

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018826.D
 Acq On : 28 Apr 2021 17:31
 Operator : SY/VA
 Sample : M2177-14
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG578

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: VW018826.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	37	41	48	rBV	15371	35931	2.37%	0.231%
2	2.355	66	74	85	rVB	68539	144956	9.56%	0.930%
3	2.501	93	98	101	rBV	5915	10442	0.69%	0.067%
4	2.812	147	149	152	rBV4	1185	1197	0.08%	0.008%
5	2.898	155	163	176	rVV	64746	163310	10.77%	1.048%
6	3.001	178	180	183	rVB4	1611	1403	0.09%	0.009%
7	3.379	240	242	244	rBV2	1017	890	0.06%	0.006%
8	3.452	251	254	258	rVB3	472	677	0.04%	0.004%
9	3.568	272	273	275	rBV2	565	455	0.03%	0.003%
10	3.599	275	278	279	rBV2	606	756	0.05%	0.005%
11	3.672	286	290	291	rBV3	750	700	0.05%	0.004%
12	3.751	300	303	305	rVB3	464	523	0.03%	0.003%
13	3.843	317	318	320	rBV2	484	455	0.03%	0.003%
14	4.019	334	347	359	rBV	111276	350780	23.13%	2.251%
15	4.135	359	366	379	rVB2	20993	63144	4.16%	0.405%
16	4.275	386	389	392	rVB3	341	468	0.03%	0.003%
17	4.312	392	395	398	rBV4	334	515	0.03%	0.003%
18	4.391	398	408	434	rVV2	13976	84196	5.55%	0.540%
19	4.922	482	495	512	rBV2	58068	208366	13.74%	1.337%
20	5.165	533	535	536	rVV	580	403	0.03%	0.003%
21	5.196	536	540	543	rVV4	1049	1680	0.11%	0.011%
22	5.226	543	545	546	rVV2	657	473	0.03%	0.003%
23	5.239	546	547	550	rVB	422	397	0.03%	0.003%
24	5.397	569	573	574	rBV3	397	494	0.03%	0.003%
25	5.434	574	579	584	rBV4	961	1835	0.12%	0.012%
26	5.556	597	599	605	rVB2	265	407	0.03%	0.003%
27	5.781	626	636	647	rBV5	2785	10182	0.67%	0.065%
28	5.940	652	662	675	rVB3	12732	39425	2.60%	0.253%
29	6.275	714	717	718	rVB3	481	422	0.03%	0.003%
30	6.293	718	720	721	rBV2	461	421	0.03%	0.003%
31	6.434	740	743	745	rVB2	415	407	0.03%	0.003%
32	6.464	745	748	749	rBV	333	399	0.03%	0.003%
33	6.854	809	812	813	rBV	505	474	0.03%	0.003%
34	6.903	813	820	821	rBV3	1718	1987	0.13%	0.013%
35	6.915	821	822	826	rBV2	584	480	0.03%	0.003%
36	6.988	829	834	840	rVB6	1220	2925	0.19%	0.019%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018826.D
 Acq On : 28 Apr 2021 17:31
 Operator : SY/VA
 Sample : M2177-14
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG578

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	7.080	840	849	855	rBV	48642	140646	9.27%	0.903%
38	7.141	855	859	877	rVB2	34055	114744	7.57%	0.736%
39	7.537	920	924	930	rVB6	1035	2214	0.15%	0.014%
40	7.653	930	943	955	rBV	285055	707563	46.66%	4.540%
41	7.872	975	979	980	rBV3	489	536	0.04%	0.003%
42	7.952	985	992	1000	rVB7	3259	8103	0.53%	0.052%
43	8.031	1000	1005	1015	rVB5	1844	4262	0.28%	0.027%
44	8.159	1019	1026	1030	rBV6	2072	4351	0.29%	0.028%
45	8.275	1032	1045	1061	rBV2	475937	1516548	100.00%	9.732%
46	8.427	1064	1070	1071	rBV6	1474	2597	0.17%	0.017%
47	8.579	1086	1095	1098	rVB10	1809	4418	0.29%	0.028%
48	8.604	1098	1099	1102	rVB3	672	556	0.04%	0.004%
49	8.701	1110	1115	1118	rBV5	2057	3337	0.22%	0.021%
50	8.842	1128	1138	1150	rVV	683637	1323053	87.24%	8.490%
51	9.018	1165	1167	1170	rVV4	588	441	0.03%	0.003%
52	9.079	1170	1177	1183	rBV4	10924	22391	1.48%	0.144%
53	9.274	1200	1209	1217	rBV2	370629	772283	50.92%	4.956%
54	9.470	1239	1241	1243	rBV3	857	829	0.05%	0.005%
55	9.610	1261	1264	1269	rVB7	2448	3594	0.24%	0.023%
56	9.671	1272	1274	1281	rVB8	2889	3727	0.25%	0.024%
57	9.756	1283	1288	1292	rBV6	6183	12744	0.84%	0.082%
58	9.896	1307	1311	1316	rVB5	6866	11548	0.76%	0.074%
59	9.939	1316	1318	1320	rBV3	1409	1078	0.07%	0.007%
60	10.037	1326	1334	1344	rBV	178030	323125	21.31%	2.073%
61	10.213	1359	1363	1366	rBV5	5755	11419	0.75%	0.073%
62	10.323	1374	1381	1388	rBV	579544	1010694	66.64%	6.486%
63	10.384	1389	1391	1397	rVB2	10453	16969	1.12%	0.109%
64	10.579	1416	1423	1433	rBV	113017	196860	12.98%	1.263%
65	10.652	1433	1435	1436	rBV2	2994	2234	0.15%	0.014%
66	10.707	1438	1444	1449	rVV	50710	92709	6.11%	0.595%
67	10.927	1474	1480	1489	rBV	209615	368191	24.28%	2.363%
68	11.067	1495	1503	1508	rBV3	23259	48288	3.18%	0.310%
69	11.177	1517	1521	1525	rBV5	10147	17008	1.12%	0.109%
70	11.231	1526	1530	1534	rVB3	13550	24846	1.64%	0.159%
71	11.335	1544	1547	1552	rBV2	10389	15015	0.99%	0.096%
72	11.439	1559	1564	1569	rVB	63390	99311	6.55%	0.637%
73	11.634	1589	1596	1604	rVB	792995	1363577	89.91%	8.750%
74	11.823	1624	1627	1630	rBV4	8860	11678	0.77%	0.075%
75	11.878	1632	1636	1639	rVV2	24418	34368	2.27%	0.221%
76	12.140	1673	1679	1680	rBV4	33298	59382	3.92%	0.381%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018826.D
 Acq On : 28 Apr 2021 17:31
 Operator : SY/VA
 Sample : M2177-14
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG578

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	12.250	1693	1697	1702	rVB	92877	141276	9.32%	0.907%
78	12.359	1702	1715	1722	rBV4	87196	311558	20.54%	1.999%
79	12.451	1727	1730	1734	rBV4	16492	31629	2.09%	0.203%
80	12.609	1750	1756	1762	rBV3	114104	261671	17.25%	1.679%
81	12.695	1764	1770	1775	rVV	320248	556677	36.71%	3.572%
82	12.780	1781	1784	1790	rVB4	74549	125832	8.30%	0.807%
83	12.859	1791	1797	1802	rBV5	67182	161057	10.62%	1.034%
84	12.938	1804	1810	1817	rBV7	118020	291295	19.21%	1.869%
85	13.079	1829	1833	1836	rBV3	46365	73788	4.87%	0.473%
86	13.255	1859	1862	1864	rBV3	37522	48876	3.22%	0.314%
87	13.292	1864	1868	1872	rVB2	91986	135246	8.92%	0.868%
88	13.414	1885	1888	1889	rBV	30431	37807	2.49%	0.243%
89	13.444	1891	1893	1897	rVB3	70705	88072	5.81%	0.565%
90	13.554	1906	1911	1928	rVB	597767	1224716	80.76%	7.859%
91	13.694	1931	1934	1938	rBV4	36061	56386	3.72%	0.362%
92	13.853	1954	1960	1968	rBV	487930	1008682	66.51%	6.473%
93	14.194	2012	2016	2022	rBV5	69718	134291	8.86%	0.862%
94	14.261	2023	2027	2033	rVB8	65096	125479	8.27%	0.805%
95	14.383	2042	2047	2051	rBV2	148926	252900	16.68%	1.623%
96	14.548	2071	2074	2079	rVB5	88844	129285	8.52%	0.830%
97	14.792	2110	2114	2120	rBV5	77946	152154	10.03%	0.976%
98	15.060	2155	2158	2163	rVB6	49339	70123	4.62%	0.450%
99	15.322	2196	2201	2208	rBV	184712	324173	21.38%	2.080%
100	16.279	2353	2358	2366	rVB	190407	351451	23.17%	2.255%

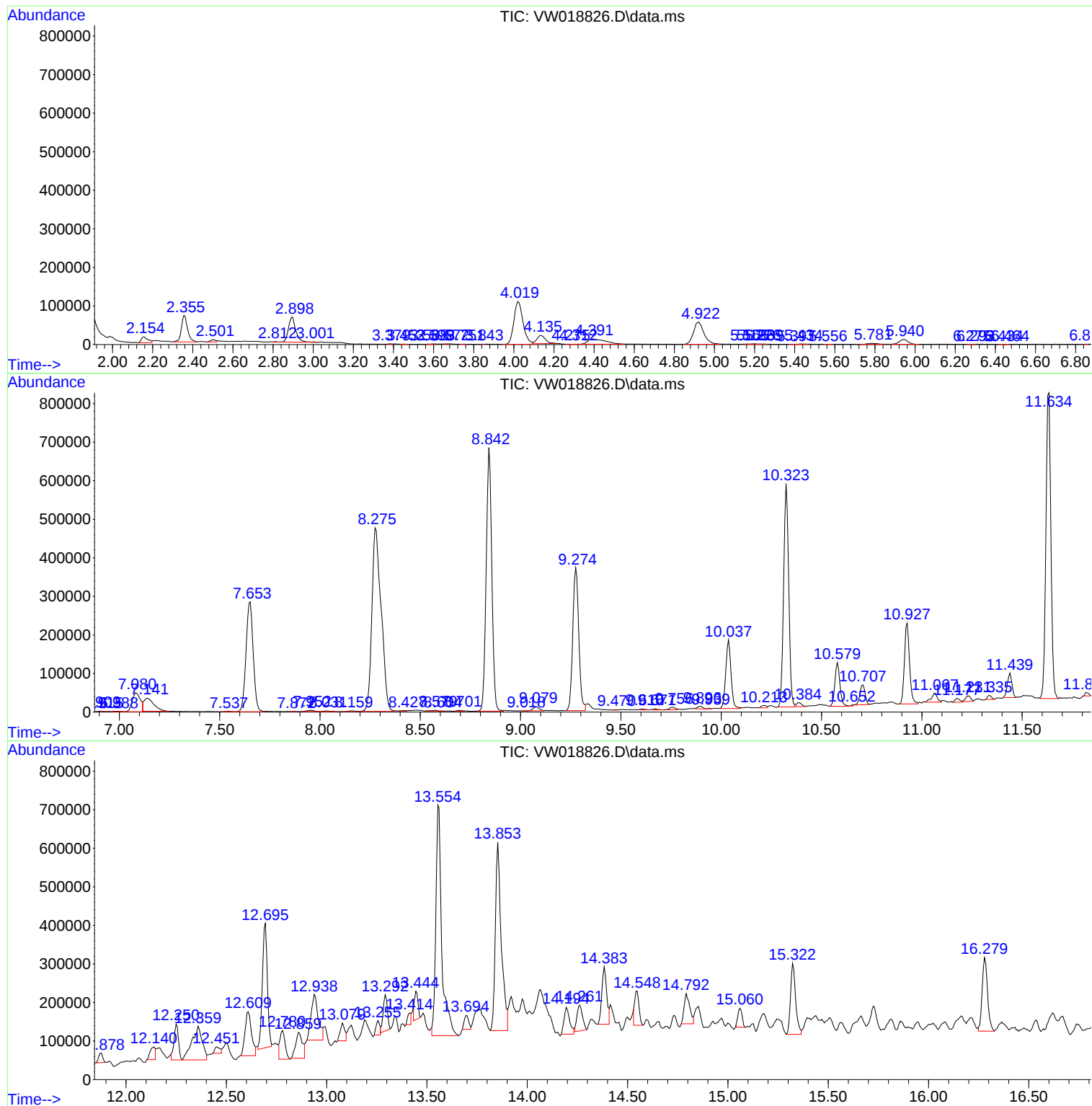
Sum of corrected areas: 15583636

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

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\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

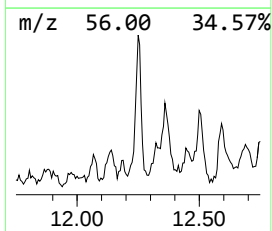
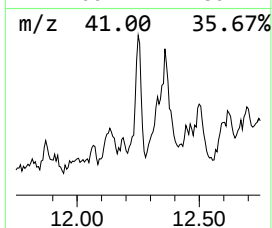
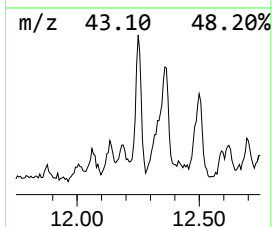
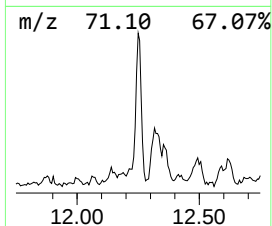
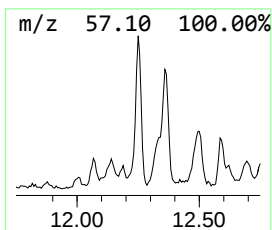
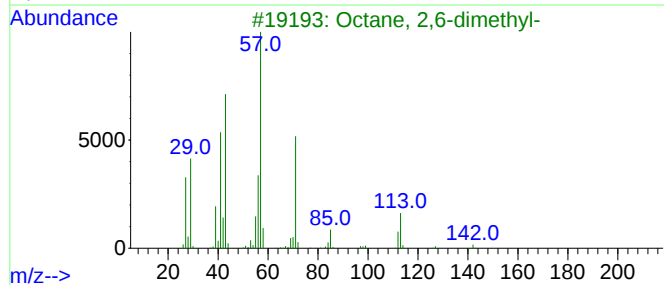
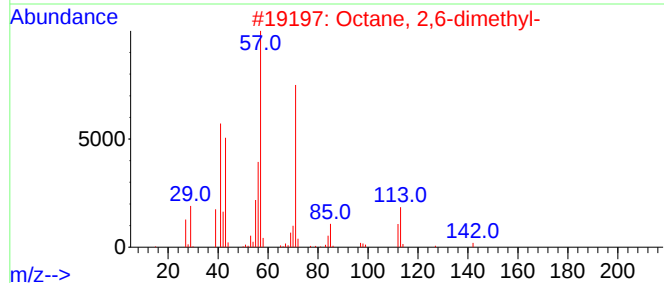
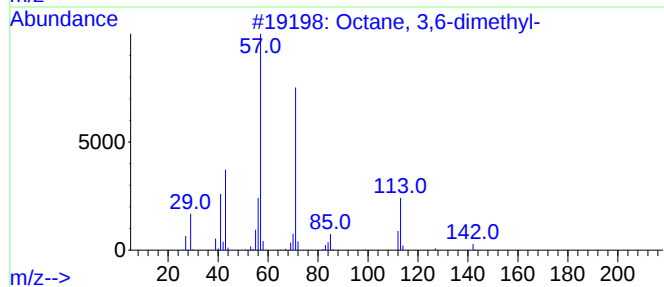
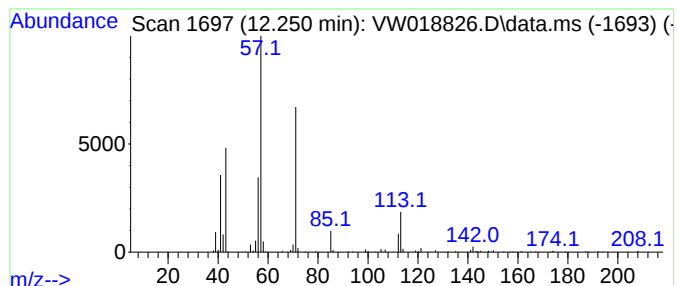
Instrument :
MSVOA_W
ClientSampleId :
BG578

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 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.249	2.59 ug/L	141276	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	90
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	78
5	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

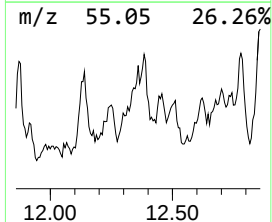
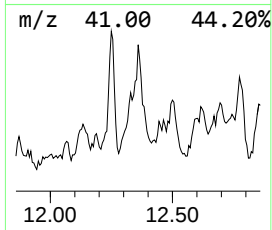
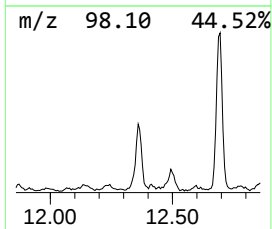
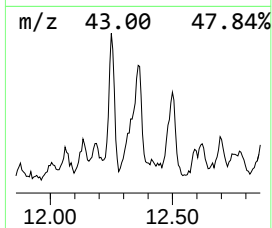
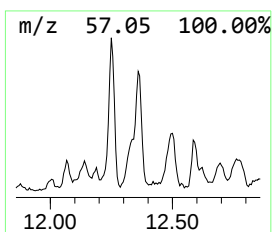
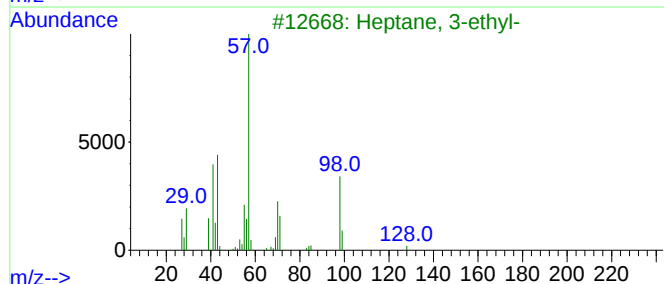
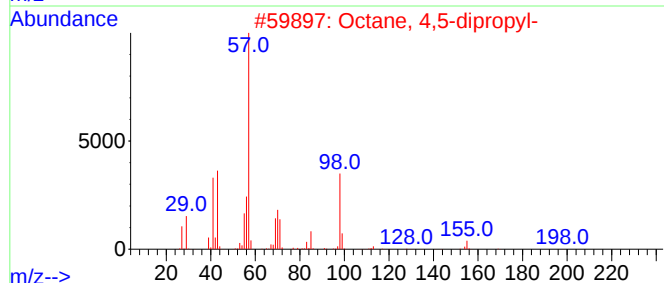
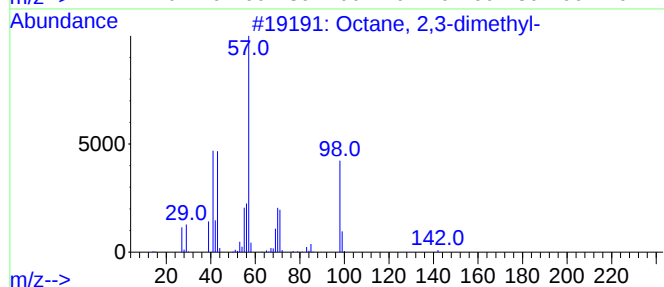
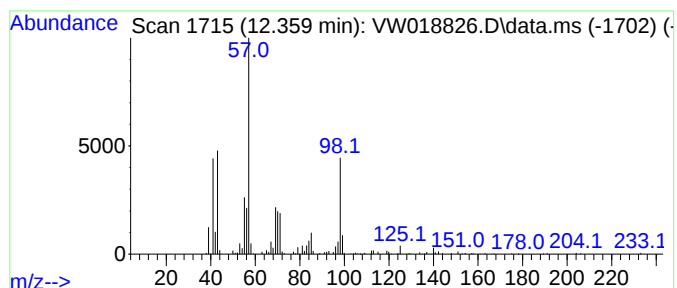
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	5.71 ug/L	311558	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	81
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
3			Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

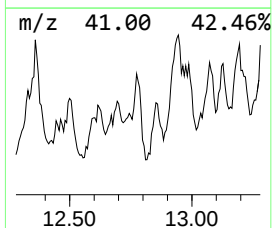
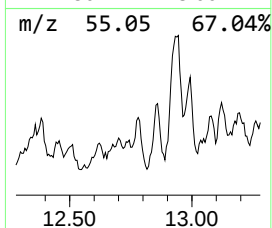
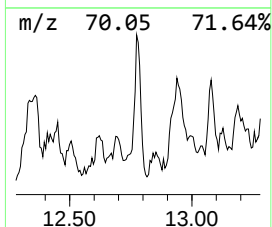
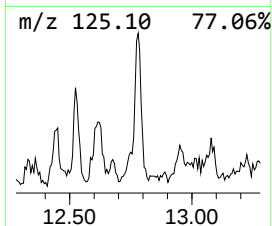
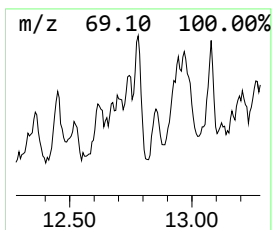
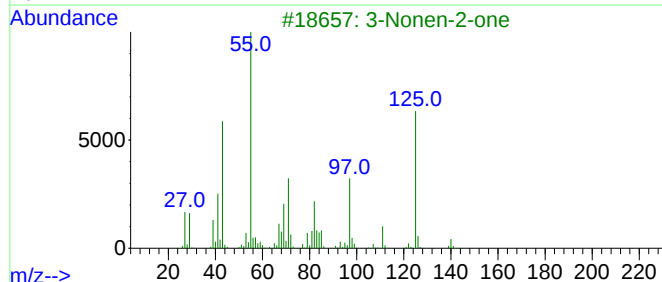
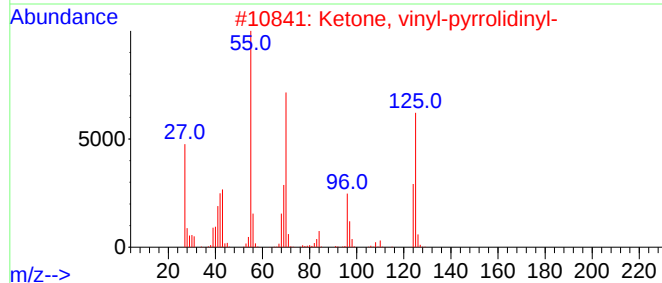
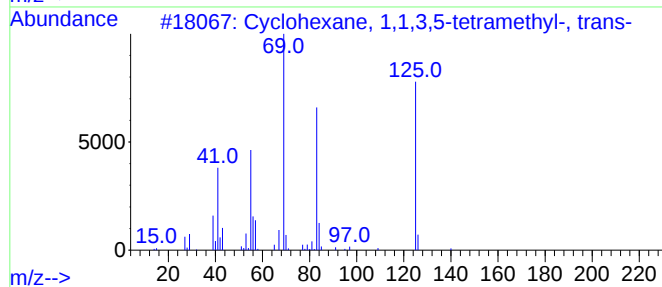
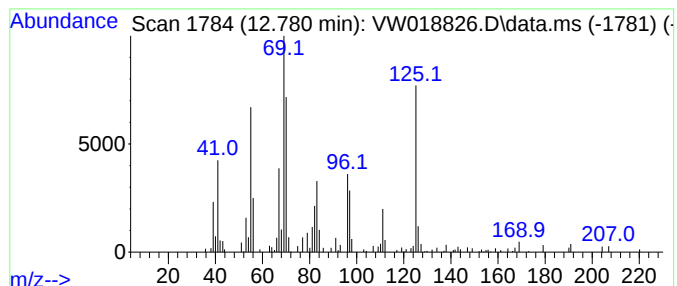
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.780 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	2.57 ug/L	125832	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
2			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	38
3			3-Nonen-2-one	140	C9H16O	014309-57-0	27
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

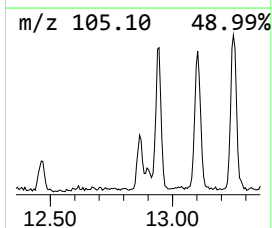
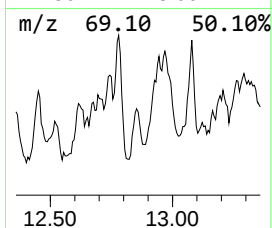
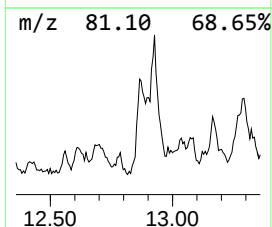
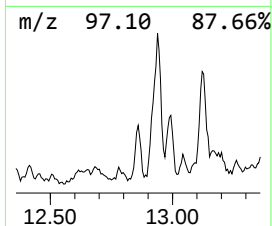
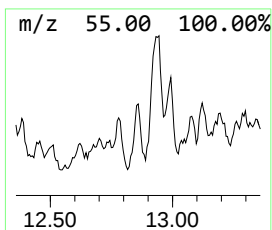
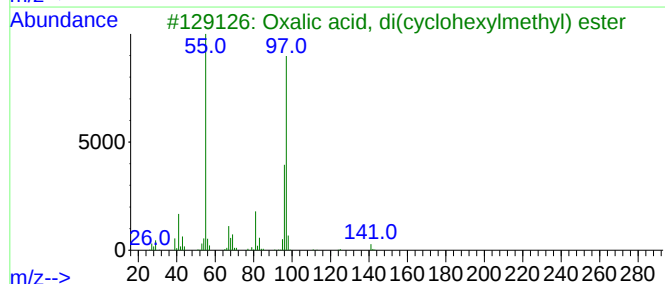
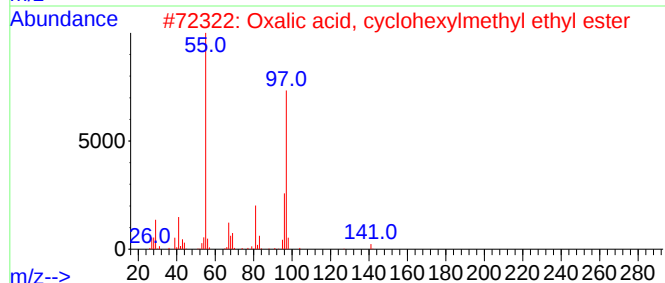
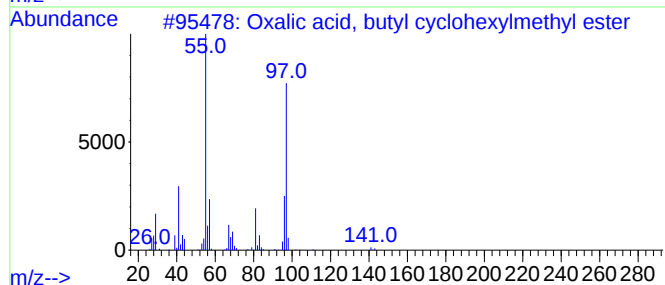
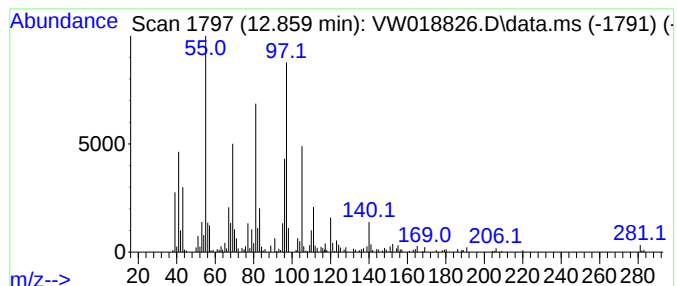
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 Oxalic acid, butyl cyclohex... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	3.29 ug/L	161057	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	58
2			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
3			Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	53
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

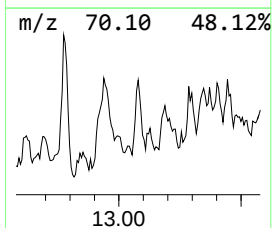
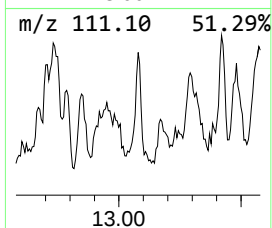
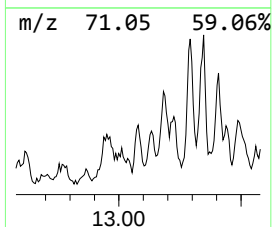
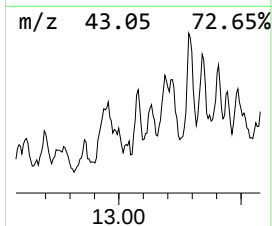
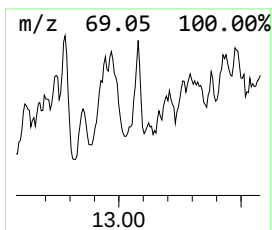
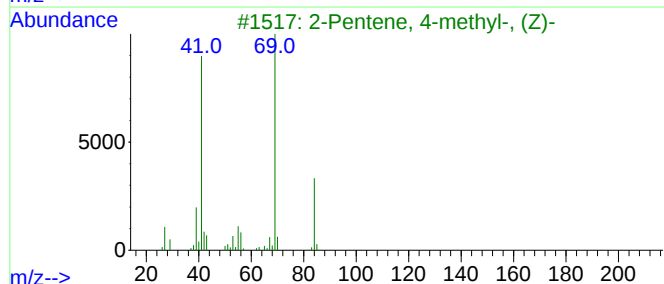
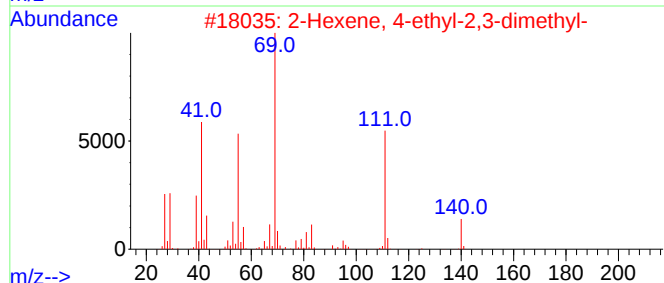
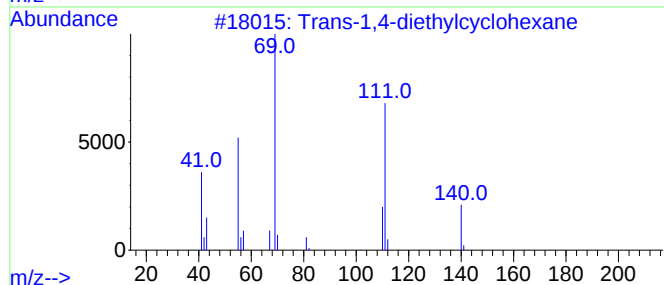
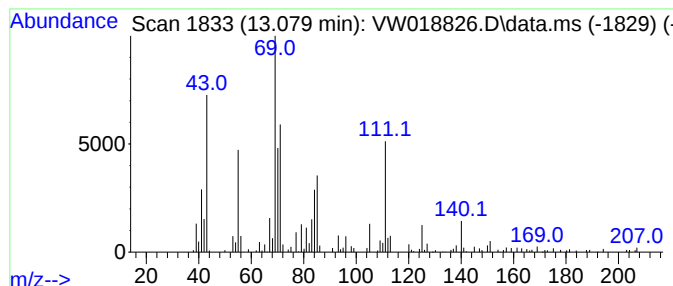
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic13.079 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	1.51 ug/L	73788	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	43
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	35
3			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	30
4			3-Ethyl-4-octene	140	C10H20	019781-32-9	27
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

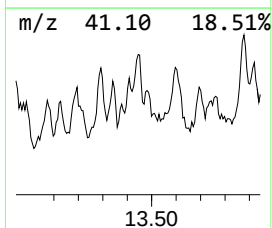
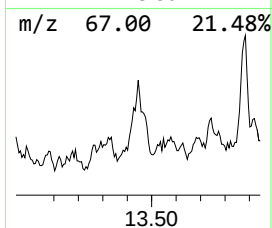
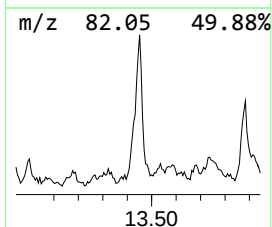
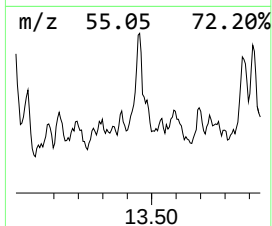
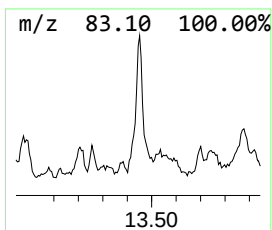
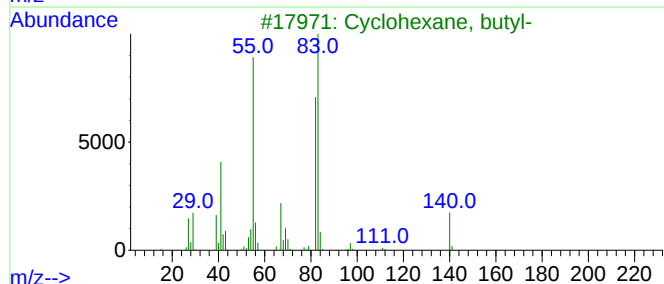
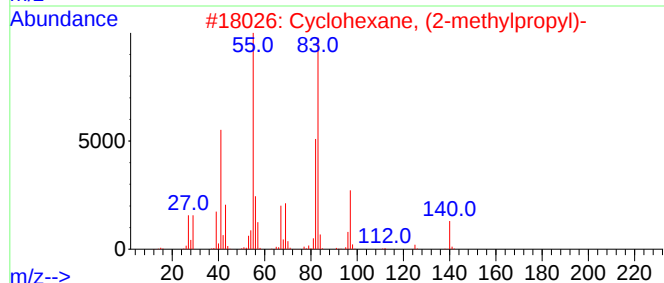
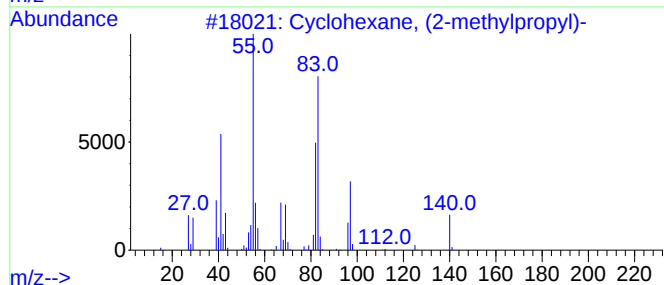
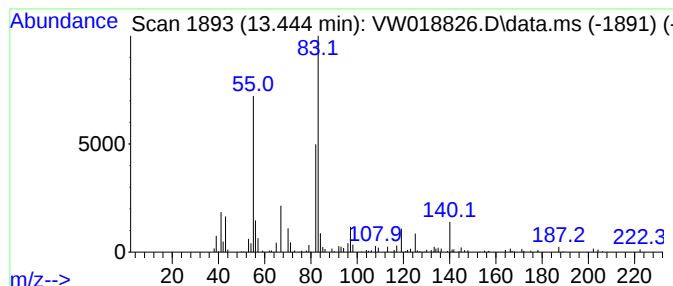
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic13.445 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	1.80 ug/L	88072	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

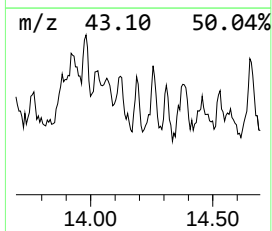
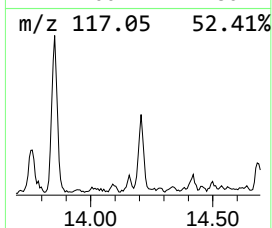
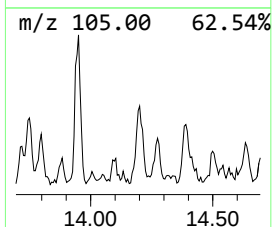
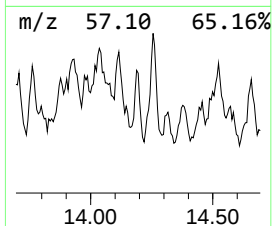
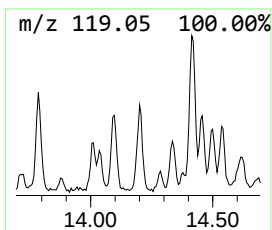
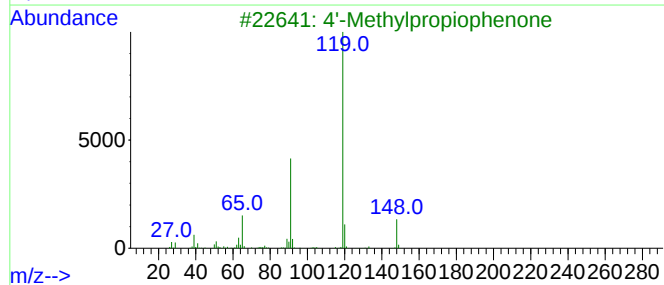
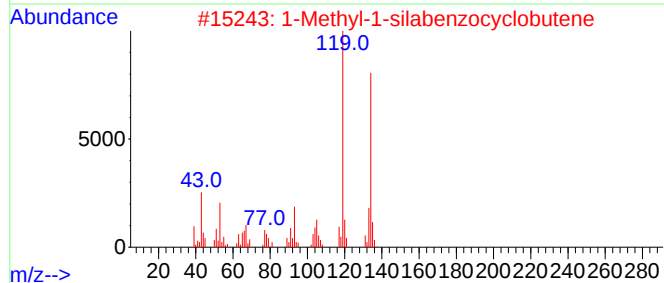
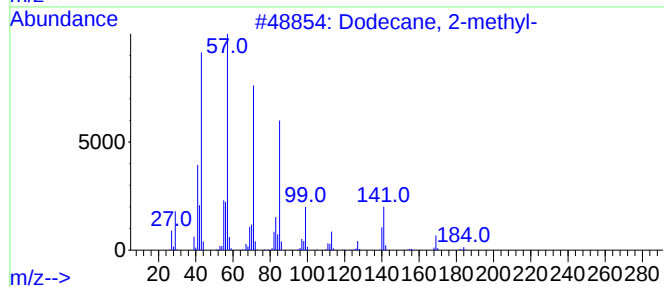
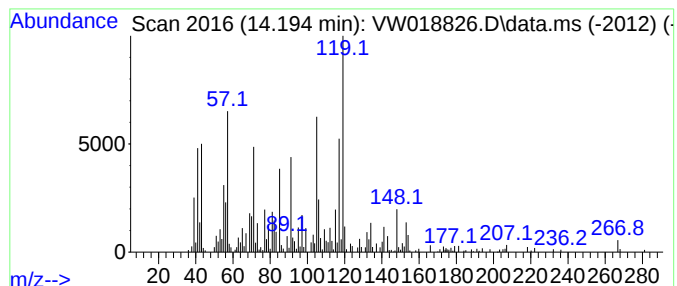
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	2.74 ug/L	134291	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	60
2			1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	30
3			4'-Methylpropiophenone	148	C10H12O	005337-93-9	30
4			o-Cymene	134	C10H14	000527-84-4	30
5			p-Cymene	134	C10H14	000099-87-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

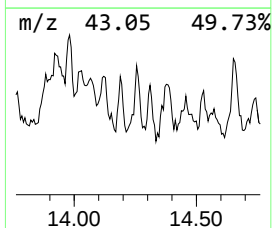
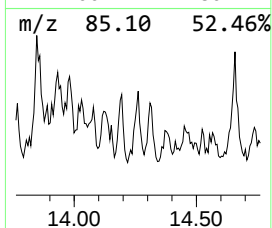
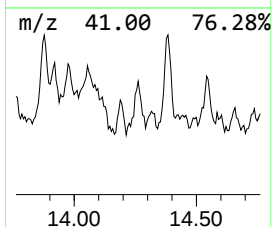
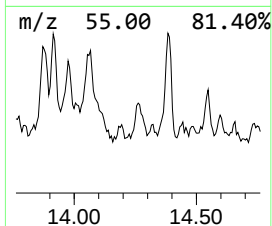
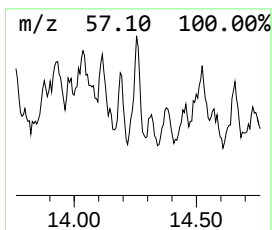
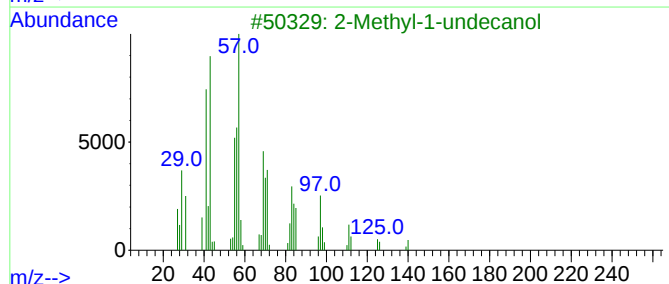
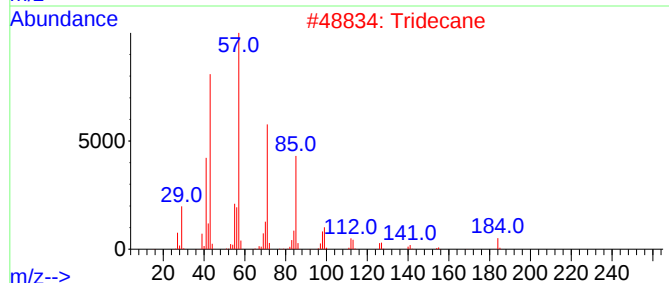
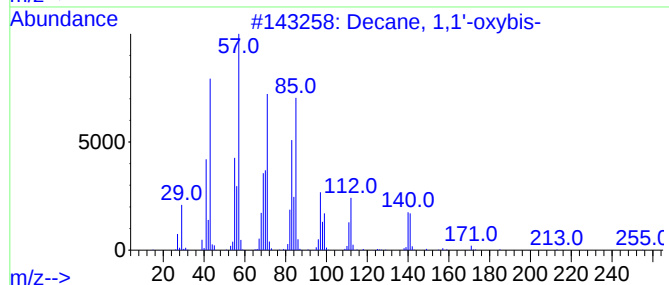
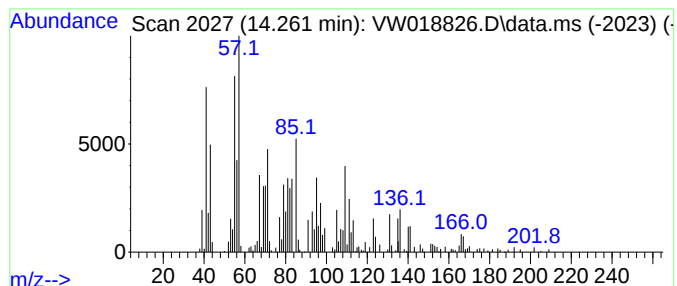
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	2.56 ug/L	125479	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	38
2			Tridecane	184	C13H28	000629-50-5	25
3			2-Methyl-1-undecanol	186	C12H26O	010522-26-6	22
4			1-Octadecene	252	C18H36	000112-88-9	22
5			Decane, 3-methyl-	156	C11H24	013151-34-3	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

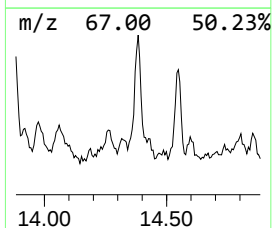
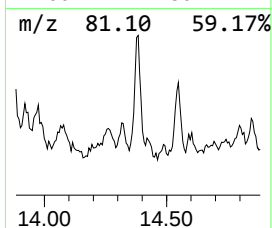
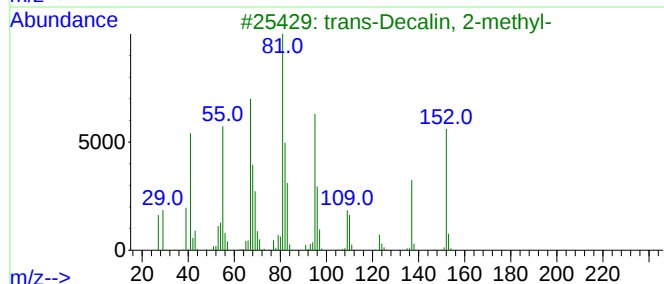
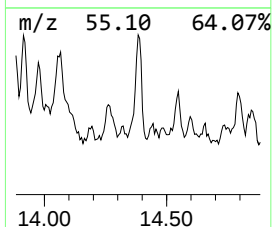
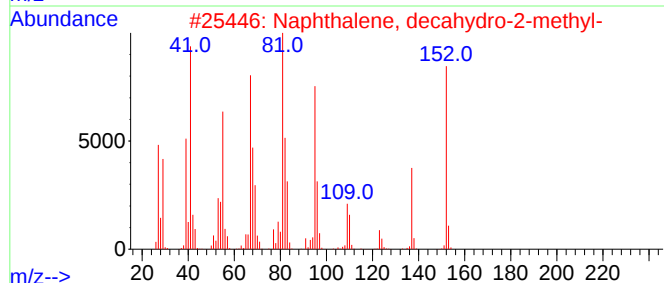
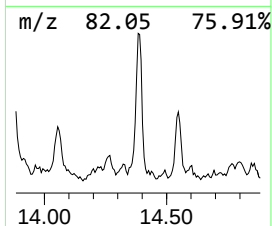
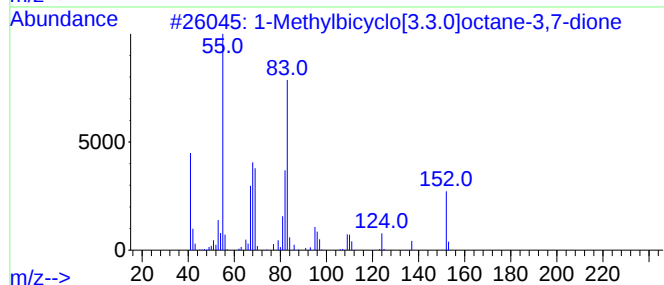
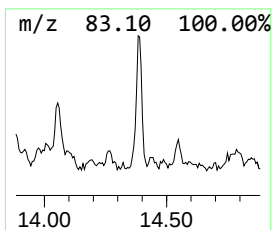
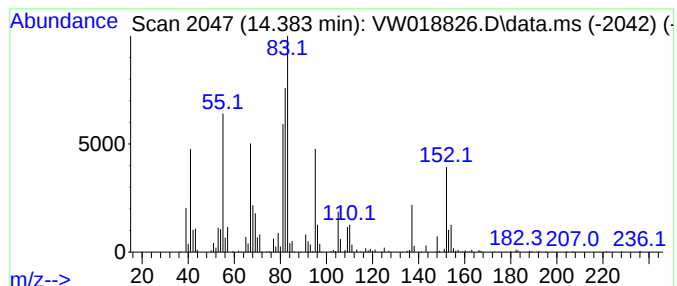
Instrument :
MSVOA_W
ClientSampleId :
BG578

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 1-Methylbicyclo[3.3.0]octan... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.383	5.16 ug/L	252900	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	58
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	46
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	45
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

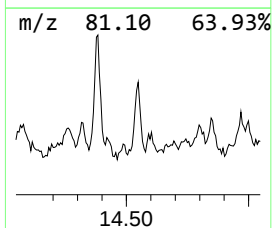
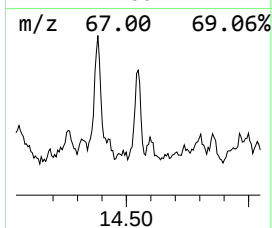
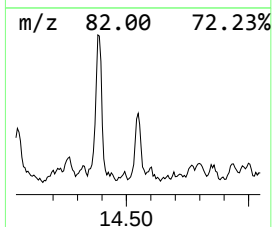
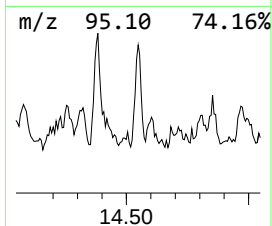
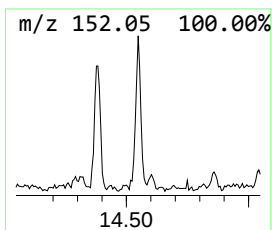
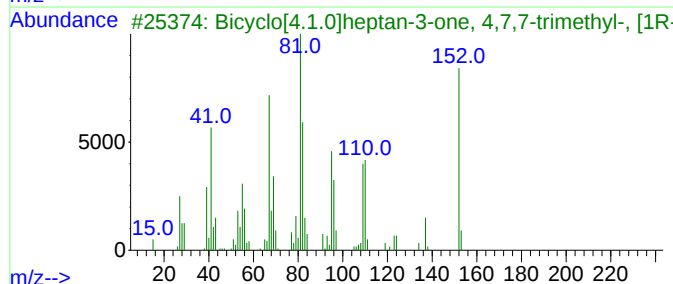
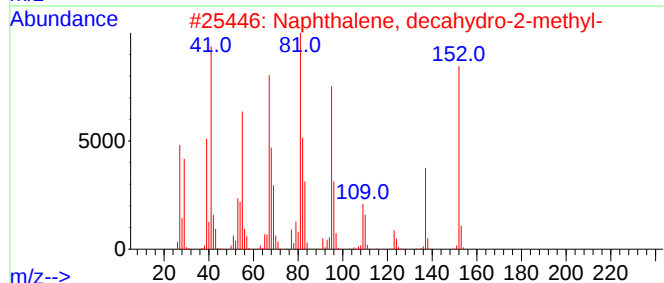
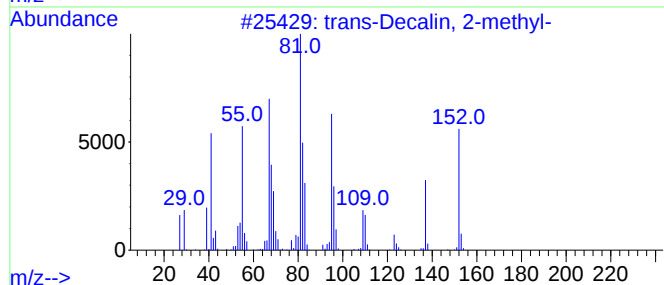
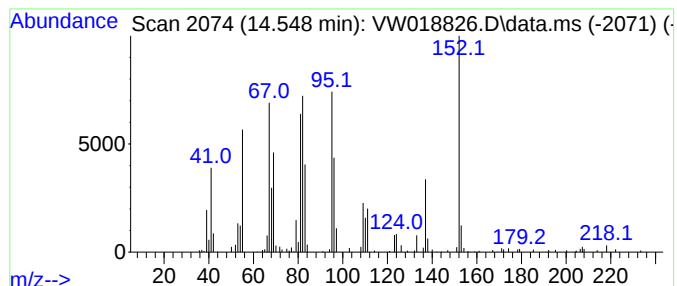
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	2.64 ug/L	129285	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	64
4			Cyclopentylcyclohexane	152	C11H20	001606-08-2	60
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

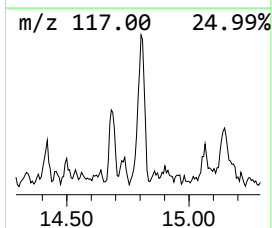
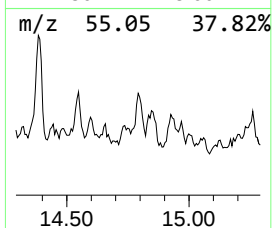
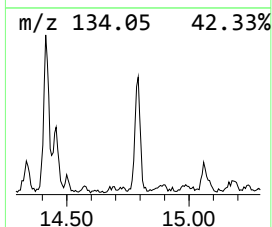
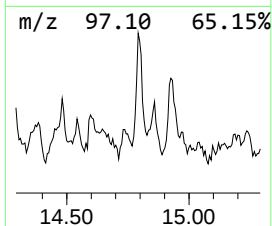
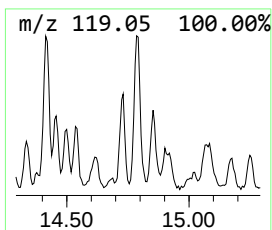
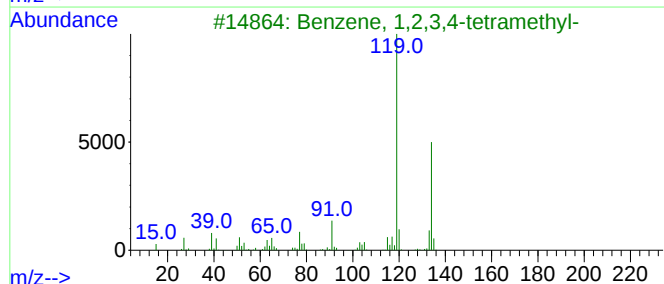
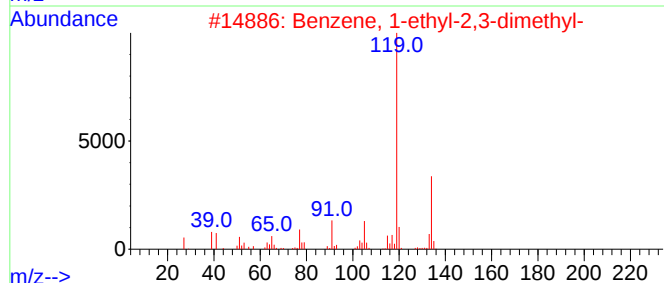
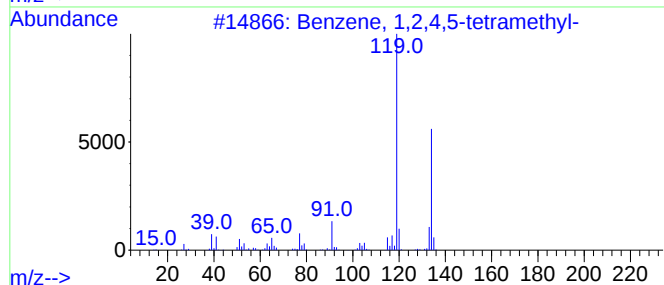
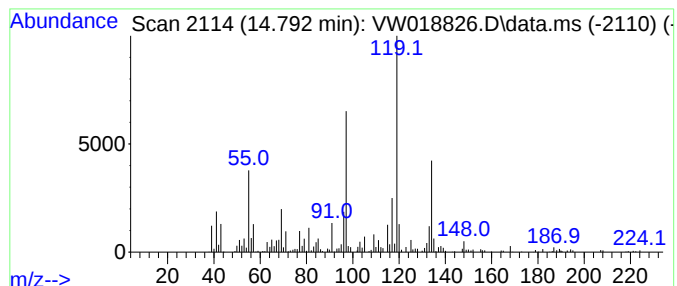
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	3.11 ug/L	152154	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

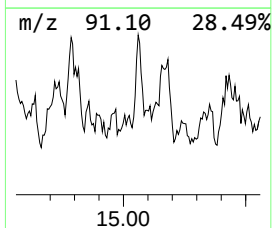
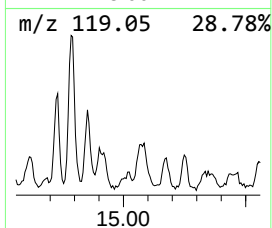
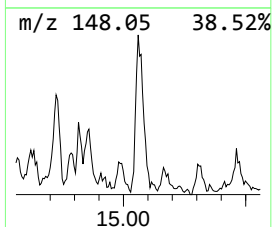
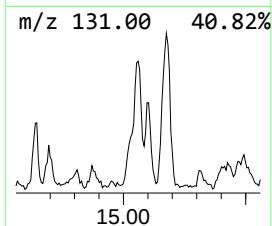
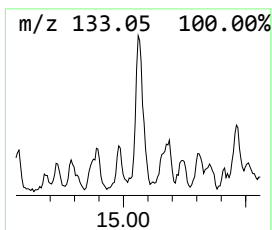
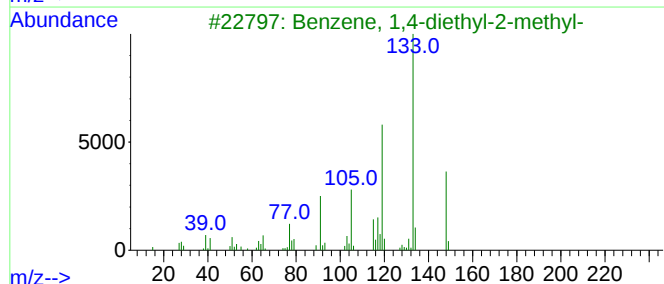
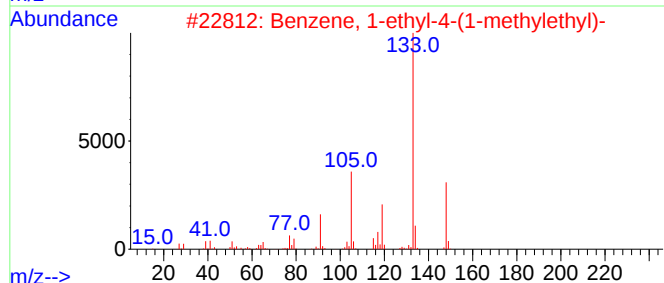
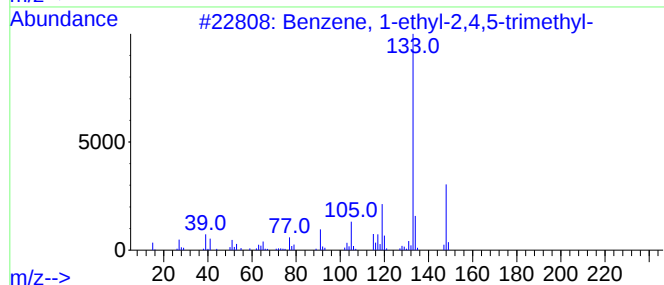
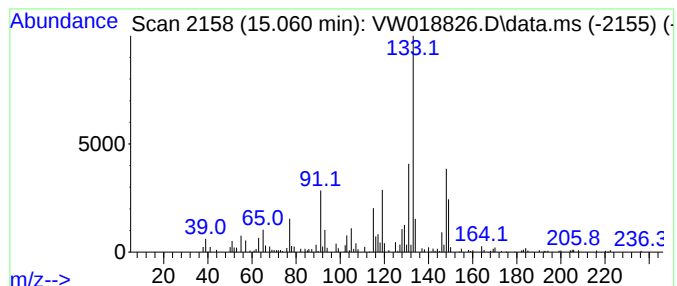
Instrument :
MSVOA_W
ClientSampleId :
BG578

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 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.060	1.43 ug/L	70123	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-		148	C11H16	017851-27-3	60
2	Benzene, 1-ethyl-4-(1-methylethyl)-		148	C11H16	004218-48-8	49
3	Benzene, 1,4-diethyl-2-methyl-		148	C11H16	013632-94-5	49
4	Benzene, 2,4-diethyl-1-methyl-		148	C11H16	001758-85-6	49
5	Benzene, 1-ethyl-4-(1-methylethyl)-		148	C11H16	004218-48-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

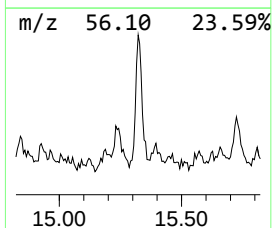
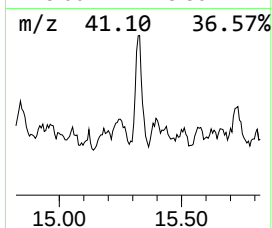
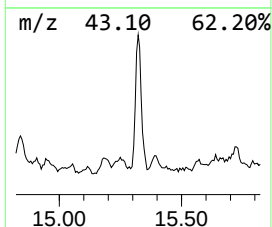
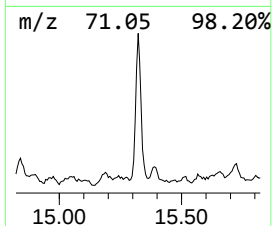
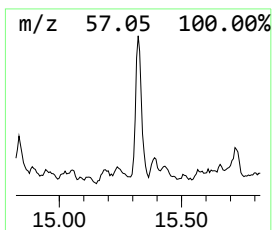
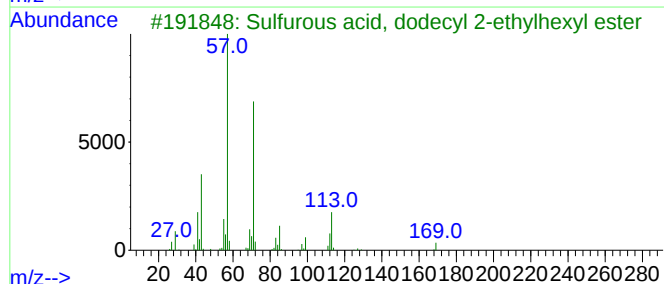
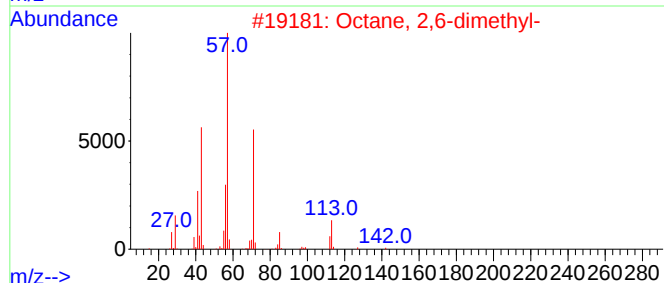
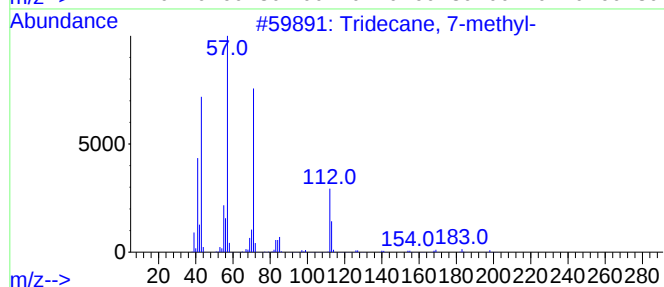
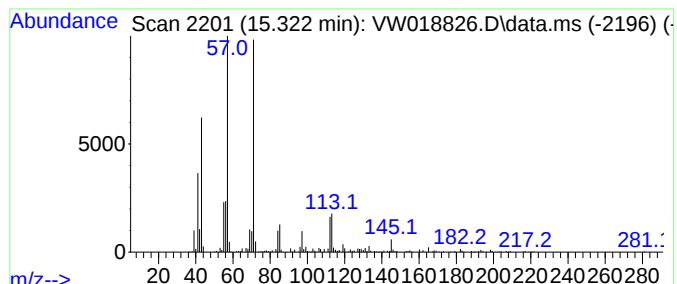
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	6.62 ug/L	324173	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	74
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018826.D
Acq On : 28 Apr 2021 17:31
Operator : SY/VA
Sample : M2177-14
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG578

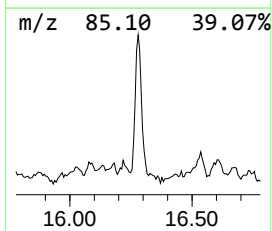
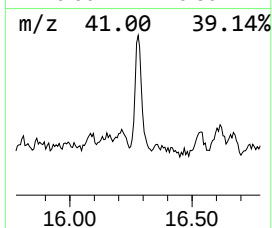
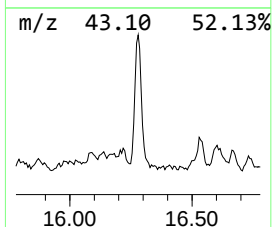
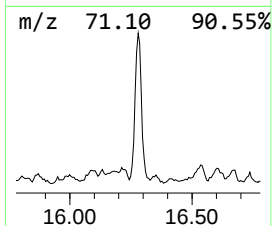
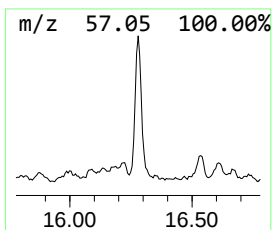
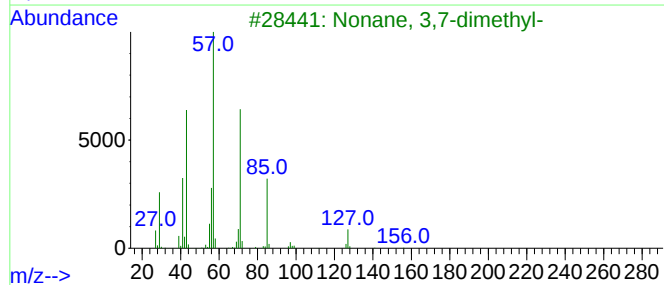
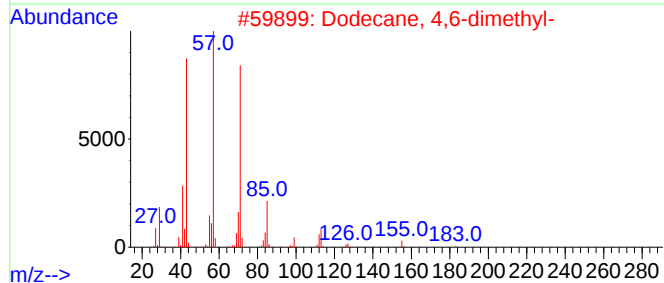
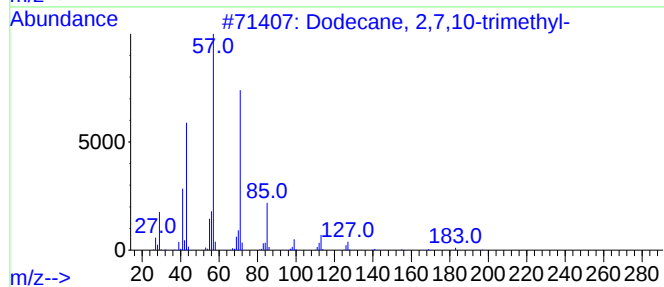
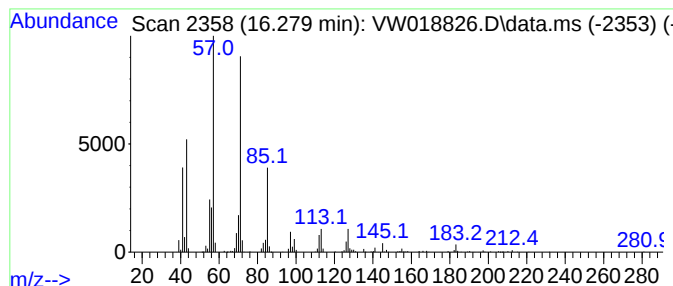
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	7.17 ug/L	351451	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018826.D
 Acq On : 28 Apr 2021 17:31
 Operator : SY/VA
 Sample : M2177-14
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG578

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.249	2.6	ug/L	141276	2	11.634	1363580	25.0
(DEL) Alkane: S...	12.359	5.7	ug/L	311558	2	11.634	1363580	25.0
(DEL) Alkane: C...	12.780	2.6	ug/L	125832	3	13.560	1224720	25.0
Oxalic acid, bu...	12.859	3.3	ug/L	161057	3	13.560	1224720	25.0
(DEL) Alkane: C...	13.079	1.5	ug/L	73788	3	13.560	1224720	25.0
(DEL) Alkane: C...	13.445	1.8	ug/L	88072	3	13.560	1224720	25.0
(DEL) Alkane: S...	14.194	2.7	ug/L	134291	3	13.560	1224720	25.0
unknown-01	14.261	2.6	ug/L	125479	3	13.560	1224720	25.0
1-Methylbicyclo...	14.383	5.2	ug/L	252900	3	13.560	1224720	25.0
trans-Decalin, ...	14.548	2.6	ug/L	129285	3	13.560	1224720	25.0
Benzene, 1,2,4,...	14.792	3.1	ug/L	152154	3	13.560	1224720	25.0
Benzene, 1-ethy...	15.060	1.4	ug/L	70123	3	13.560	1224720	25.0
(DEL) Alkane: S...	15.322	6.6	ug/L	324173	3	13.560	1224720	25.0
(DEL) Alkane: S...	16.279	7.2	ug/L	351451	3	13.560	1224720	25.0