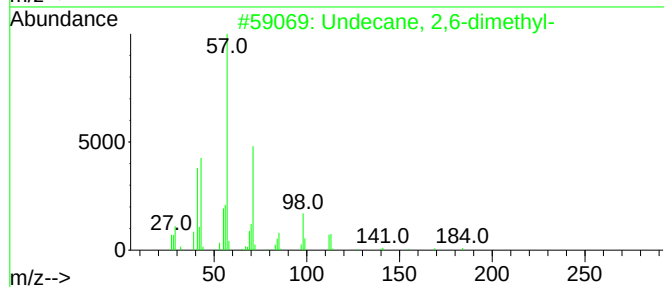
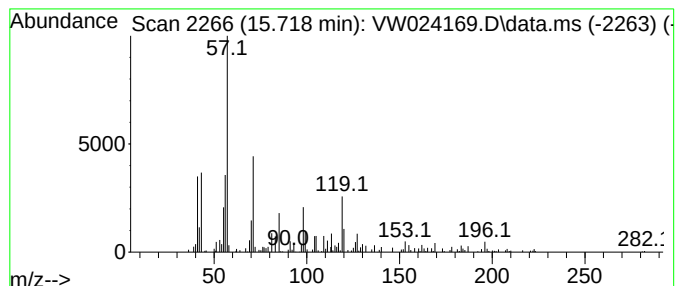
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.718	6.95 ug/L	146608	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

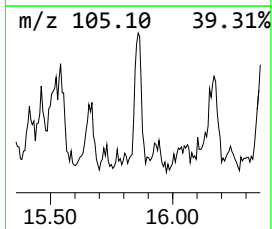
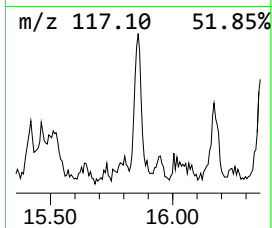
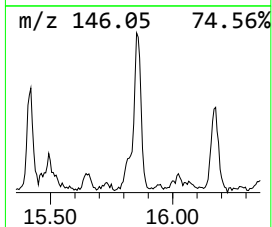
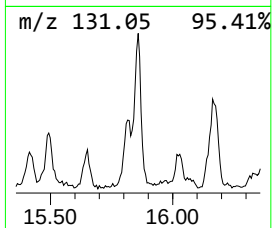
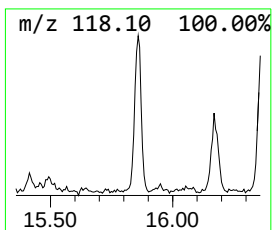
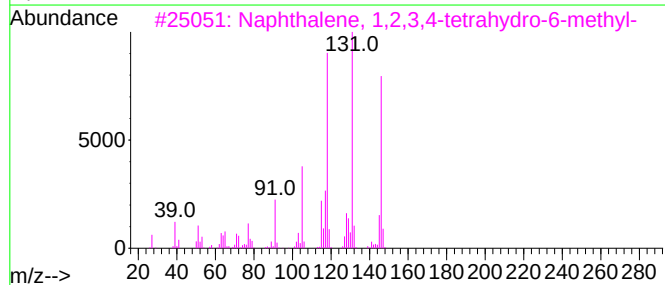
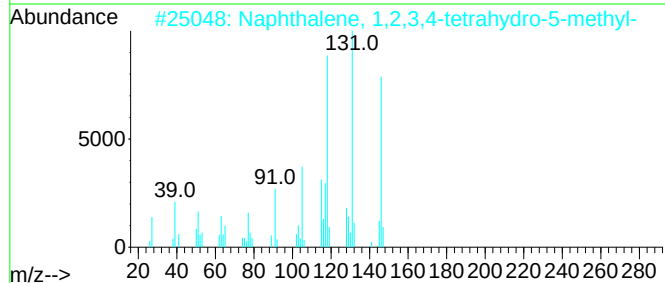
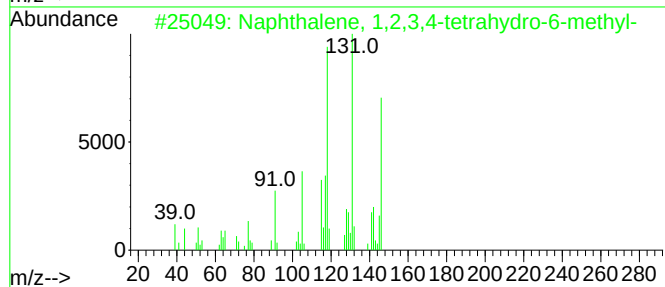
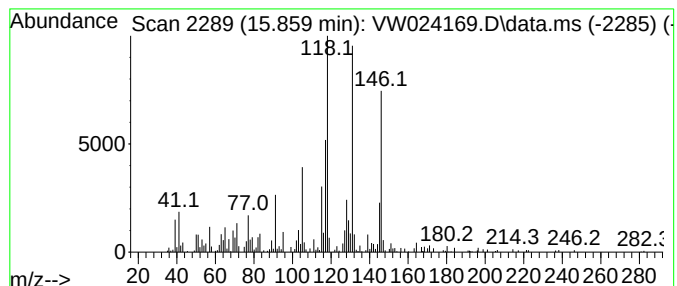
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.859	7.91 ug/L	166904	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	83
5			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

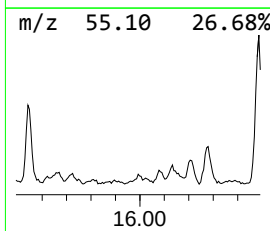
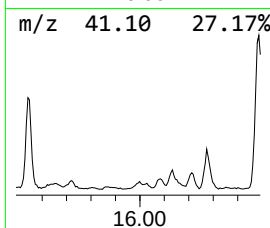
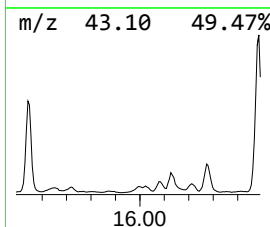
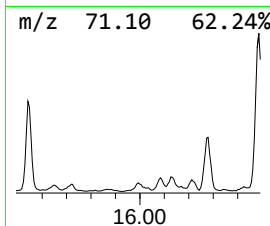
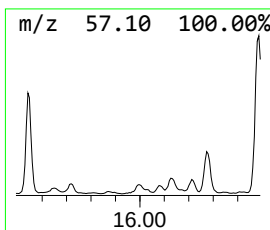
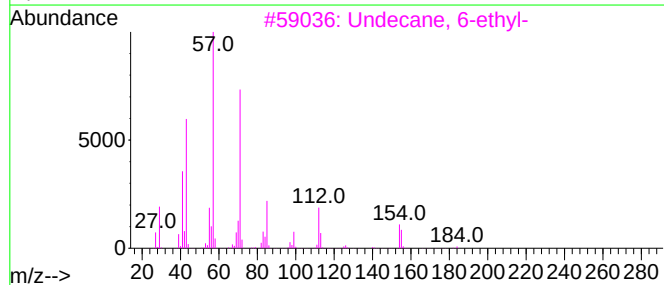
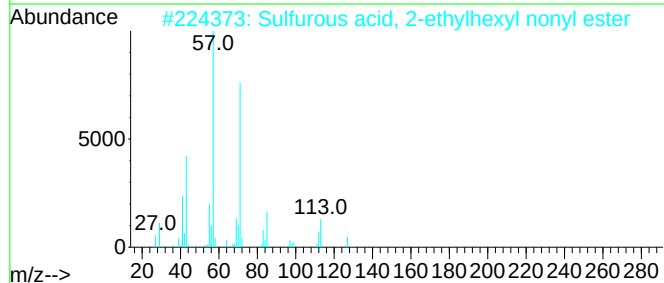
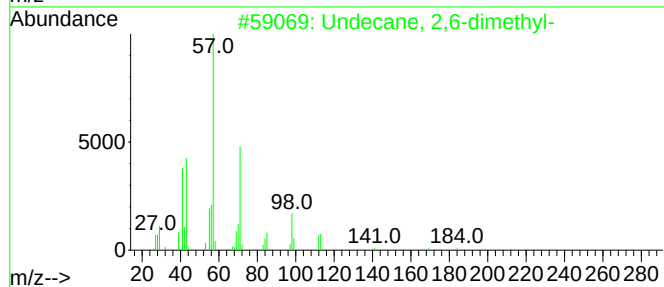
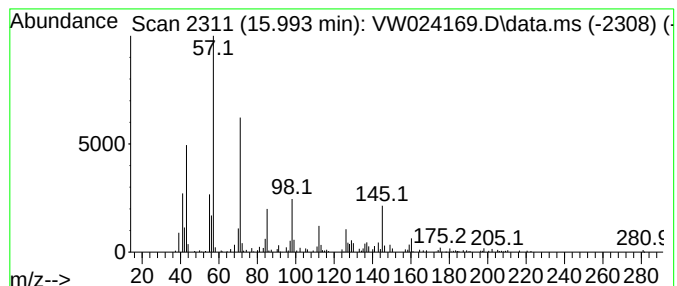
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.993	4.17 ug/L	88025	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	49
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	49
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

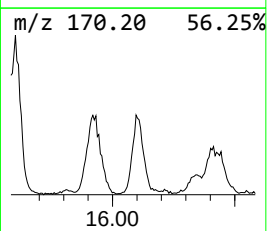
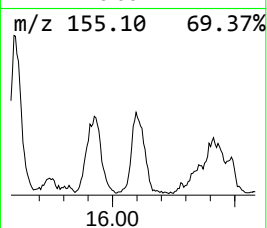
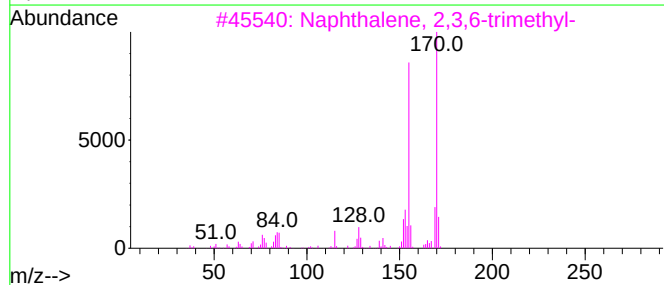
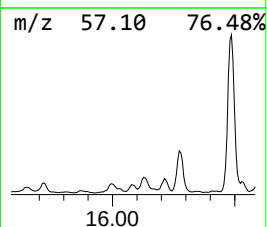
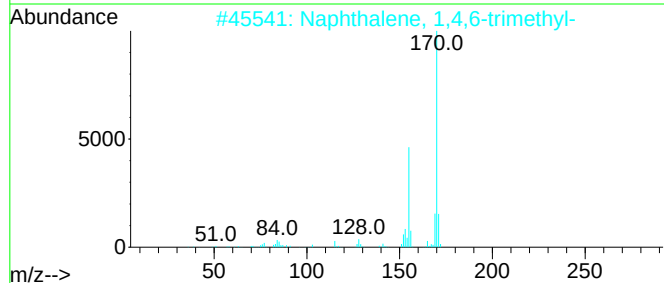
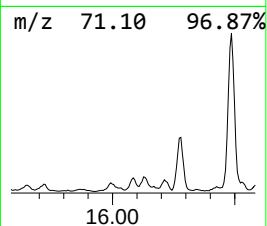
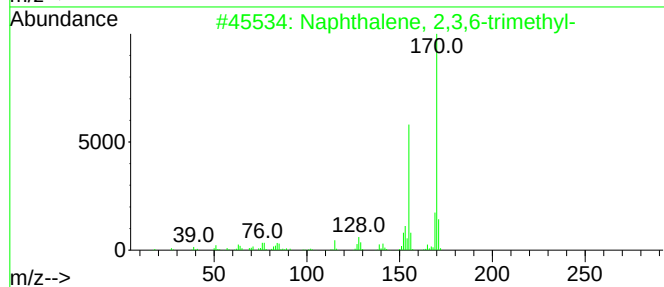
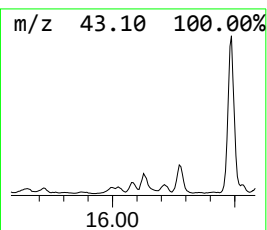
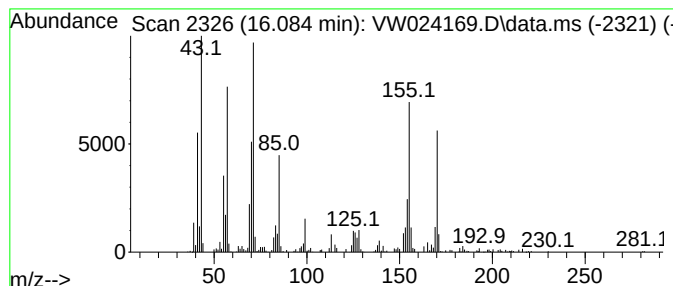
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.084	12.52 ug/L	264125	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	42
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42
5			Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

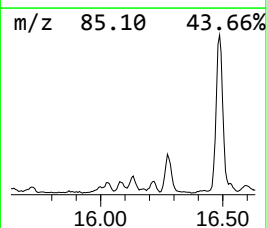
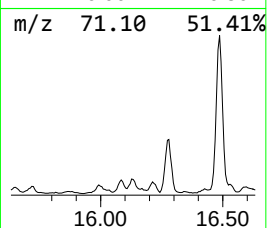
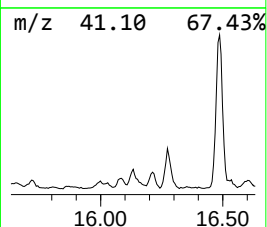
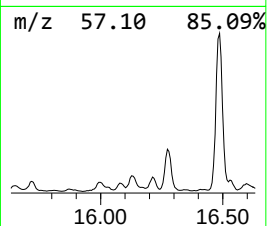
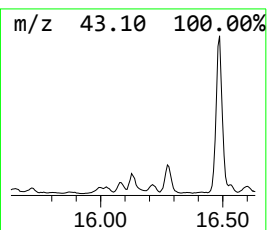
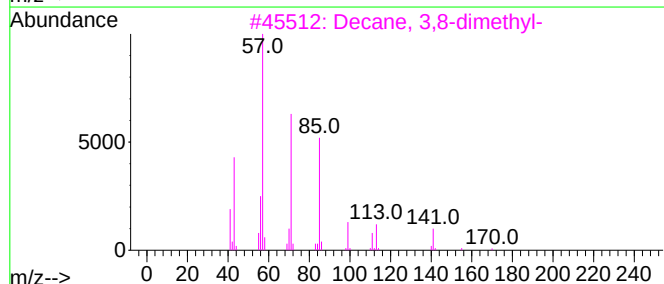
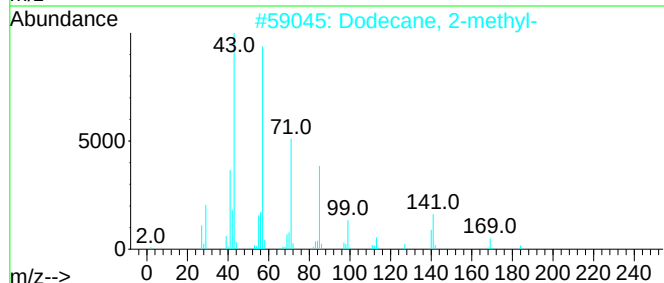
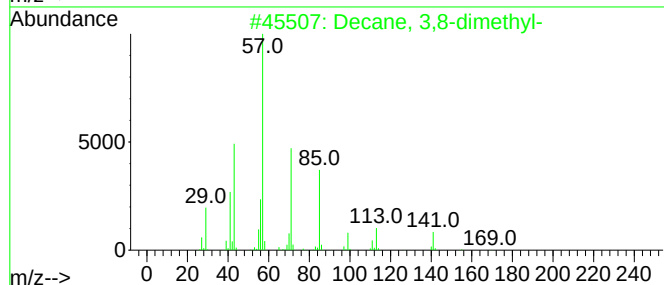
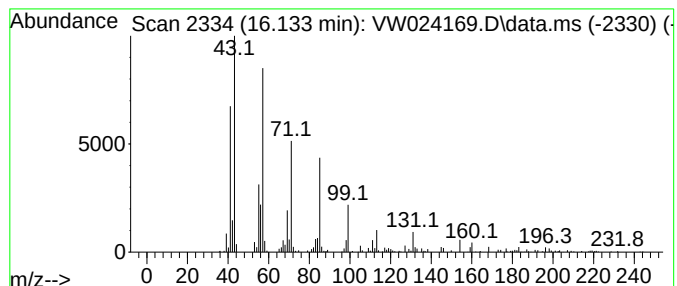
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	8.76 ug/L	184737	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	50
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

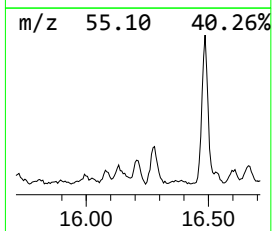
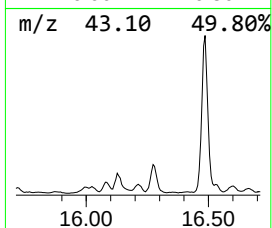
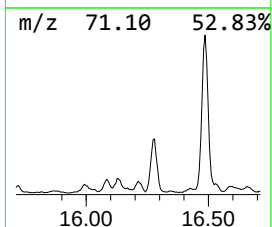
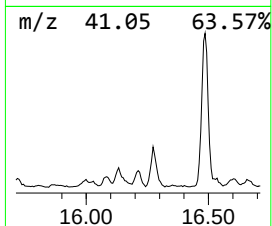
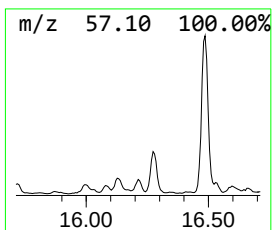
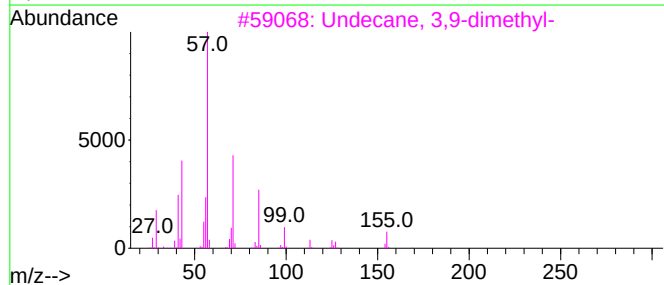
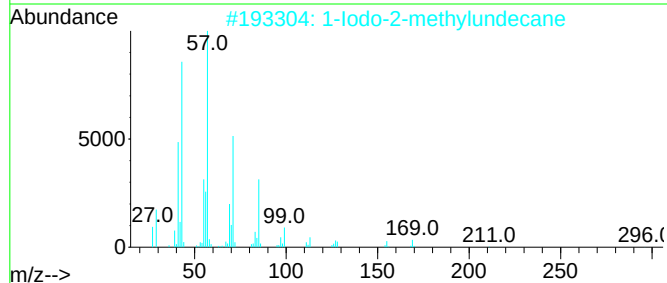
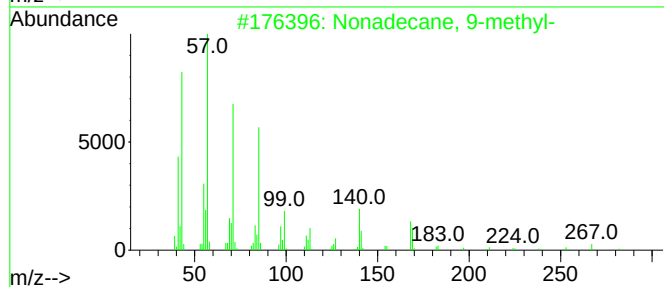
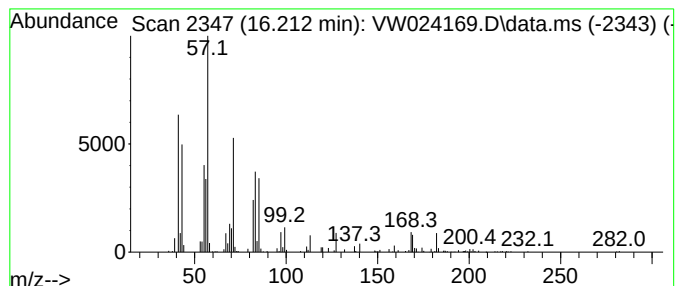
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	13.06 ug/L	275459	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	78
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	52
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
4		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	50
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

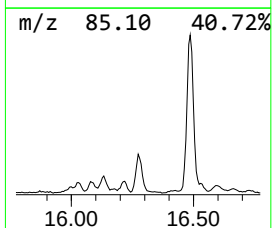
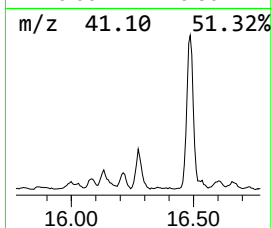
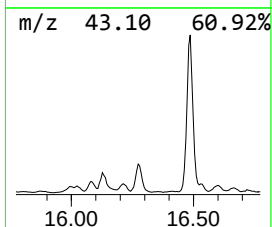
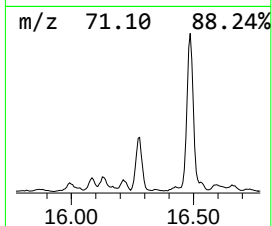
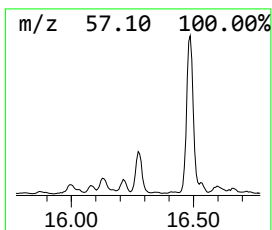
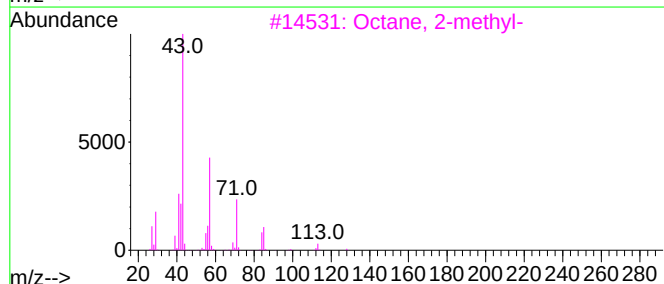
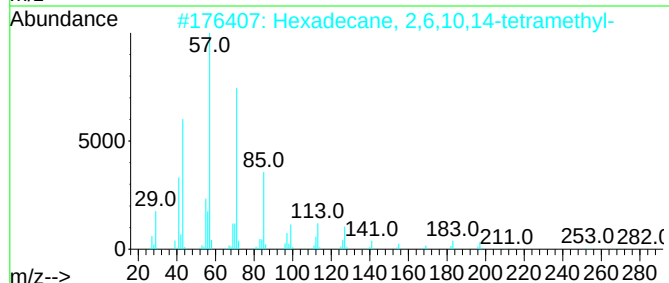
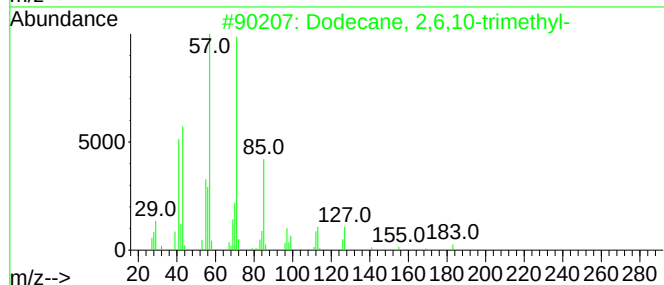
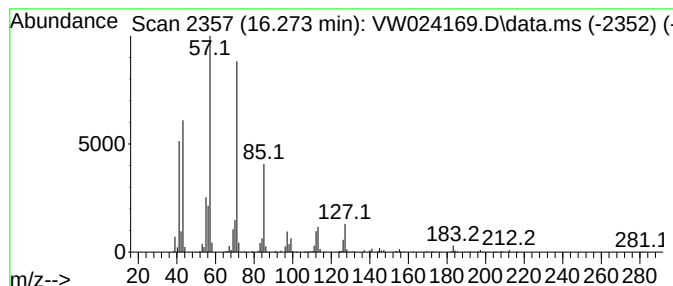
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	31.17 ug/L	657737	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Octane, 2-methyl-	128	C9H20	003221-61-2	81
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
5		Decane, 5-propyl-	184	C13H28	017312-62-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COZE4

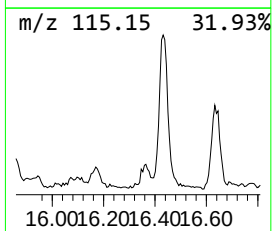
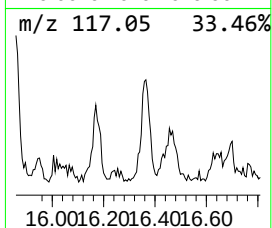
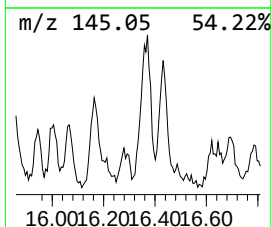
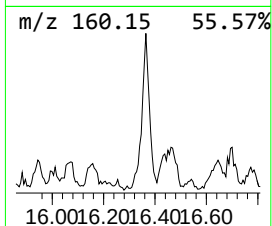
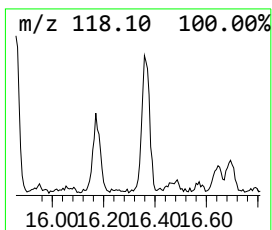
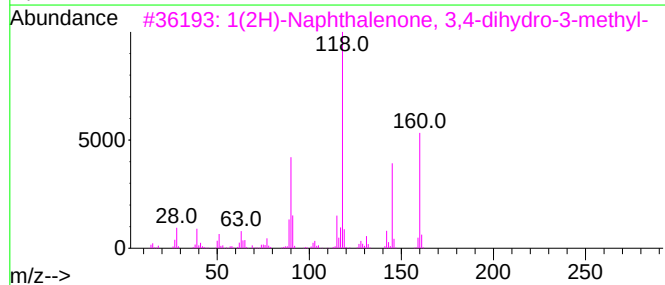
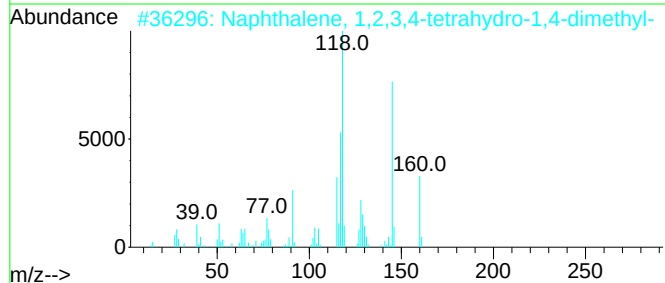
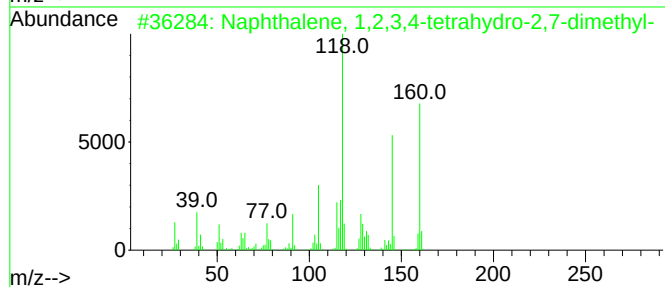
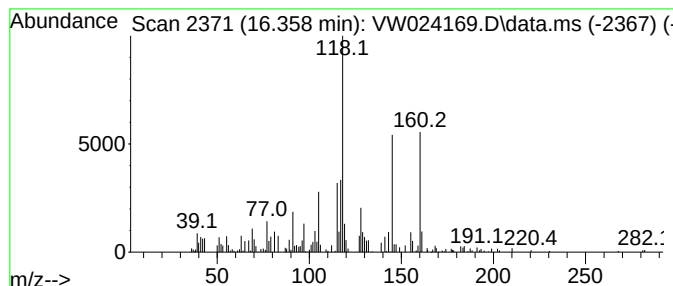
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.358	7.02 ug/L	148020	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
5			4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

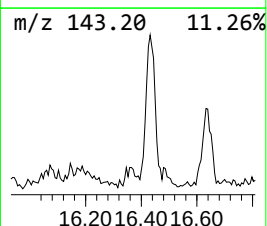
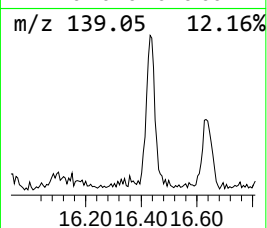
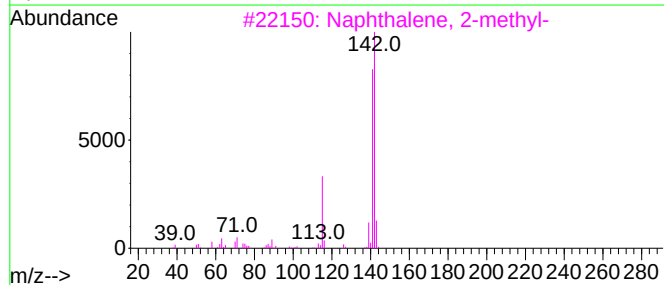
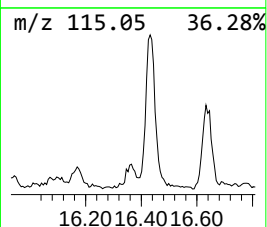
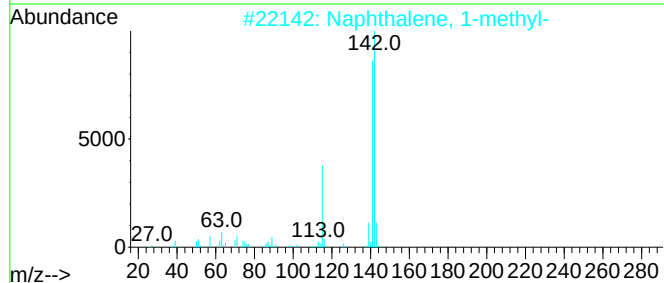
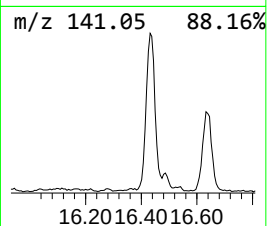
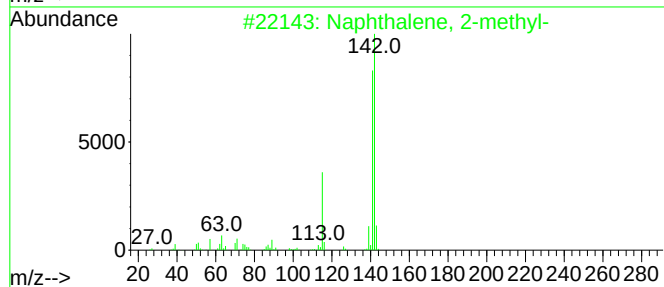
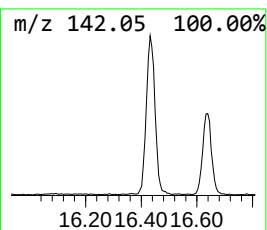
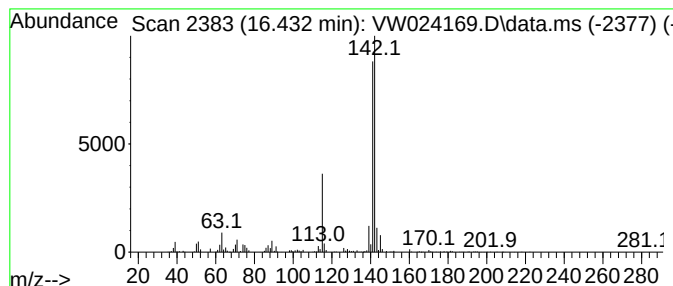
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	24.43 ug/L	515373	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

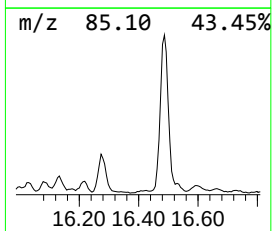
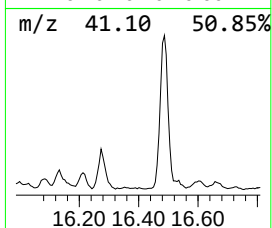
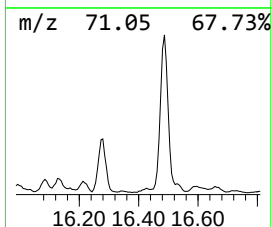
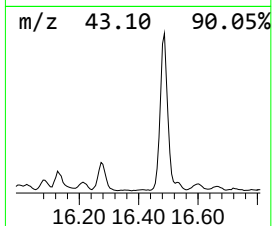
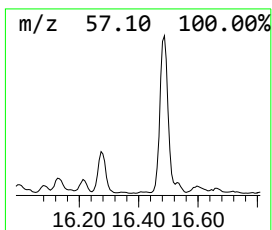
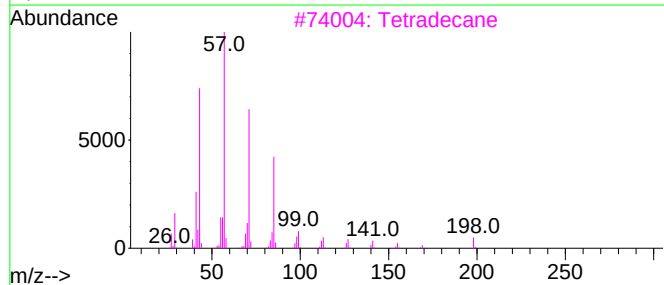
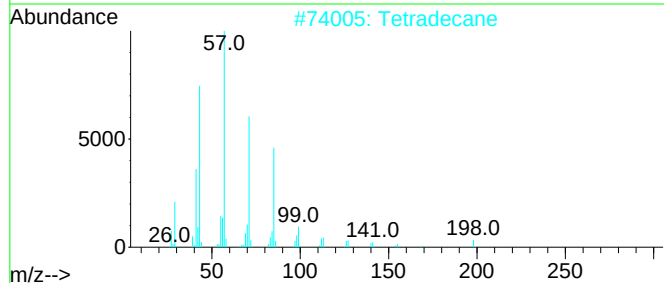
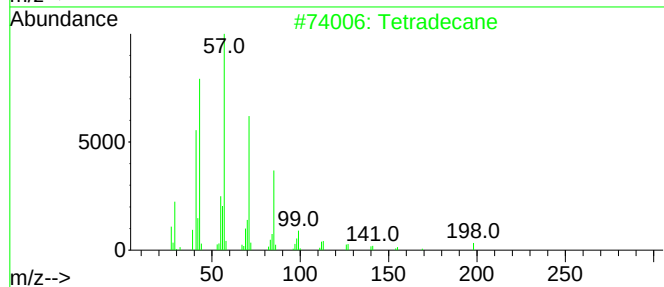
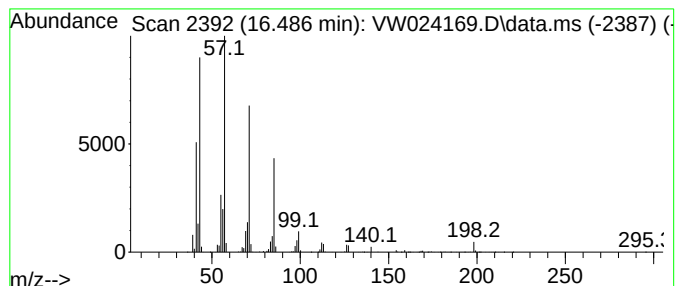
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	111.47 ug/L	2351830	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	95
3		Tetradecane	198	C14H30	000629-59-4	93
4		Dodecane	170	C12H26	000112-40-3	90
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024169.D
Acq On : 04 Aug 2022 18:42
Operator : SY/VA
Sample : N4008-05
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZE4

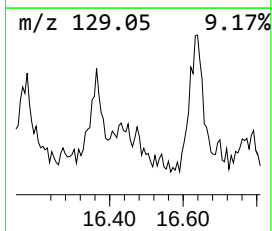
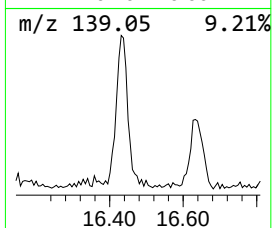
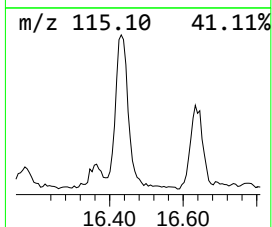
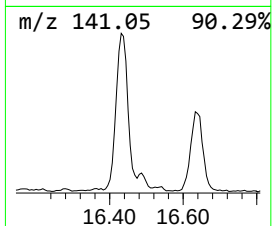
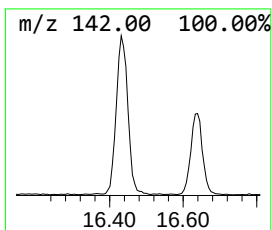
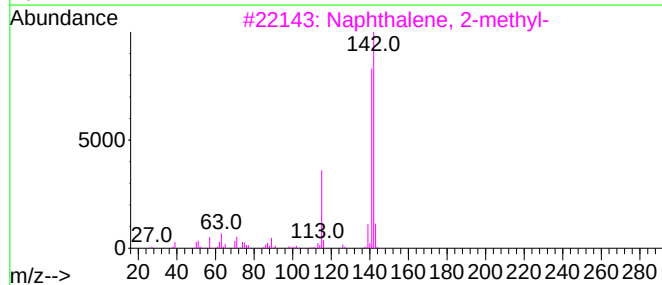
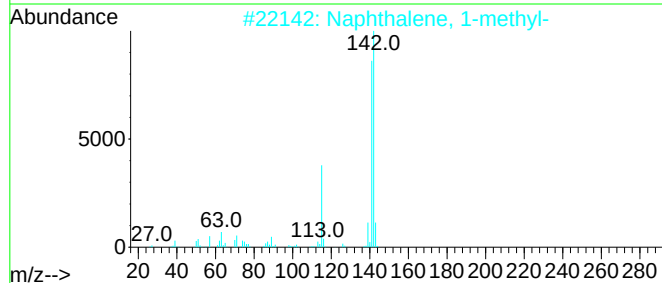
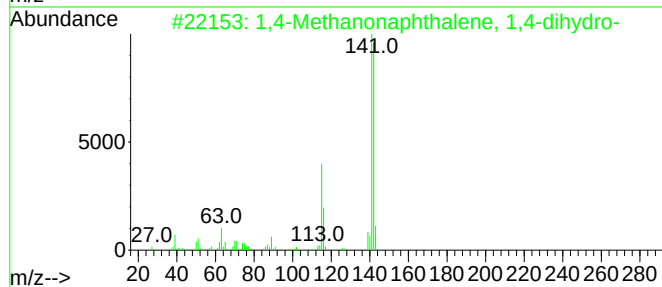
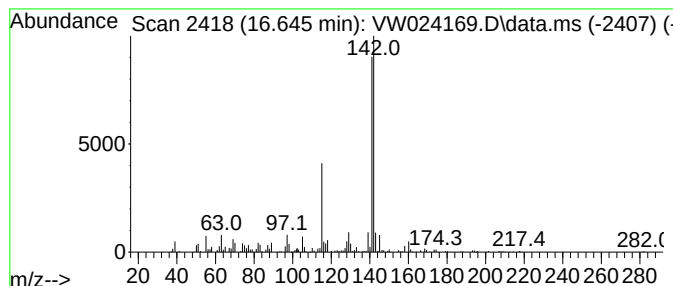
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 1,4-Methanonaphthalene, 1,4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	28.53 ug/L	601959	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	72
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024169.D
 Acq On : 04 Aug 2022 18:42
 Operator : SY/VA
 Sample : N4008-05
 Misc : 6.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethyl-oxetane	5.927	1.4	ug/L	42578	1	8.835	740312	25.0
Naphthalene, 2-...	12.371	4.5	ug/L	130072	2	11.628	720279	25.0
(DEL) Alkane: S...	13.024	91.8	ug/L	1936730	3	13.554	527459	25.0
Naphthalene, 1,...	13.420	72.6	ug/L	1530970	3	13.554	527459	25.0
unknown-01	14.200	5.5	ug/L	115715	3	13.554	527459	25.0
1,1'-Biphenyl, ...	14.499	6.4	ug/L	135717	3	13.554	527459	25.0
(DEL) Alkane: S...	14.719	42.7	ug/L	900895	3	13.554	527459	25.0
(DEL) Alkane: S...	14.834	11.6	ug/L	245238	3	13.554	527459	25.0
Naphthalene, 1,...	14.950	7.8	ug/L	163804	3	13.554	527459	25.0
Naphthalene, 1,...	15.054	12.2	ug/L	257955	3	13.554	527459	25.0
(DEL) Alkane: S...	15.206	49.5	ug/L	1044100	3	13.554	527459	25.0
(DEL) Alkane: S...	15.316	20.1	ug/L	424191	3	13.554	527459	25.0
Azulene	15.359	3.0	ug/L	63274	3	13.554	527459	25.0
(DEL) Alkane: S...	15.542	58.6	ug/L	1235490	3	13.554	527459	25.0
(DEL) Alkane: S...	15.718	7.0	ug/L	146608	3	13.554	527459	25.0
Naphthalene, 1,...	15.859	7.9	ug/L	166904	3	13.554	527459	25.0
(DEL) Alkane: S...	15.993	4.2	ug/L	88025	3	13.554	527459	25.0
unknown-02	16.084	12.5	ug/L	264125	3	13.554	527459	25.0
(DEL) Alkane: S...	16.133	8.8	ug/L	184737	3	13.554	527459	25.0
(DEL) Alkane: S...	16.212	13.1	ug/L	275459	3	13.554	527459	25.0
(DEL) Alkane: S...	16.273	31.2	ug/L	657737	3	13.554	527459	25.0
Naphthalene, 1,...	16.358	7.0	ug/L	148020	3	13.554	527459	25.0
Naphthalene, 2-...	16.432	24.4	ug/L	515373	3	13.554	527459	25.0
(DEL) Alkane: S...	16.486	111.5	ug/L	2351830	3	13.554	527459	25.0
1,4-Methanonaph...	16.645	28.5	ug/L	601959	3	13.554	527459	25.0