

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018711.D
 Acq On : 21 Apr 2021 14:45
 Operator : SY/VA
 Sample : M2065-17RE
 Misc : 3.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570RE

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	38	41	44	rBV	6241	9272	0.45%	0.026%
2	2.355	66	74	86	rVB	108729	229016	11.10%	0.636%
3	2.513	94	100	103	rBV2	4494	9751	0.47%	0.027%
4	2.898	155	163	174	rBV	79946	198822	9.64%	0.552%
5	3.026	180	184	190	rVB8	3645	7115	0.34%	0.020%
6	3.294	224	228	231	rBV4	462	672	0.03%	0.002%
7	3.397	238	245	254	rBV3	3888	9254	0.45%	0.026%
8	3.593	273	277	281	rBV7	1216	2323	0.11%	0.006%
9	3.641	283	285	288	rVB4	535	469	0.02%	0.001%
10	3.696	292	294	298	rVB4	726	876	0.04%	0.002%
11	3.751	301	303	308	rVB3	937	1072	0.05%	0.003%
12	3.855	313	320	321	rBV6	2175	3897	0.19%	0.011%
13	4.019	336	347	360	rBV	145377	446656	21.65%	1.240%
14	4.141	360	367	384	rVB2	19765	67326	3.26%	0.187%
15	4.403	395	410	413	rBV2	11334	38861	1.88%	0.108%
16	4.617	444	445	449	rBV4	535	638	0.03%	0.002%
17	4.928	481	496	511	rBV3	44246	166983	8.10%	0.464%
18	5.190	535	539	546	rVV6	1303	3035	0.15%	0.008%
19	5.263	550	551	554	rVB3	565	568	0.03%	0.002%
20	5.440	570	580	593	rVB7	2946	11413	0.55%	0.032%
21	5.543	593	597	600	rBV3	458	564	0.03%	0.002%
22	5.604	605	607	612	rVB2	515	710	0.03%	0.002%
23	5.684	617	620	623	rBV2	440	657	0.03%	0.002%
24	5.793	629	638	650	rVB4	4054	13161	0.64%	0.037%
25	5.940	654	662	673	rBV3	11731	35585	1.73%	0.099%
26	6.299	713	721	726	rBV6	1250	2960	0.14%	0.008%
27	6.421	739	741	744	rBV2	385	562	0.03%	0.002%
28	6.531	753	759	762	rBV4	706	1308	0.06%	0.004%
29	6.708	784	788	790	rVV4	1236	1869	0.09%	0.005%
30	6.726	790	791	792	rVV	1323	695	0.03%	0.002%
31	6.763	795	797	799	rVB3	779	695	0.03%	0.002%
32	6.793	799	802	804	rVB4	456	481	0.02%	0.001%
33	6.854	808	812	813	rBV2	1672	1772	0.09%	0.005%
34	6.909	813	821	827	rVV9	3244	9960	0.48%	0.028%
35	6.988	828	834	840	rVB5	3955	10568	0.51%	0.029%
36	7.086	842	850	854	rBV	48799	126990	6.16%	0.353%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018711.D
 Acq On : 21 Apr 2021 14:45
 Operator : SY/VA
 Sample : M2065-17RE
 Misc : 3.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570RE

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

37	7.141	854	859	875	rVB2	53885	180268	8.74%	0.500%
38	7.421	902	905	907	rVB3	539	588	0.03%	0.002%
39	7.452	907	910	914	rBV5	677	884	0.04%	0.002%
40	7.488	914	916	917	rBV2	742	614	0.03%	0.002%
41	7.531	920	923	924	rVB3	970	744	0.04%	0.002%
42	7.543	924	925	929	rVB4	1027	760	0.04%	0.002%
43	7.653	933	943	954	rBV	308060	754048	36.56%	2.093%
44	7.952	984	992	1000	rBV7	8796	24677	1.20%	0.069%
45	8.043	1000	1007	1013	rVB4	8479	20683	1.00%	0.057%
46	8.159	1020	1026	1033	rBV2	6865	15863	0.77%	0.044%
47	8.281	1033	1046	1063	rVV3	564680	1879645	91.13%	5.218%
48	8.482	1063	1079	1089	rBV4	23950	89991	4.36%	0.250%
49	8.842	1130	1138	1152	rBV	711745	1431726	69.41%	3.974%
50	9.073	1171	1176	1184	rBV4	15808	35446	1.72%	0.098%
51	9.274	1202	1209	1216	rBV	388012	821278	39.82%	2.280%
52	9.335	1216	1219	1225	rVV3	65112	124975	6.06%	0.347%
53	9.390	1225	1228	1236	rVB5	15060	28667	1.39%	0.080%
54	9.604	1261	1263	1268	rVB3	11736	19976	0.97%	0.055%
55	9.762	1283	1289	1296	rBV2	35104	71713	3.48%	0.199%
56	9.896	1306	1311	1316	rVB	39768	72204	3.50%	0.200%
57	10.037	1328	1334	1341	rBV	144393	264210	12.81%	0.733%
58	10.213	1359	1363	1365	rBV4	14090	23711	1.15%	0.066%
59	10.250	1366	1369	1374	rVB2	30195	47539	2.30%	0.132%
60	10.323	1375	1381	1388	rBV	644653	1154660	55.98%	3.205%
61	10.579	1418	1423	1428	rBV	97588	165942	8.05%	0.461%
62	10.707	1439	1444	1449	rVB	78666	126039	6.11%	0.350%
63	10.927	1474	1480	1487	rBV2	227218	419043	20.32%	1.163%
64	11.036	1495	1498	1500	rBV2	31324	43878	2.13%	0.122%
65	11.231	1526	1530	1534	rVB	51663	81601	3.96%	0.227%
66	11.439	1559	1564	1568	rBV2	119741	228782	11.09%	0.635%
67	11.634	1590	1596	1603	rVB	776253	1360170	65.94%	3.776%
68	11.823	1622	1627	1632	rBV3	71283	160424	7.78%	0.445%
69	11.872	1632	1635	1646	rVB4	99135	239681	11.62%	0.665%
70	11.975	1649	1652	1654	rBV2	42258	59211	2.87%	0.164%
71	12.140	1673	1679	1681	rBV4	144447	298682	14.48%	0.829%
72	12.250	1693	1697	1702	rVB	366265	571354	27.70%	1.586%
73	12.359	1703	1715	1722	rBV3	409778	1318716	63.93%	3.661%
74	12.597	1749	1754	1761	rBV3	219274	635920	30.83%	1.765%
75	12.695	1764	1770	1775	rVV2	423588	851379	41.28%	2.363%
76	12.865	1790	1798	1802	rBV8	316754	849179	41.17%	2.357%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018711.D
 Acq On : 21 Apr 2021 14:45
 Operator : SY/VA
 Sample : M2065-17RE
 Misc : 3.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570RE

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

77	12.945	1804	1811	1824	rVB9	479713	1940820	94.09%	5.388%
78	13.079	1830	1833	1836	rVB3	189013	239454	11.61%	0.665%
79	13.127	1837	1841	1846	rVB2	262797	424711	20.59%	1.179%
80	13.195	1847	1852	1860	rVB3	351421	779979	37.81%	2.165%
81	13.292	1864	1868	1872	rBV	508225	781913	37.91%	2.171%
82	13.341	1873	1876	1880	rVB2	301437	393592	19.08%	1.093%
83	13.408	1884	1887	1891	rBV2	376610	613888	29.76%	1.704%
84	13.481	1897	1899	1904	rVB5	203603	250802	12.16%	0.696%
85	13.560	1908	1912	1914	rVV	422597	630708	30.58%	1.751%
86	13.597	1915	1918	1929	rVB2	688858	1590230	77.10%	4.414%
87	13.694	1930	1934	1939	rBV3	257096	465842	22.58%	1.293%
88	13.871	1956	1963	1968	rBV3	473014	1391975	67.48%	3.864%
89	13.981	1978	1981	1984	rVB3	276678	355807	17.25%	0.988%
90	14.194	2012	2016	2020	rBV3	331214	525882	25.50%	1.460%
91	14.261	2023	2027	2033	rVB3	436723	812210	39.38%	2.255%
92	14.383	2042	2047	2051	rBV2	670022	1138907	55.22%	3.162%
93	14.499	2062	2066	2067	rBV4	217553	305555	14.81%	0.848%
94	14.658	2089	2092	2096	rBV2	183059	240358	11.65%	0.667%
95	14.798	2111	2115	2118	rBV3	331960	559233	27.11%	1.552%
96	14.841	2119	2122	2128	rVB4	513312	1011626	49.04%	2.808%
97	15.322	2197	2201	2208	rVB	1210206	2062650	100.00%	5.726%
98	15.395	2209	2213	2218	rBV5	264848	552525	26.79%	1.534%
99	15.725	2264	2267	2276	rVB3	575646	1172580	56.85%	3.255%
100	16.279	2354	2358	2367	rVB	925837	1891369	91.70%	5.250%

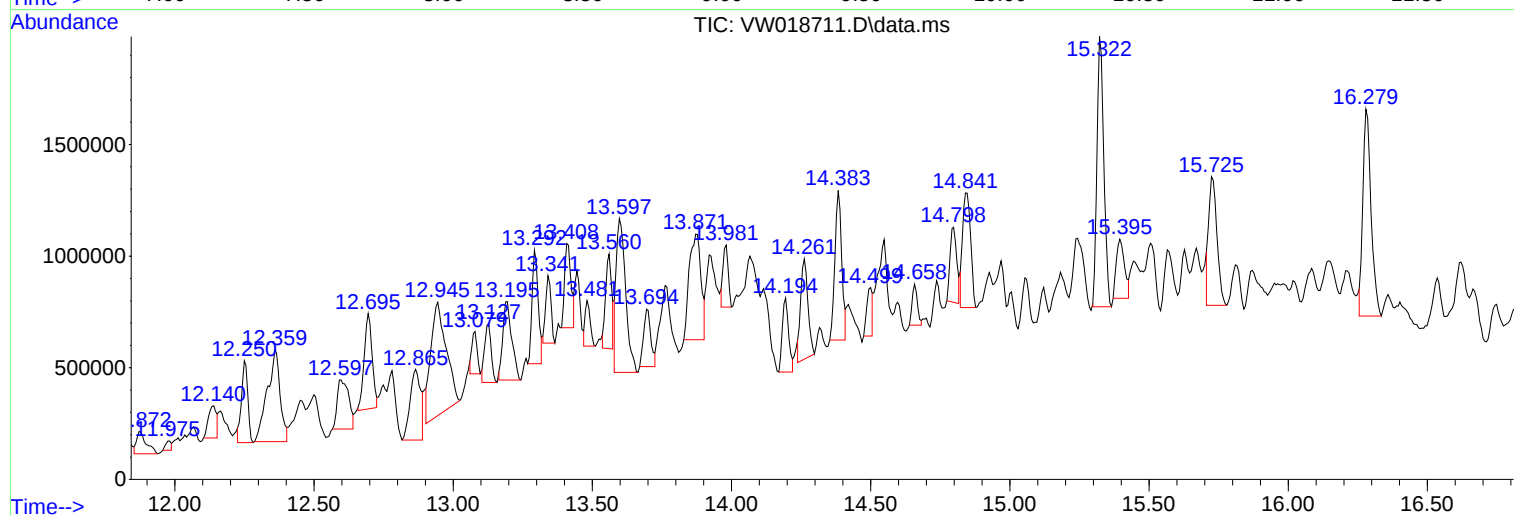
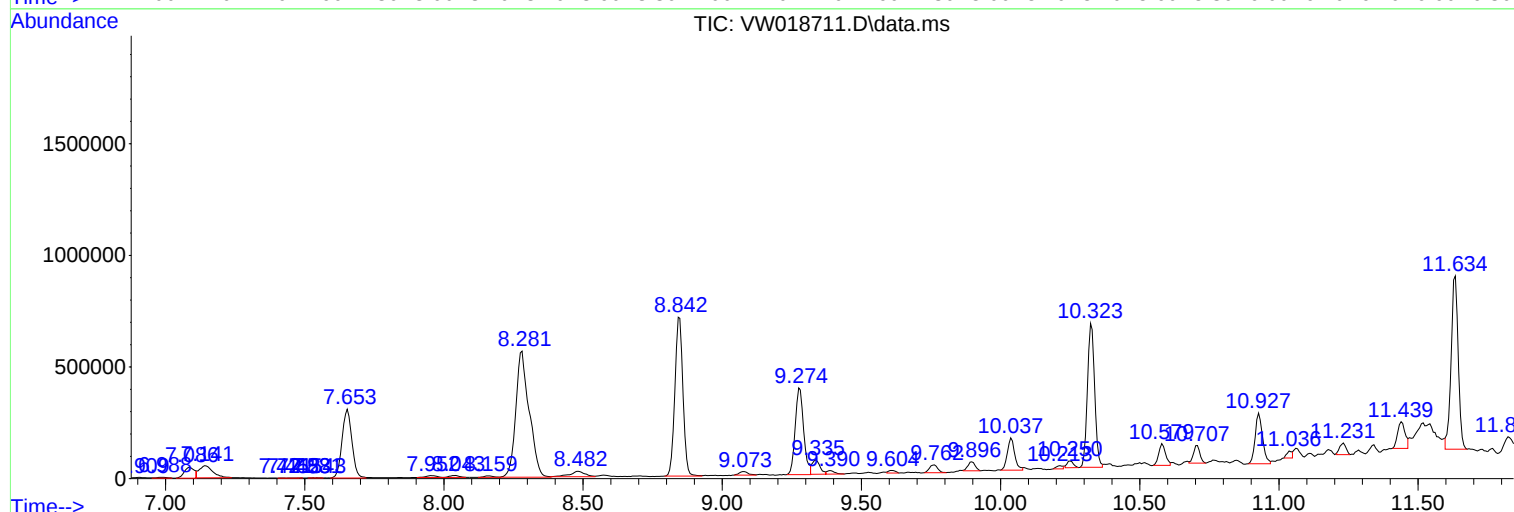
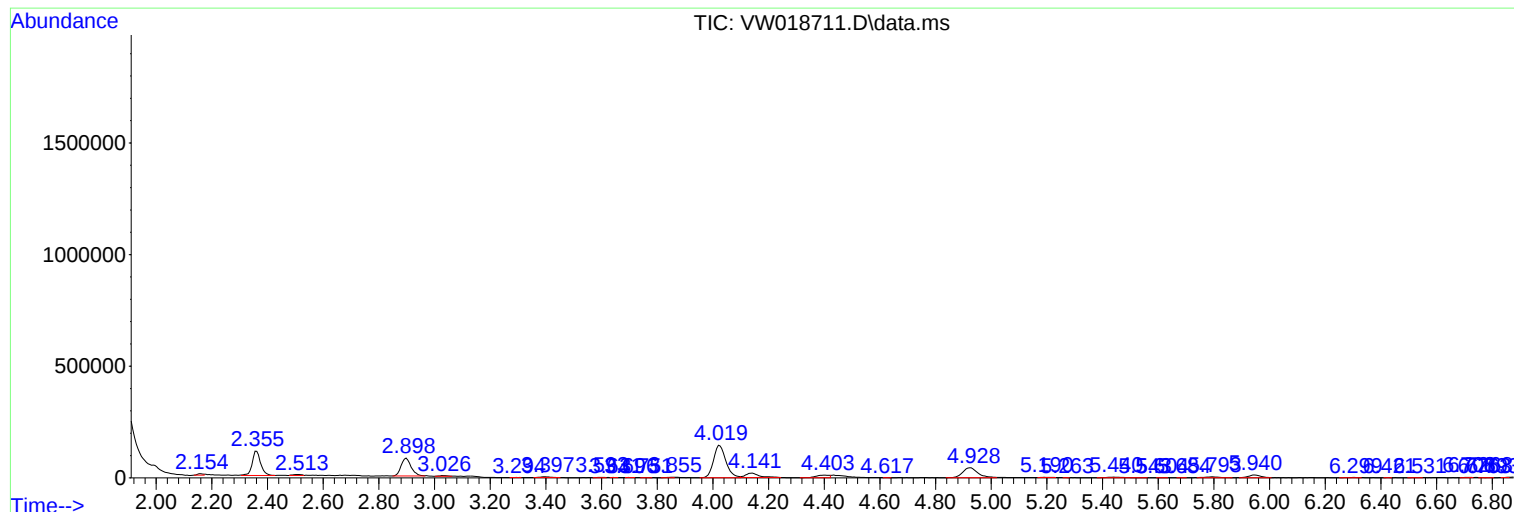
Sum of corrected areas: 36024043

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

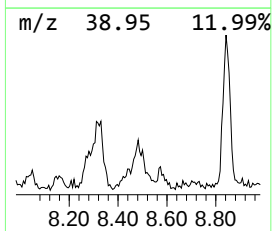
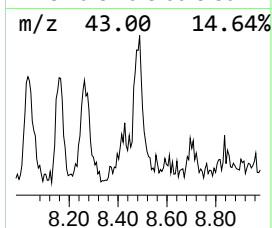
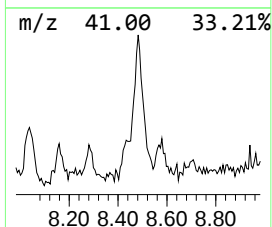
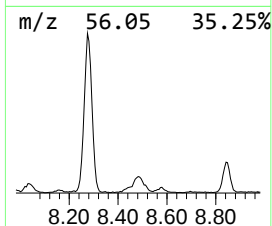
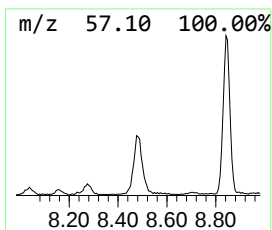
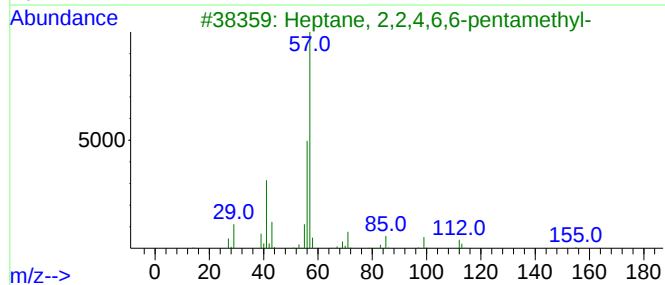
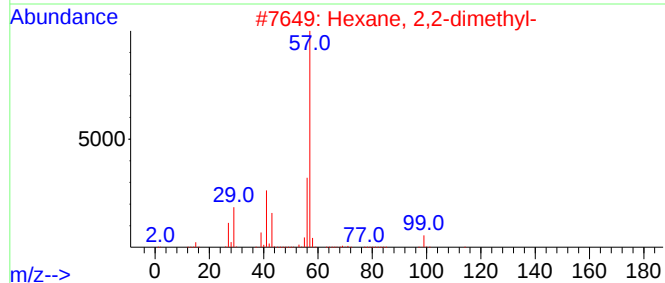
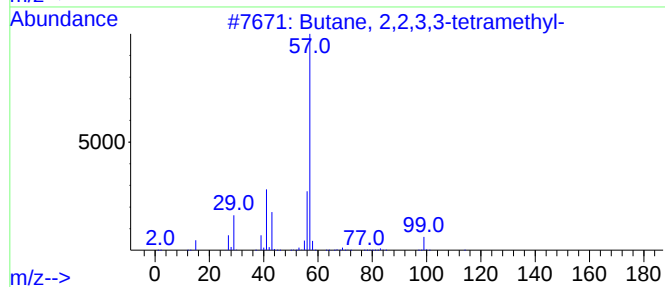
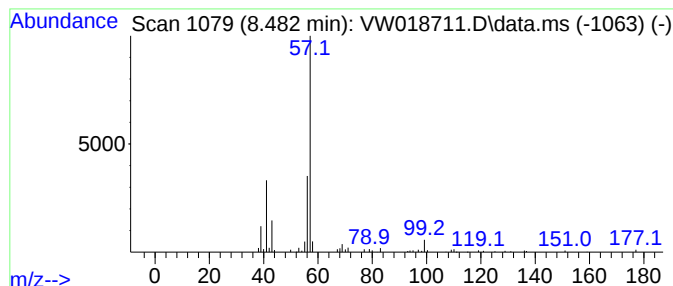
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.482	1.57 ug/L	89991	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

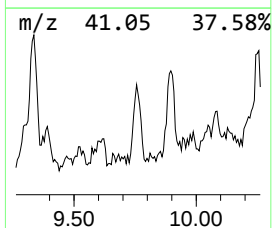
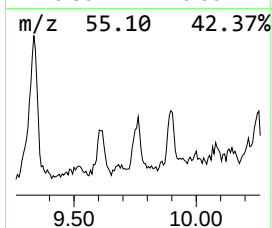
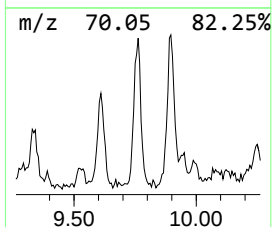
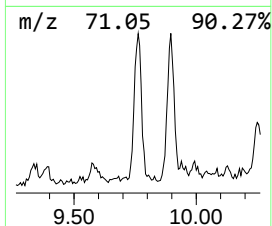
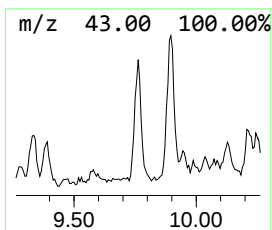
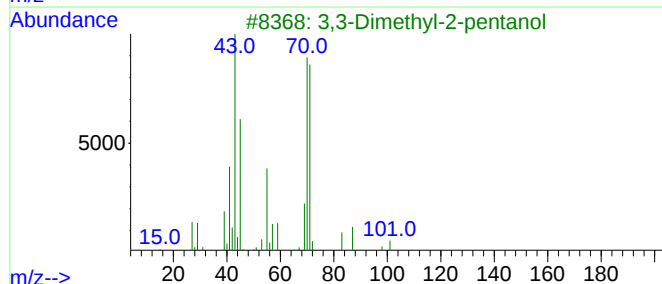
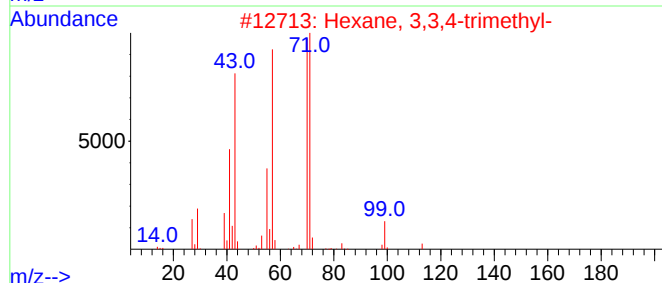
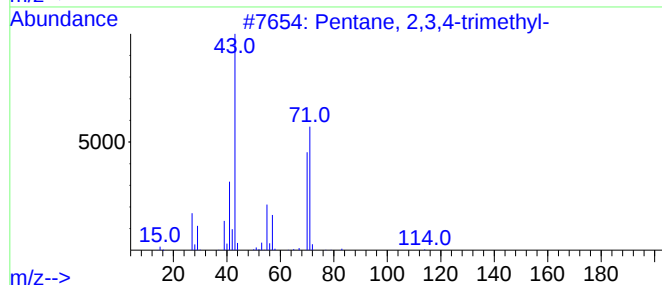
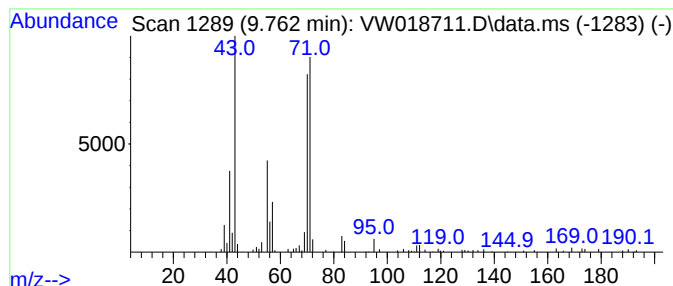
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	1.25 ug/L	71713	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
3		3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	72
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

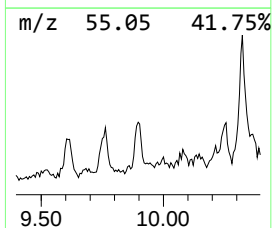
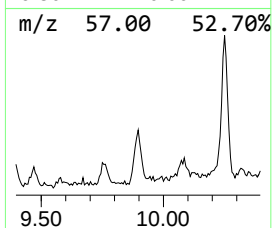
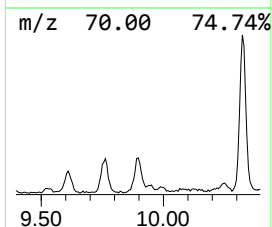
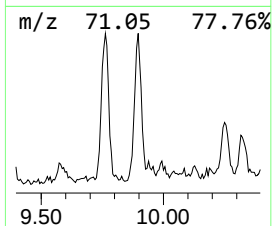
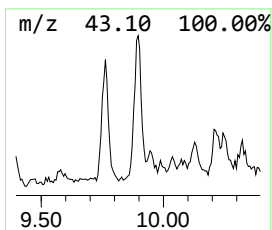
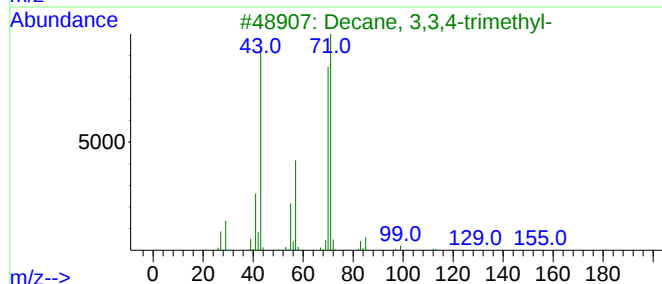
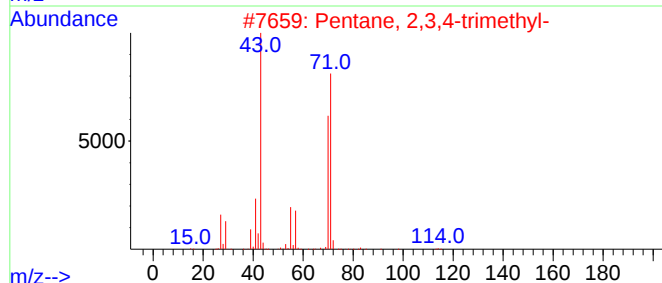
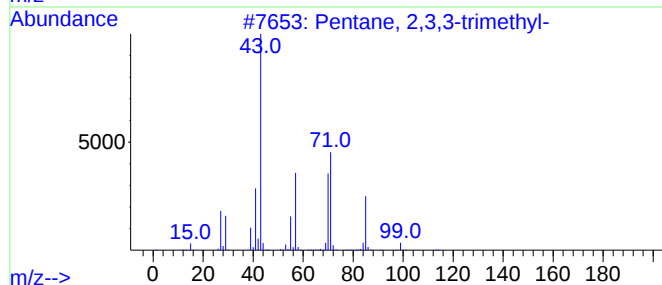
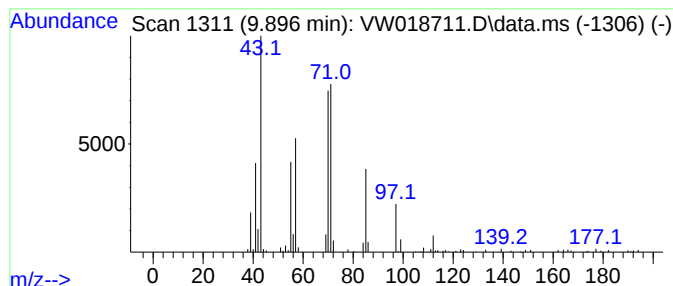
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	1.26 ug/L	72204	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	52
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	52
4			3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	50
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

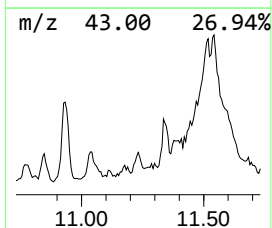
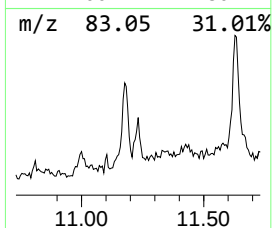
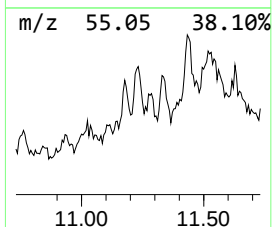
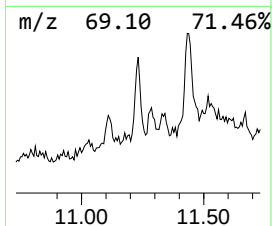
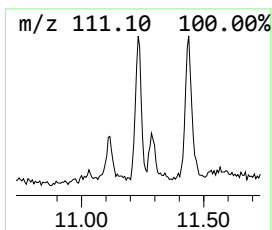
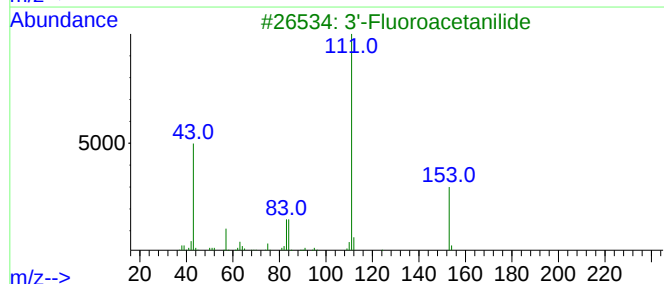
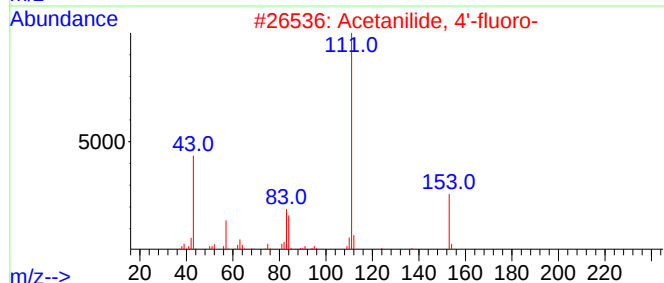
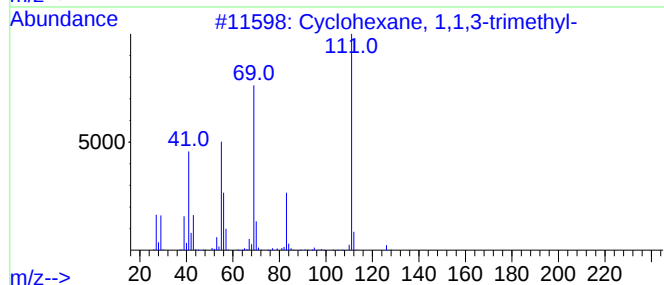
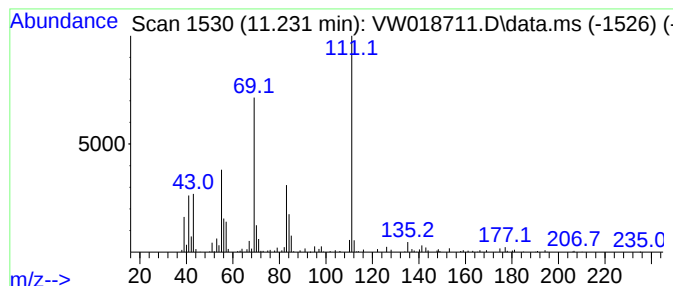
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic11.231 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	1.50 ug/L	81601	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2			Acetanilide, 4'-fluoro-	153	C8H8FNO	000351-83-7	59
3			3'-Fluoroacetanilide	153	C8H8FNO	000351-28-0	59
4			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	58
5			Pyrazol-4-amine, 1,5-dimethyl-	111	C5H9N3	121983-36-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

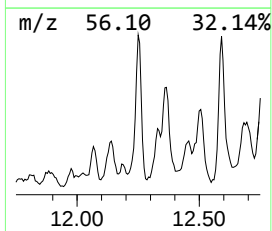
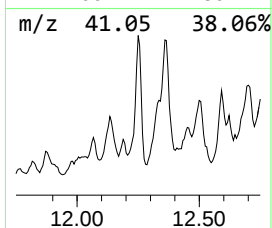
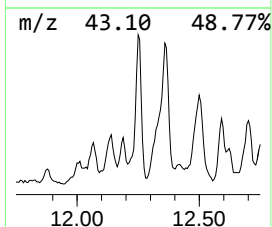
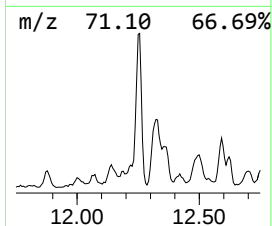
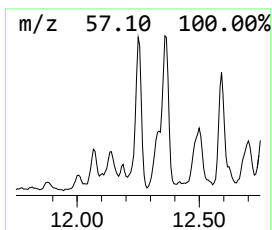
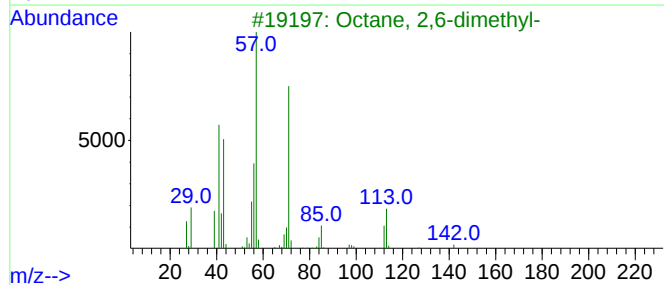
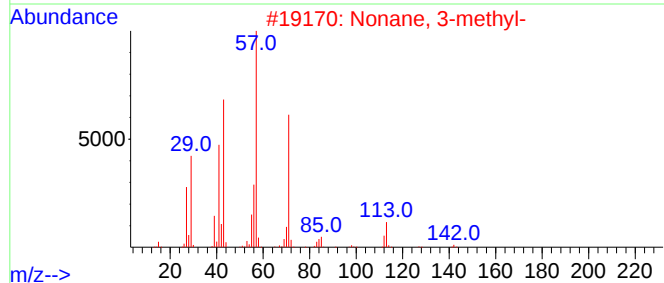
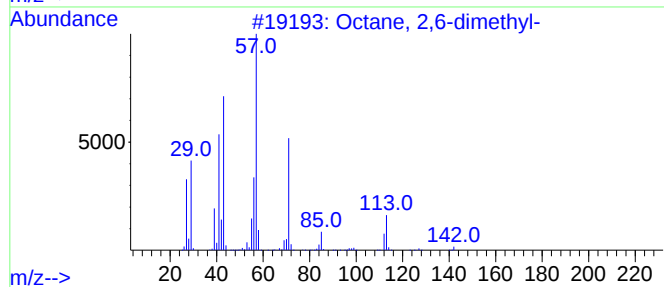
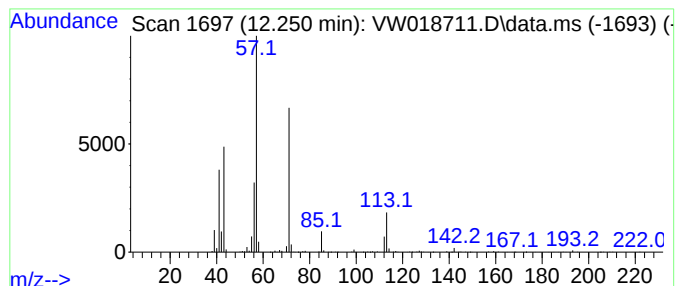
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.250	10.50 ug/L	571354	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	87
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	86
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	83
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

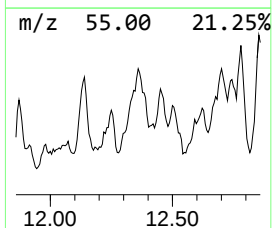
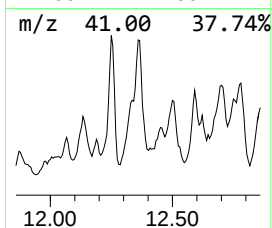
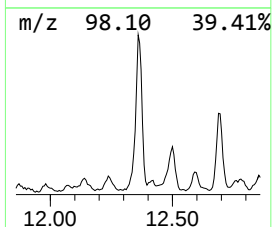
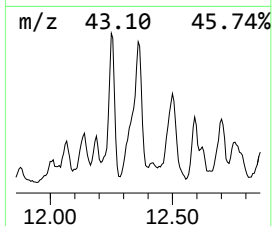
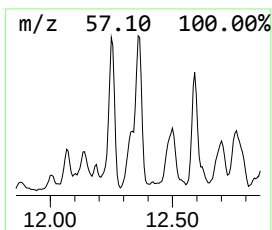
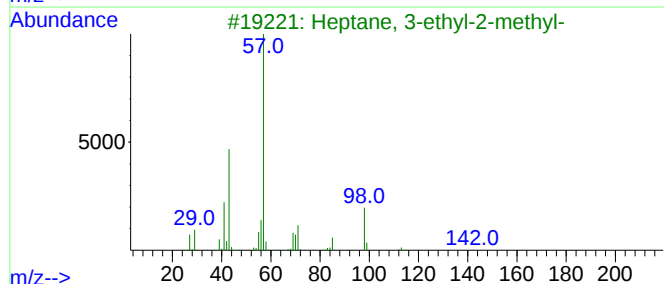
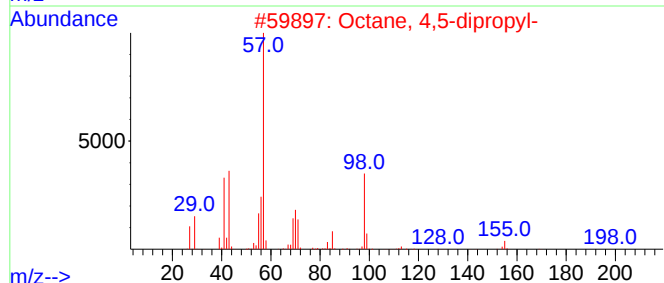
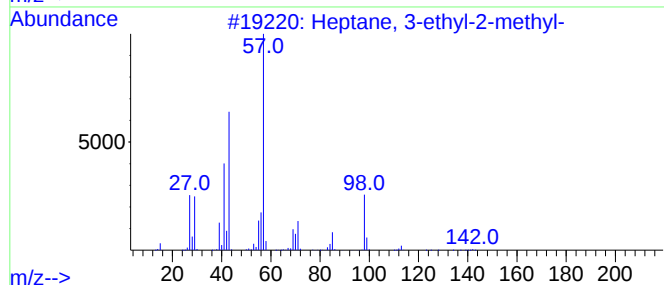
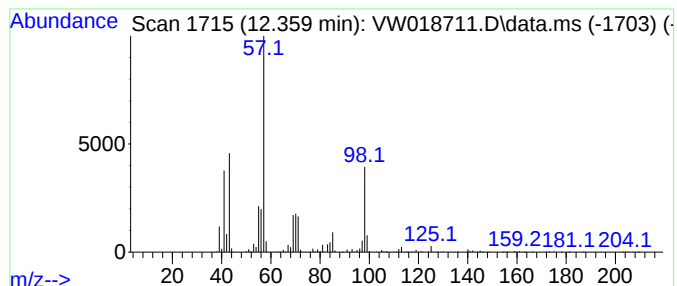
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.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.
12.359	24.24 ug/L	1318720	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	83
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

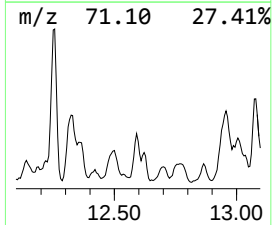
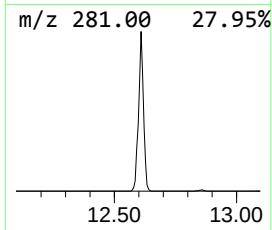
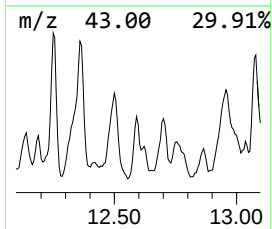
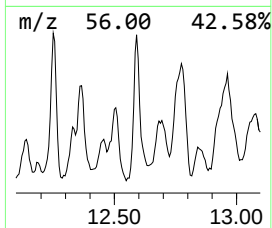
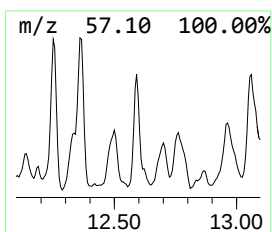
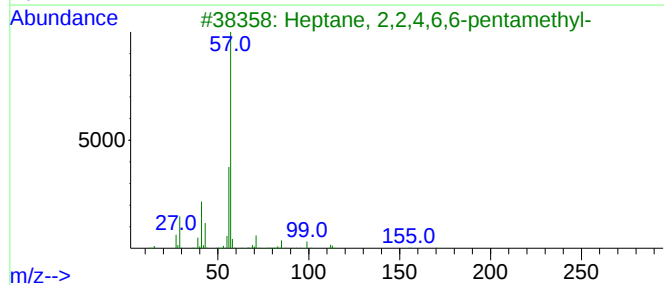
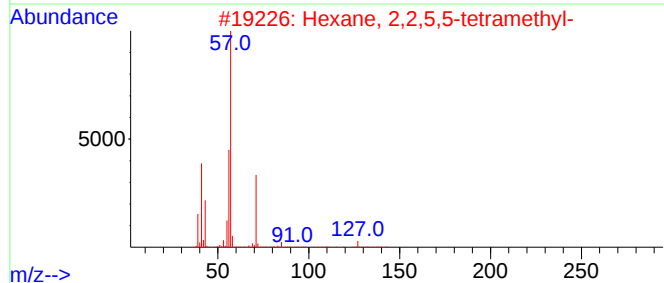
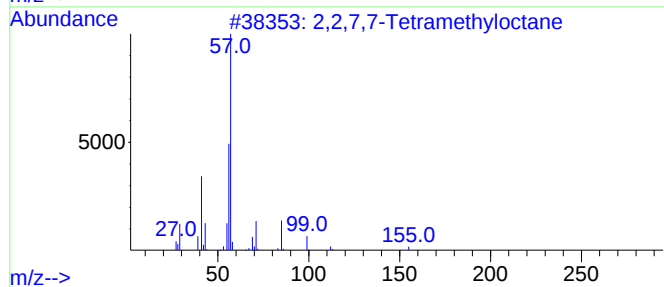
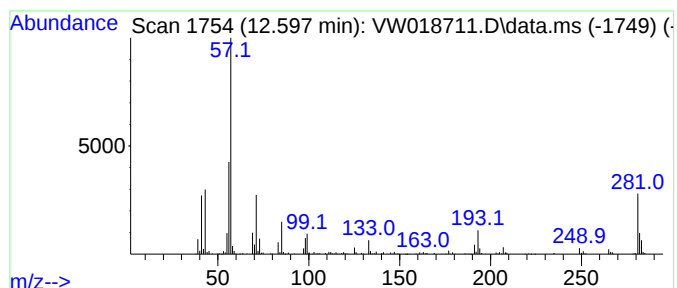
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.597	11.69 ug/L	635920	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	47
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	43
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

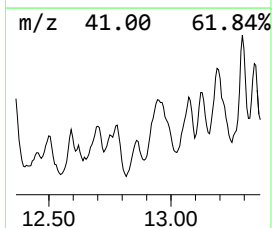
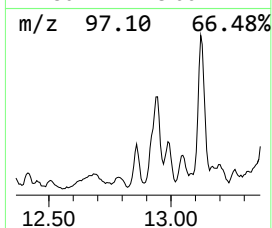
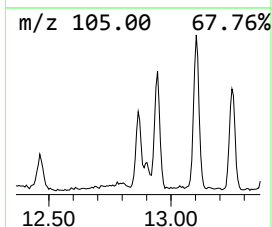
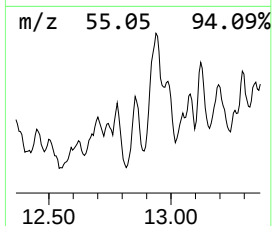
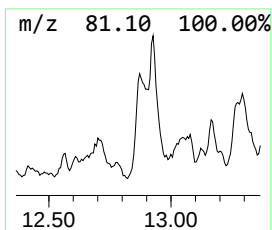
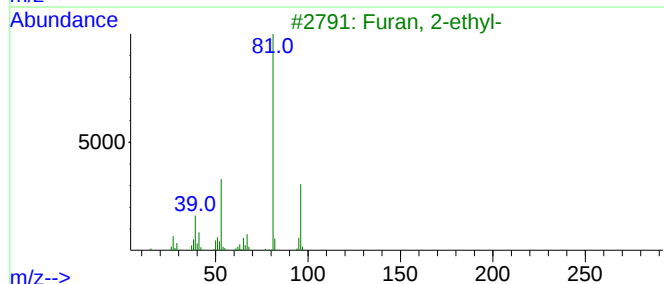
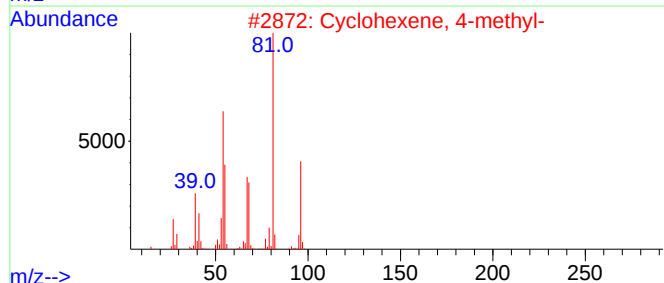
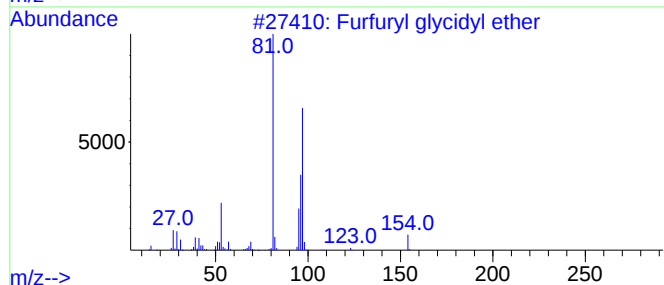
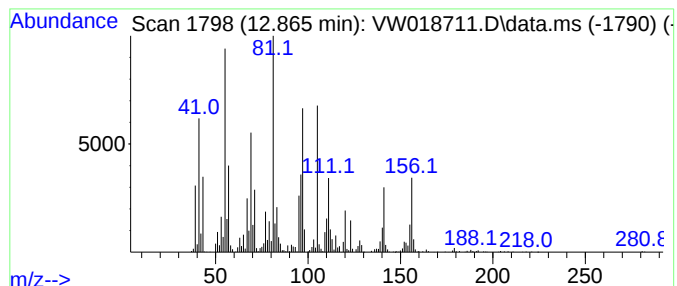
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	33.66 ug/L	849179	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	47
2			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	30
3			Furan, 2-ethyl-	96	C6H8O	003208-16-0	27
4			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	27
5			Ethanethioic acid, S-(2-furanylm...	156	C7H8O2S	013678-68-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

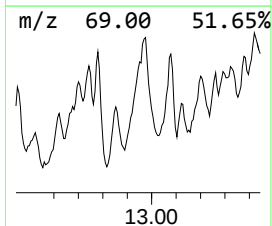
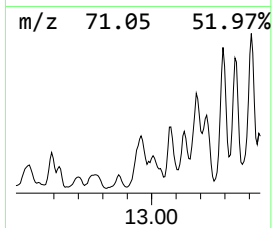
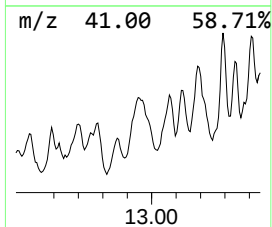
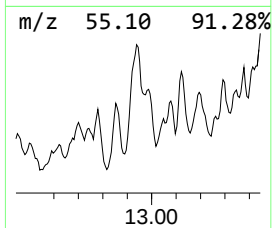
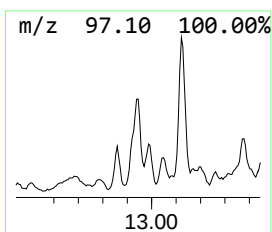
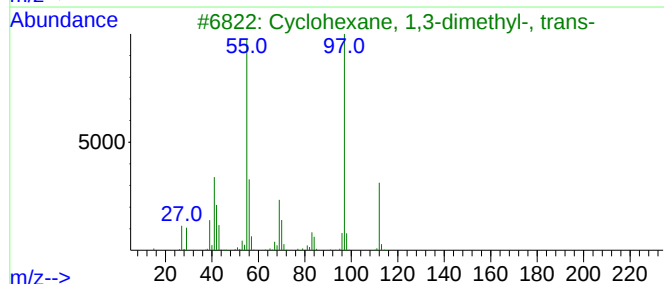
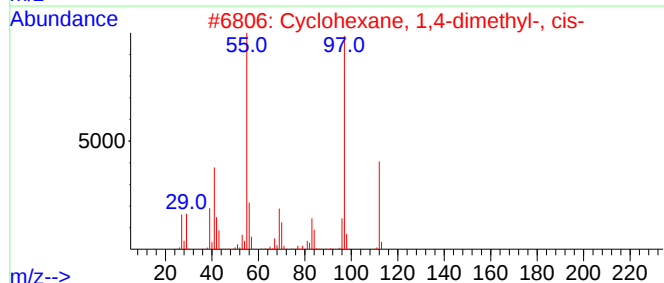
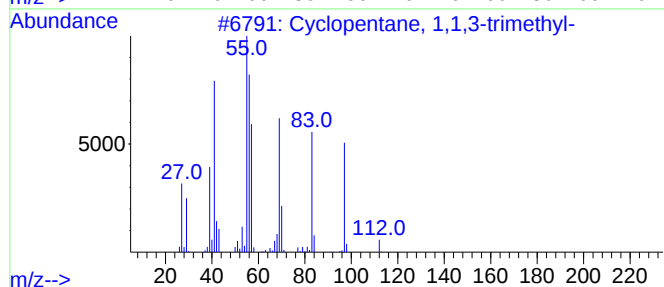
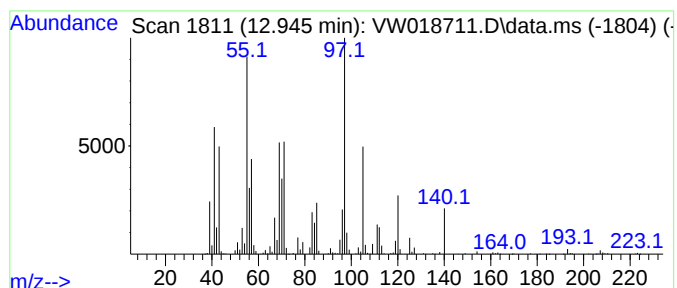
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic12.945 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.945	76.93 ug/L	1940820	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

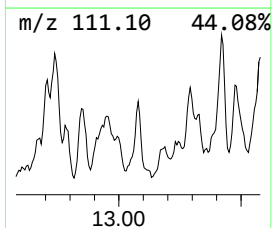
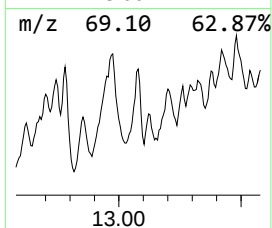
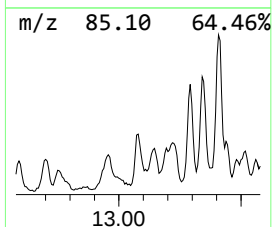
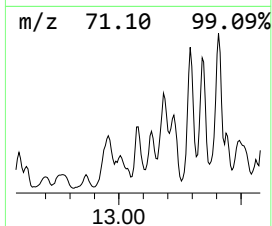
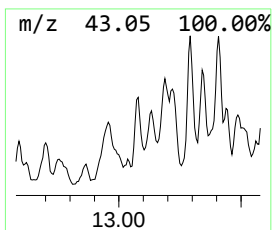
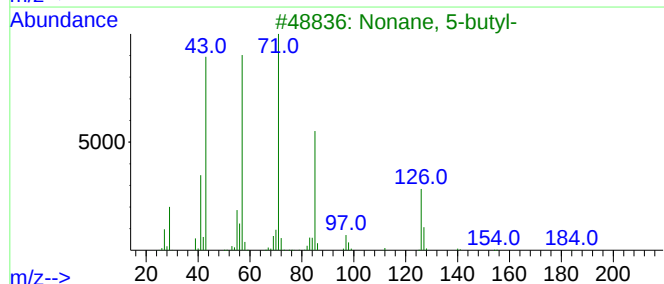
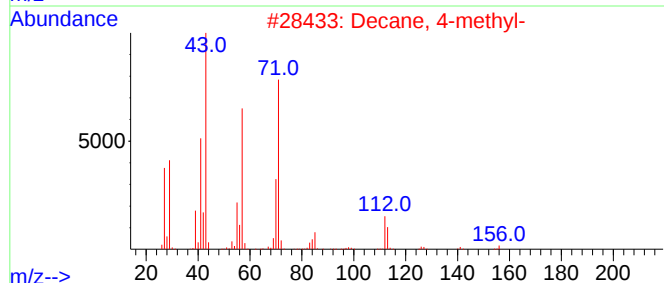
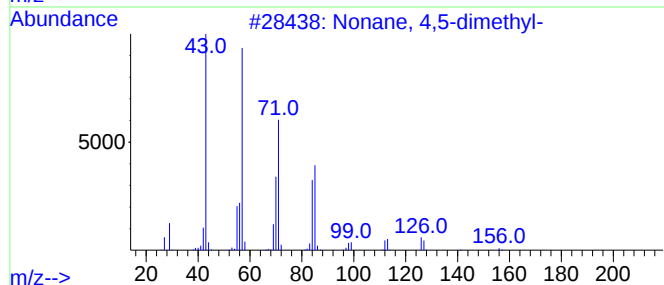
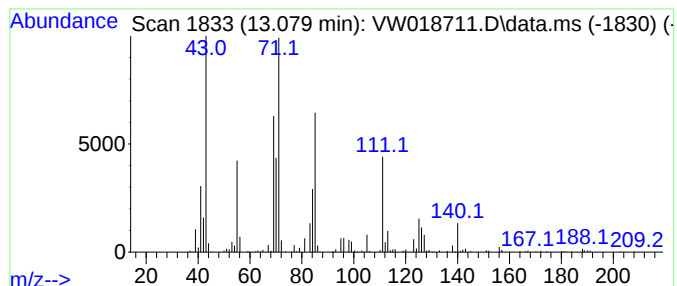
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.079	9.49 ug/L	239454	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	52
2	Decane, 4-methyl-	156	C11H24	002847-72-5	43
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
4	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	35
5	Glutaric acid, propyl tetrahydro...	258	C13H22O5	1000359-65-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

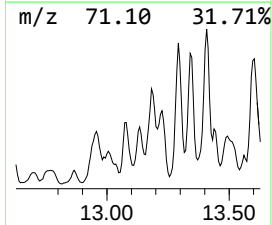
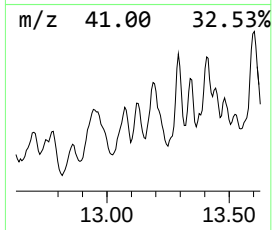
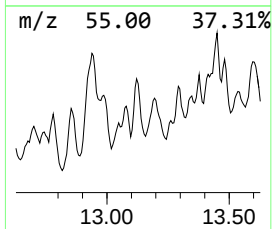
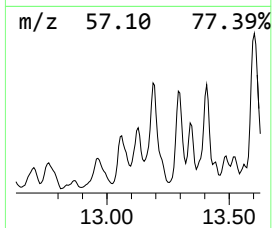
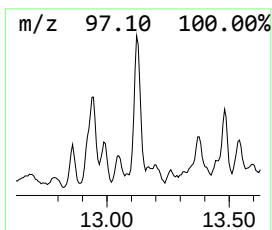
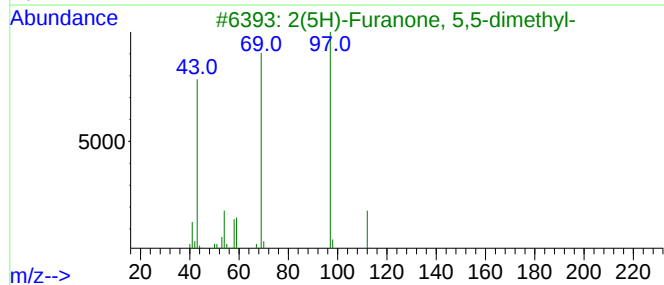
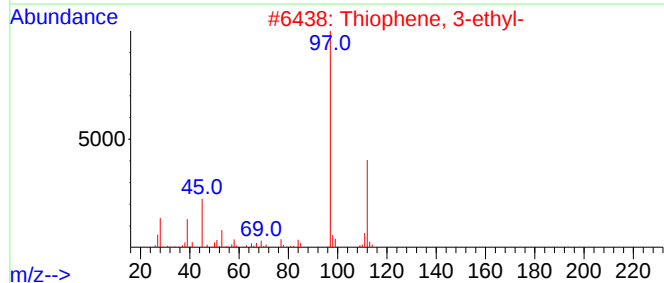
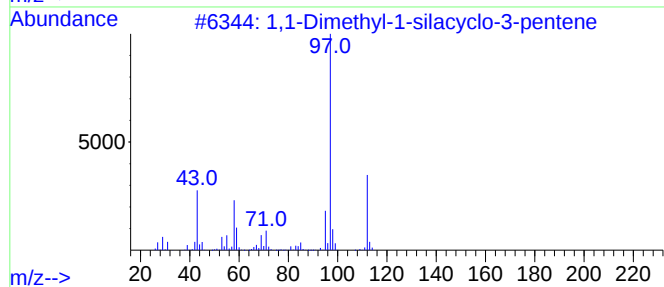
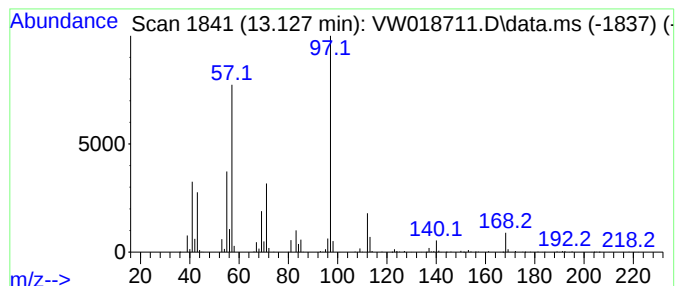
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1-Dimethyl-1-silacyclo-3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	16.83 ug/L	424711	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	50
2			Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	47
3			2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	47
4			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	43
5			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

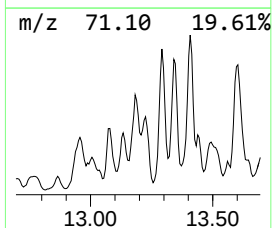
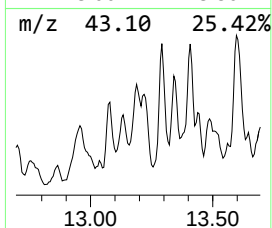
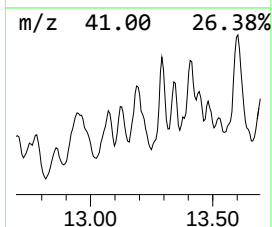
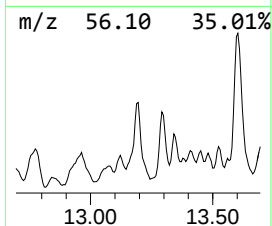
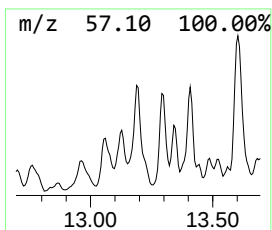
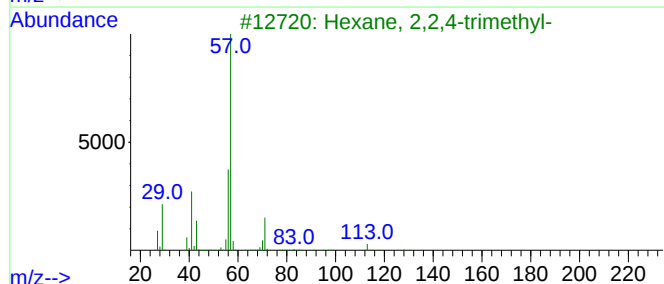
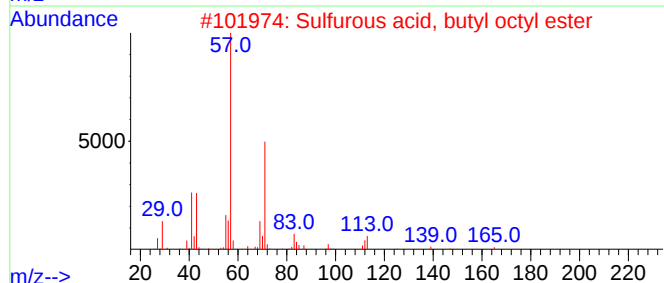
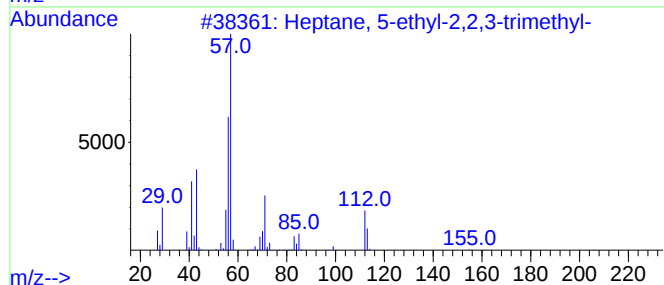
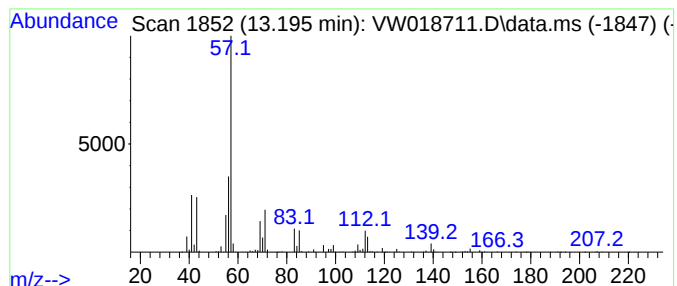
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.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.
13.195	30.92 ug/L	779979	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	53
2			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	43
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	43
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

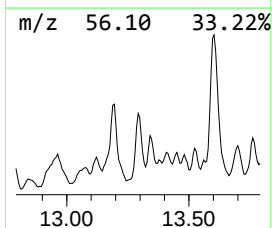
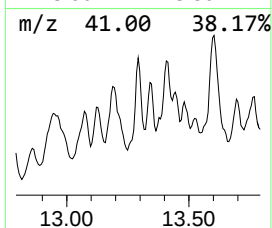
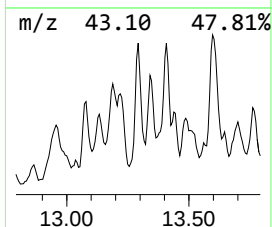
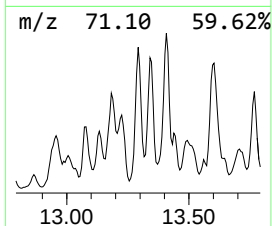
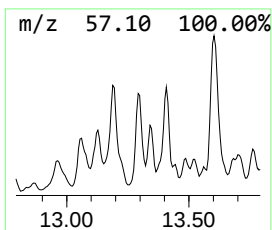
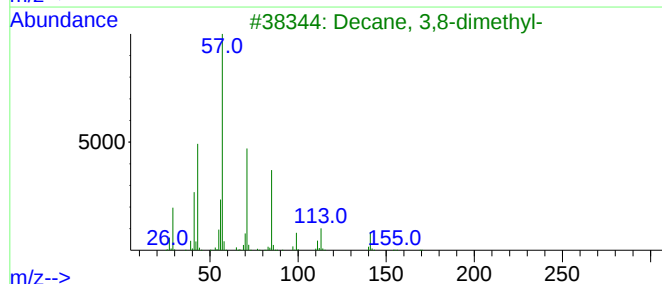
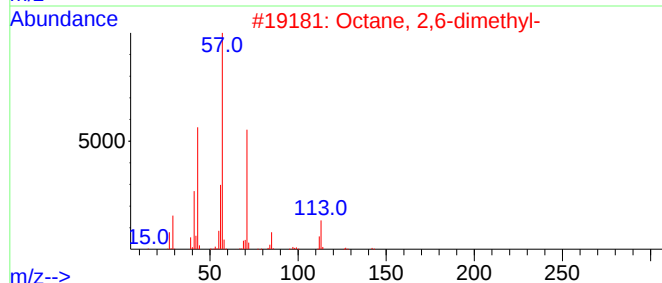
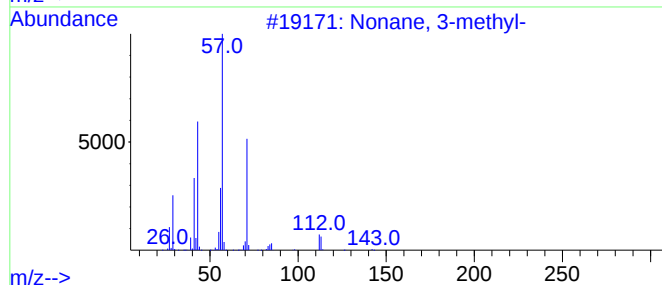
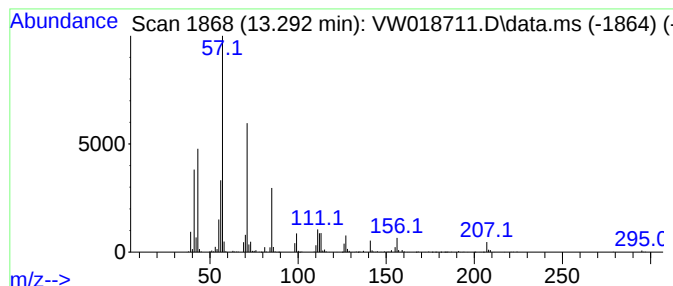
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	30.99 ug/L	781913	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

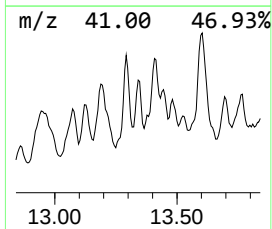
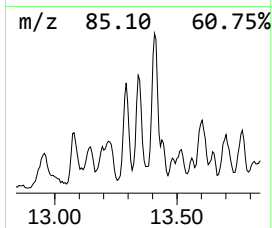
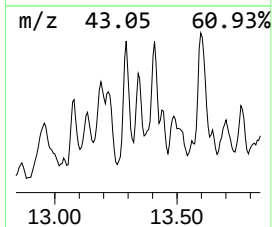
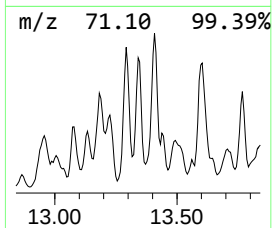
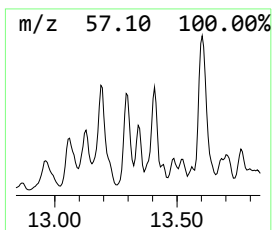
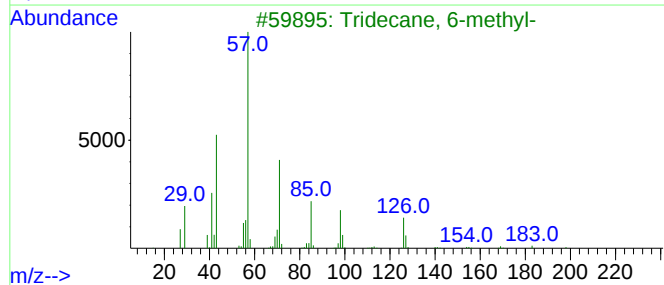
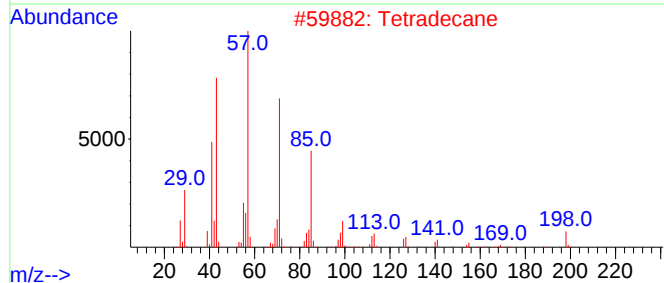
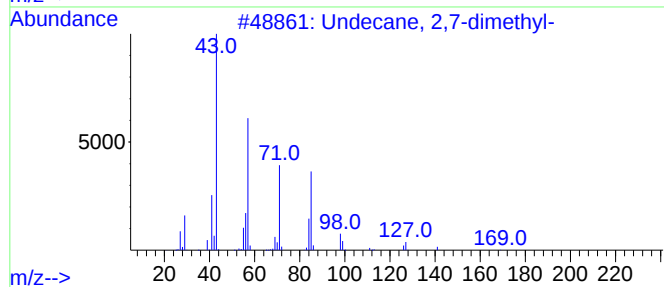
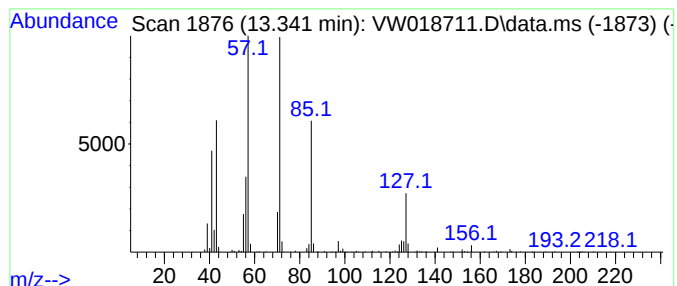
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.341	15.60 ug/L	393592	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,7-dimethyl-		184	C13H28	017301-24-5	64
2	Tetradecane		198	C14H30	000629-59-4	64
3	Tridecane, 6-methyl-		198	C14H30	013287-21-3	59
4	Heptane, 2,6-dimethyl-		128	C9H20	001072-05-5	53
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

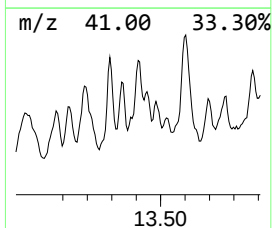
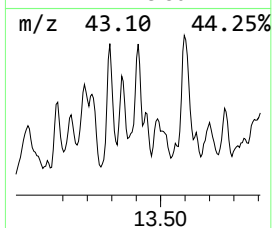
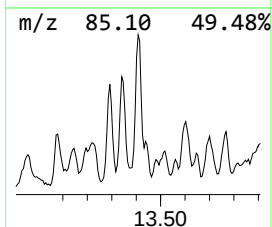
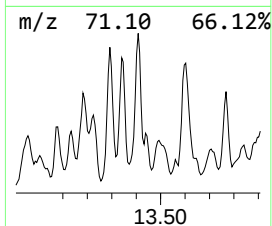
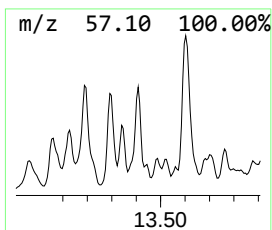
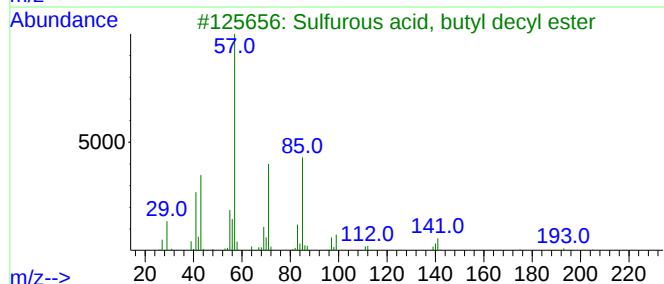
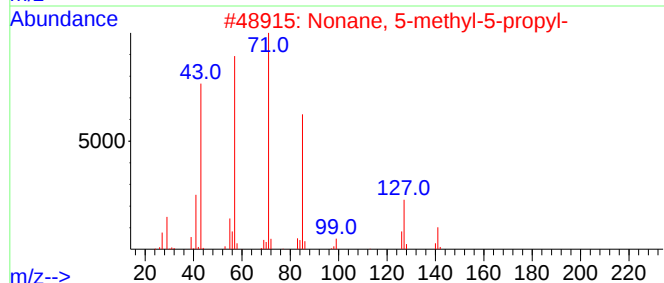
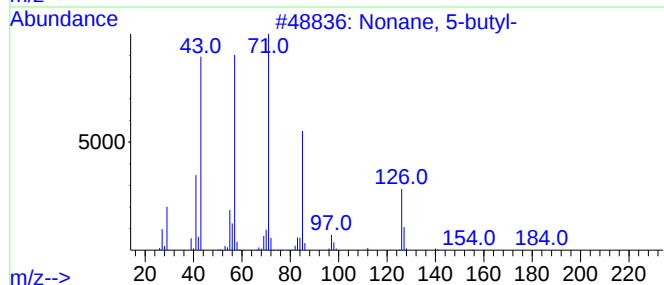
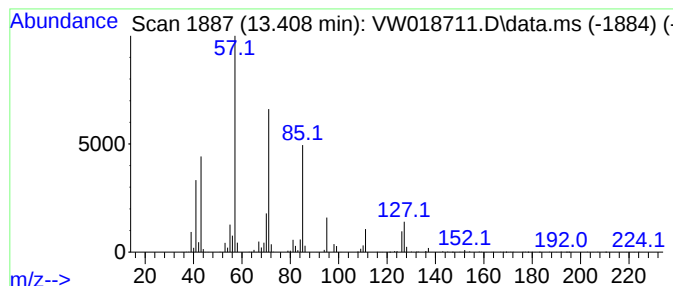
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.408	24.33 ug/L	613888	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-		184	C13H28	017312-63-9	59
2	Nonane, 5-methyl-5-propyl-		184	C13H28	017312-75-3	59
3	Sulfurous acid, butyl decyl ester		278	C14H30O3S	1000309-17-7	59
4	Decane, 5-propyl-		184	C13H28	017312-62-8	47
5	Decane, 3-methyl-		156	C11H24	013151-34-3	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

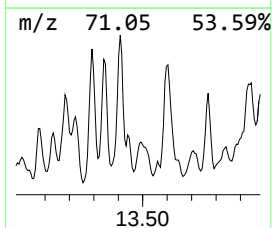
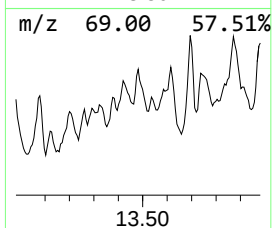
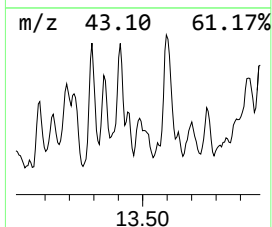
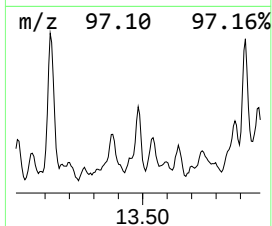
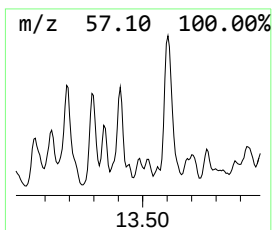
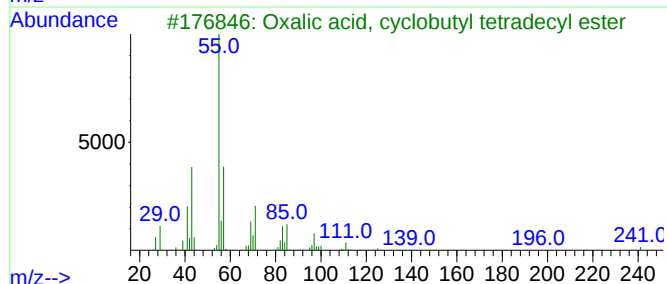
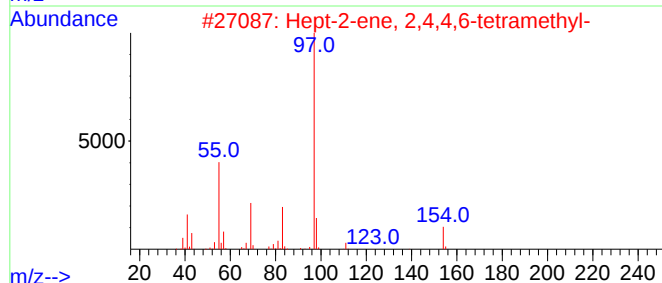
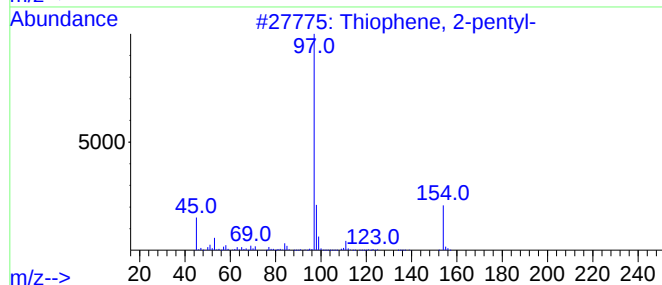
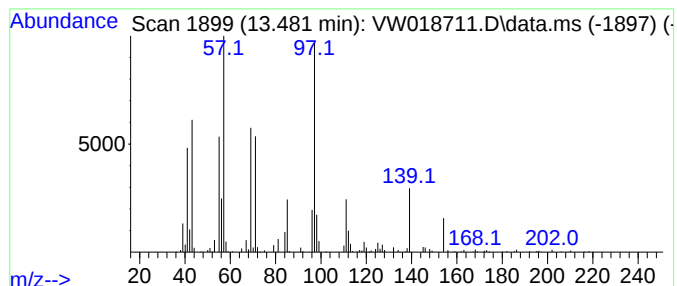
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	9.94 ug/L	250802	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	38
2			Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	27
3			Oxalic acid, cyclobutyl tetradecyl...	340	C20H36O4	1000309-70-9	27
4			2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	27
5			2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG570RE

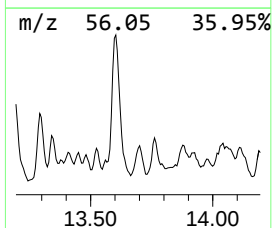
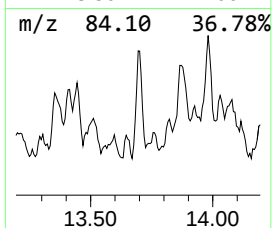
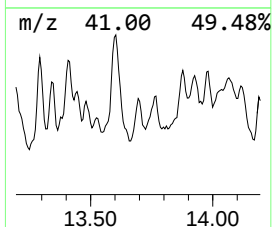
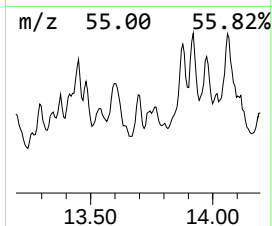
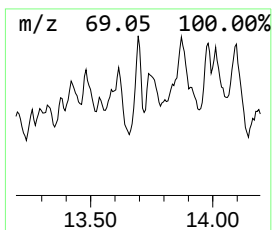
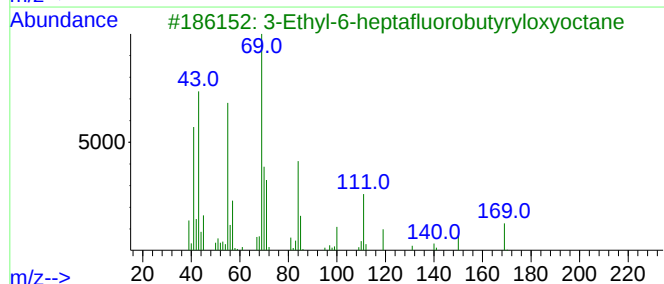
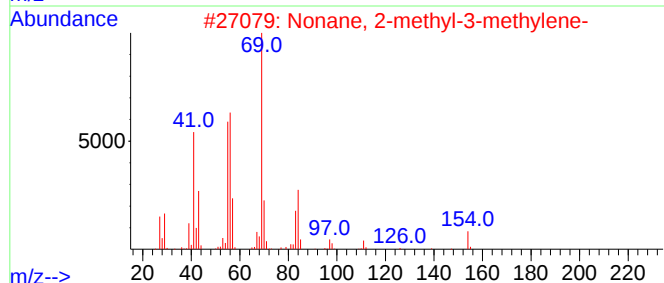
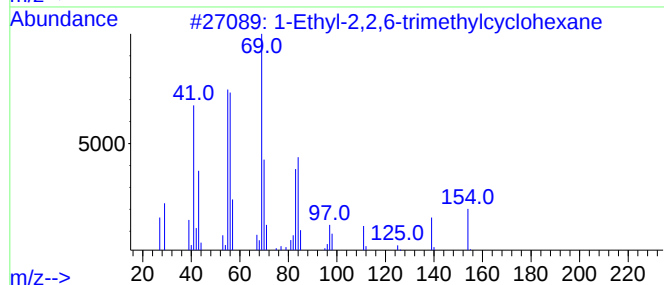
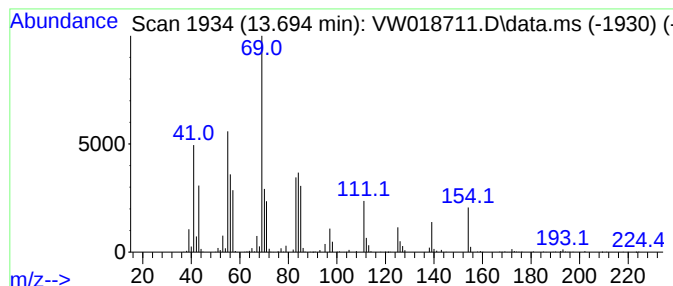
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic13.694 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	18.47 ug/L	465842	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	64
2			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
3			3-Ethyl-6-heptafluorobutyryloxyo...	354	C14H21F7O2	1000215-97-4	50
4			4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	50
5			Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

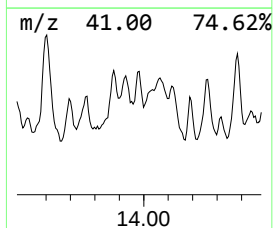
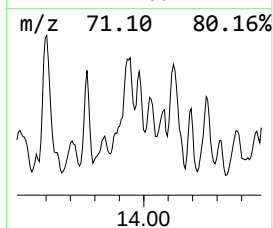
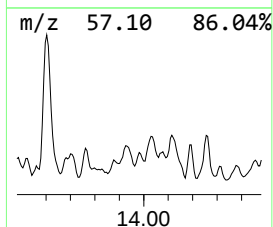
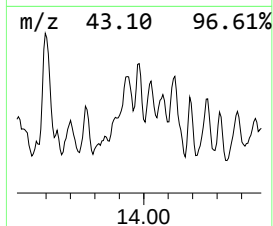
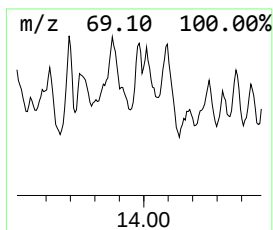
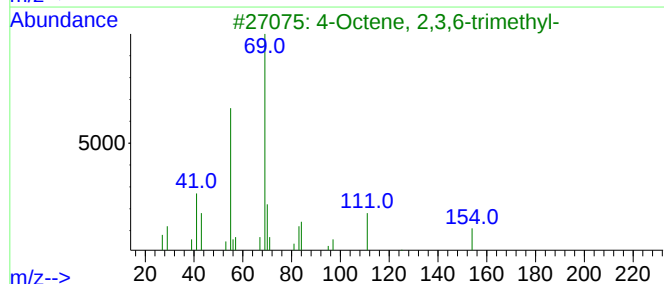
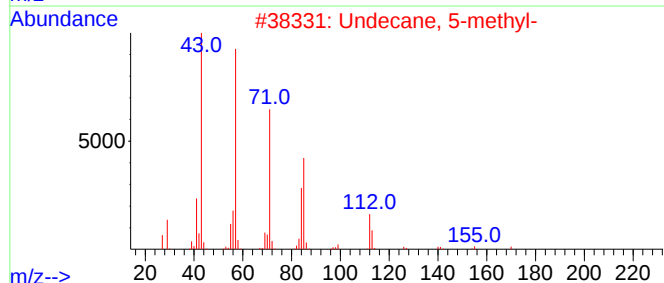
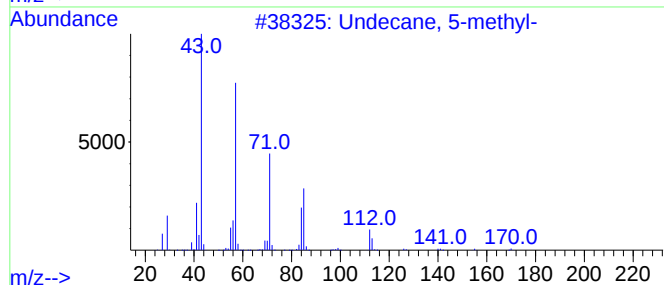
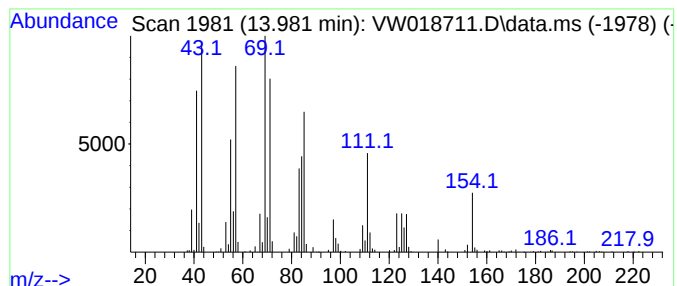
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.981	14.10 ug/L	355807	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-		170	C12H26	001632-70-8	46
2	Undecane, 5-methyl-		170	C12H26	001632-70-8	38
3	4-Octene, 2,3,6-trimethyl-		154	C11H22	063830-65-9	38
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	30
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

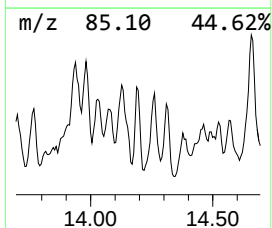
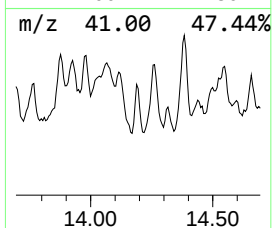
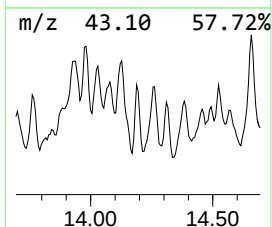
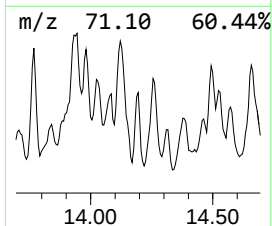
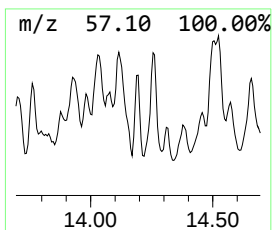
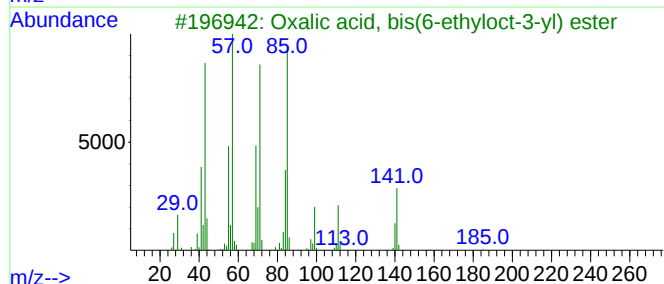
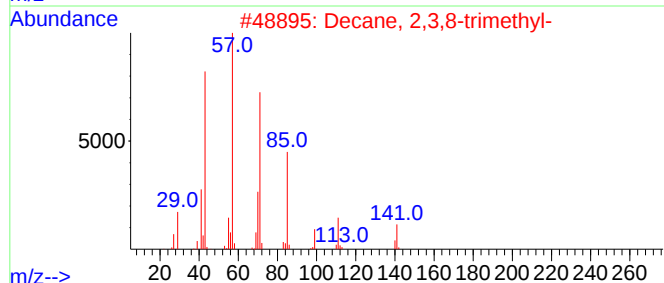
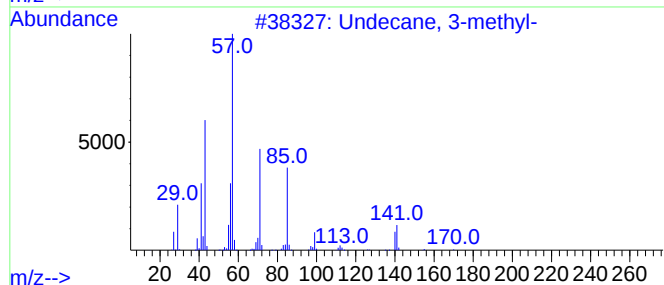
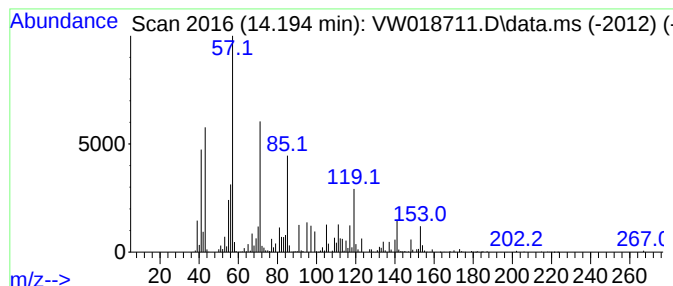
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.194	20.84 ug/L	525882	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	53
2	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	52
3	Oxalic acid, bis(6-ethyloct-3-yl...)		370	C22H42O4	1000309-34-6	50
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	49
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

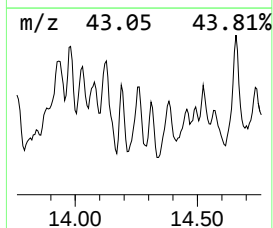
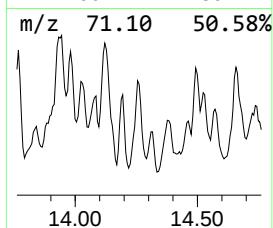
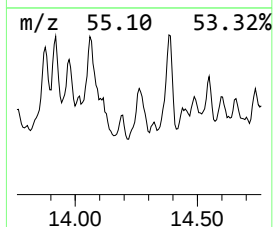
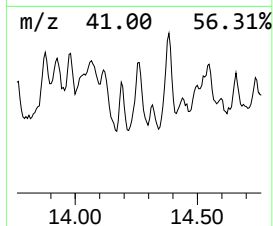
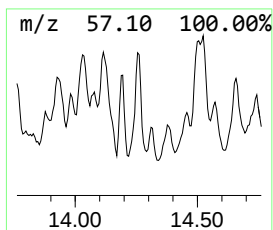
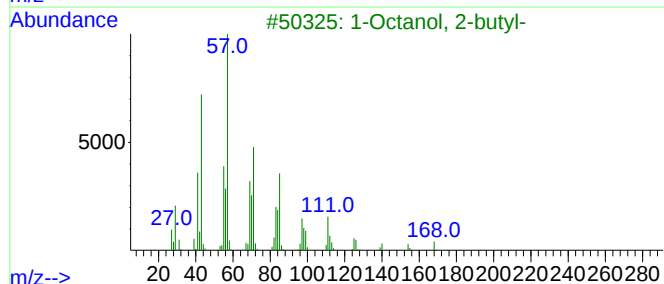
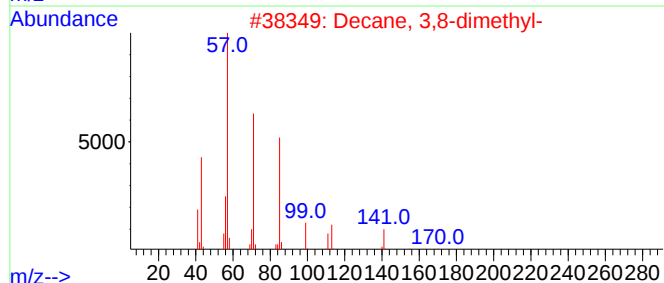
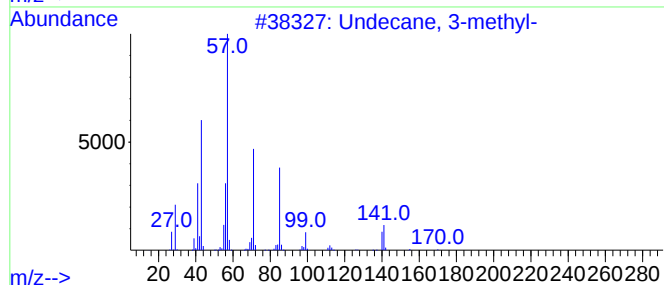
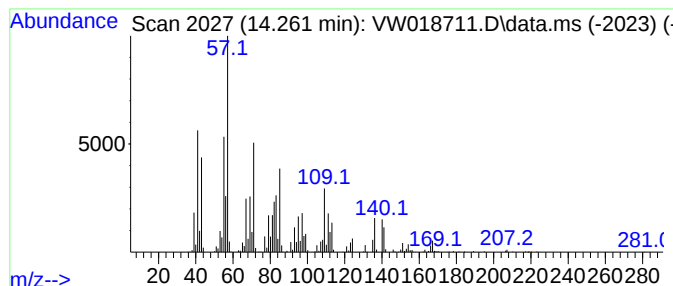
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.261	32.19 ug/L	812210	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	64
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	60
3	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	50
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	50
5	Decane		142	C10H22	000124-18-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG570RE

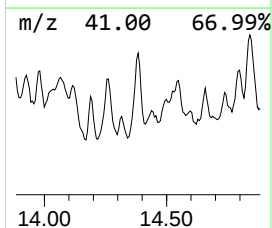
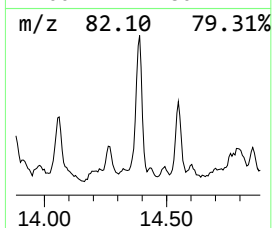
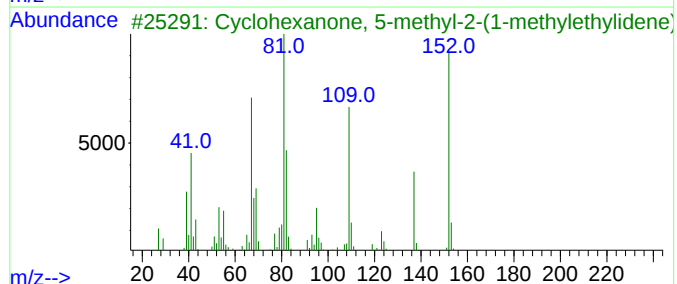
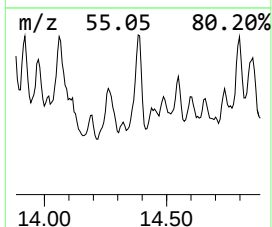
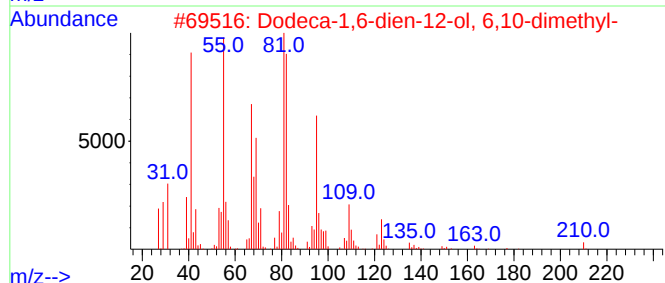
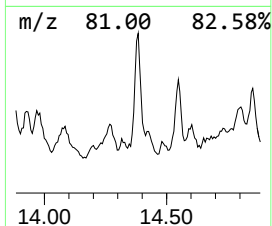
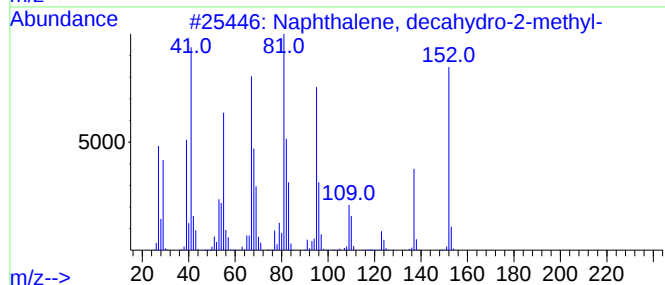
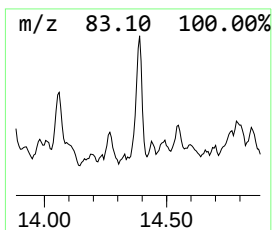
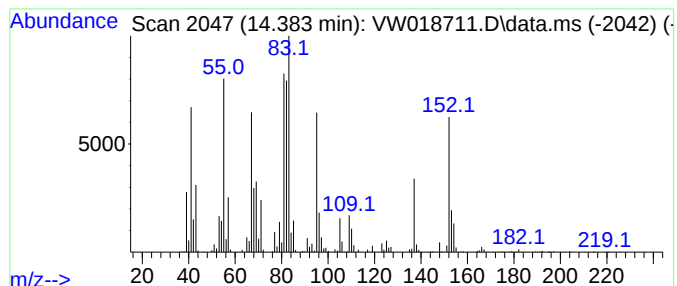
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	45.14 ug/L	1138910	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2			Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	49
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	45
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

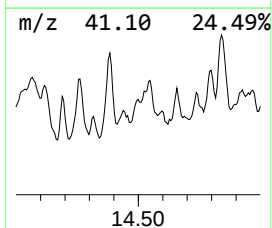
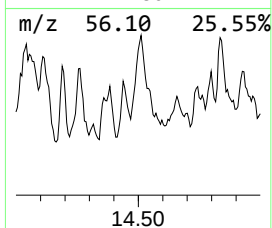
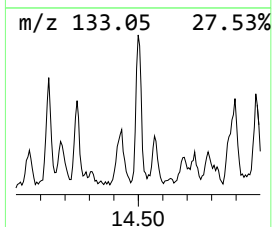
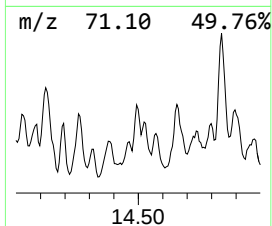
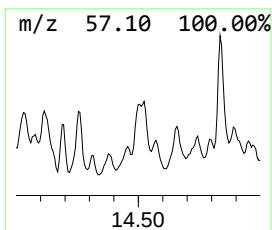
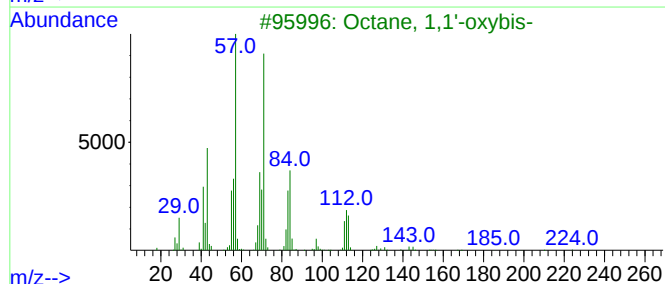
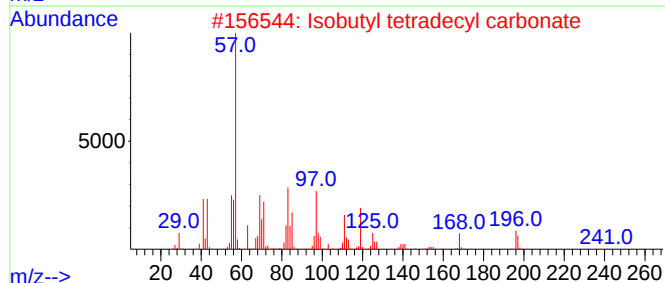
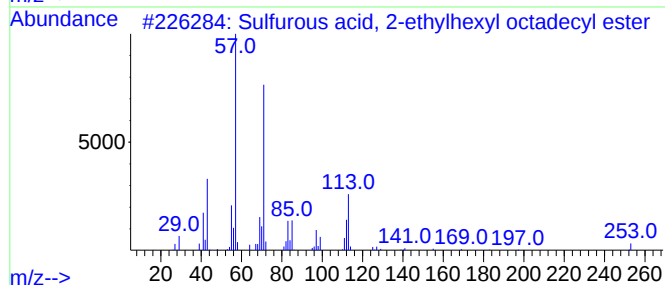
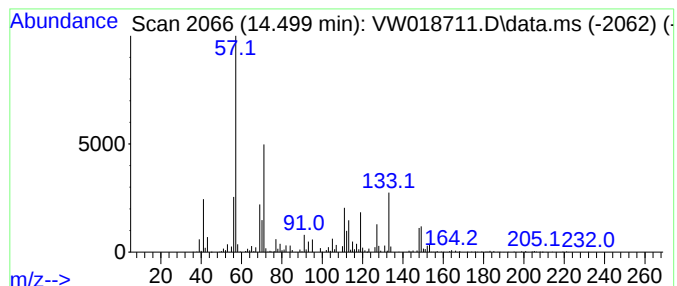
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	12.11 ug/L	305555	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	38
2			Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	37
3			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	32
4			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	32
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

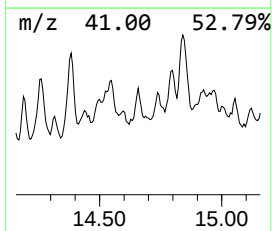
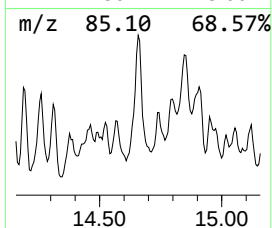
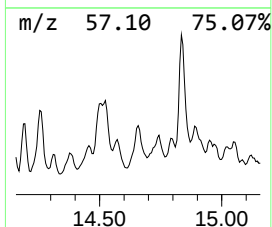
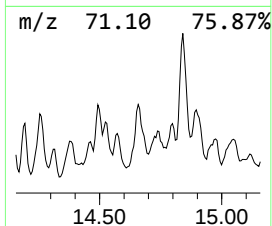
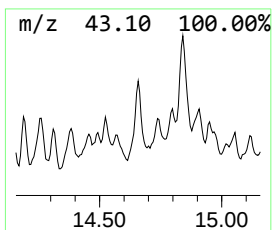
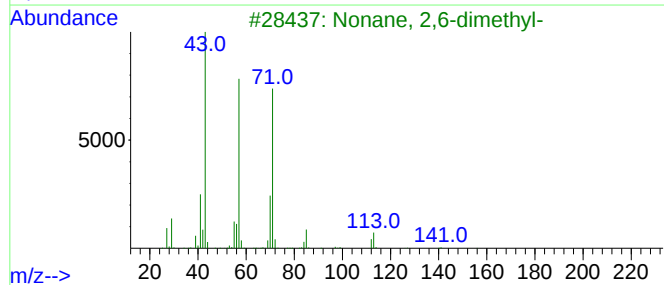
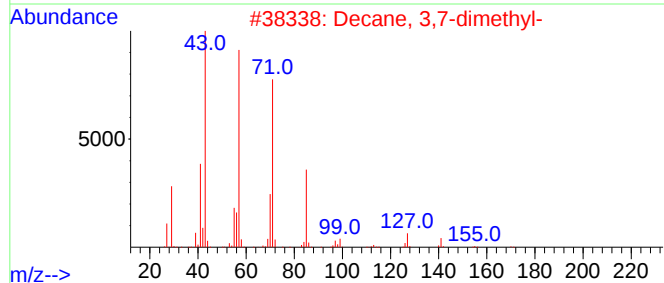
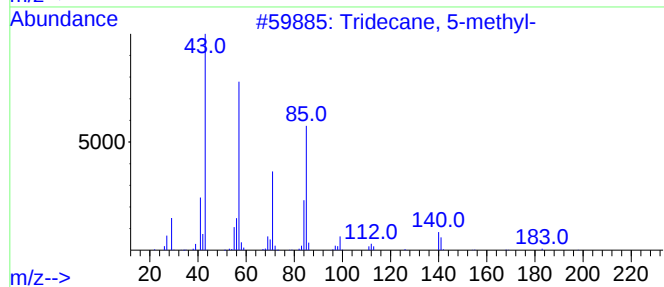
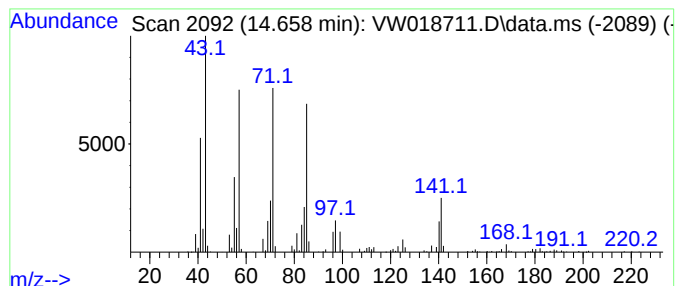
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.658	9.53 ug/L	240358	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-methyl-		198	C14H30	025117-31-1	55
2	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	49
3	Nonane, 2,6-dimethyl-		156	C11H24	017302-28-2	38
4	Heptane, 2,4,6-trimethyl-		142	C10H22	002613-61-8	38
5	Sulfurous acid, isohexyl 2-penty...		236	C11H24O3S	1000309-15-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

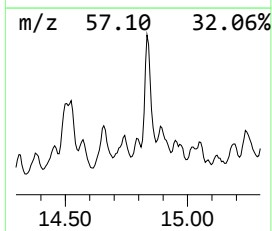
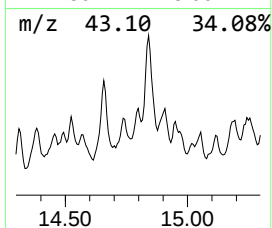
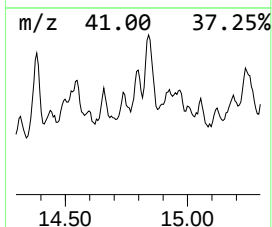
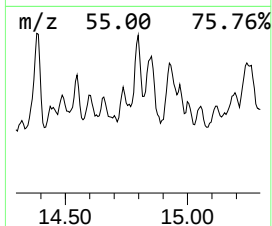
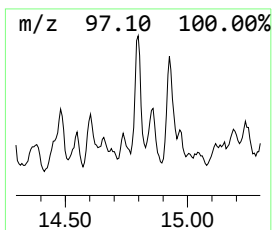
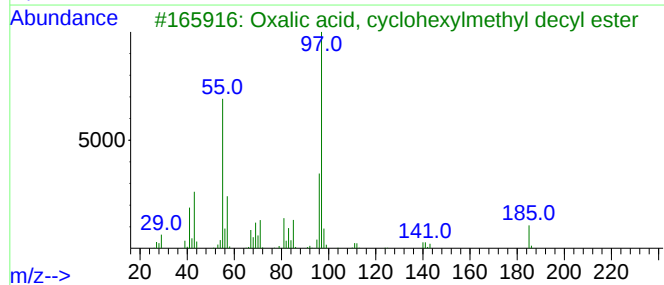
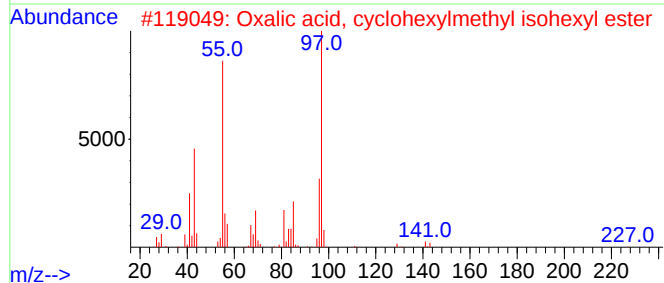
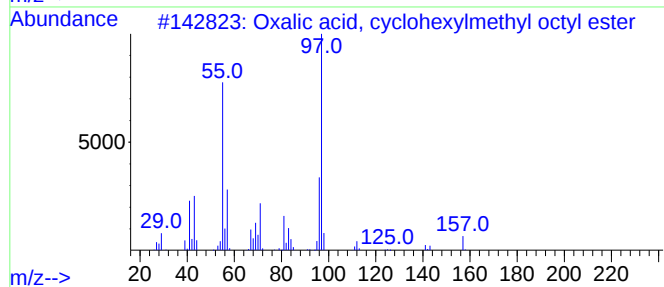
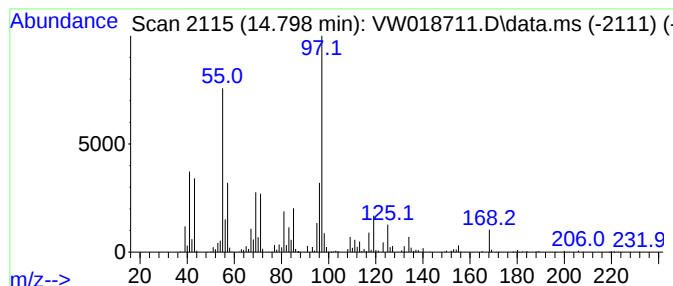
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Oxalic acid, cyclohexylmeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	22.17 ug/L	559233	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58
2			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	58
3			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	53
4			Oxalic acid, cyclohexylmethyl un...	340	C20H36O4	1000309-68-8	53
5			Oxalic acid, cyclohexylmethyl do...	354	C21H38O4	1000309-68-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

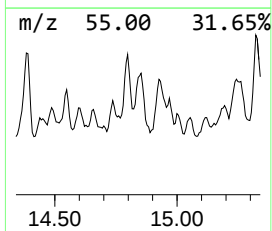
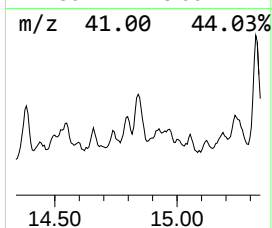
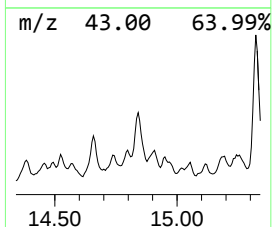
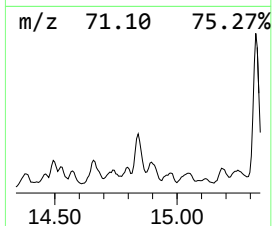
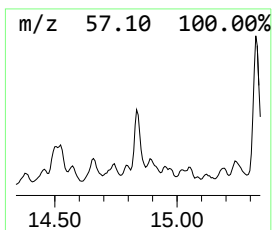
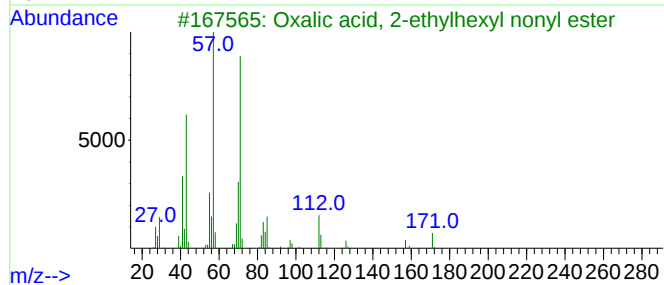
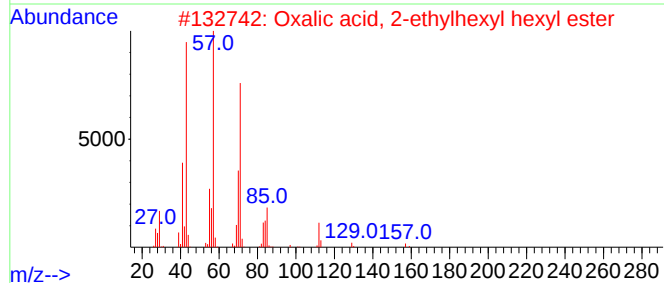
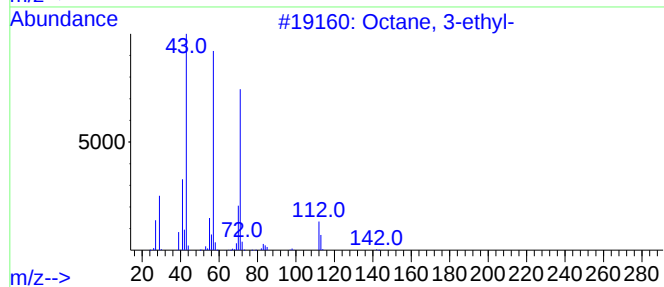
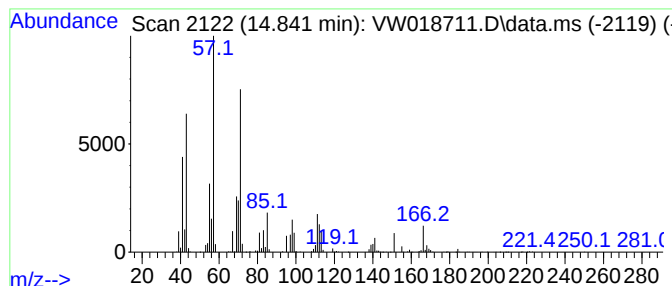
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.841	40.10 ug/L	1011630	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	76
2	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
3	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

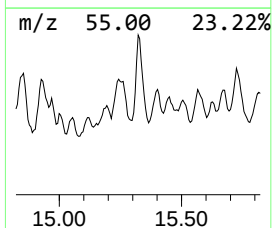
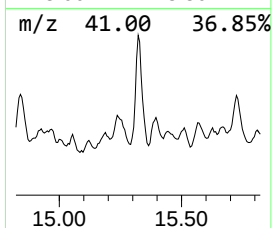
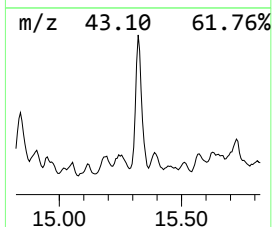
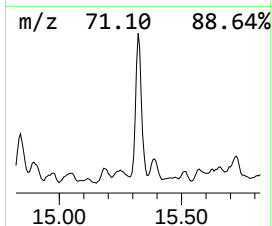
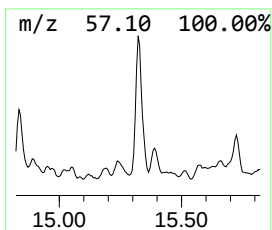
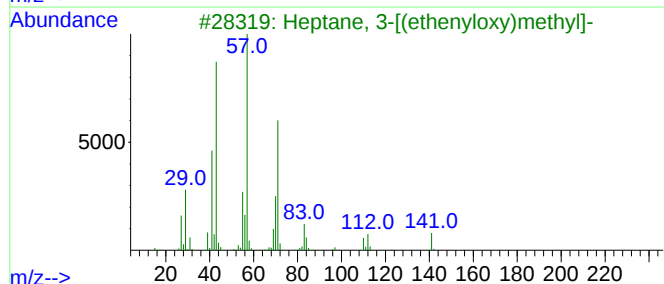
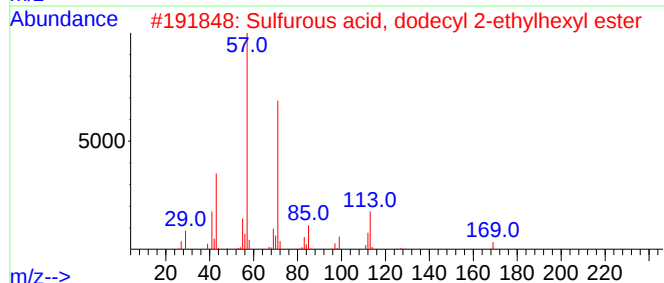
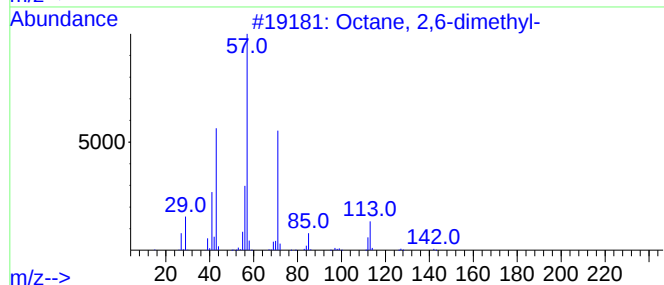
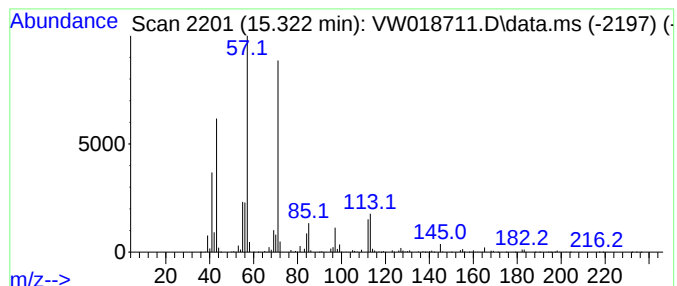
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.322	81.76 ug/L	2062650	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86
2	Sulfurous acid, dodecyl 2-ethylh...		362	C20H42O3S	1000309-19-5	64
3	Heptane, 3-[(ethenyloxy)methyl]-		156	C10H20O	000103-44-6	59
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	58
5	Butane, 2,2-dimethyl-		86	C6H14	000075-83-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

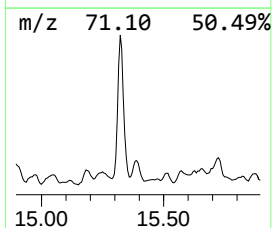
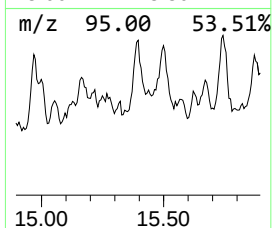
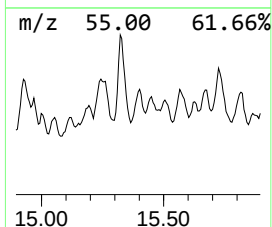
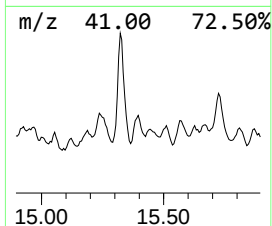
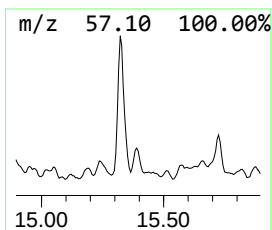
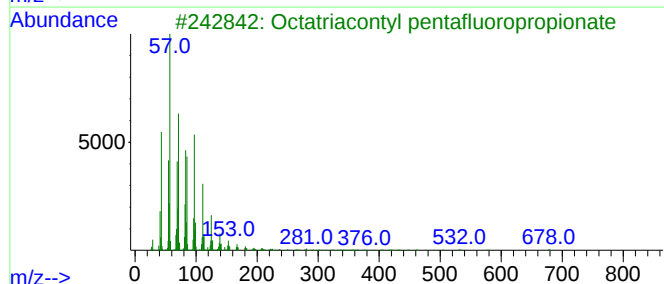
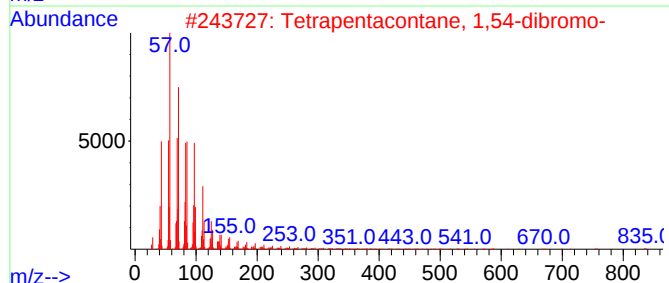
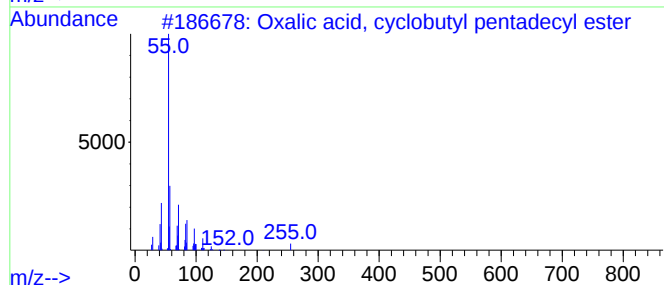
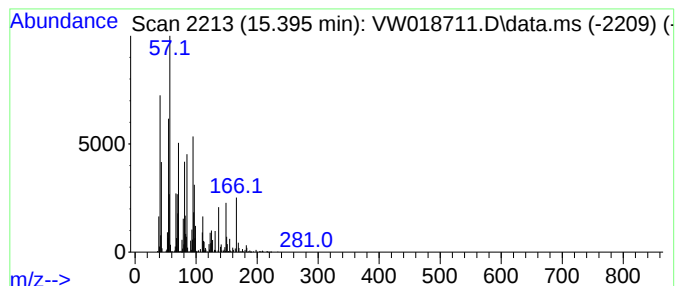
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	21.90 ug/L	552525	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	46
2			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	35
3			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	30
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	22
5			Tridecane	184	C13H28	000629-50-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

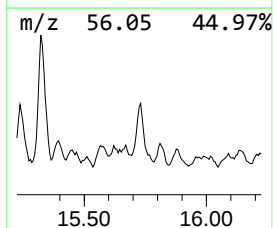
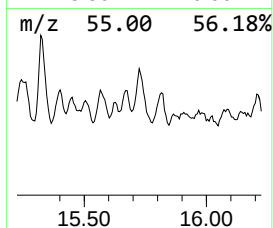
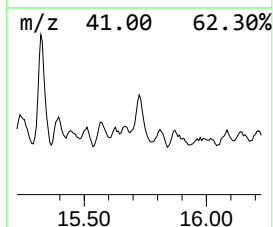
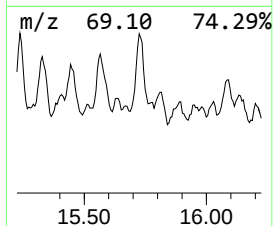
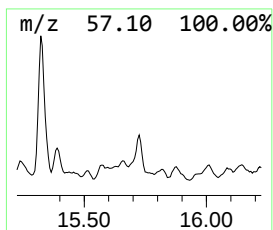
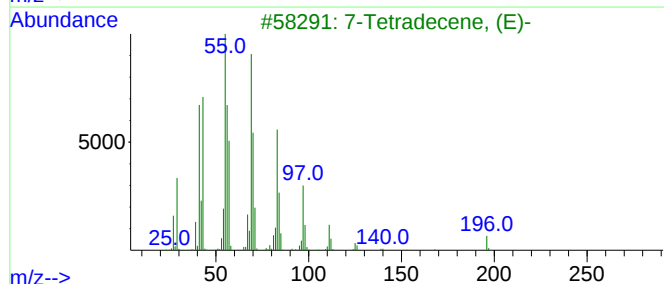
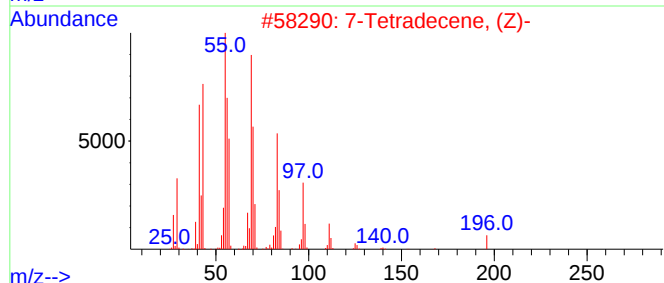
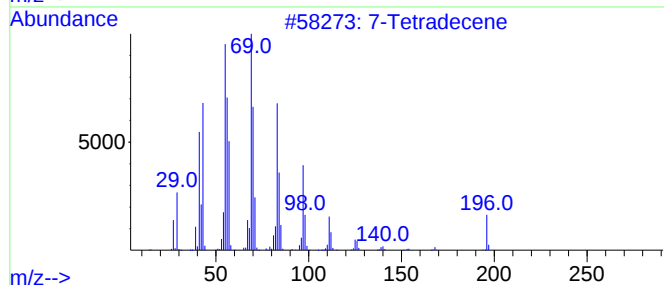
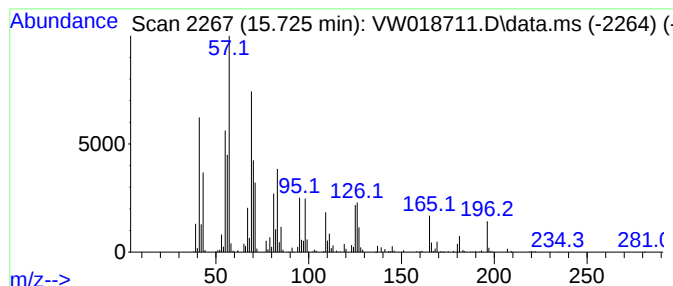
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	46.48 ug/L	1172580	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Tetradecene	196	C14H28	010374-74-0	86
2			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	70
3			7-Tetradecene, (E)-	196	C14H28	041446-63-3	70
4			3-Tetradecene, (E)-	196	C14H28	041446-68-8	68
5			3-Tetradecene, (E)-	196	C14H28	041446-68-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018711.D
Acq On : 21 Apr 2021 14:45
Operator : SY/VA
Sample : M2065-17RE
Misc : 3.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

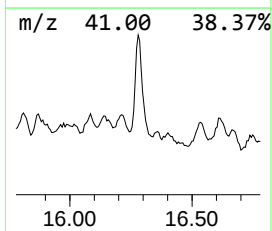
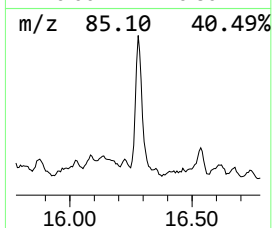
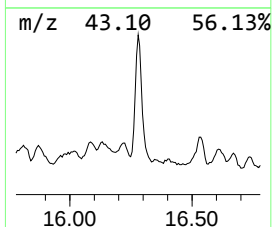
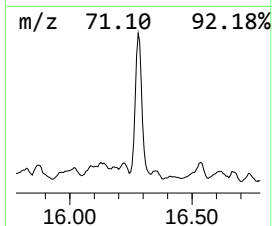
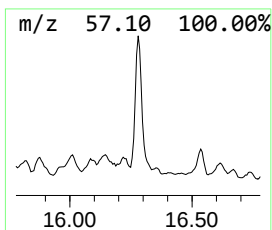
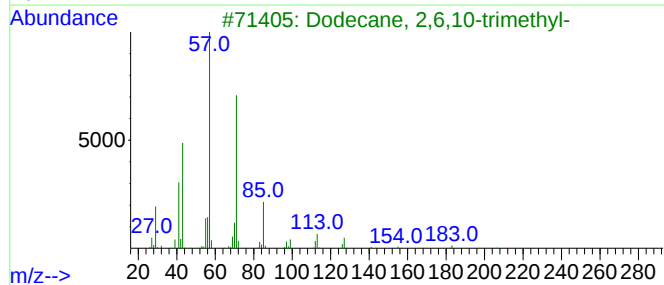
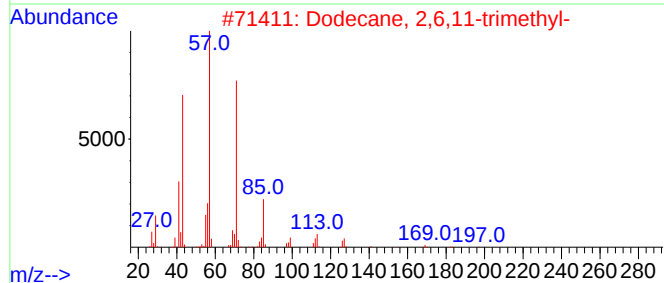
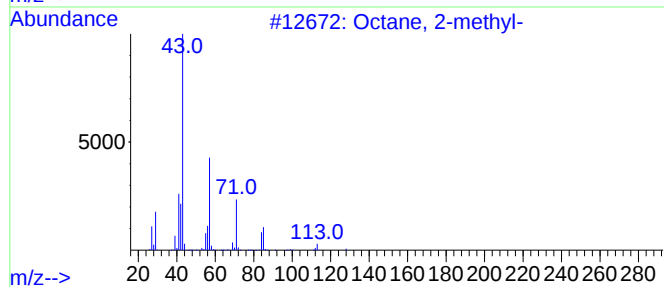
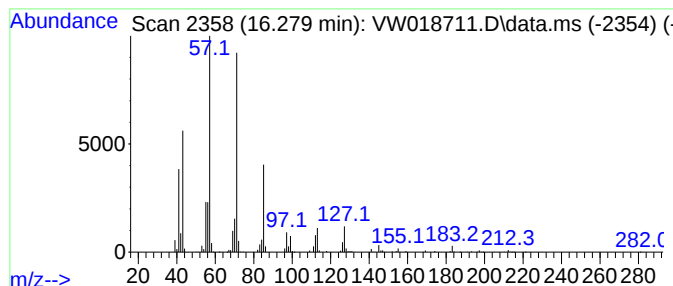
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	74.97 ug/L	1891370	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	81
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018711.D
 Acq On : 21 Apr 2021 14:45
 Operator : SY/VA
 Sample : M2065-17RE
 Misc : 3.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	8.482	1.6	ug/L	89991	1	8.842	1431730	25.0
(DEL) Alkane: S...	9.762	1.3	ug/L	71713	1	8.842	1431730	25.0
(DEL) Alkane: S...	9.896	1.3	ug/L	72204	1	8.842	1431730	25.0
(DEL) Alkane: C...	11.231	1.5	ug/L	81601	2	11.634	1360170	25.0
(DEL) Alkane: S...	12.250	10.5	ug/L	571354	2	11.634	1360170	25.0
(DEL) Alkane: S...	12.359	24.2	ug/L	1318720	2	11.634	1360170	25.0
(DEL) Alkane: S...	12.597	11.7	ug/L	635920	2	11.634	1360170	25.0
unknown-01	12.865	33.7	ug/L	849179	3	13.560	630708	25.0
(DEL) Alkane: C...	12.945	76.9	ug/L	1940820	3	13.560	630708	25.0
(DEL) Alkane: S...	13.079	9.5	ug/L	239454	3	13.560	630708	25.0
1,1-Dimethyl-1-...	13.127	16.8	ug/L	424711	3	13.560	630708	25.0
(DEL) Alkane: S...	13.195	30.9	ug/L	779979	3	13.560	630708	25.0
(DEL) Alkane: S...	13.292	31.0	ug/L	781913	3	13.560	630708	25.0
(DEL) Alkane: S...	13.341	15.6	ug/L	393592	3	13.560	630708	25.0
(DEL) Alkane: S...	13.408	24.3	ug/L	613888	3	13.560	630708	25.0
unknown-02	13.481	9.9	ug/L	250802	3	13.560	630708	25.0
(DEL) Alkane: C...	13.694	18.5	ug/L	465842	3	13.560	630708	25.0
(DEL) Alkane: S...	13.981	14.1	ug/L	355807	3	13.560	630708	25.0
(DEL) Alkane: S...	14.194	20.8	ug/L	525882	3	13.560	630708	25.0
(DEL) Alkane: S...	14.261	32.2	ug/L	812210	3	13.560	630708	25.0
Naphthalene, de...	14.383	45.1	ug/L	1138910	3	13.560	630708	25.0
unknown-03	14.499	12.1	ug/L	305555	3	13.560	630708	25.0
(DEL) Alkane: S...	14.658	9.5	ug/L	240358	3	13.560	630708	25.0
Oxalic acid, cy...	14.798	22.2	ug/L	559233	3	13.560	630708	25.0
(DEL) Alkane: S...	14.841	40.1	ug/L	1011630	3	13.560	630708	25.0
(DEL) Alkane: S...	15.322	81.8	ug/L	2062650	3	13.560	630708	25.0
unknown-04	15.395	21.9	ug/L	552525	3	13.560	630708	25.0
(DEL) Alkane: S...	15.725	46.5	ug/L	1172580	3	13.560	630708	25.0
(DEL) Alkane: S...	16.279	75.0	ug/L	1891370	3	13.560	630708	25.0