

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019891.D
 Acq On : 25 Aug 2021 10:48
 Operator : SY/VA
 Sample : M3526-05
 Misc : 2.46g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7B7

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\SFAMWLM081821SMA.M

Title : SFAM01.0

Signal : TIC: VW019891.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	85	rVB	119510	225333	14.92%	1.411%
2	2.897	156	163	178	rVV	86648	217213	14.38%	1.360%
3	3.038	179	186	201	rVB	25680	70322	4.66%	0.440%
4	3.288	225	227	229	rBV2	336	333	0.02%	0.002%
5	3.312	229	231	235	rVB2	529	484	0.03%	0.003%
6	3.391	239	244	251	rVB5	1615	3986	0.26%	0.025%
7	3.531	261	267	269	rBV	285	581	0.04%	0.004%
8	3.592	274	277	279	rVB3	320	321	0.02%	0.002%
9	3.617	279	281	284	rBV2	305	427	0.03%	0.003%
10	3.678	289	291	293	rBV2	381	375	0.02%	0.002%
11	3.733	296	300	303	rBV3	377	497	0.03%	0.003%
12	3.855	318	320	323	rBV2	269	266	0.02%	0.002%
13	4.019	335	347	359	rBV2	178863	519099	34.36%	3.251%
14	4.379	400	406	407	rBV2	1528	2300	0.15%	0.014%
15	4.909	476	493	514	rBV4	42527	176888	11.71%	1.108%
16	5.159	532	534	537	rVB2	382	357	0.02%	0.002%
17	5.184	537	538	540	rBV	272	264	0.02%	0.002%
18	5.214	540	543	544	rVB2	416	318	0.02%	0.002%
19	5.434	569	579	589	rBV4	4405	15248	1.01%	0.095%
20	5.653	610	615	616	rVB	285	273	0.02%	0.002%
21	5.696	618	622	626	rBV	275	327	0.02%	0.002%
22	5.751	628	631	632	rVV2	385	387	0.03%	0.002%
23	5.775	633	635	637	rVV	818	1087	0.07%	0.007%
24	5.799	637	639	645	rVB	1078	1496	0.10%	0.009%
25	5.946	654	663	671	rBV5	3768	11248	0.74%	0.070%
26	6.311	721	723	726	rVB2	324	326	0.02%	0.002%
27	6.720	777	790	803	rBV2	15633	56487	3.74%	0.354%
28	6.872	805	815	829	rBV3	33600	108035	7.15%	0.677%
29	7.080	840	849	857	rBV	25864	70645	4.68%	0.442%
30	7.299	883	885	886	rBV	283	262	0.02%	0.002%
31	7.543	919	925	926	rBV3	710	1035	0.07%	0.006%
32	7.653	932	943	966	rBV	237860	646150	42.78%	4.047%
33	7.951	986	992	997	rBV5	5659	13128	0.87%	0.082%
34	8.037	997	1006	1020	rVB	189902	488946	32.37%	3.062%
35	8.226	1025	1037	1040	rBV	208123	521314	34.51%	3.265%
36	8.275	1040	1045	1060	rVB2	487347	1397186	92.49%	8.751%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019891.D
 Acq On : 25 Aug 2021 10:48
 Operator : SY/VA
 Sample : M3526-05
 Misc : 2.46g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7B7

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\SFAMWLM081821SMA.M
 Title : SFAM01.0

37	8.421	1060	1069	1076	rBV	80531	199310	13.19%	1.248%
38	8.579	1090	1095	1105	rVB6	4292	9261	0.61%	0.058%
39	8.695	1109	1114	1118	rBV3	759	1362	0.09%	0.009%
40	8.841	1129	1138	1149	rVV	563128	1082666	71.67%	6.781%
41	9.030	1165	1169	1170	rBV	521	586	0.04%	0.004%
42	9.073	1172	1176	1182	rVV5	2157	4235	0.28%	0.027%
43	9.152	1182	1189	1194	rVB	6505	13321	0.88%	0.083%
44	9.299	1199	1213	1223	rBV2	461717	1510576	100.00%	9.461%
45	9.384	1223	1227	1234	rVB	47190	88471	5.86%	0.554%
46	9.469	1234	1241	1252	rVB2	5873	12540	0.83%	0.079%
47	9.610	1252	1264	1277	rVB	323835	655478	43.39%	4.105%
48	9.756	1281	1288	1299	rVB2	24663	51561	3.41%	0.323%
49	9.902	1299	1312	1315	rBV2	34258	77275	5.12%	0.484%
50	9.945	1315	1319	1326	rVB	56087	101684	6.73%	0.637%
51	10.036	1326	1334	1337	rBV	157878	277285	18.36%	1.737%
52	10.079	1337	1341	1348	rVB	156820	293605	19.44%	1.839%
53	10.213	1356	1363	1365	rBV2	42079	75150	4.97%	0.471%
54	10.323	1374	1381	1397	rBV	703204	1361698	90.14%	8.528%
55	10.488	1398	1408	1417	rVB	171873	362130	23.97%	2.268%
56	10.579	1417	1423	1427	rBV2	97841	192739	12.76%	1.207%
57	10.622	1427	1430	1433	rVV	72298	118941	7.87%	0.745%
58	10.664	1433	1437	1446	rVB	159248	277641	18.38%	1.739%
59	10.762	1446	1453	1457	rBV	76162	143279	9.49%	0.897%
60	10.811	1458	1461	1465	rVV	23008	34794	2.30%	0.218%
61	10.847	1465	1467	1471	rVB3	9742	12976	0.86%	0.081%
62	10.926	1471	1480	1490	rBV2	87109	187269	12.40%	1.173%
63	11.030	1492	1497	1501	rBV3	10506	18737	1.24%	0.117%
64	11.115	1506	1511	1512	rBV2	13779	18981	1.26%	0.119%
65	11.146	1512	1516	1522	rVV2	43688	74956	4.96%	0.469%
66	11.231	1522	1530	1535	rVV	222267	400191	26.49%	2.506%
67	11.286	1535	1539	1543	rVV2	43778	75959	5.03%	0.476%
68	11.329	1543	1546	1552	rVB4	35349	59409	3.93%	0.372%
69	11.439	1558	1564	1572	rVB	49372	94191	6.24%	0.590%
70	11.518	1572	1577	1580	rBV6	3435	7283	0.48%	0.046%
71	11.634	1589	1596	1605	rBV	660228	1129293	74.76%	7.073%
72	11.768	1614	1618	1622	rVB2	24861	33706	2.23%	0.211%
73	11.817	1622	1626	1630	rVV5	9185	19297	1.28%	0.121%
74	11.884	1631	1637	1647	rVB5	52524	160155	10.60%	1.003%
75	11.975	1647	1652	1657	rBV7	12346	21222	1.40%	0.133%
76	12.042	1657	1663	1671	rVB	29620	54167	3.59%	0.339%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019891.D
 Acq On : 25 Aug 2021 10:48
 Operator : SY/VA
 Sample : M3526-05
 Misc : 2.46g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7B7

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\SFAMWLM081821SMA.M
 Title : SFAM01.0

77	12.140	1671	1679	1684	rBV4	30793	73845	4.89%	0.462%
78	12.201	1685	1689	1700	rVB5	20552	57012	3.77%	0.357%
79	12.304	1700	1706	1707	rBV3	10145	16252	1.08%	0.102%
80	12.341	1707	1712	1721	rVB7	19815	50845	3.37%	0.318%
81	12.609	1751	1756	1762	rVB5	7817	18022	1.19%	0.113%
82	12.694	1762	1770	1776	rBV	183581	309823	20.51%	1.940%
83	12.780	1779	1784	1790	rVB3	23676	42716	2.83%	0.268%
84	12.859	1792	1797	1803	rBV7	4864	11795	0.78%	0.074%
85	13.079	1830	1833	1837	rVB5	3676	5056	0.33%	0.032%
86	13.200	1844	1853	1858	rBV6	9406	21519	1.42%	0.135%
87	13.255	1858	1862	1865	rBV4	3989	6457	0.43%	0.040%
88	13.560	1905	1912	1926	rBV	462131	772259	51.12%	4.837%
89	13.853	1953	1960	1969	rBV	350469	588147	38.94%	3.684%
90	14.066	1990	1995	2005	rBV	16653	34325	2.27%	0.215%
91	14.261	2024	2027	2033	rVB8	4326	8039	0.53%	0.050%
92	14.341	2033	2040	2044	rBV3	7358	17373	1.15%	0.109%
93	14.389	2044	2048	2059	rVB3	5849	13827	0.92%	0.087%
94	14.804	2110	2116	2120	rBV8	3684	8116	0.54%	0.051%
95	14.920	2133	2135	2138	rBV4	1404	1944	0.13%	0.012%
96	15.054	2152	2157	2161	rBV8	3215	6311	0.42%	0.040%
97	15.316	2197	2200	2205	rBV5	4245	5987	0.40%	0.037%
98	15.487	2224	2228	2237	rVB	8923	18781	1.24%	0.118%
99	15.724	2263	2267	2275	rBV10	2570	6094	0.40%	0.038%
100	15.798	2275	2279	2286	rVB10	3060	5840	0.39%	0.037%

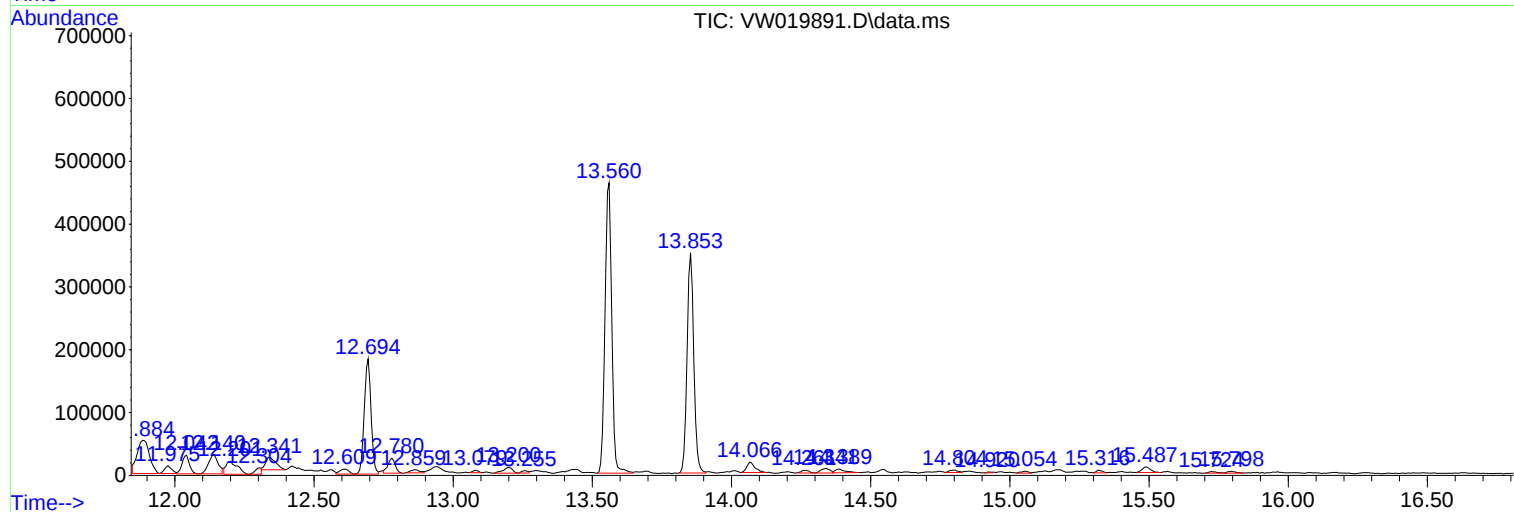
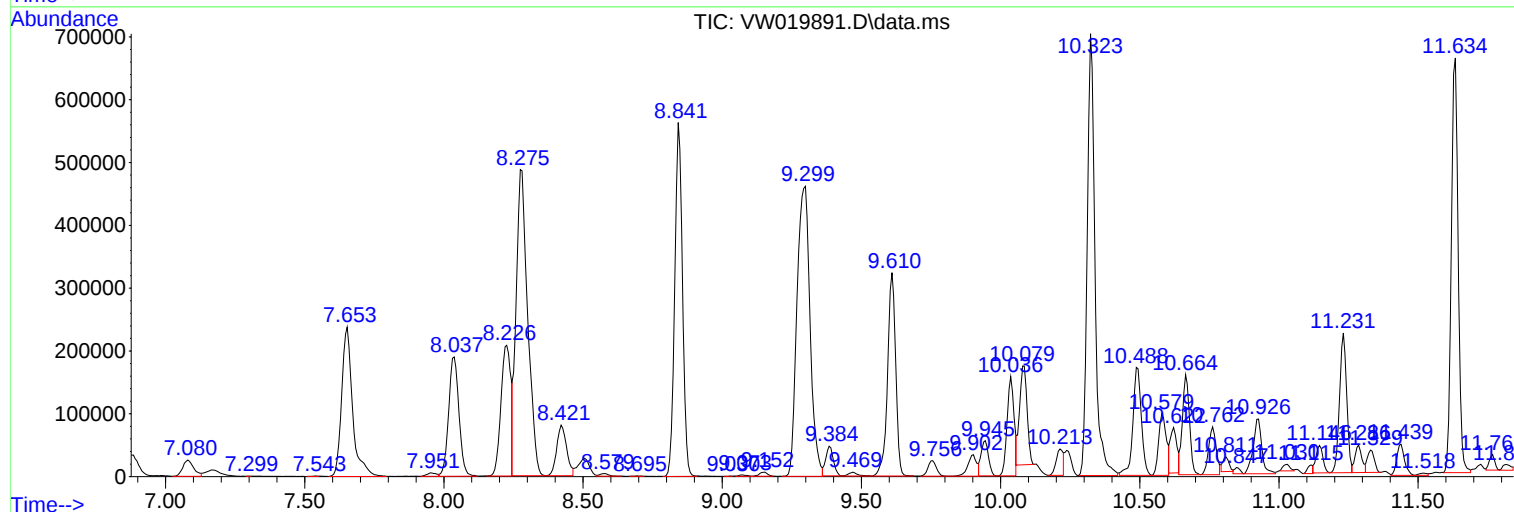
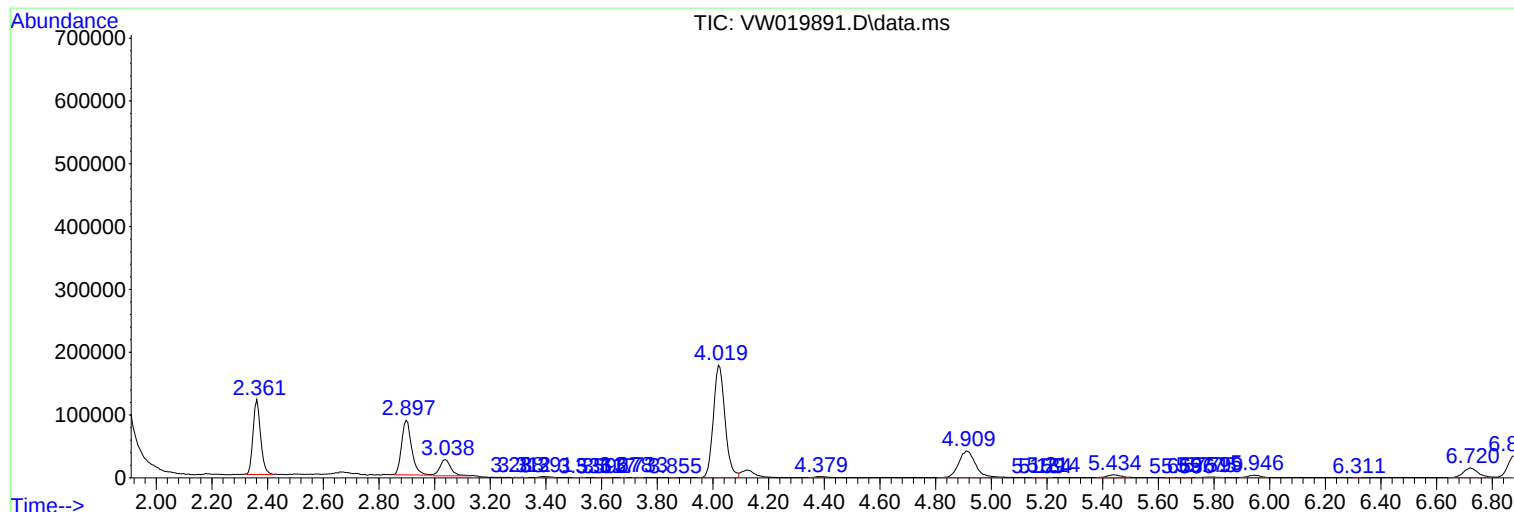
Sum of corrected areas: 15966709

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

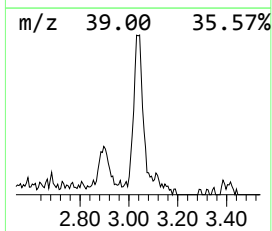
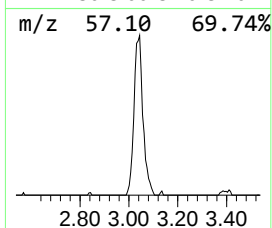
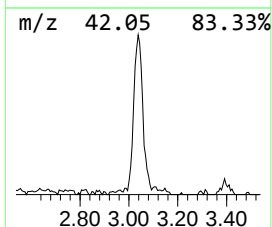
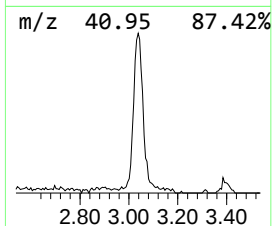
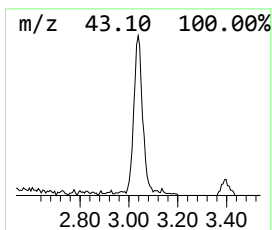
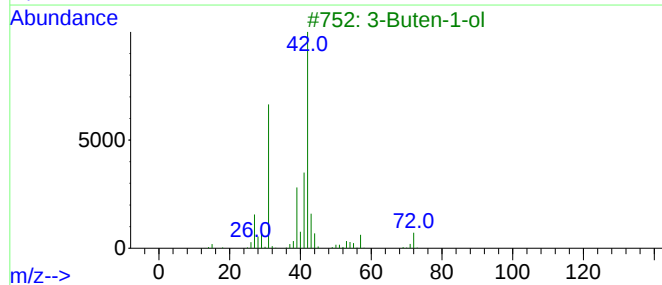
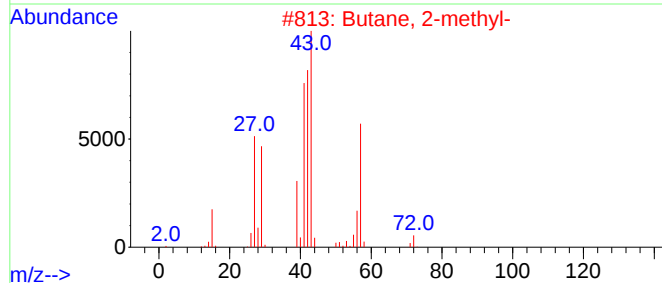
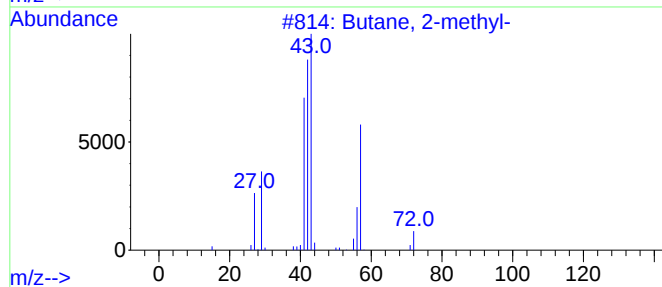
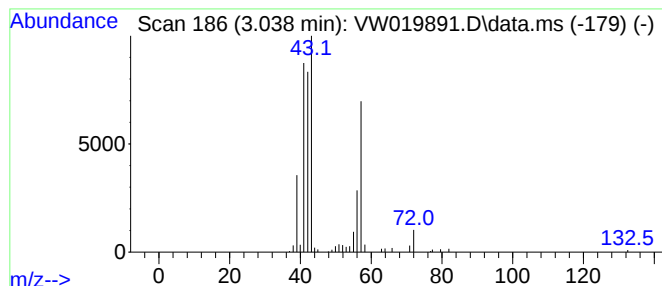
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	1.62 ug/L	70322	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	80
2			Butane, 2-methyl-	72	C5H12	000078-78-4	80
3			3-Buten-1-ol	72	C4H8O	000627-27-0	25
4			Butane, 1-isocyano-	83	C5H9N	002769-64-4	12
5			Butane, 1-isocyano-	83	C5H9N	002769-64-4	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

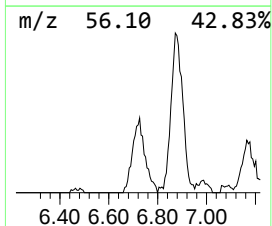
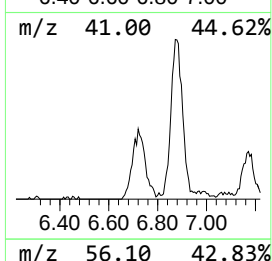
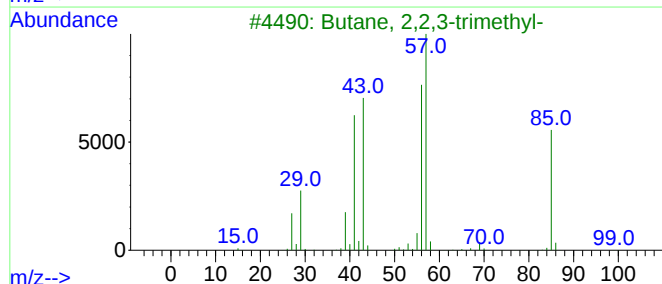
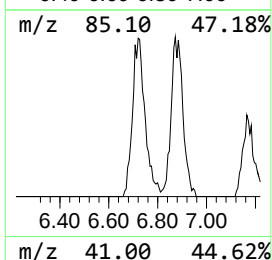
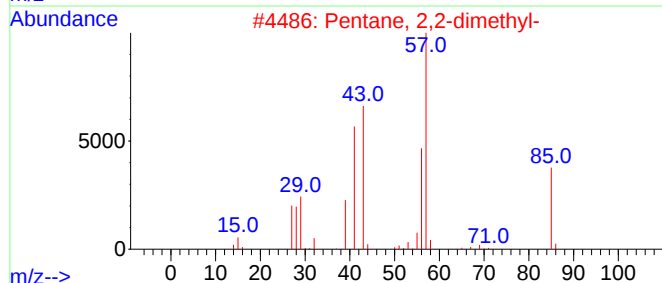
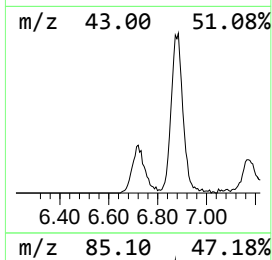
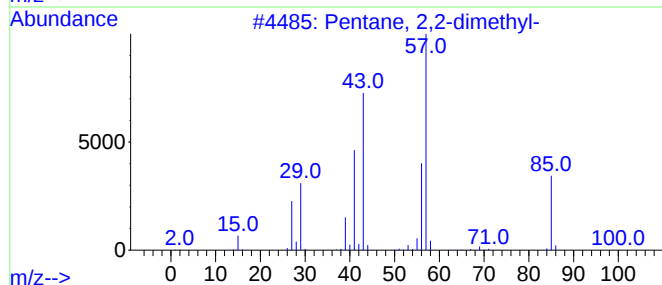
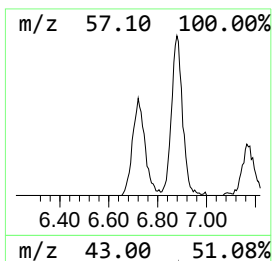
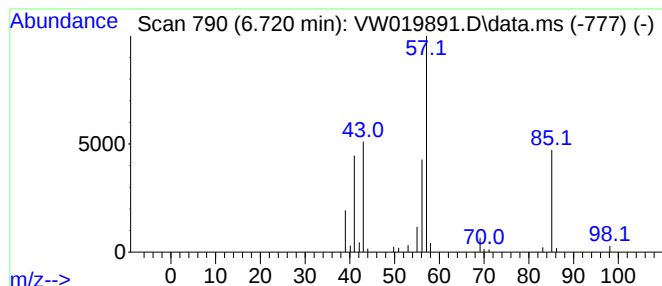
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.720	1.30 ug/L	56487	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

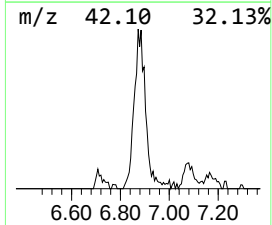
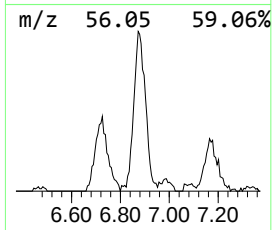
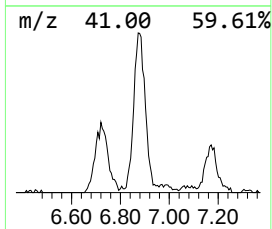
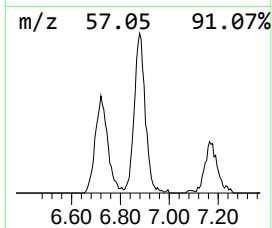
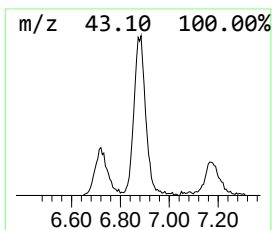
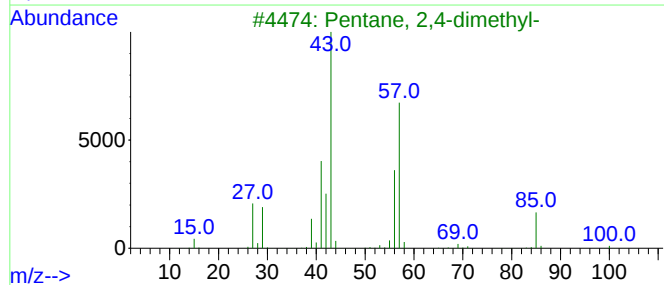
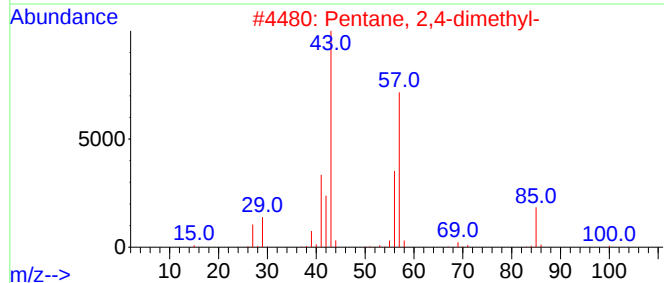
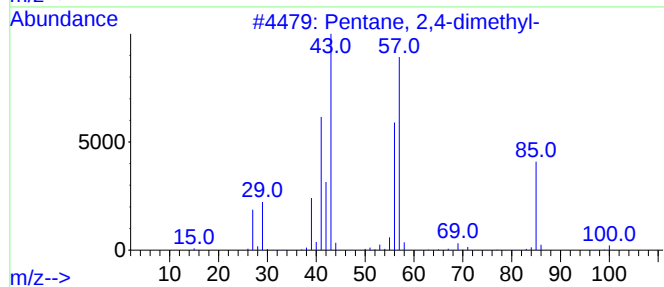
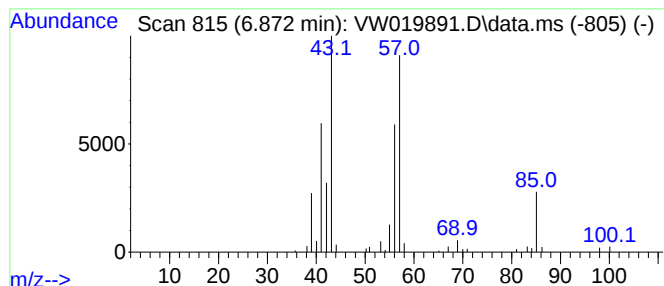
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.872	2.49 ug/L	108035	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
3			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5			Heptane, 3-methyl-	114	C8H18	000589-81-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

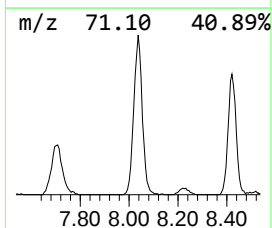
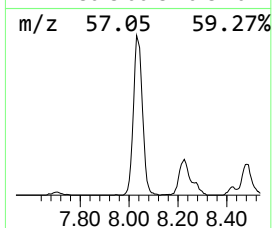
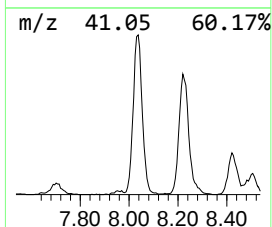
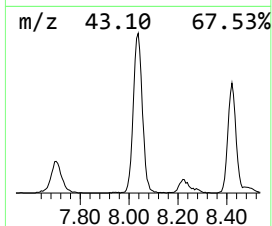
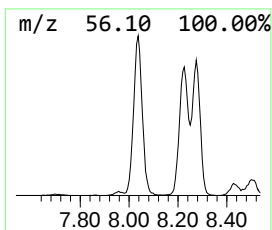
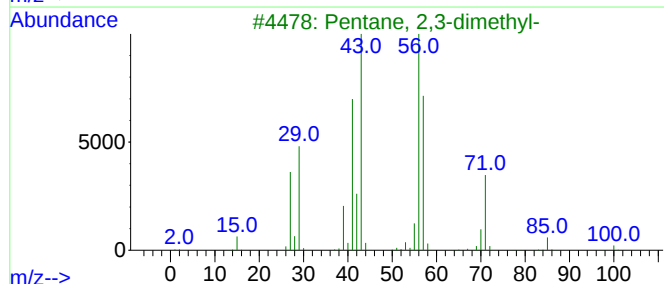
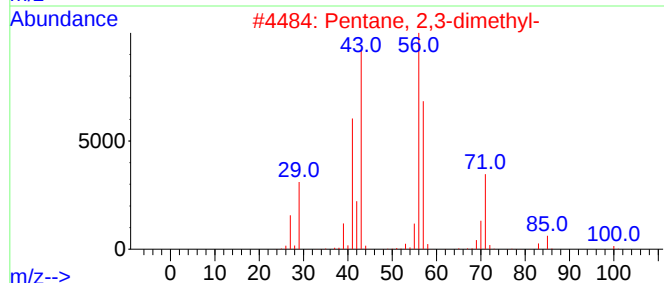
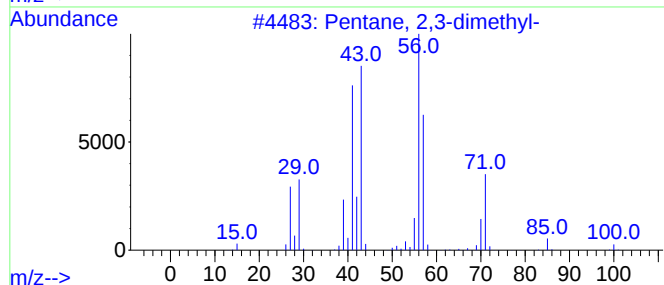
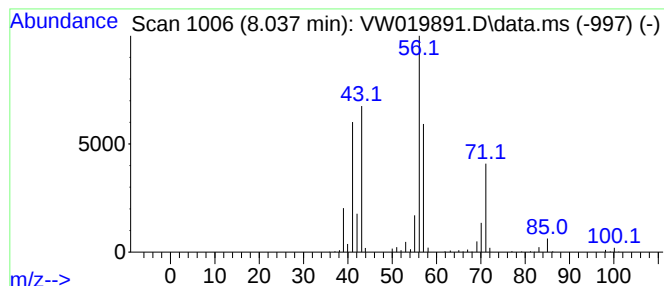
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	11.29 ug/L	488946	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
5		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

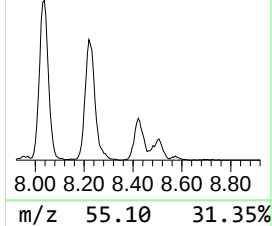
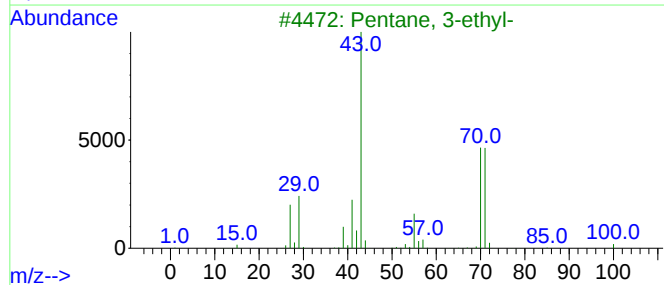
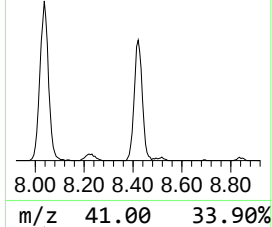
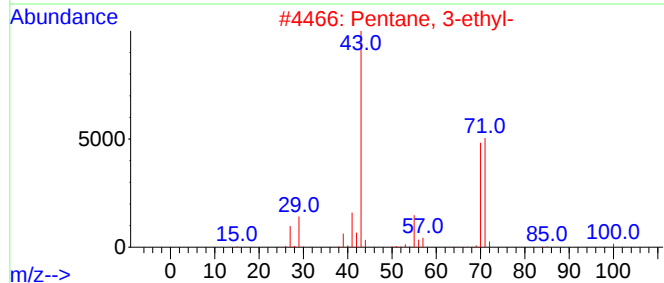
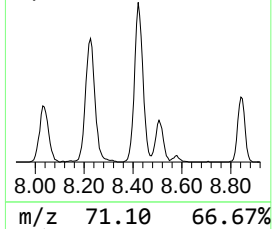
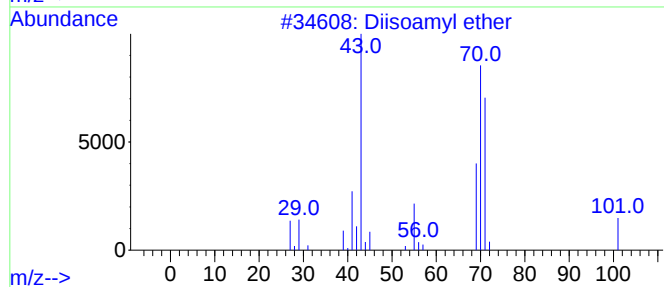
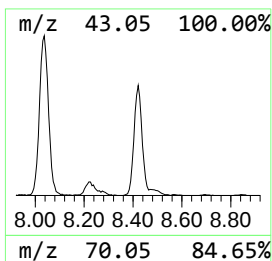
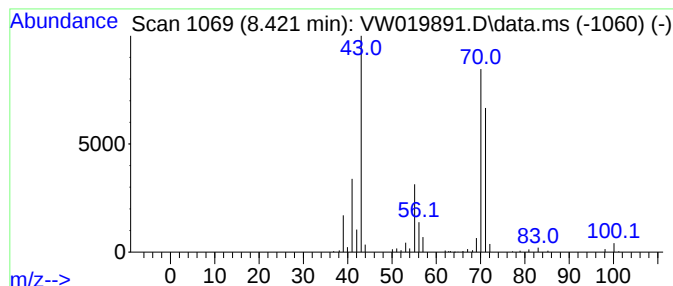
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Diisoamyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.421	4.60 ug/L	199310	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisoamyl ether	158	C10H22O	000544-01-4	78
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
4			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

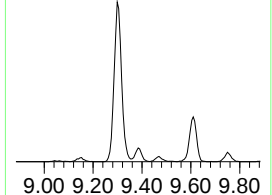
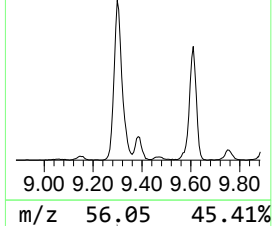
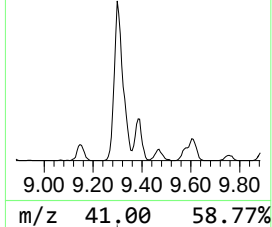
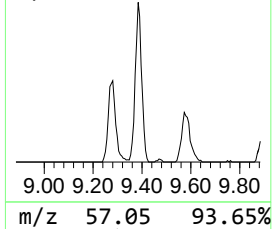
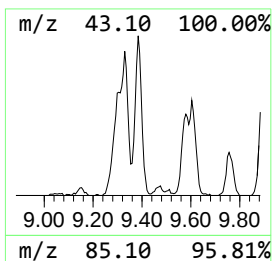
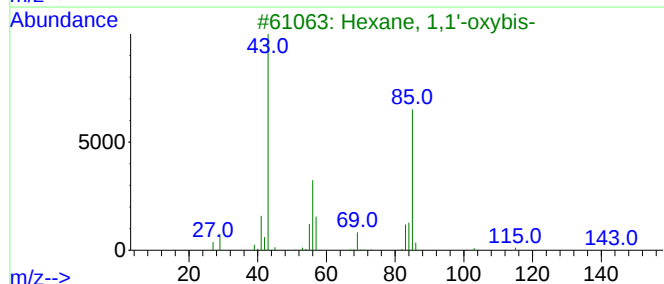
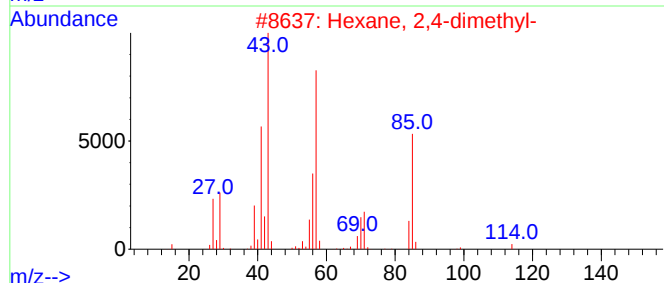
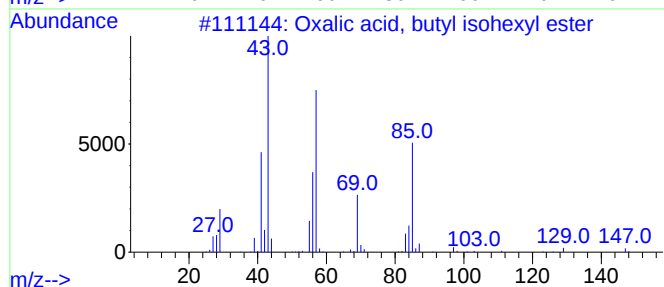
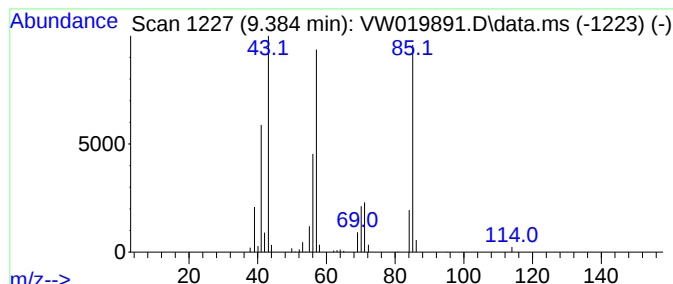
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Oxalic acid, butyl isohexyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.384	2.04 ug/L	88471	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4			2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	53
5			2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

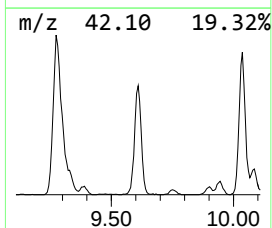
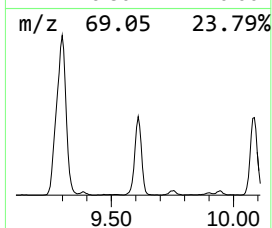
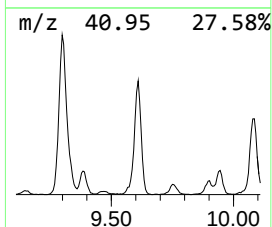
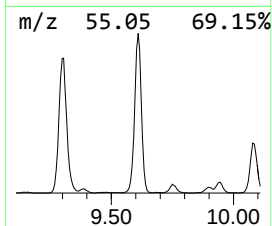
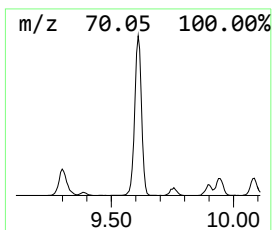
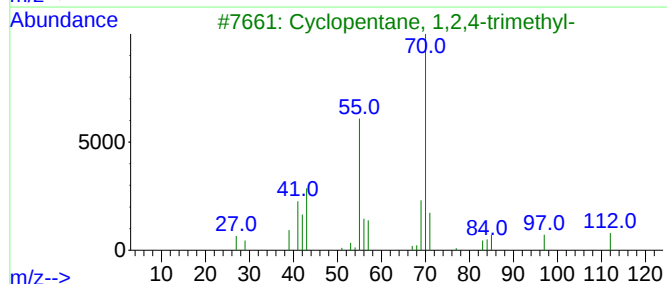
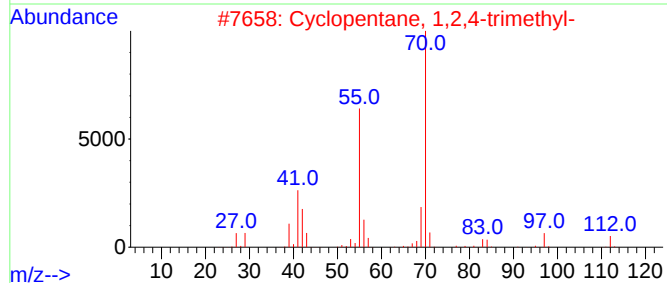
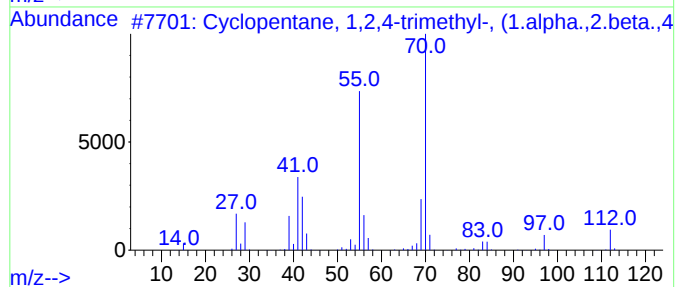
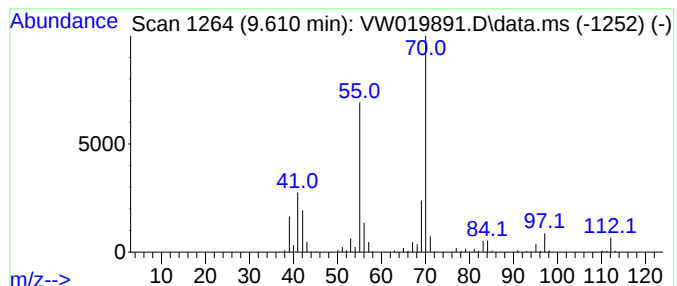
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic9.610 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	15.14 ug/L	655478	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	74
5			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

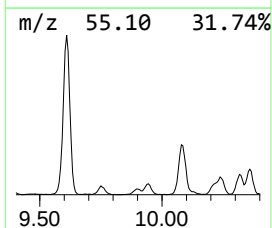
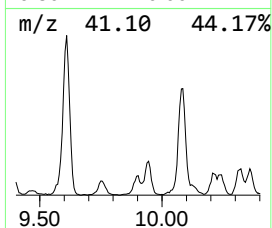
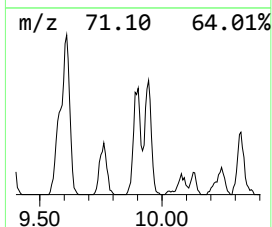
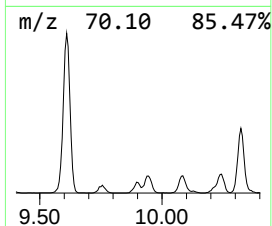
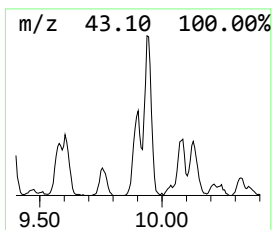
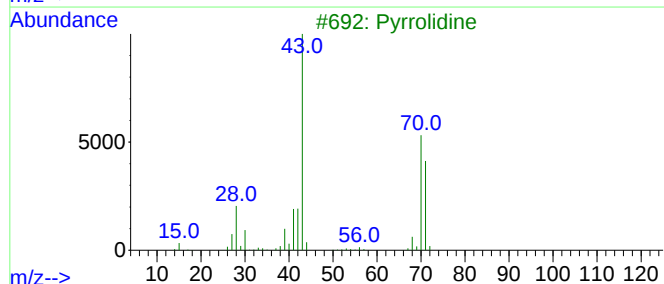
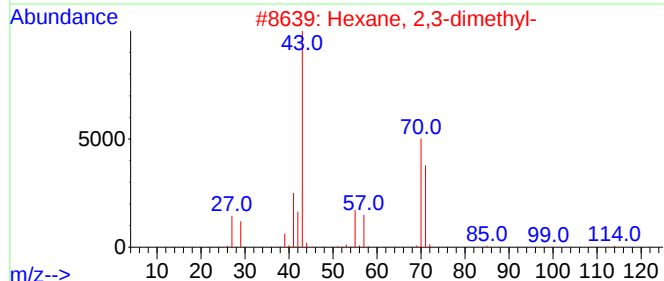
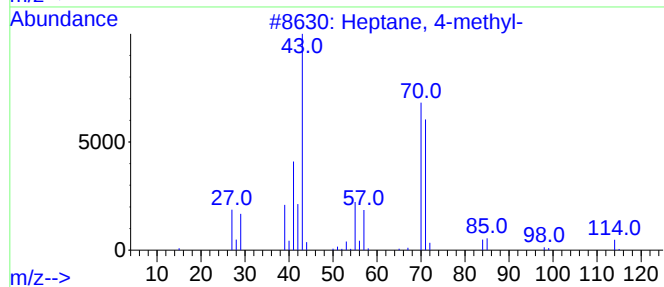
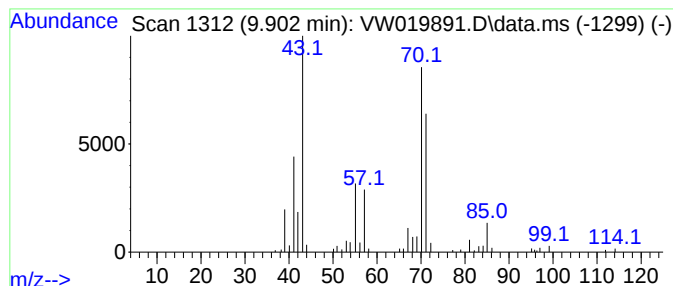
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.902	1.78 ug/L	77275	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-methyl-	114	C8H18	000589-53-7	80
2			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72
3			Pyrrolidine	71	C4H9N	000123-75-1	72
4			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

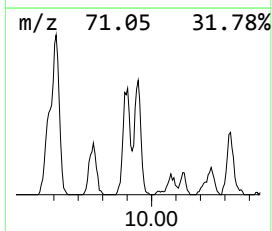
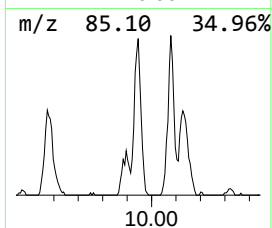
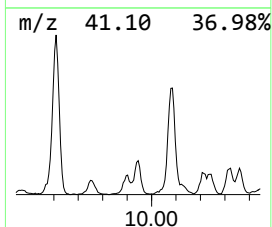
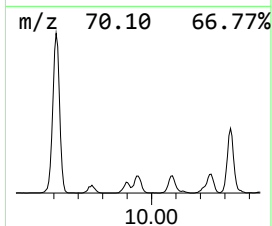
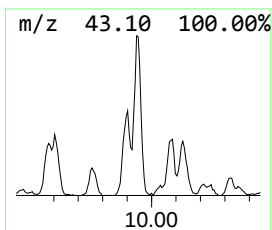
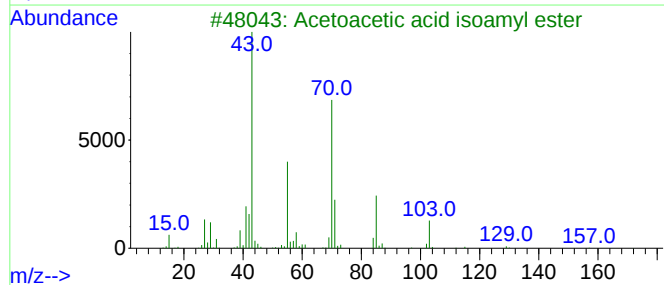
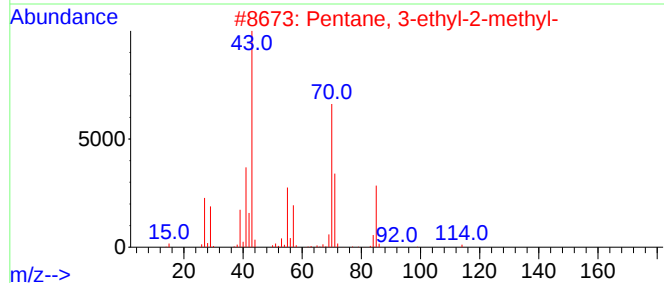
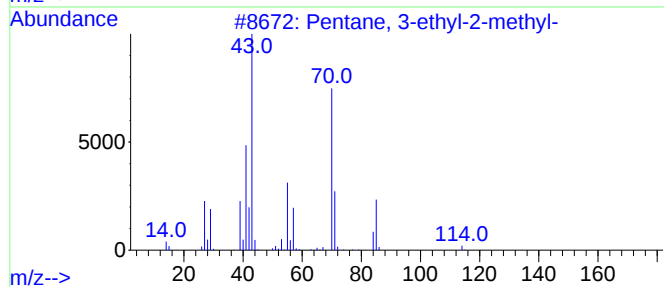
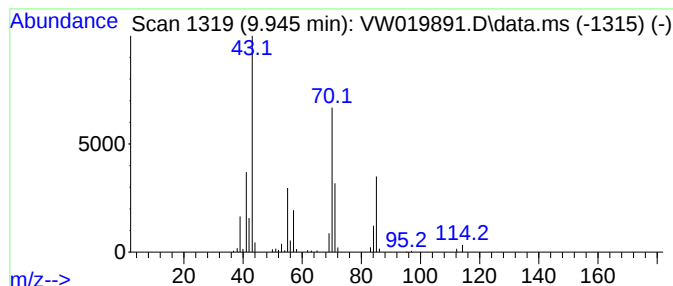
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	2.35 ug/L	101684	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	90
2			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	90
3			Acetoacetic acid isoamyl ester	172	C9H16O3	002308-18-1	78
4			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	58
5			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

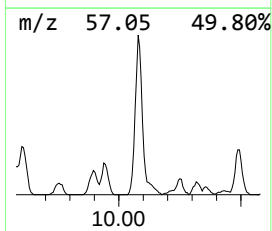
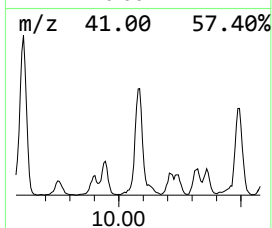
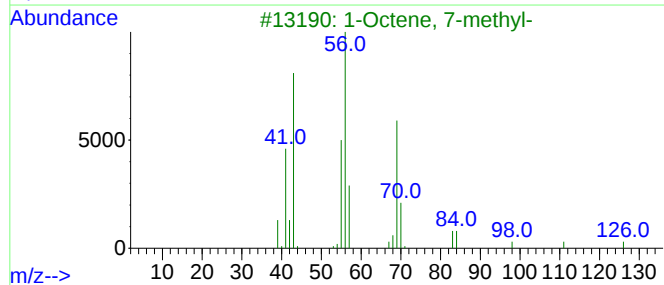
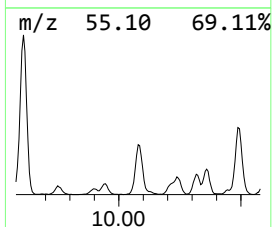
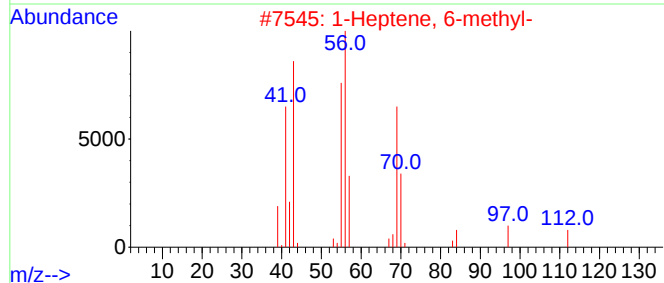
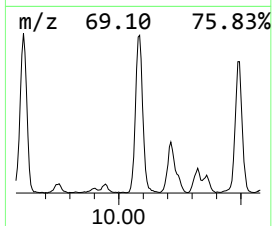
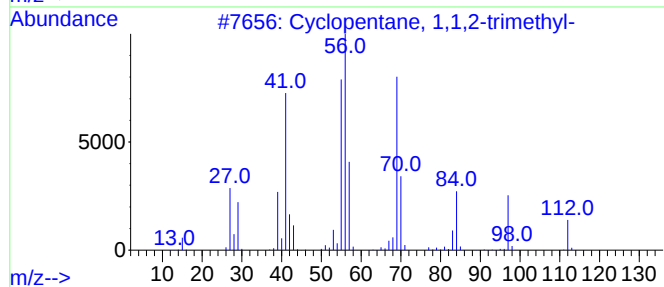
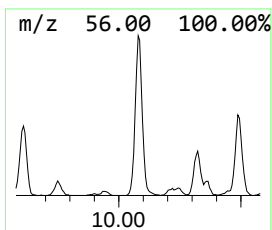
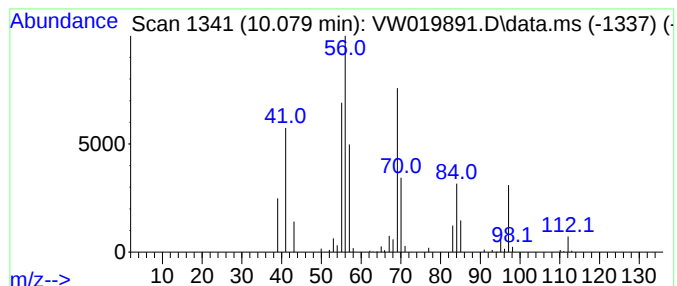
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic10.079 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.079	6.78 ug/L	293605	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	90
2		1-Heptene, 6-methyl-	112	C8H16	005026-76-6	64
3		1-Octene, 7-methyl-	126	C9H18	013151-06-9	59
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

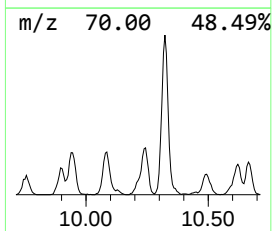
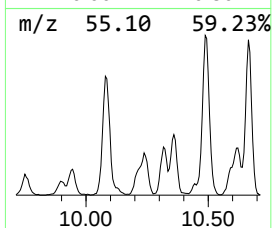
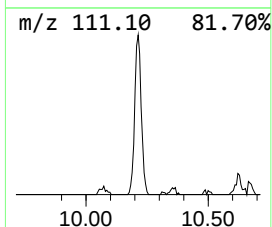
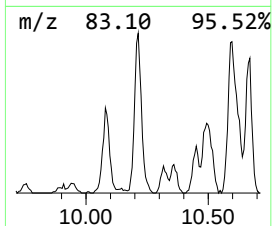
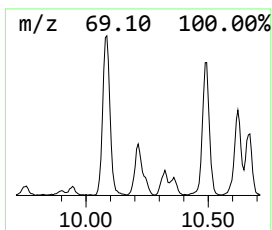
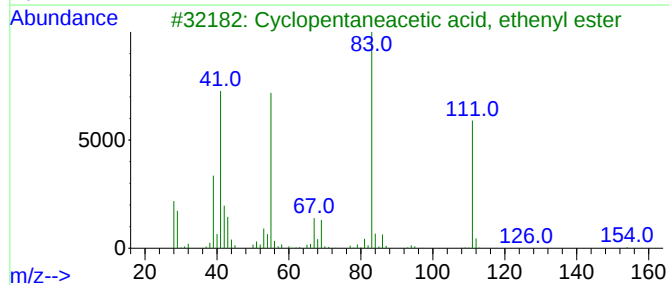
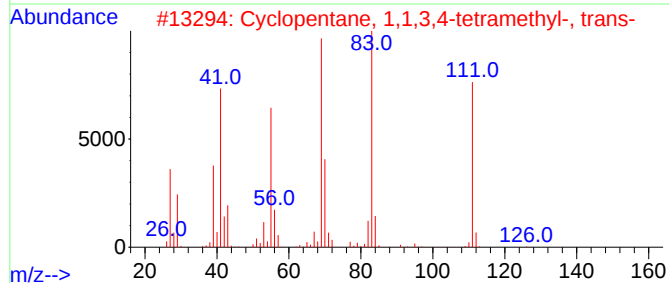
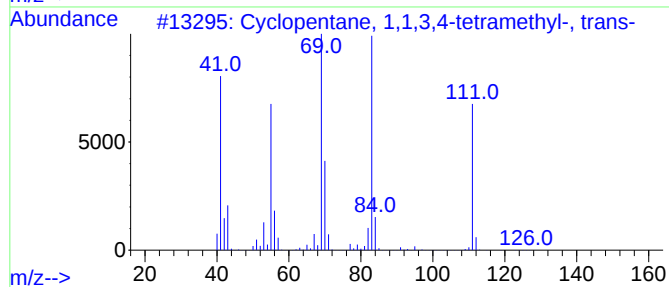
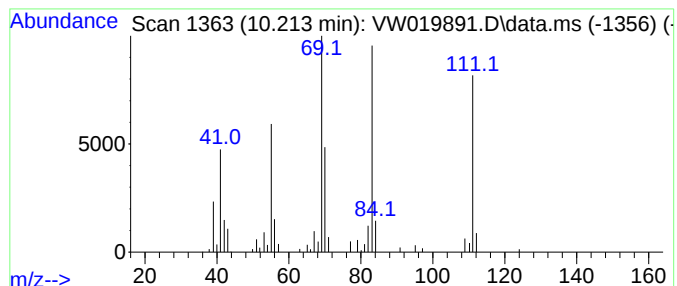
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic10.213 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.213	1.74 ug/L	75150	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	83
2			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	43
3			Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	43
4			Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	43
5			1-Pentyne, 3-ethoxy-3-ethyl-	140	C9H16O	053966-56-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

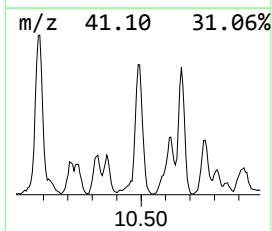
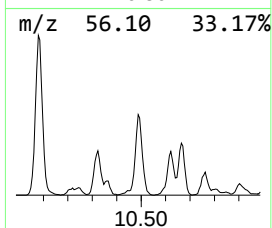
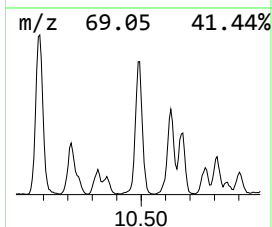
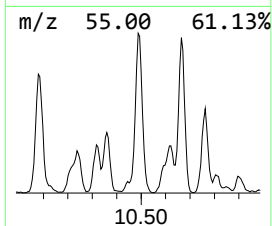
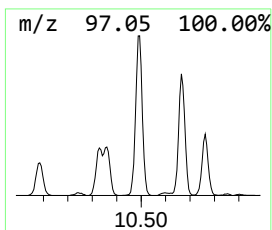
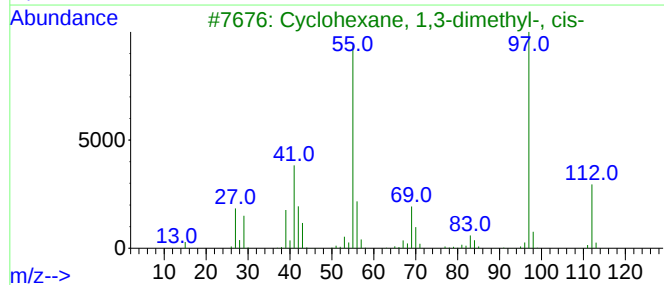
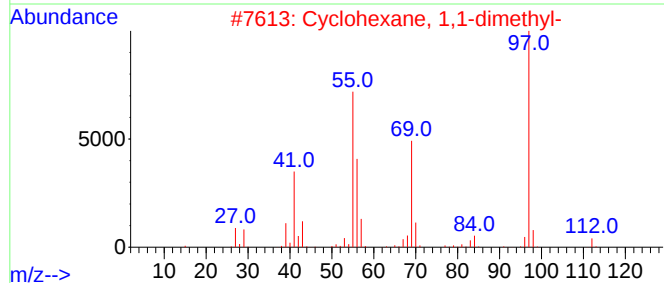
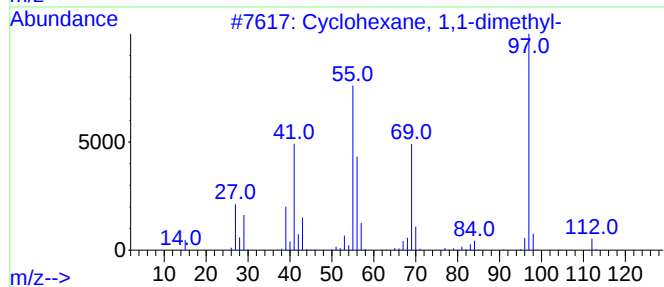
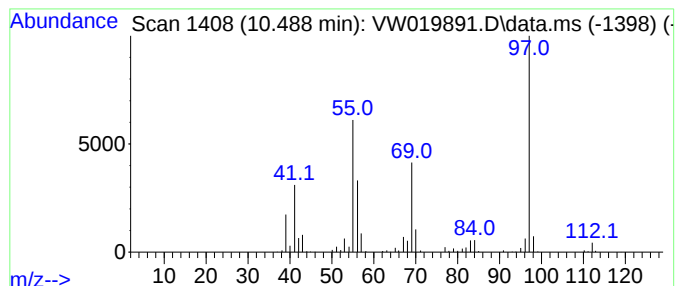
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic10.488 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.488	8.02 ug/L	362130	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	95
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	91
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
5			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

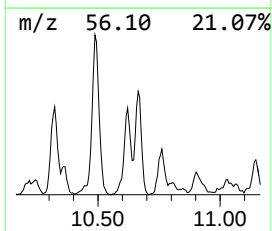
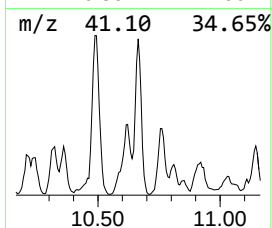
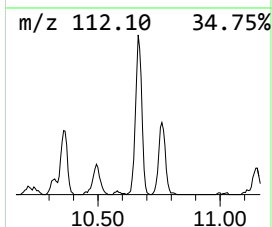
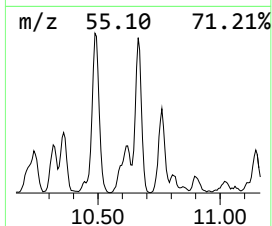
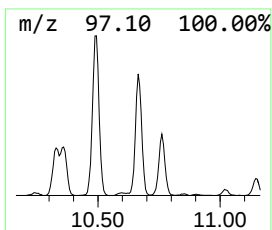
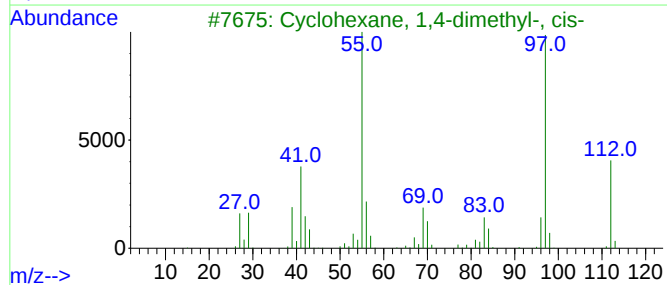
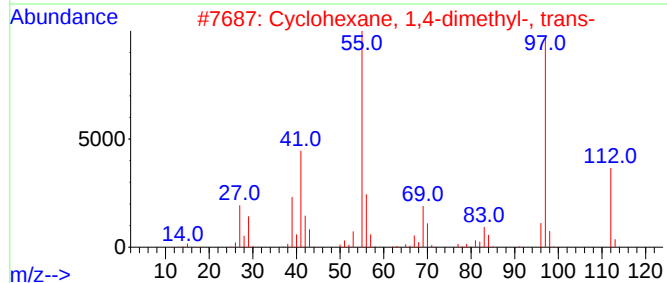
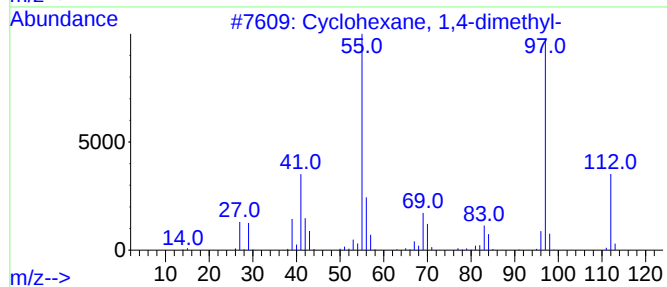
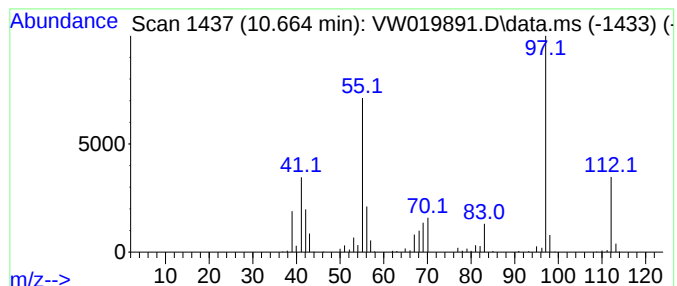
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic10.664 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	6.15 ug/L	277641	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
5			1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

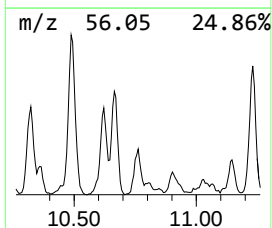
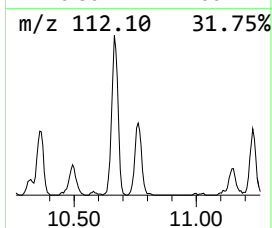
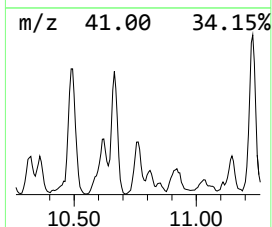
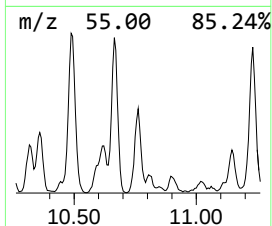
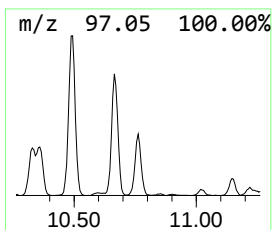
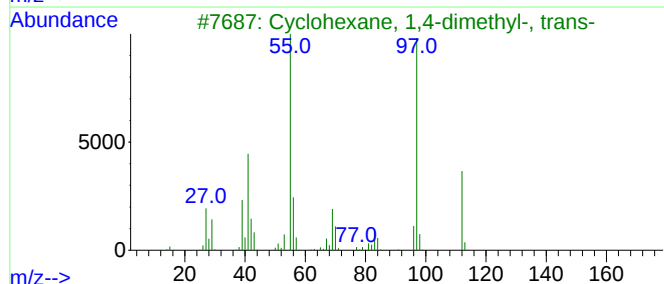
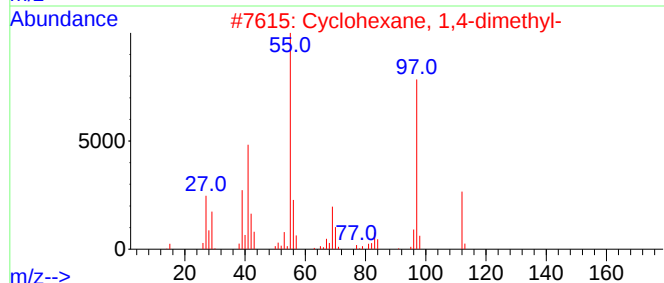
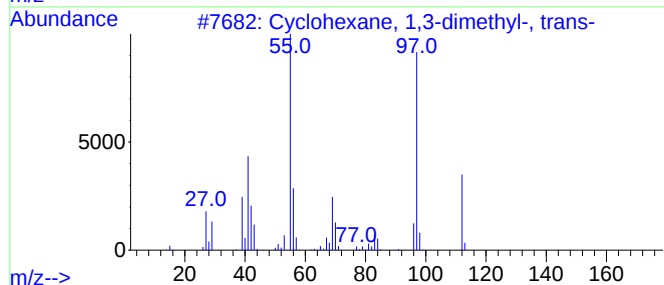
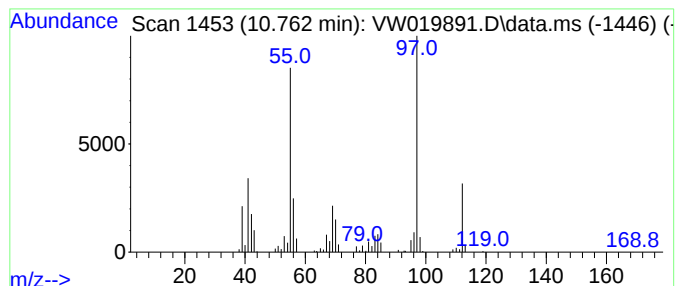
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic10.762 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	3.17 ug/L	143279	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
3			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

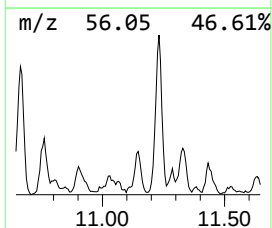
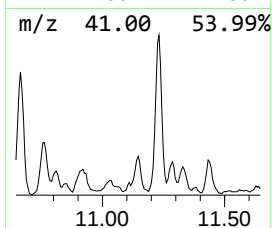
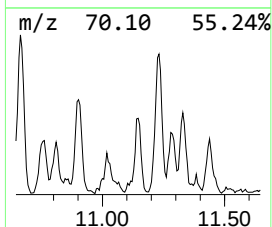
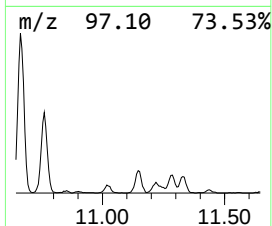
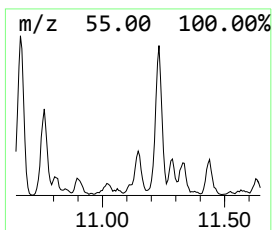
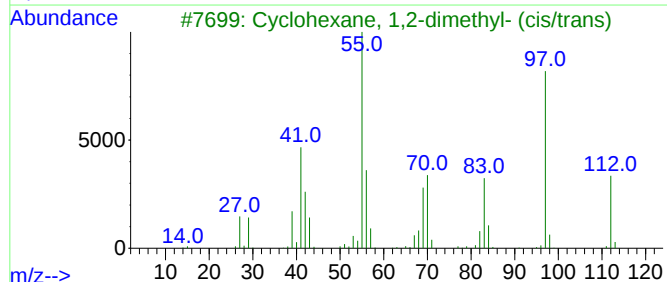
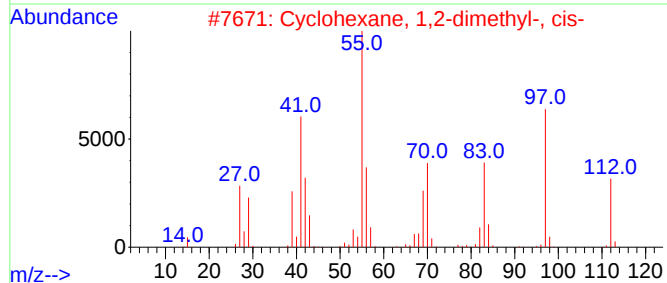
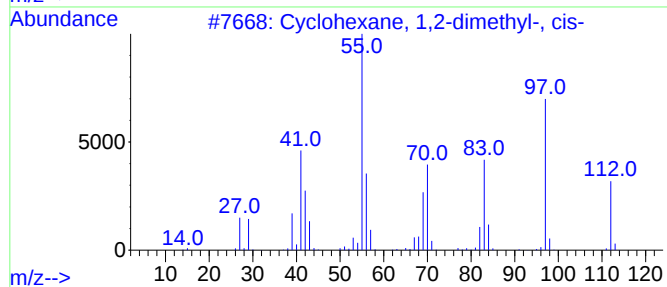
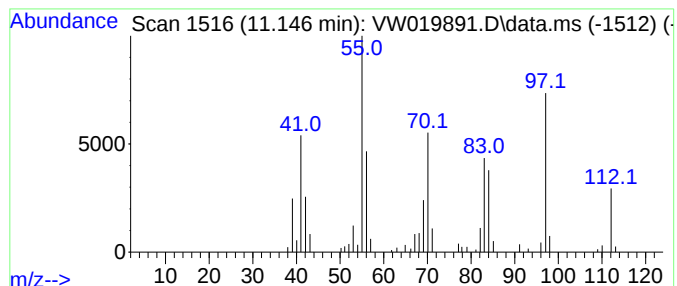
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.146 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	1.66 ug/L	74956	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	74
2			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	74
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	72
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	68
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

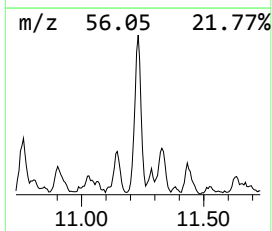
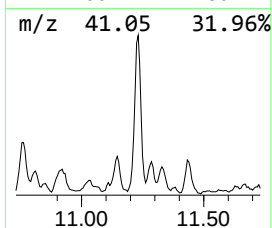
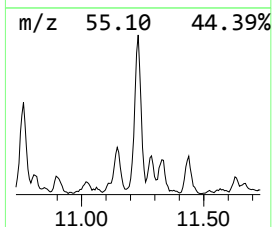
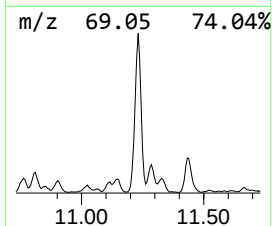
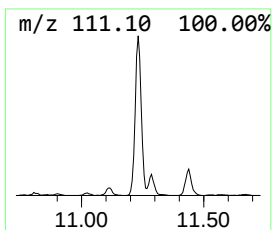
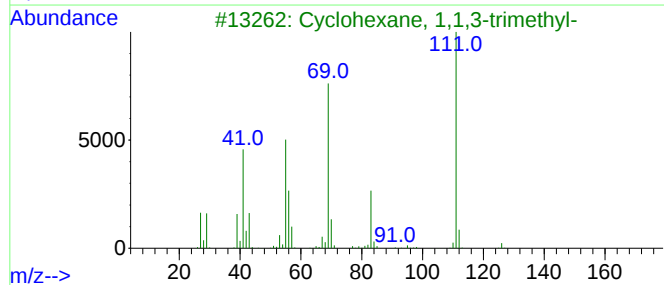
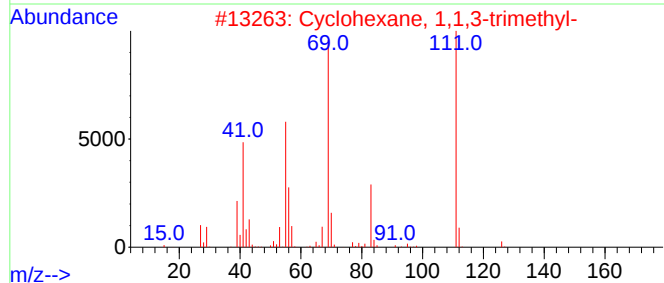
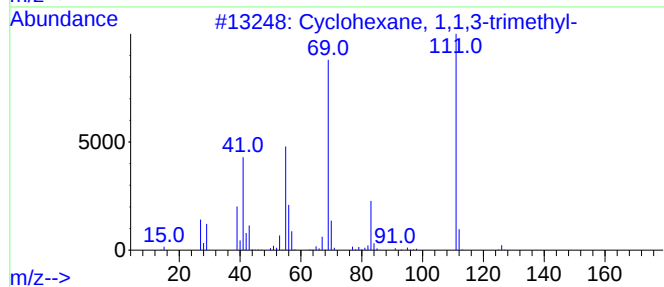
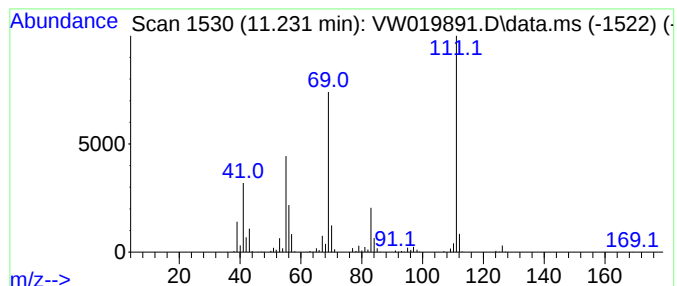
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.231 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	8.86 ug/L	400191	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

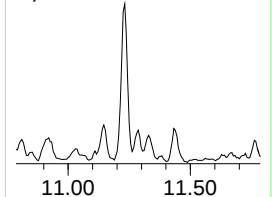
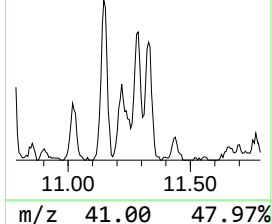
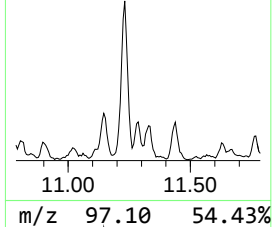
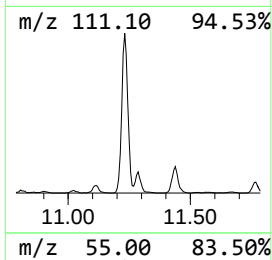
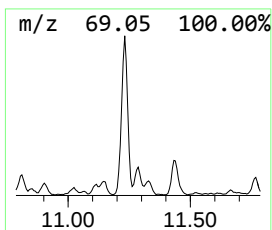
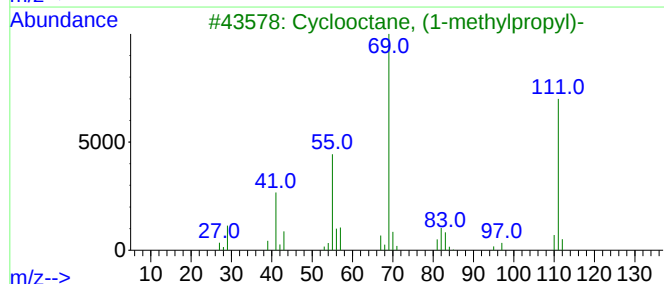
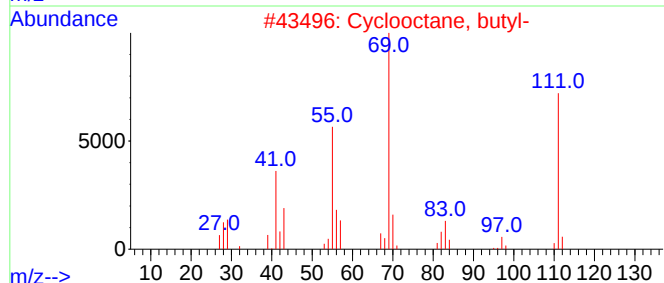
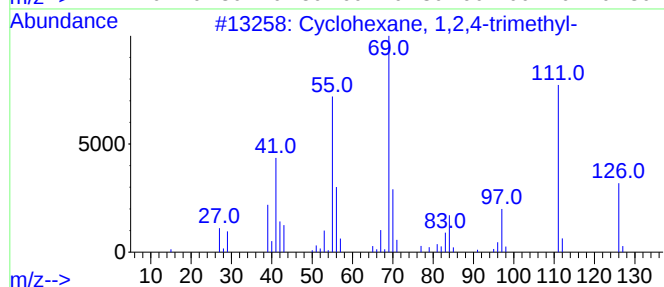
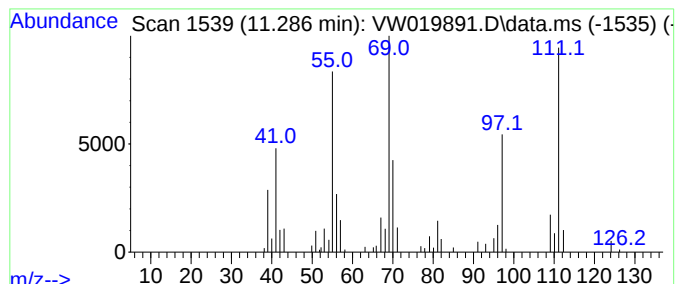
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic11.286 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	1.68 ug/L	75959	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
2			Cyclooctane, butyl-	168	C12H24	016538-93-5	53
3			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
4			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

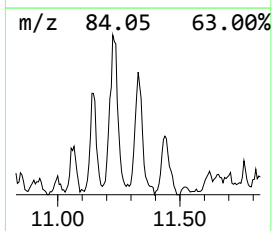
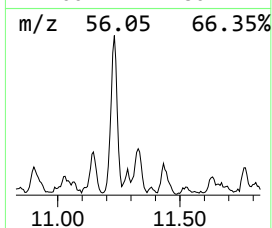
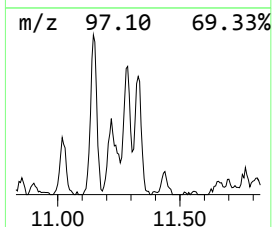
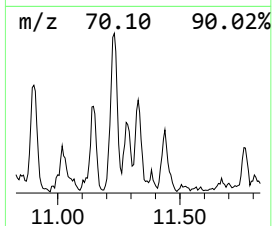
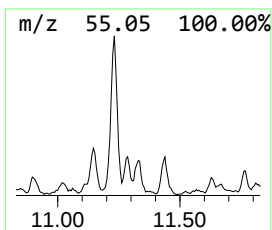
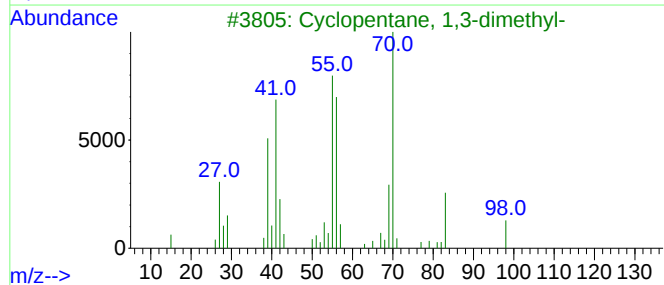
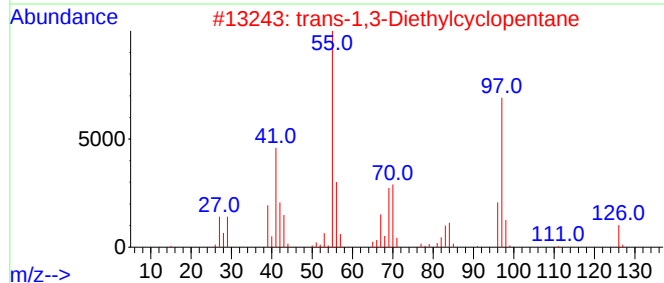
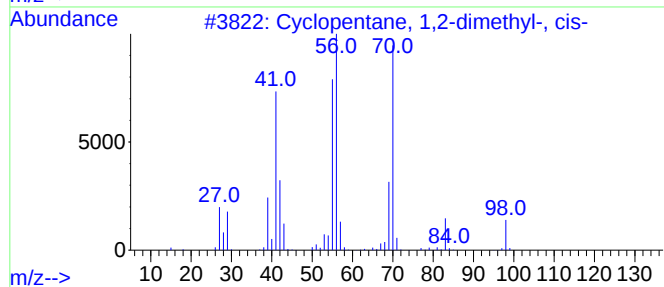
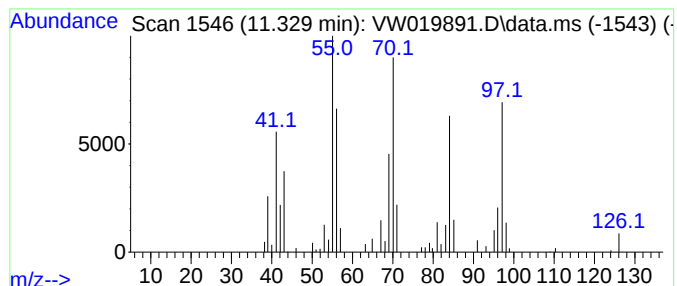
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic11.329 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.329	1.32 ug/L	59409	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	50
2		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	50
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	43
5		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

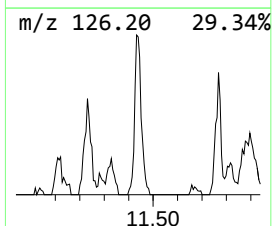
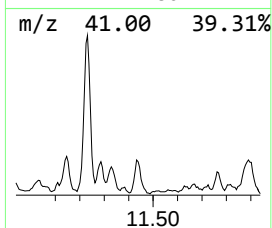
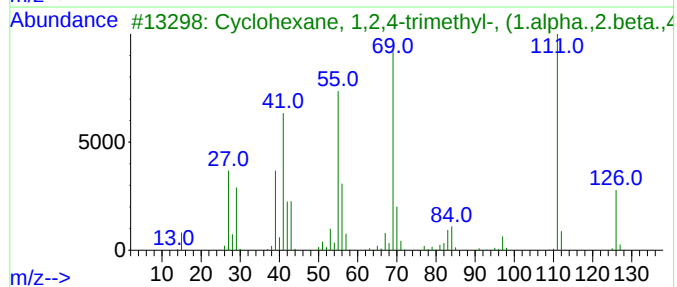
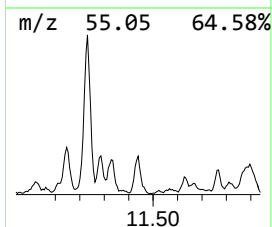
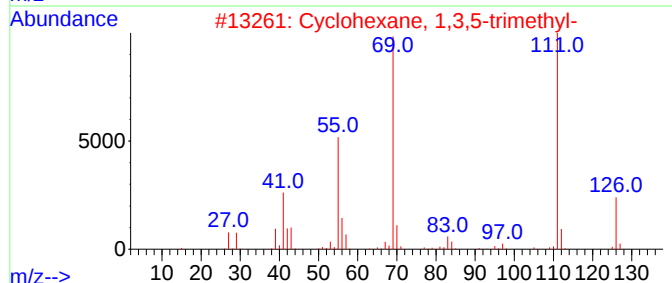
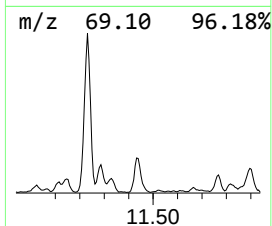
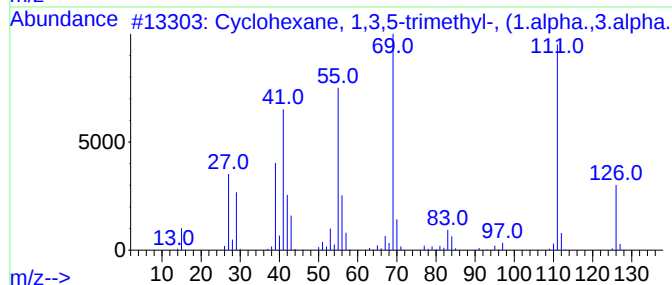
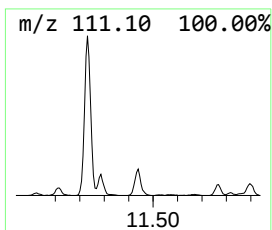
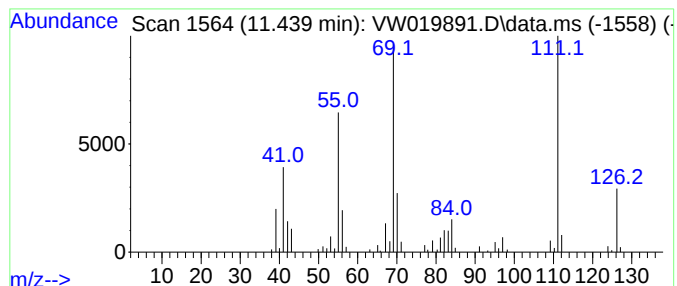
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic11.439 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	2.09 ug/L	94191	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

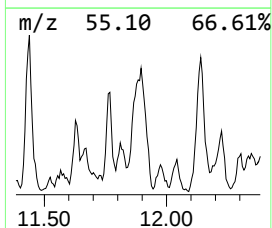
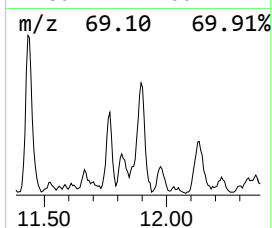
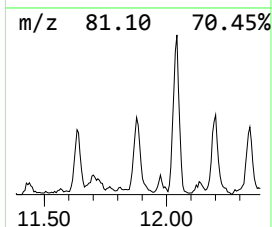
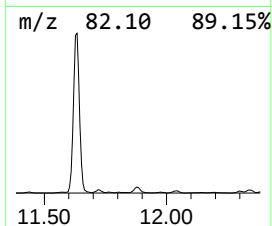
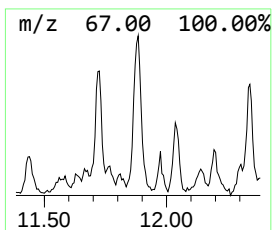
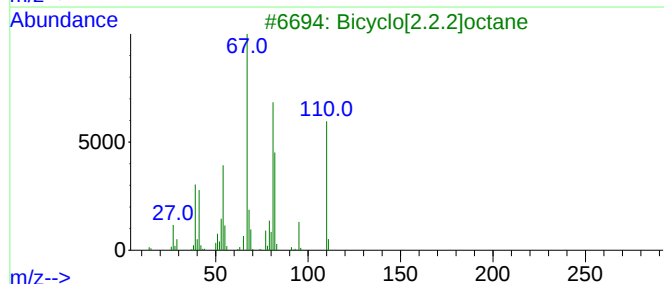
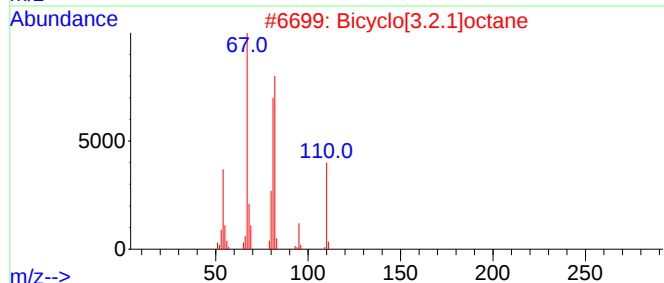
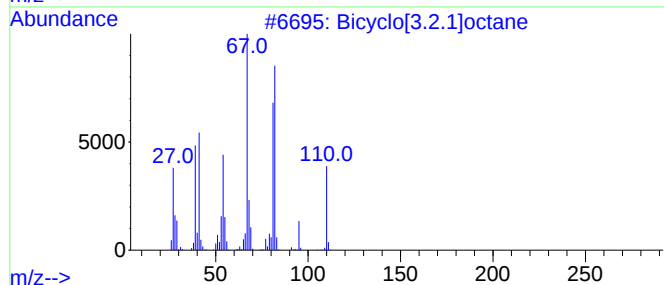
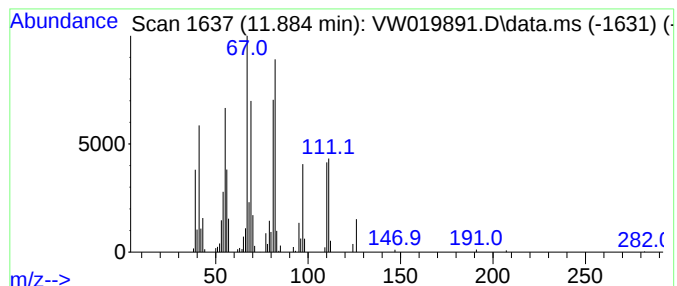
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 Bicyclo[3.2.1]octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.884	3.55 ug/L	160155	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	64
2			Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	58
3			Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	55
4			Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	49
5			5-Heptenal, 2,6-dimethyl-	140	C9H16O	000106-72-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7B7

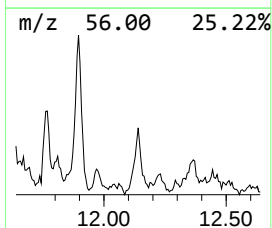
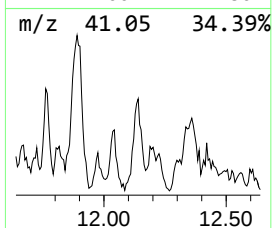
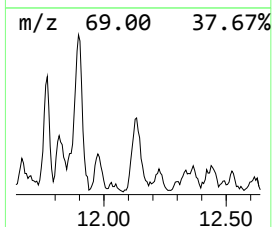
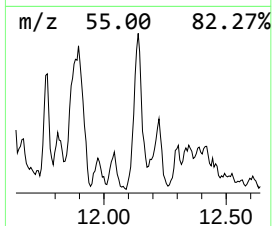
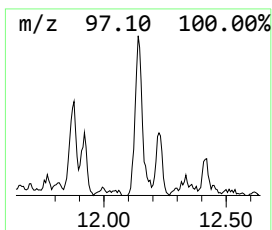
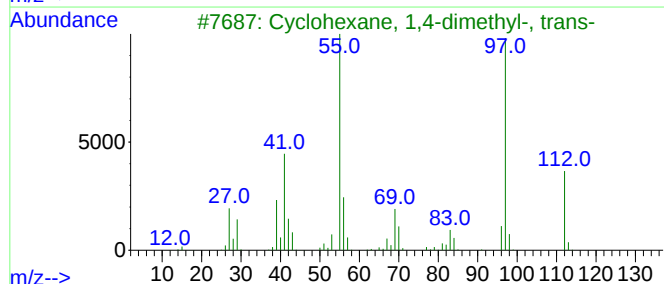
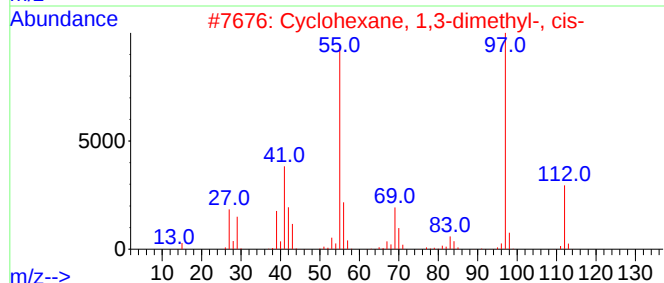
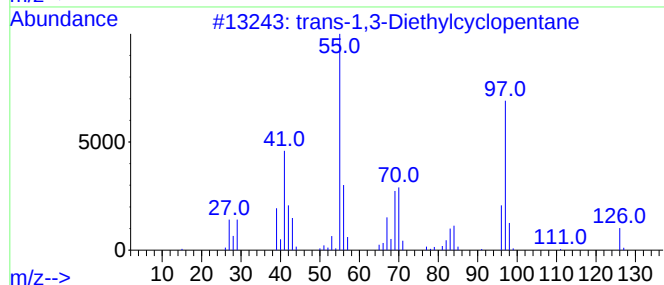
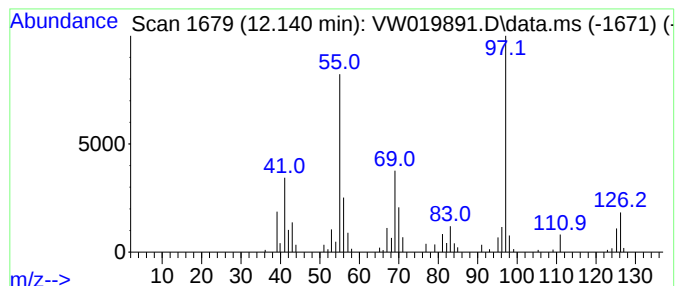
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic12.140 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	1.63 ug/L	73845	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	64
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
3			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	59
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

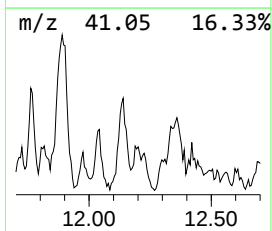
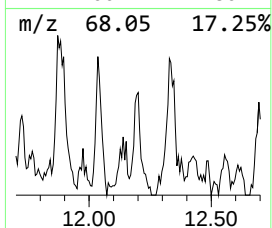
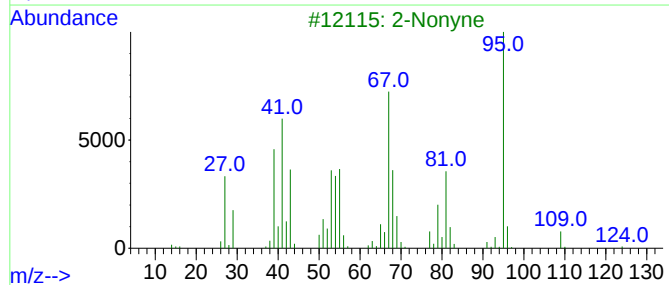
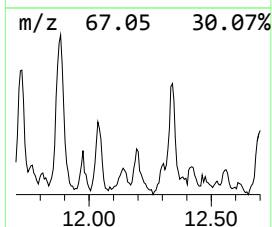
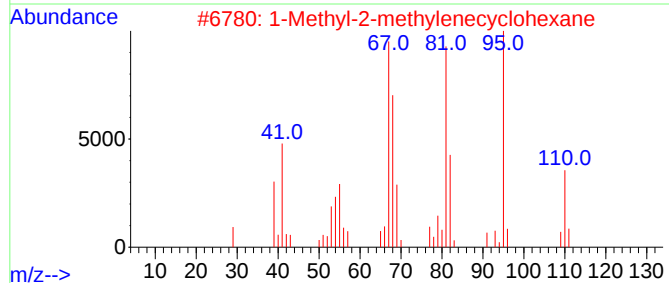
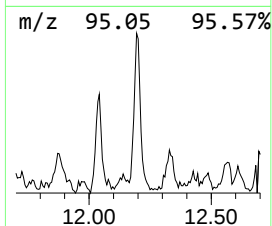
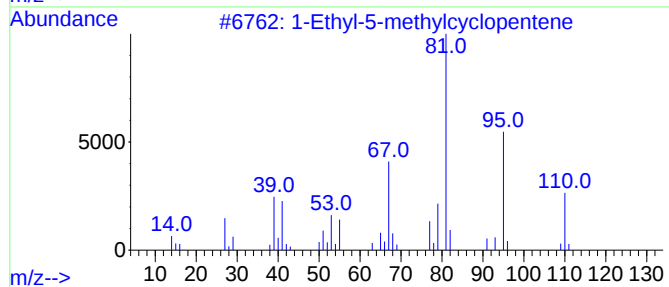
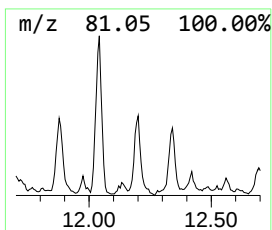
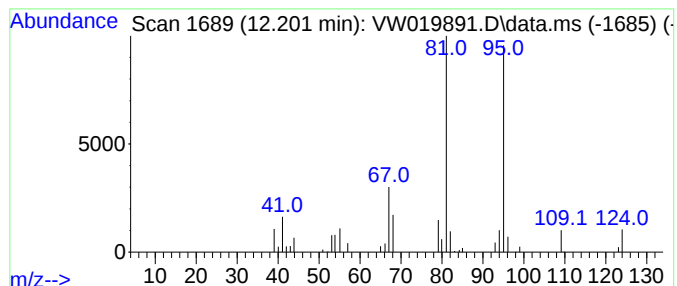
Instrument :
MSVOA_W
ClientSampleId :
EW7B7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 1-Ethyl-5-methylcyclopentene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.201	1.26 ug/L	57012	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene		110	C8H14	097797-57-4	50
2	1-Methyl-2-methylenecyclohexane		110	C8H14	002808-75-5	45
3	2-Nonyne		124	C9H16	019447-29-1	43
4	1,4-Cyclohexanedimethanol		144	C8H16O2	000105-08-8	38
5	2-Nonyne		124	C9H16	019447-29-1	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019891.D
Acq On : 25 Aug 2021 10:48
Operator : SY/VA
Sample : M3526-05
Misc : 2.46g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

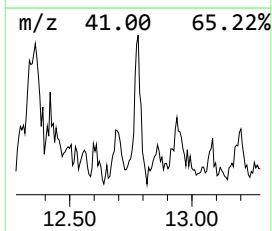
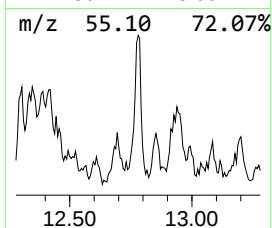
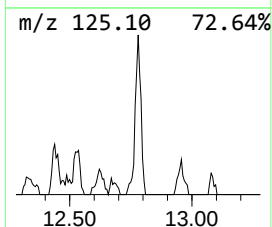
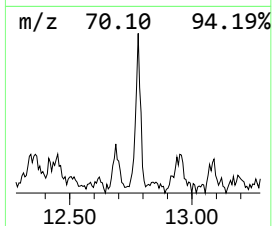
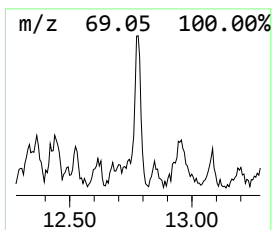
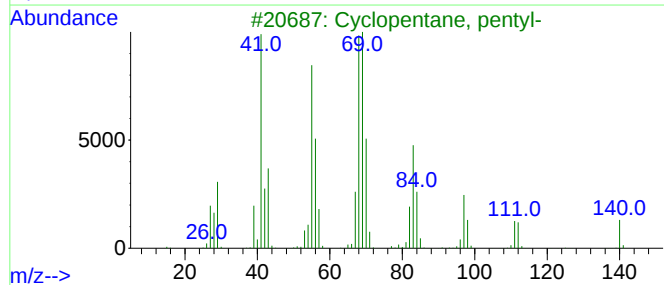
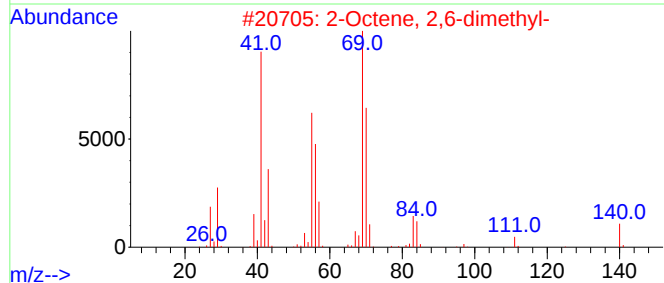
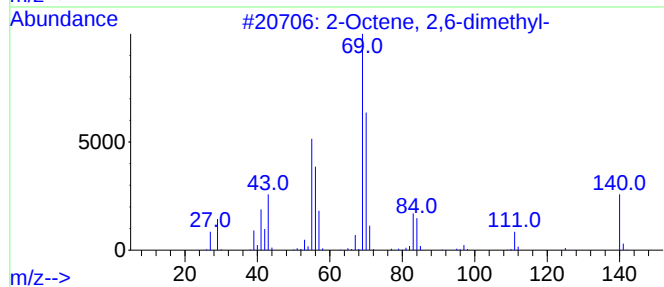
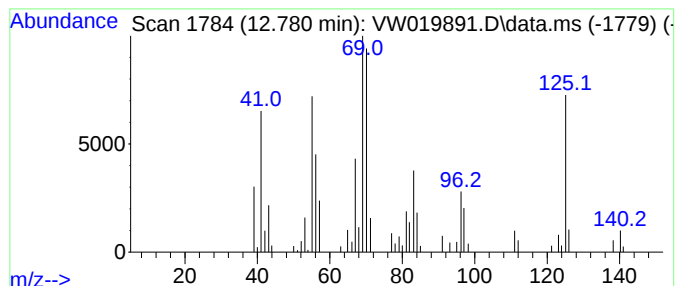
Instrument :
MSVOA_W
ClientSampleId :
EW7B7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.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 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.780	1.38 ug/L	42716	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	60
2	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	60
3	Cyclopentane, pentyl-		140	C10H20	003741-00-2	55
4	Cyclohexane, 1,1,2,3-tetramethyl-		140	C10H20	006783-92-2	49
5	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019891.D
 Acq On : 25 Aug 2021 10:48
 Operator : SY/VA
 Sample : M3526-05
 Misc : 2.46g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7B7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.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
(DEL) Alkane: S...	3.038	1.6	ug/L	70322	1	8.841	1082670	25.0
(DEL) Alkane: S...	6.720	1.3	ug/L	56487	1	8.841	1082670	25.0
(DEL) Alkane: S...	6.872	2.5	ug/L	108035	1	8.841	1082670	25.0
(DEL) Alkane: S...	8.037	11.3	ug/L	488946	1	8.841	1082670	25.0
Diisoamyl ether	8.421	4.6	ug/L	199310	1	8.841	1082670	25.0
Oxalic acid, bu...	9.384	2.0	ug/L	88471	1	8.841	1082670	25.0
(DEL) Alkane: C...	9.610	15.1	ug/L	655478	1	8.841	1082670	25.0
(DEL) Alkane: S...	9.902	1.8	ug/L	77275	1	8.841	1082670	25.0
(DEL) Alkane: S...	9.945	2.4	ug/L	101684	1	8.841	1082670	25.0
(DEL) Alkane: C...	10.079	6.8	ug/L	293605	1	8.841	1082670	25.0
(DEL) Alkane: C...	10.213	1.7	ug/L	75150	1	8.841	1082670	25.0
(DEL) Alkane: C...	10.488	8.0	ug/L	362130	2	11.634	1129290	25.0
(DEL) Alkane: C...	10.664	6.2	ug/L	277641	2	11.634	1129290	25.0
(DEL) Alkane: C...	10.762	3.2	ug/L	143279	2	11.634	1129290	25.0
(DEL) Alkane: C...	11.146	1.7	ug/L	74956	2	11.634	1129290	25.0
(DEL) Alkane: C...	11.231	8.9	ug/L	400191	2	11.634	1129290	25.0
(DEL) Alkane: C...	11.286	1.7	ug/L	75959	2	11.634	1129290	25.0
(DEL) Alkane: C...	11.329	1.3	ug/L	59409	2	11.634	1129290	25.0
(DEL) Alkane: C...	11.439	2.1	ug/L	94191	2	11.634	1129290	25.0
Bicyclo[3.2.1]o...	11.884	3.5	ug/L	160155	2	11.634	1129290	25.0
(DEL) Alkane: C...	12.140	1.6	ug/L	73845	2	11.634	1129290	25.0
1-Ethyl-5-methy...	12.201	1.3	ug/L	57012	2	11.634	1129290	25.0
(DEL) Alkane: S...	12.780	1.4	ug/L	42716	3	13.560	772259	25.0