

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018848.D
 Acq On : 29 Apr 2021 16:18
 Operator : SY/VA
 Sample : M2177-20
 Misc : 3.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG590

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\SFAMWLM042921SMA.M
 Title : SFAM01.0

Signal : TIC: VW018848.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	47	rBV2	13404	33251	0.84%	0.061%
2	2.361	66	75	87	rBV	182886	393517	9.98%	0.721%
3	2.892	154	162	177	rBV	131829	329505	8.36%	0.604%
4	3.026	182	184	190	rVB7	3587	5947	0.15%	0.011%
5	3.270	222	224	227	rVB3	656	600	0.02%	0.001%
6	3.294	227	228	235	rVB4	723	1146	0.03%	0.002%
7	3.391	235	244	252	rBV3	3996	9680	0.25%	0.018%
8	3.513	262	264	268	rVB3	626	871	0.02%	0.002%
9	3.587	271	276	277	rBV5	991	1517	0.04%	0.003%
10	3.623	281	282	286	rBV4	542	588	0.01%	0.001%
11	3.733	296	300	303	rBV6	563	689	0.02%	0.001%
12	3.855	316	320	326	rVB5	708	1676	0.04%	0.003%
13	4.019	333	347	361	rBV	286757	898673	22.79%	1.648%
14	4.135	361	366	387	rVB2	21976	69253	1.76%	0.127%
15	4.275	387	389	394	rVB4	691	1042	0.03%	0.002%
16	4.391	397	408	409	rBV2	11795	25676	0.65%	0.047%
17	4.751	463	467	468	rBV3	483	501	0.01%	0.001%
18	4.775	468	471	474	rVB4	367	437	0.01%	0.001%
19	4.922	482	495	516	rBV3	38869	149404	3.79%	0.274%
20	5.190	530	539	541	rBV3	1857	3923	0.10%	0.007%
21	5.306	557	558	561	rVB2	652	431	0.01%	0.001%
22	5.434	576	579	590	rVB6	2695	6857	0.17%	0.013%
23	5.751	627	631	632	rVV4	521	592	0.02%	0.001%
24	5.775	632	635	639	rVV5	945	1576	0.04%	0.003%
25	5.854	646	648	650	rVB3	510	431	0.01%	0.001%
26	5.940	652	662	673	rBV2	11307	34769	0.88%	0.064%
27	6.098	685	688	689	rBV3	568	584	0.01%	0.001%
28	6.123	689	692	695	rVB4	735	688	0.02%	0.001%
29	6.159	695	698	700	rVB3	542	478	0.01%	0.001%
30	6.214	703	707	709	rVV5	545	536	0.01%	0.001%
31	6.299	714	721	724	rVV7	1396	2817	0.07%	0.005%
32	6.428	739	742	743	rVB3	469	447	0.01%	0.001%
33	6.452	743	746	747	rBV3	937	894	0.02%	0.002%
34	6.537	756	760	761	rVB3	657	507	0.01%	0.001%
35	6.574	765	766	767	rBV	880	512	0.01%	0.001%
36	6.616	770	773	775	rBV3	537	617	0.02%	0.001%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Title : SFAM01.0

37	6.708	785	788	789	rBV3	516	457	0.01%	0.001%
38	6.787	799	801	803	rBV3	543	519	0.01%	0.001%
39	6.848	806	811	812	rBV3	615	872	0.02%	0.002%
40	6.885	812	817	819	rBV6	1250	2222	0.06%	0.004%
41	6.915	819	822	824	rVB4	869	1139	0.03%	0.002%
42	6.982	828	833	834	rBV5	1161	1451	0.04%	0.003%
43	7.031	839	841	842	rBV2	863	847	0.02%	0.002%
44	7.080	842	849	855	rBV	66966	184845	4.69%	0.339%
45	7.397	899	901	902	rBV2	708	459	0.01%	0.001%
46	7.452	909	910	912	rVB2	1689	869	0.02%	0.002%
47	7.500	916	918	919	rVV2	1060	787	0.02%	0.001%
48	7.647	933	942	957	rBV	413985	1034787	26.24%	1.897%
49	7.787	963	965	967	rBV3	1400	1000	0.03%	0.002%
50	7.842	972	974	978	rBV5	2051	3691	0.09%	0.007%
51	7.946	989	991	997	rBV7	3092	4606	0.12%	0.008%
52	8.110	1016	1018	1020	rBV3	1751	1453	0.04%	0.003%
53	8.275	1034	1045	1060	rBV2	842193	2565950	65.07%	4.704%
54	8.561	1090	1092	1093	rBV	3462	2065	0.05%	0.004%
55	8.842	1130	1138	1149	rBV	752952	1503023	38.12%	2.756%
56	9.037	1166	1170	1174	rBV2	19487	41594	1.05%	0.076%
57	9.275	1202	1209	1224	rBV	549945	1168870	29.64%	2.143%
58	9.604	1260	1263	1270	rVB2	24784	45658	1.16%	0.084%
59	9.756	1284	1288	1295	rBV4	19185	42955	1.09%	0.079%
60	10.037	1328	1334	1339	rBV	289933	516990	13.11%	0.948%
61	10.323	1374	1381	1389	rBV	1043365	1872774	47.50%	3.434%
62	10.579	1418	1423	1427	rBV	183883	320113	8.12%	0.587%
63	10.701	1440	1443	1448	rVB	38863	53891	1.37%	0.099%
64	10.927	1475	1480	1488	rVB3	312048	542710	13.76%	0.995%
65	11.110	1507	1510	1514	rBV	76075	110871	2.81%	0.203%
66	11.286	1535	1539	1542	rBV	102259	152531	3.87%	0.280%
67	11.469	1560	1569	1570	rBV4	155207	395783	10.04%	0.726%
68	11.634	1590	1596	1604	rVB	802066	1511620	38.34%	2.771%
69	11.823	1622	1627	1632	rBV	201480	390572	9.91%	0.716%
70	11.975	1647	1652	1654	rBV2	230582	384270	9.75%	0.705%
71	12.122	1671	1676	1683	rVB3	381518	757608	19.21%	1.389%
72	12.189	1683	1687	1690	rBV2	283029	458636	11.63%	0.841%
73	12.341	1702	1712	1720	rBV6	940890	2674726	67.83%	4.904%
74	12.451	1720	1730	1735	rBV6	700299	1918111	48.65%	3.517%
75	12.561	1746	1748	1751	rVB	129921	132127	3.35%	0.242%
76	12.622	1752	1758	1762	rBV4	552144	1358305	34.45%	2.490%

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 Title : SFAM01.0

77	12.695	1766	1770	1777	rVB6	905581	1920885	48.72%	3.522%
78	12.865	1790	1798	1804	rBV6	1205096	3672592	93.14%	6.733%
79	12.932	1805	1809	1824	rVB10	957834	3943077	100.00%	7.229%
80	13.073	1829	1832	1837	rVB4	525871	781701	19.82%	1.433%
81	13.121	1837	1840	1844	rVB2	478712	651949	16.53%	1.195%
82	13.182	1844	1850	1853	rBV5	577459	1420083	36.01%	2.604%
83	13.262	1859	1863	1865	rBV2	549035	819319	20.78%	1.502%
84	13.292	1865	1868	1872	rVV2	681536	1165408	29.56%	2.137%
85	13.377	1879	1882	1885	rBV3	357217	443782	11.25%	0.814%
86	13.426	1886	1890	1895	rVV2	846785	1927869	48.89%	3.535%
87	13.475	1896	1898	1904	rVB3	868531	1255213	31.83%	2.301%
88	13.737	1938	1941	1945	rBV3	380592	684642	17.36%	1.255%
89	13.871	1956	1963	1969	rBV4	869153	2349085	59.57%	4.307%
90	14.194	2012	2016	2019	rBV3	401377	567126	14.38%	1.040%
91	14.261	2023	2027	2033	rVB5	668086	1170046	29.67%	2.145%
92	14.383	2042	2047	2051	rBV2	1414243	2240333	56.82%	4.107%
93	14.487	2061	2064	2066	rBV	235775	295615	7.50%	0.542%
94	14.548	2067	2074	2078	rVV5	786991	1673682	42.45%	3.069%
95	14.658	2089	2092	2096	rBV2	296775	369597	9.37%	0.678%
96	14.737	2102	2105	2110	rBV4	341029	488698	12.39%	0.896%
97	14.847	2119	2123	2129	rVB4	757311	1502729	38.11%	2.755%
98	15.328	2198	2202	2208	rVB4	522879	1047142	26.56%	1.920%
99	15.395	2208	2213	2218	rBV5	583459	1365338	34.63%	2.503%
100	15.572	2238	2242	2247	rBV3	322209	645497	16.37%	1.183%

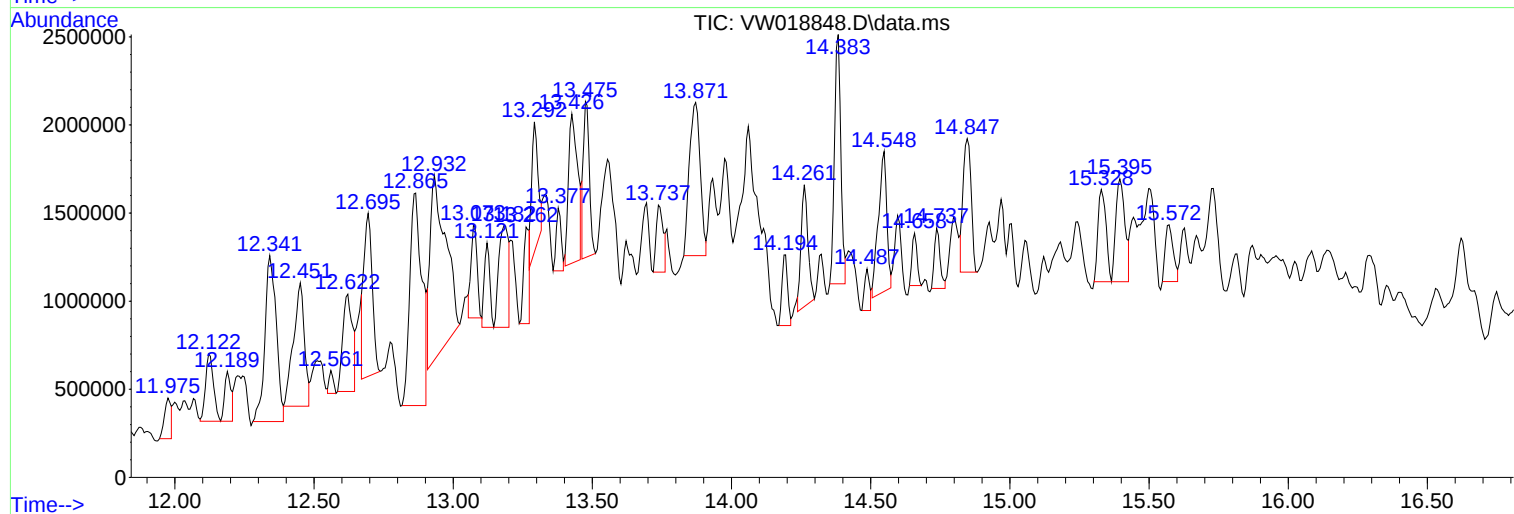
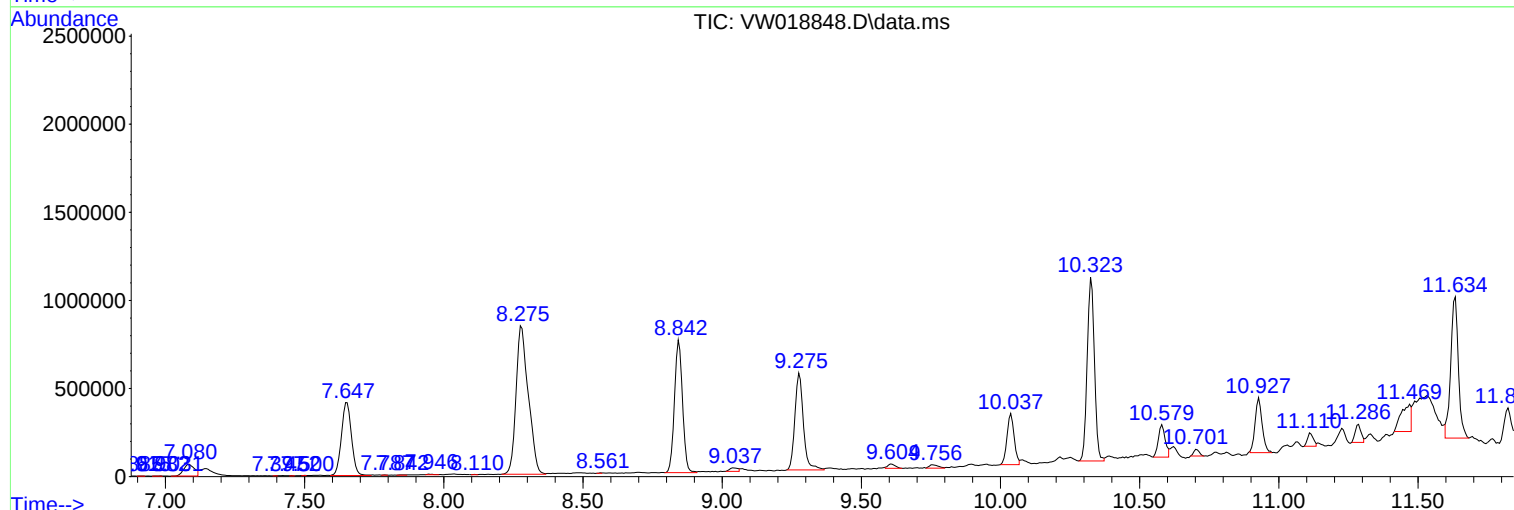
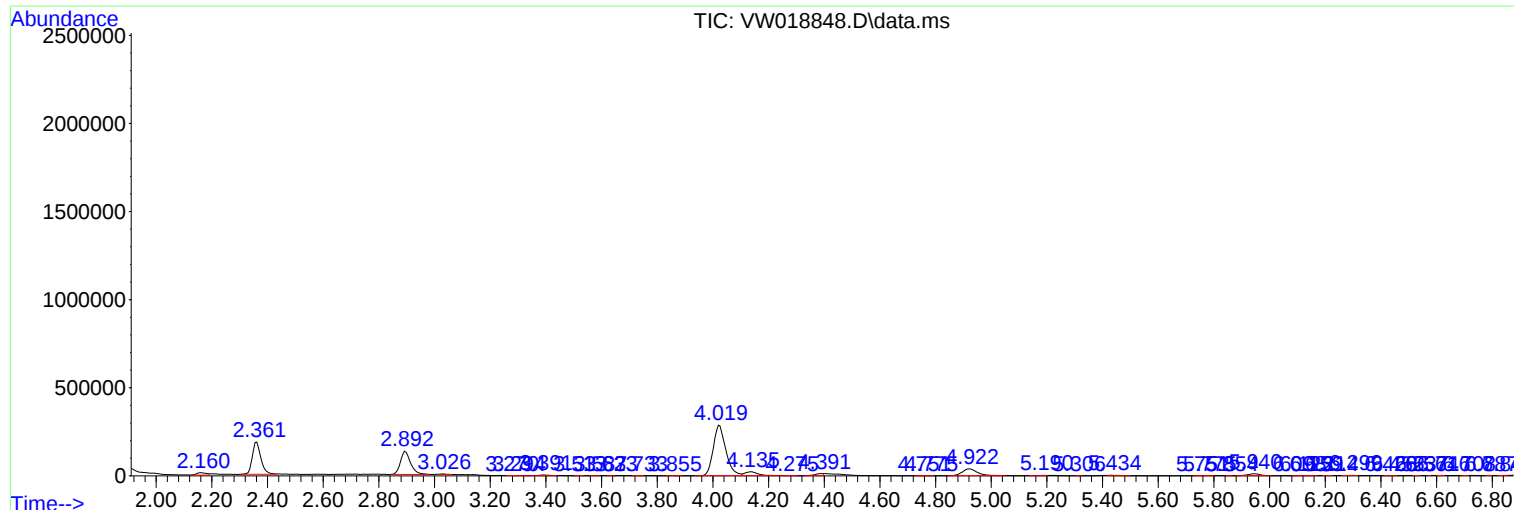
Sum of corrected areas: 54543797

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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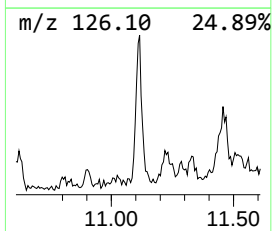
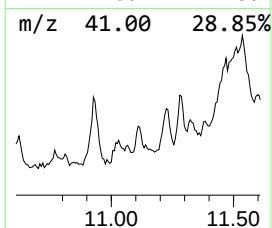
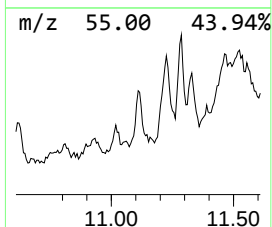
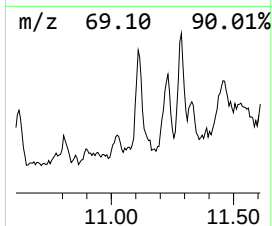
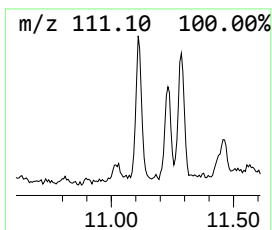
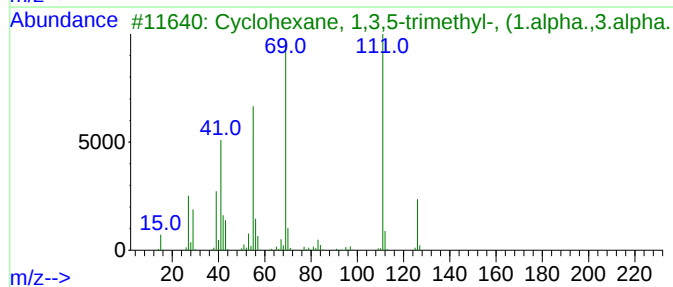
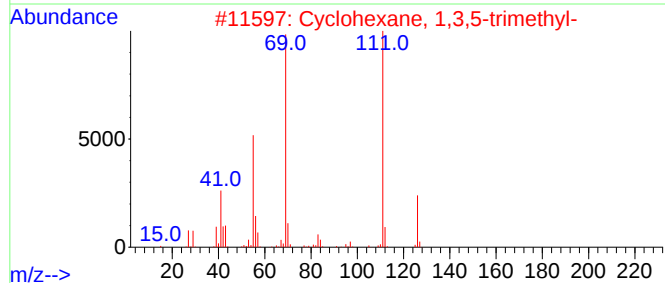
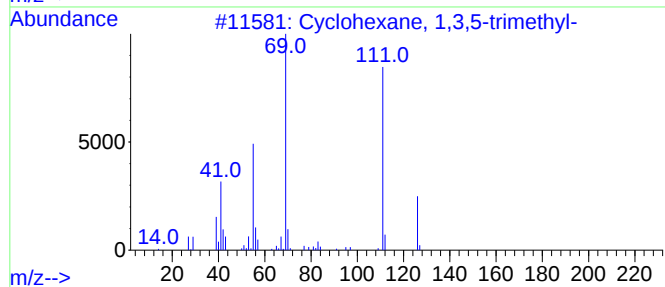
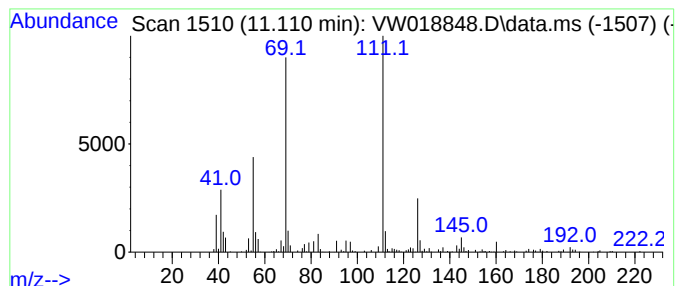
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic11.110 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	1.83 ug/L	110871	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
3			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	86
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
5			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	72



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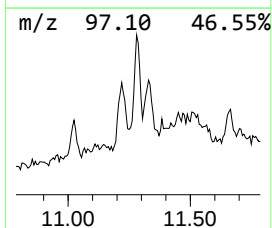
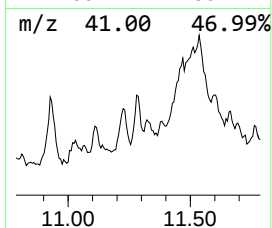
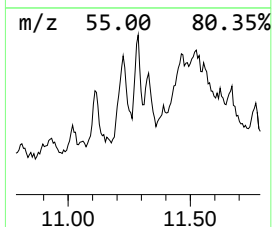
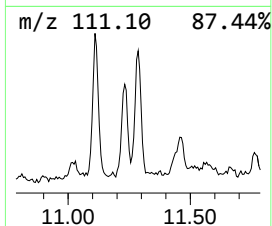
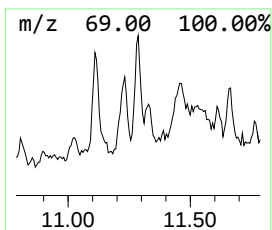
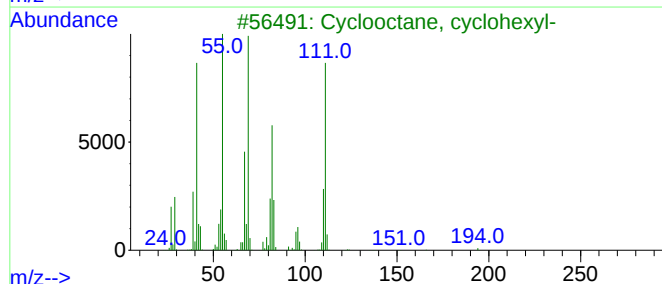
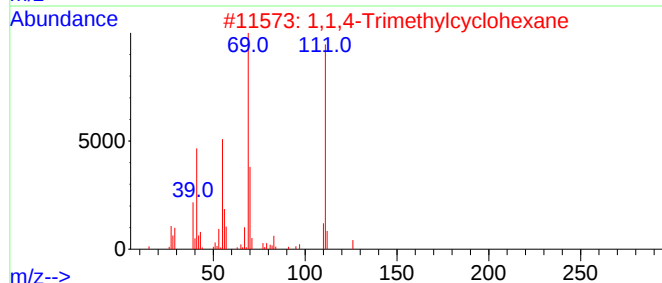
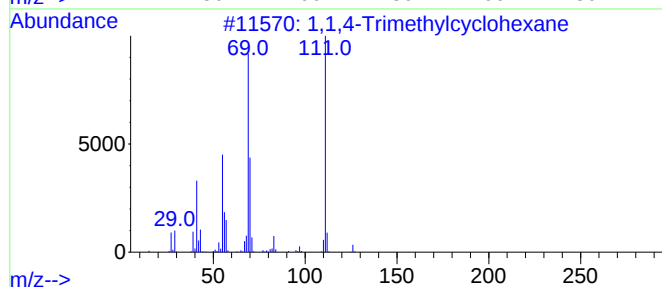
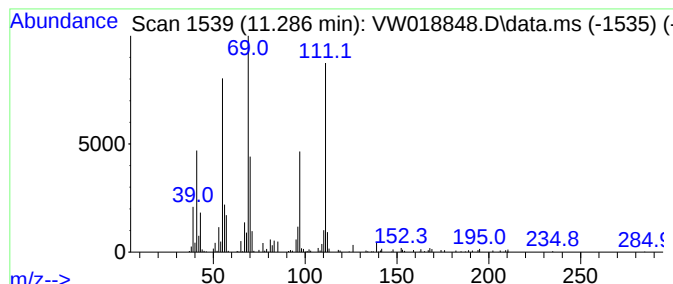
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.286 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	2.52 ug/L	152531	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	81
2			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	76
3			Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	58
4			Cyclooctane, butyl-	168	C12H24	016538-93-5	53
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53



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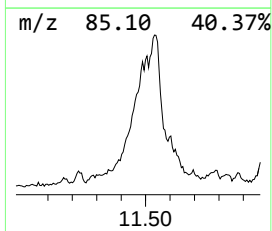
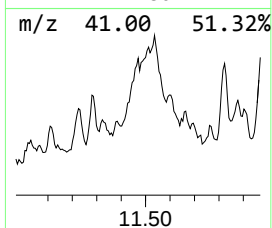
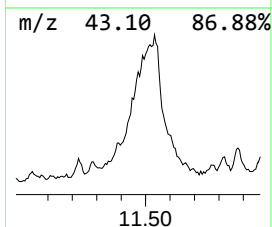
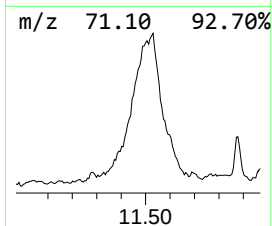
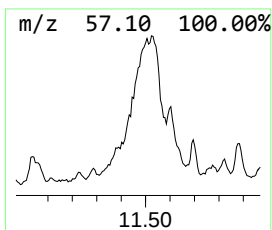
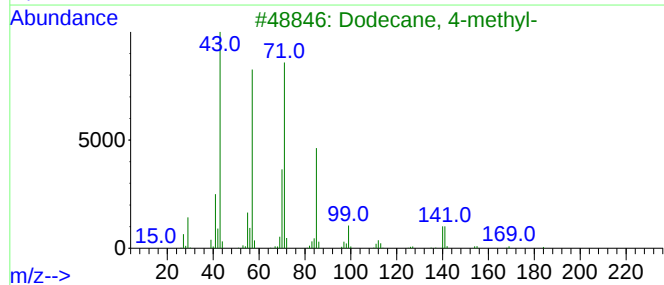
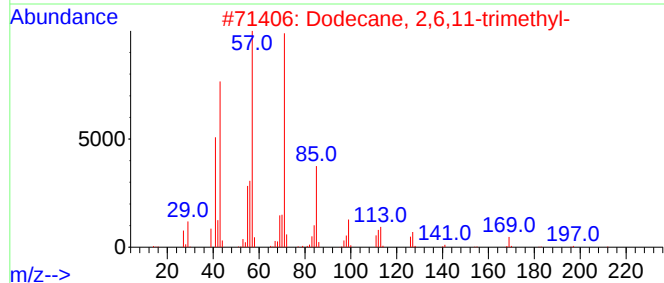
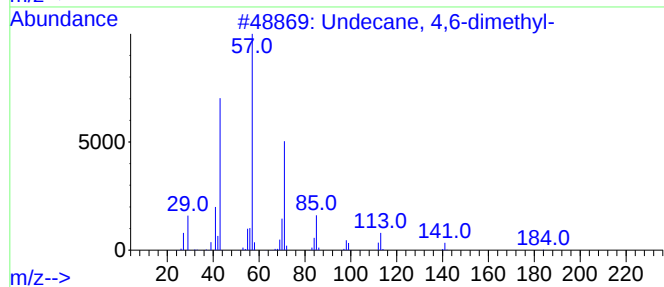
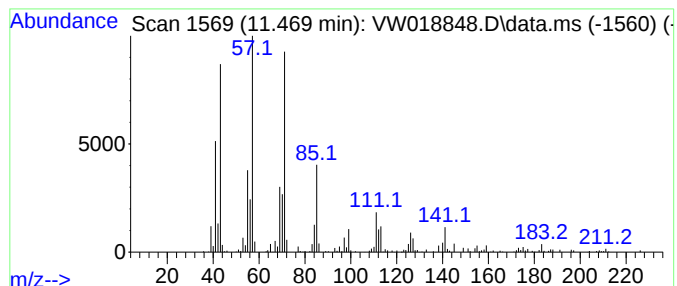
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	6.55 ug/L	395783	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
4			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80
5			Decane, 5-propyl-	184	C13H28	017312-62-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

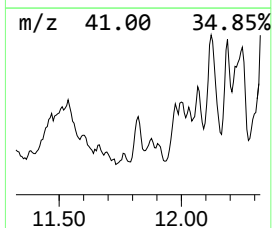
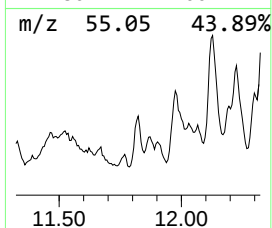
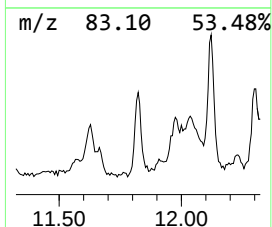
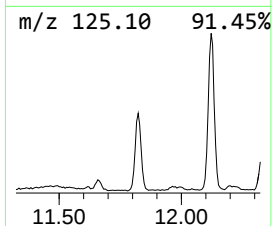
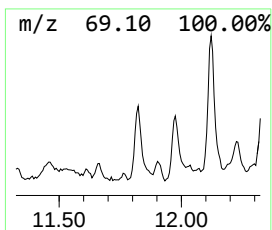
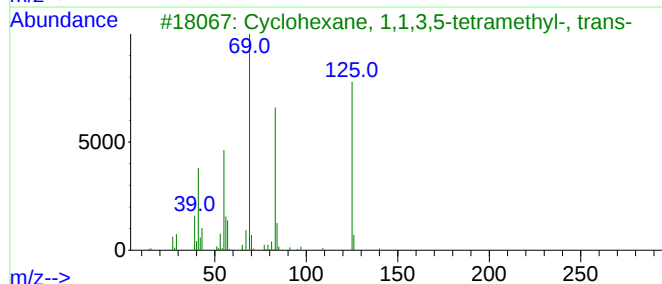
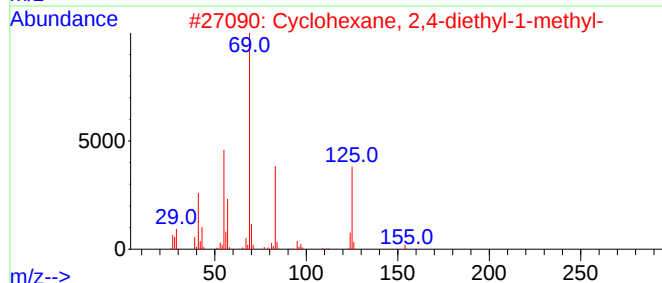
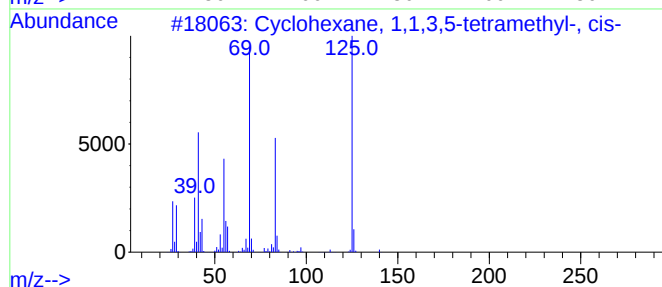
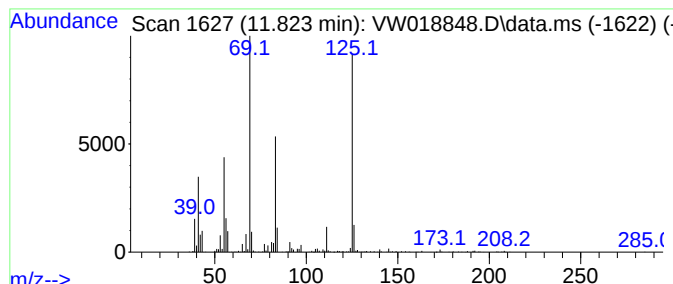
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.823 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.823	6.46 ug/L	390572	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	93
2			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	72
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	70
4			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	64
5			4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

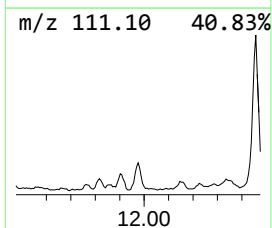
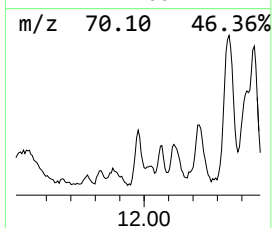
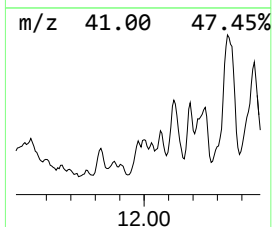
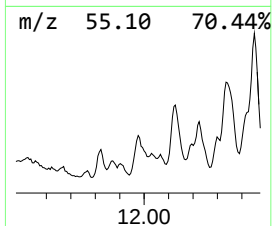
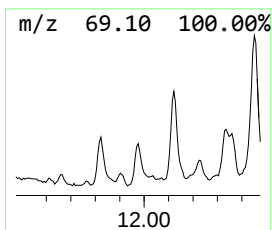
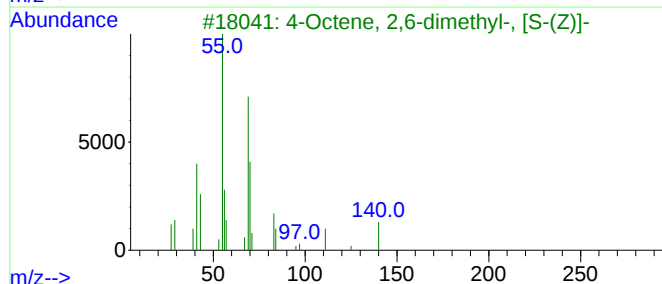
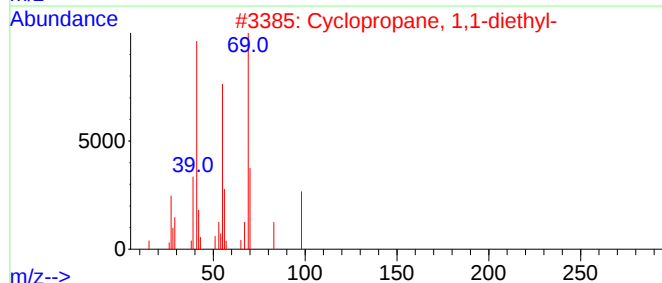
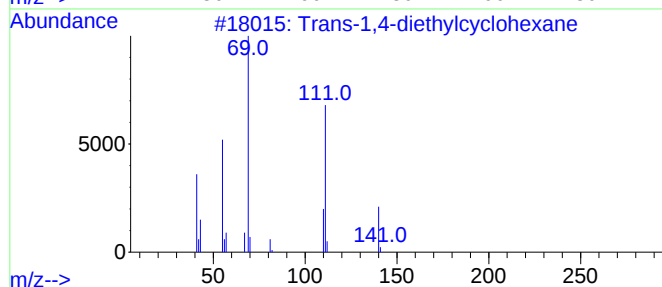
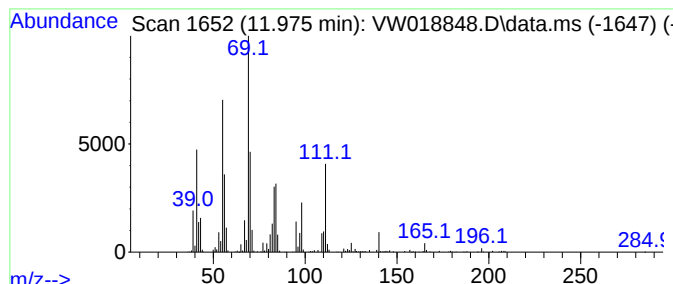
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.975 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	6.36 ug/L	384270	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	55
2			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	53
3			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	52
4			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	52
5			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

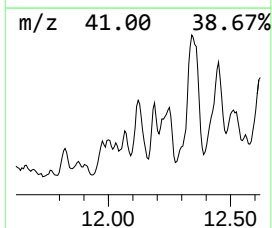
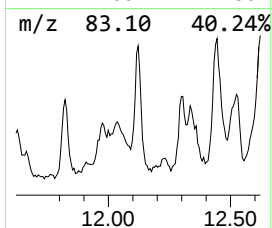
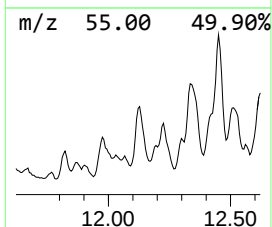
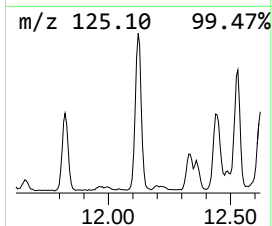
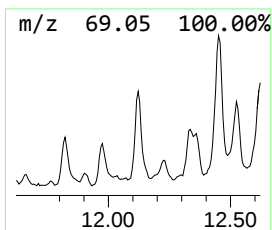
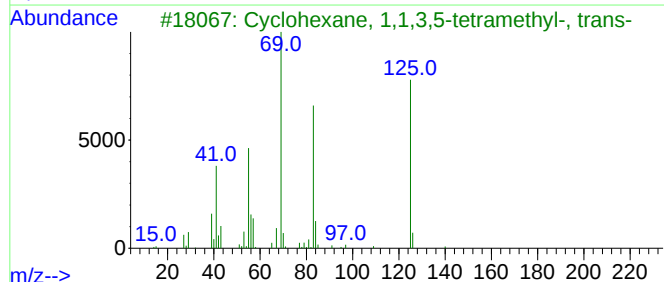
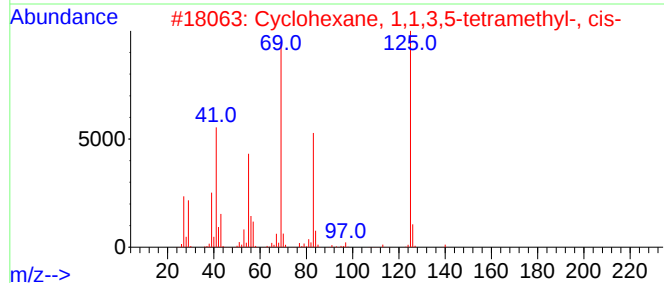
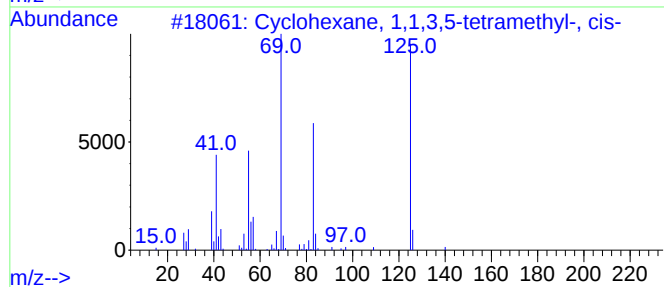
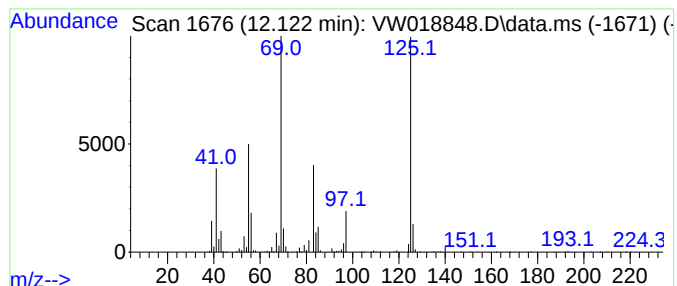
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.122 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	12.53 ug/L	757608	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	76
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	58
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	56
4			Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	56
5			3-Cyclopentylpropionic acid, 3-p...	352	C23H44O2	1000293-57-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

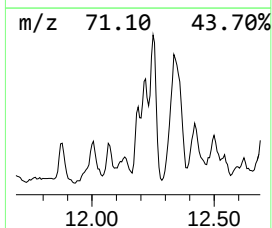
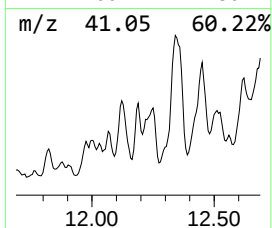
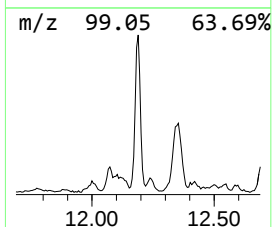
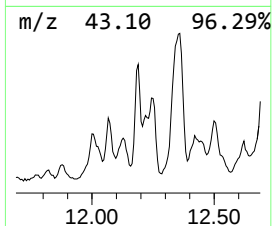
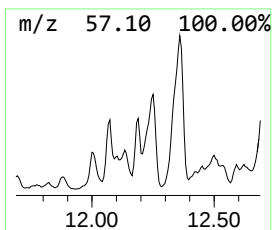
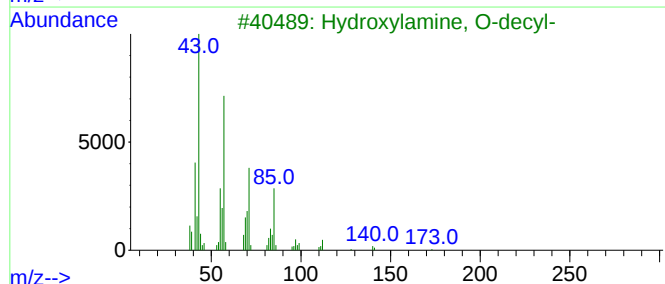
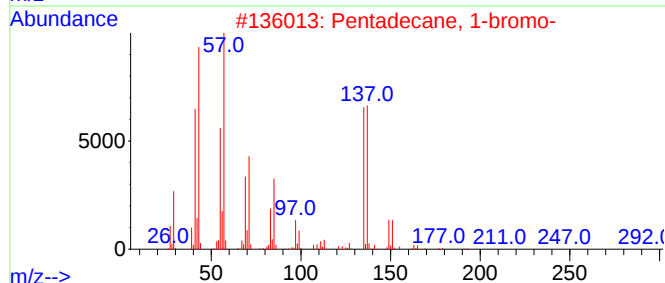
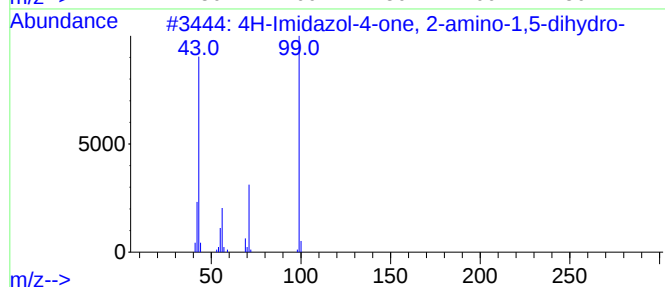
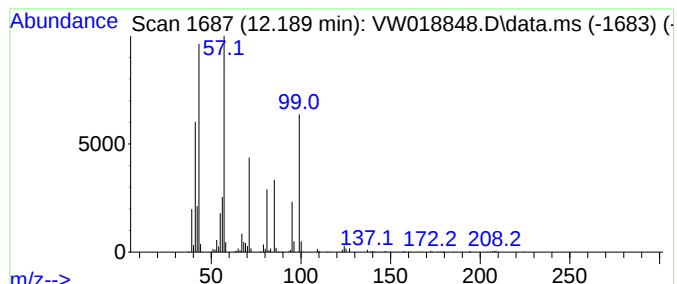
Instrument :
MSVOA_W
ClientSampleId :
BG590

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Quant Title : SFAM01.0

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

Peak Number 8 4H-Imidazol-4-one, 2-amino-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.189	7.59 ug/L	458636	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	62
2	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	53
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
4	3-Methyl-4-nonanone	156	C10H20O	035778-39-3	50
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

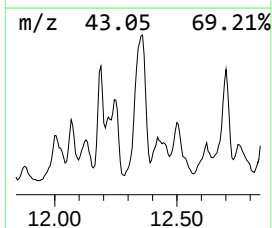
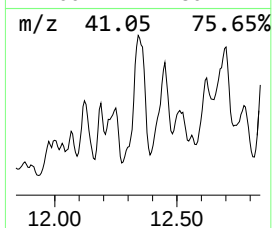
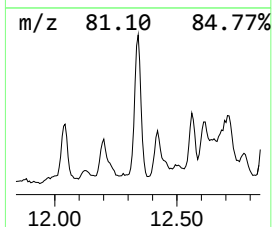
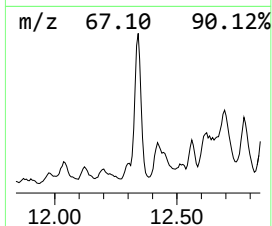
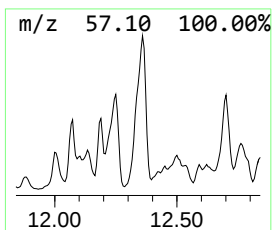
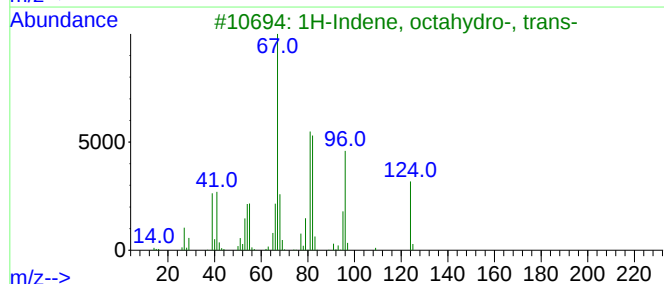
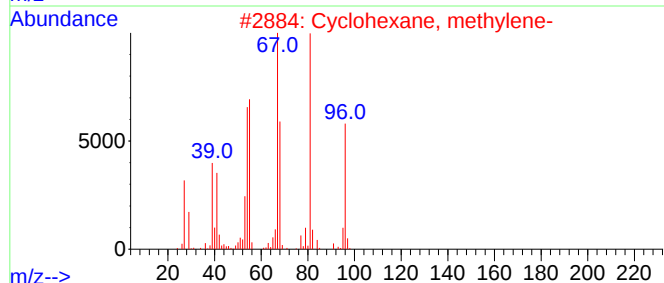
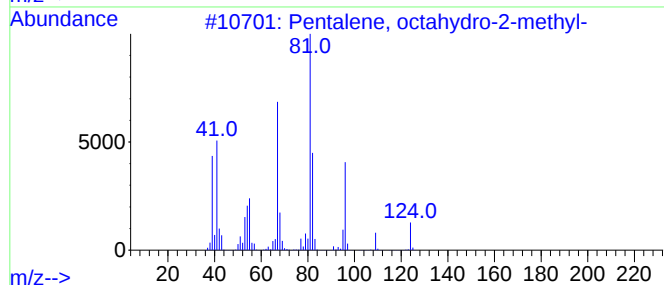
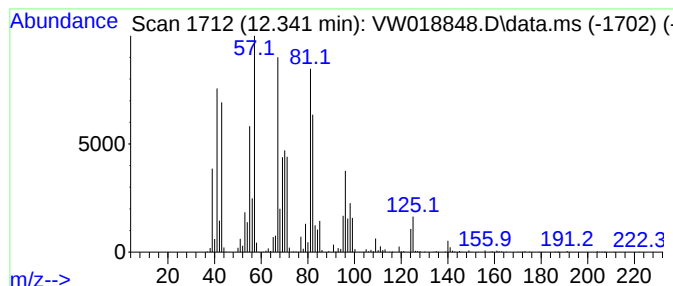
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Quant Title : SFAM01.0

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

Peak Number 9 Pentalene, octahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	44.24 ug/L	2674730	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	50
2			Cyclohexane, methylene-	96	C7H12	001192-37-6	50
3			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	38
4			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	30
5			3-Hexen-1-ol, propanoate, (Z)-	156	C9H16O2	033467-74-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

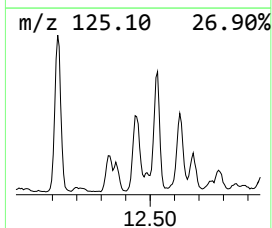
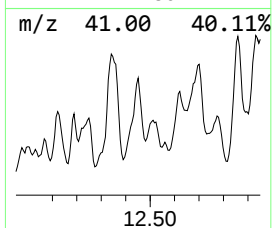
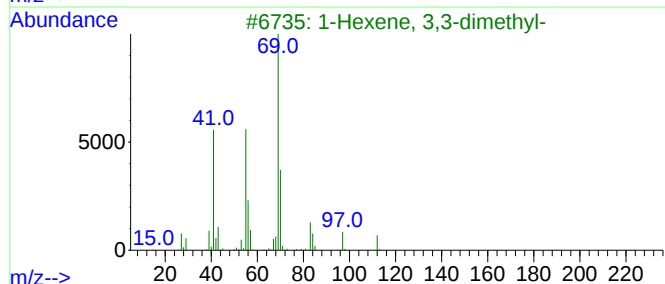
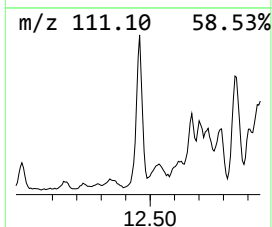
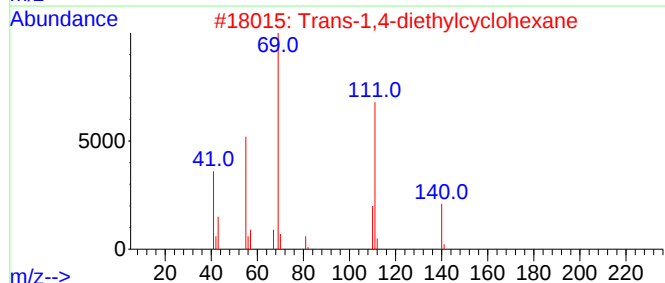
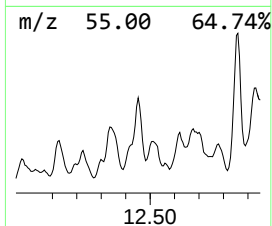
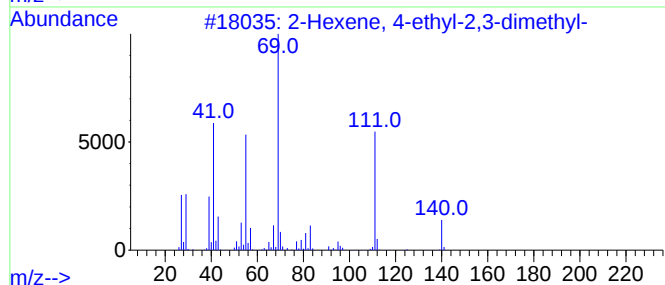
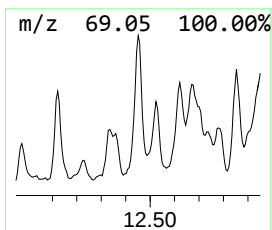
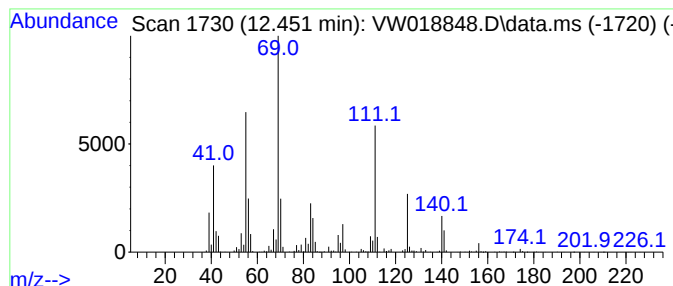
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	31.72 ug/L	1918110	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-			140	C10H20	1000149-19-7	52
2	Trans-1,4-diethylcyclohexane			140	C10H20	013990-93-7	49
3	1-Hexene, 3,3-dimethyl-			112	C8H16	003404-77-1	38
4	1-Pentyn-3-ol, 3,4-dimethyl-			112	C7H12O	001482-15-1	38
5	Cyclohexane, 1,2,4-trimethyl-			126	C9H18	002234-75-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

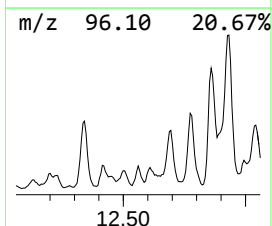
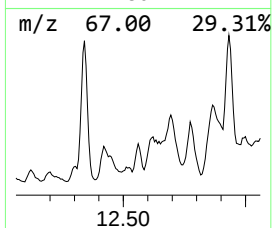
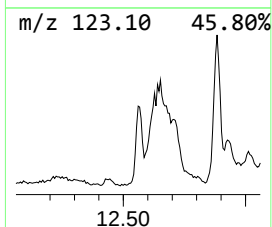
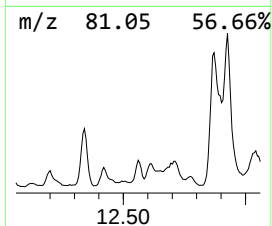
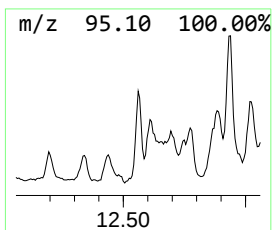
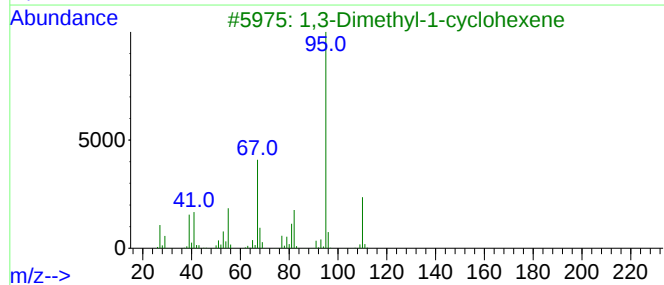
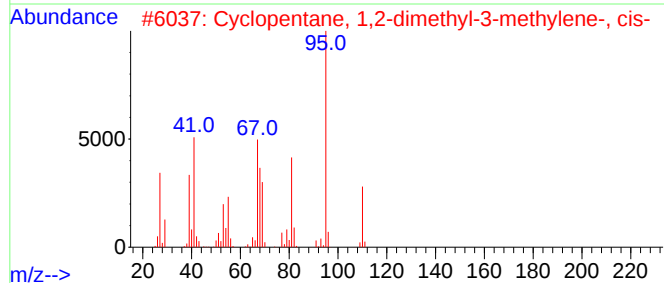
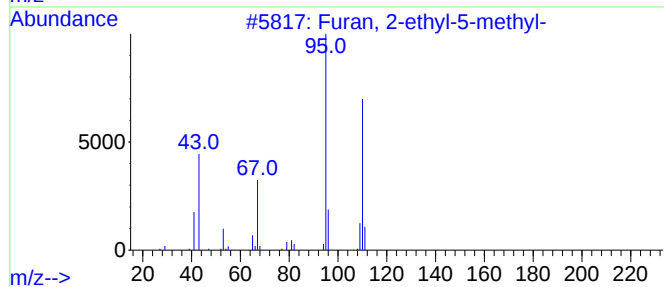
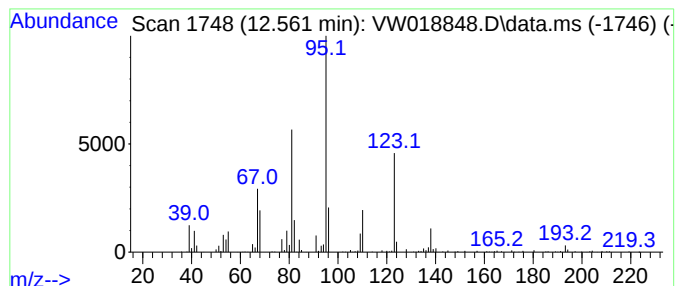
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Quant Title : SFAM01.0

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

Peak Number 11 Furan, 2-ethyl-5-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.560	2.19 ug/L	132127	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	50
2			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	50
3			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	49
4			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	46
5			Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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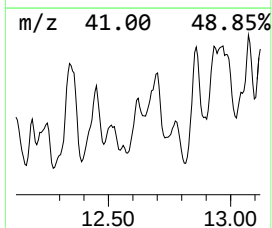
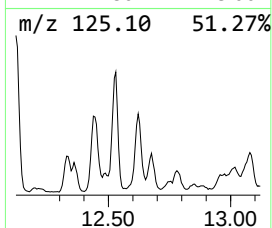
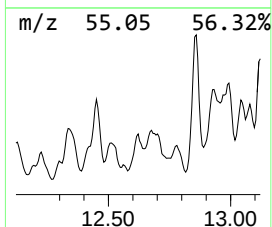
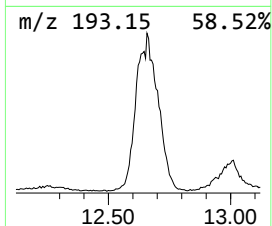
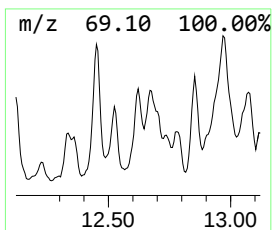
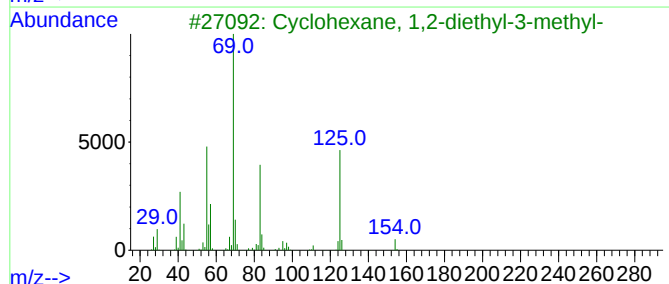
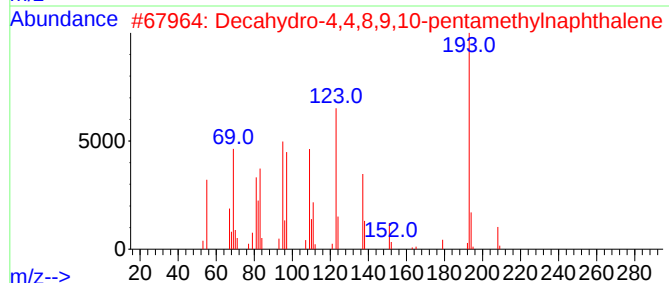
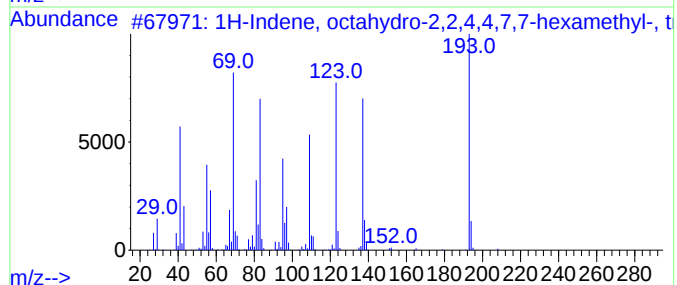
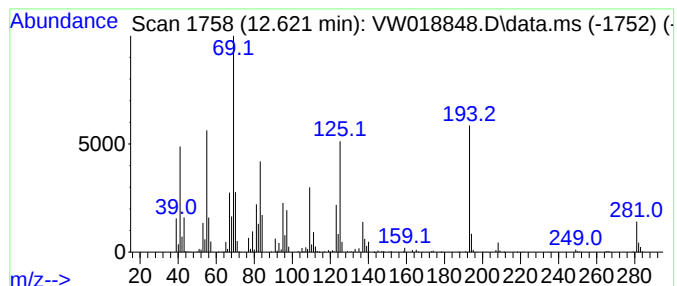
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Quant Title : SFAM01.0

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

Peak Number 12 1H-Indene, octahydro-2,2,4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	27.05 ug/L	1358310	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,7,7...	208	C15H28		054832-83-6	53
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28		080655-44-3	44
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22		061141-80-8	43
4	Cyclohexanecarboxylic acid, 4-pr...	368	C22H28N2O3		075941-67-2	43
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20		050876-31-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

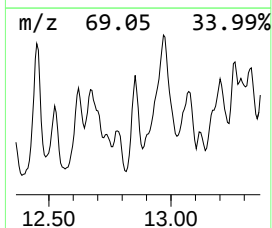
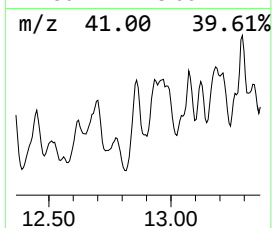
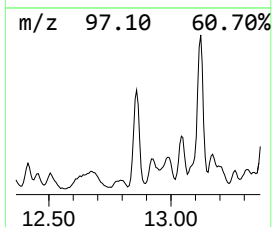
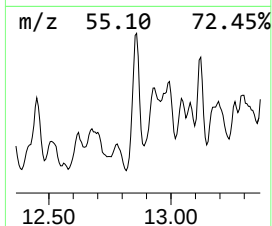
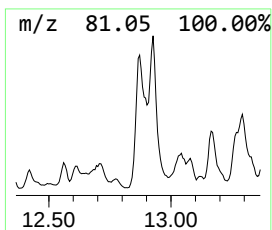
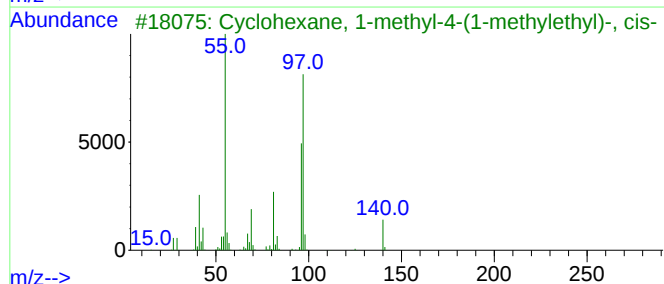
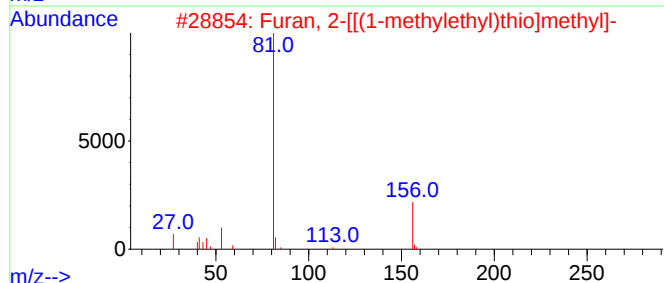
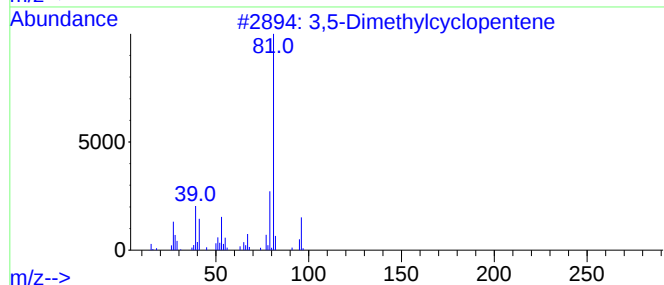
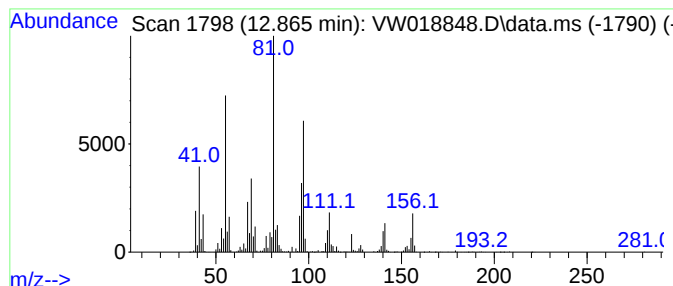
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Quant Title : SFAM01.0

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

Peak Number 13 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	73.15 ug/L	3672590	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	43
2			Furan, 2-[[[(1-methylethyl)thio]m...	156	C8H12OS	001883-78-9	27
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	25
4			Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	25
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

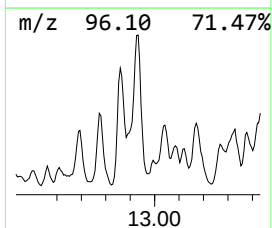
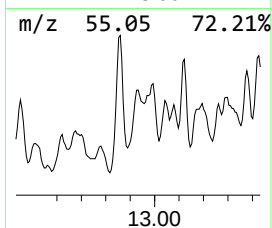
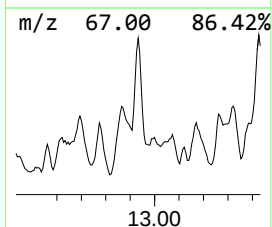
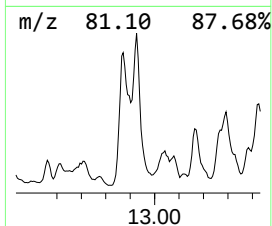
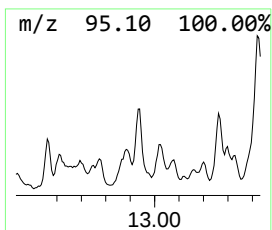
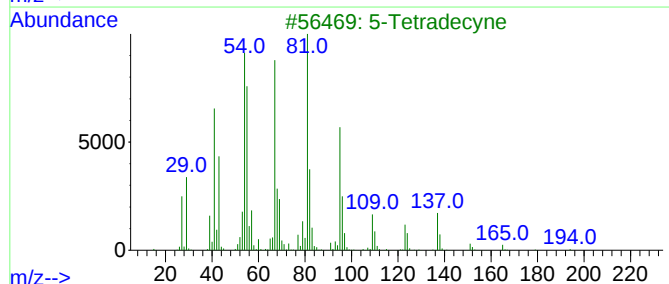
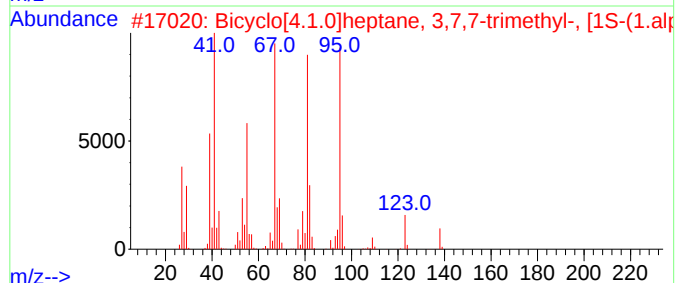
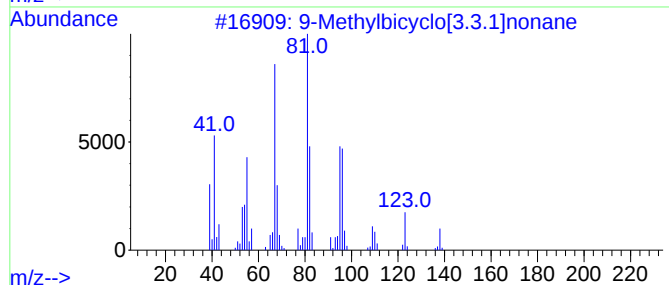
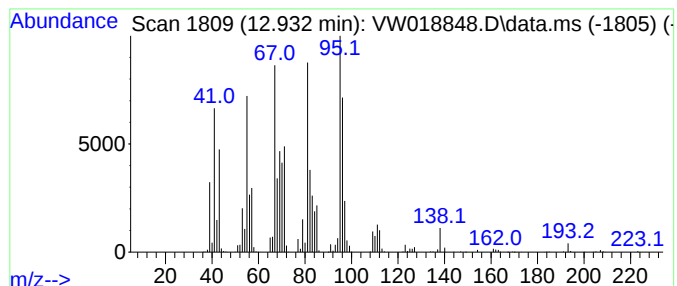
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Quant Title : SFAM01.0

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

Peak Number 14 9-Methylbicyclo[3.3.1]nonane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.932	78.53 ug/L	3943080	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	60
2		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	52
3		5-Tetradecyne	194	C14H26	060212-34-2	49
4		5-Tetradecyne	194	C14H26	060212-34-2	49
5		1H-Indene, octahydro-5-methyl-	138	C10H18	019744-64-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

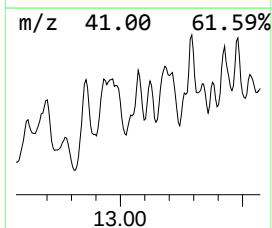
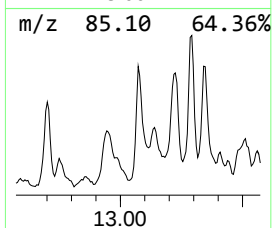
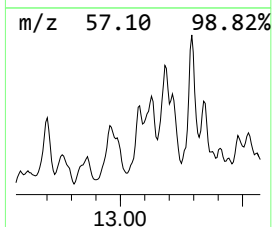
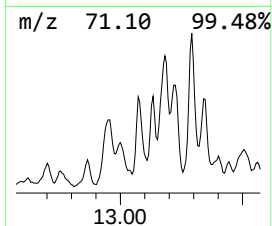
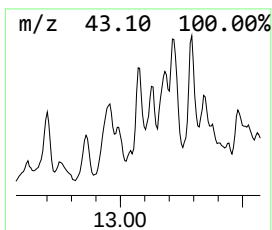
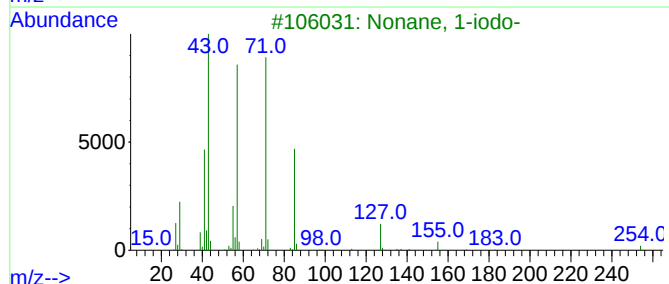
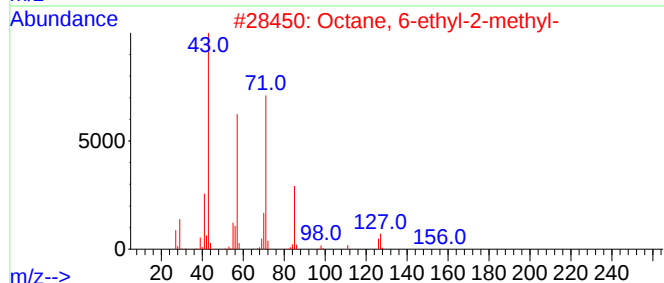
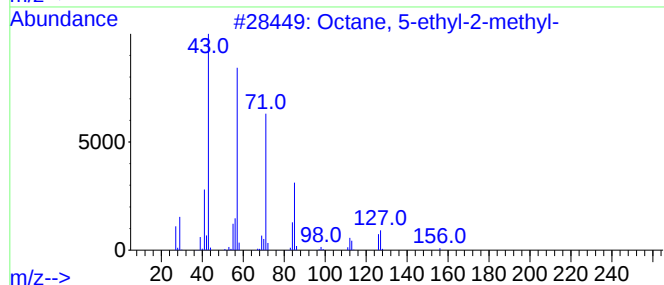
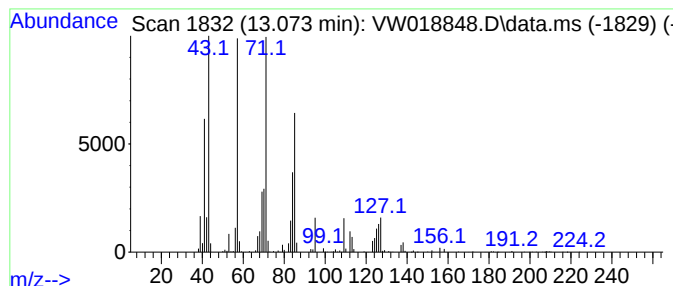
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.073	15.57 ug/L	781701	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
2			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
3			Nonane, 1-iodo-	254	C9H19I	004282-42-2	49
4			1-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	47
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

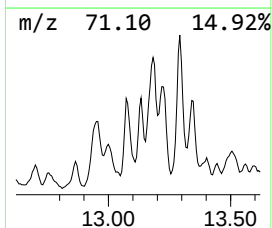
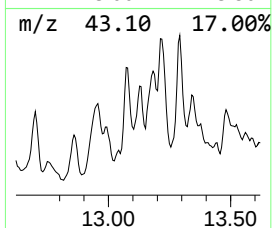
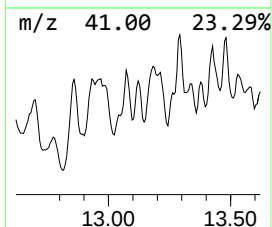
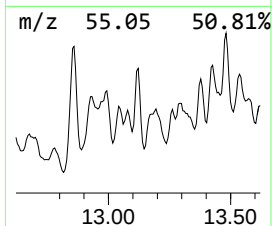
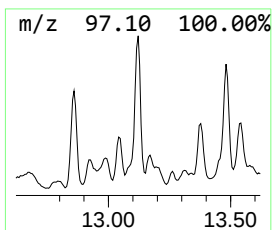
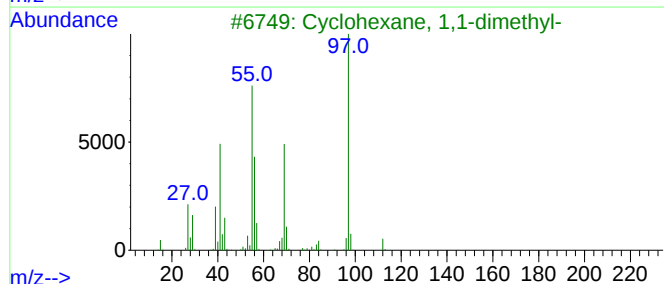
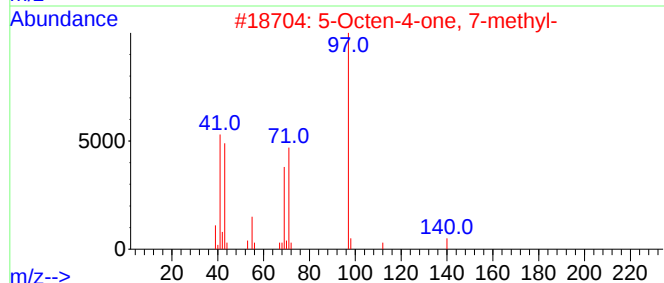
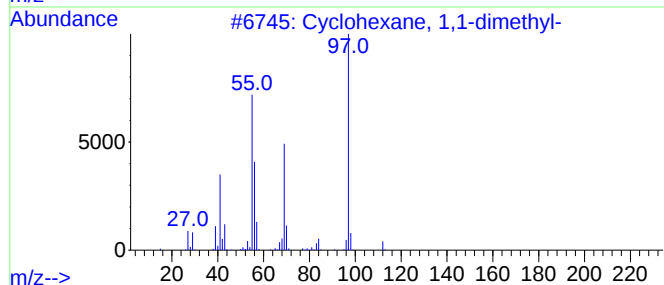
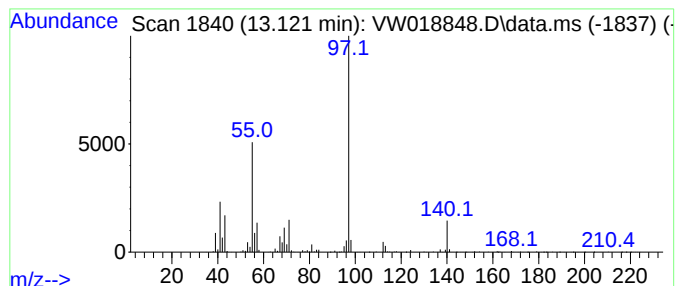
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic13.121 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	12.98 ug/L	651949	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
2		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	64
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
4		Semustine	247	C10H18ClN3O2	013909-09-6	59
5		2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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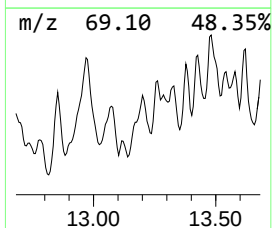
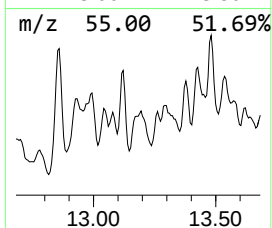
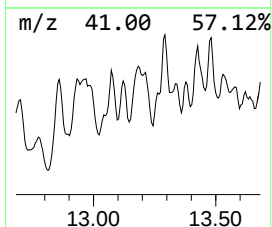
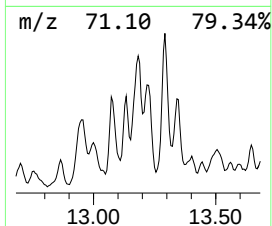
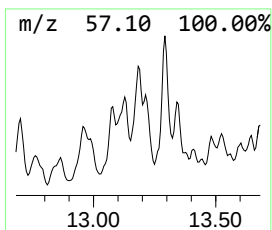
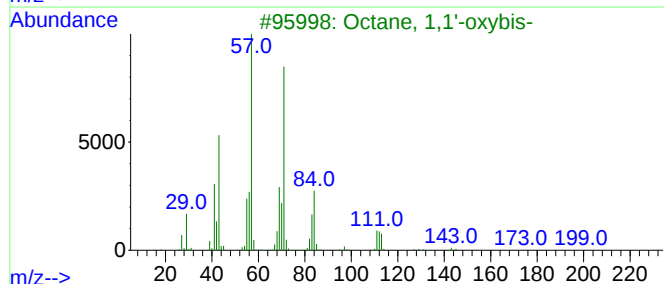
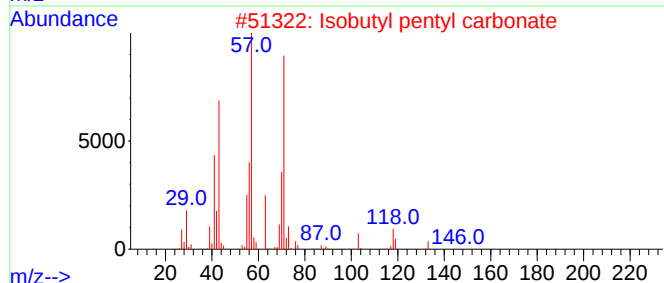
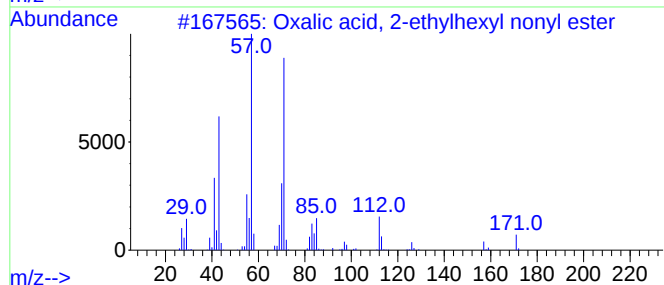
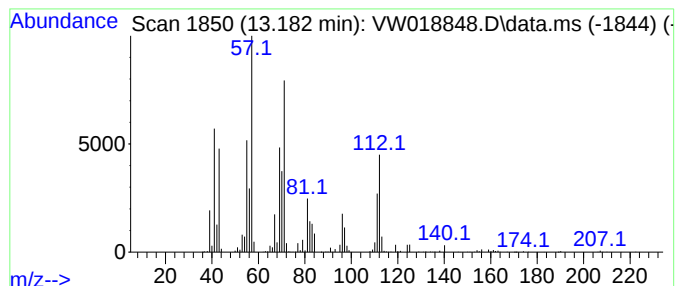
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Quant Title : SFAM01.0

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

Peak Number 17 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.182	28.28 ug/L	1420080	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	47
2			Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	47
3			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
4			Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	47
5			Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

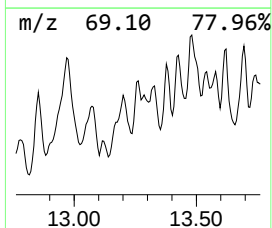
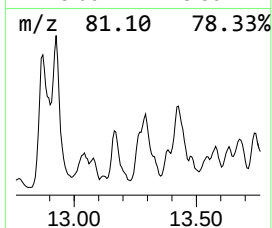
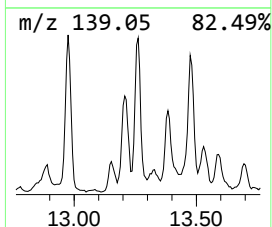
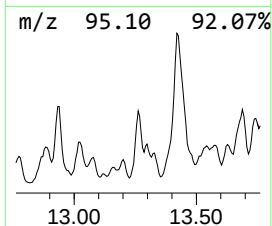
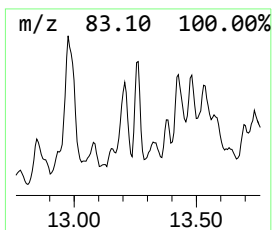
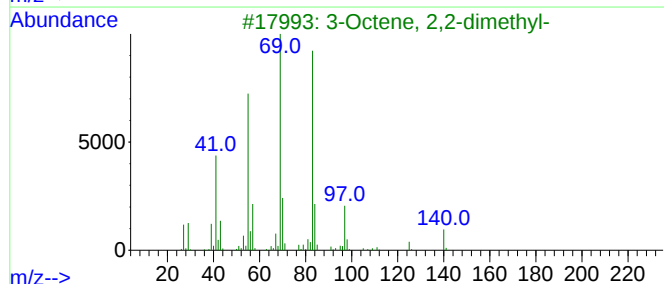
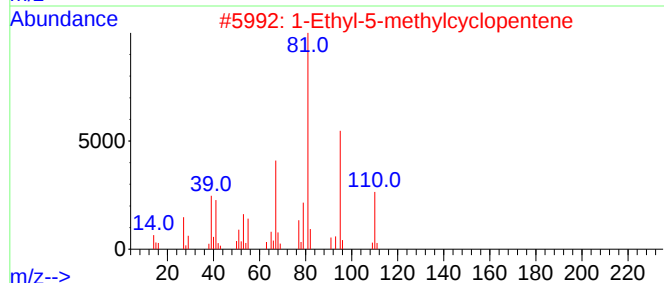
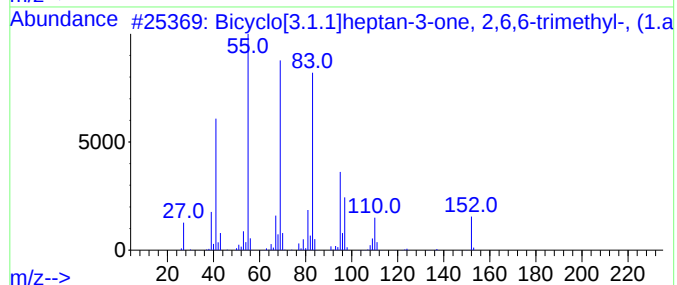
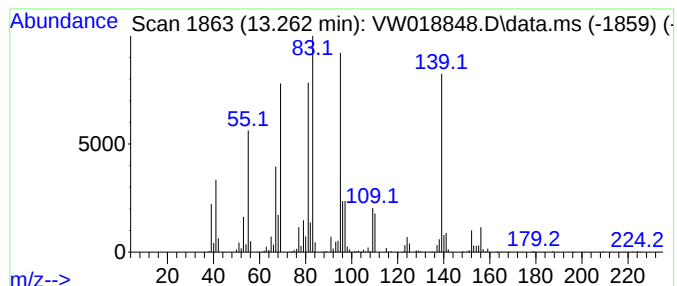
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	16.32 ug/L	819319	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
2			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	25
3			3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	22
4			Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	20
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

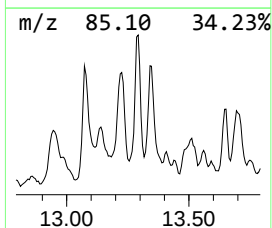
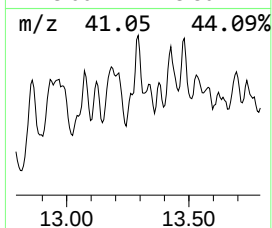
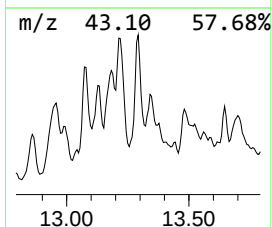
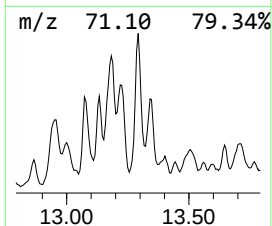
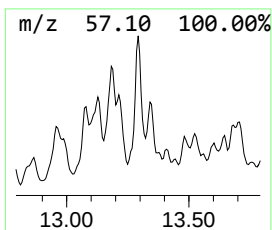
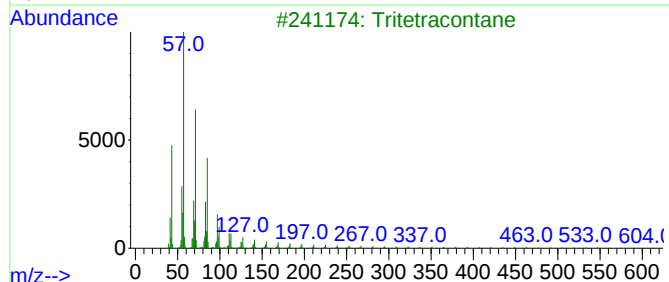
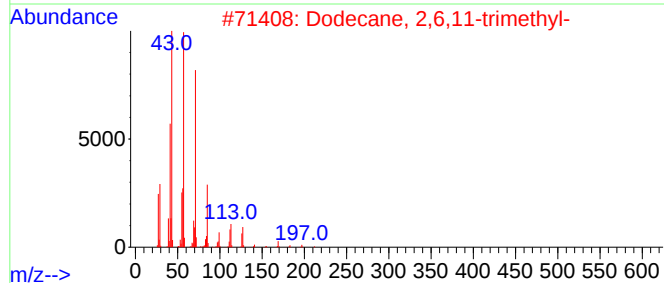
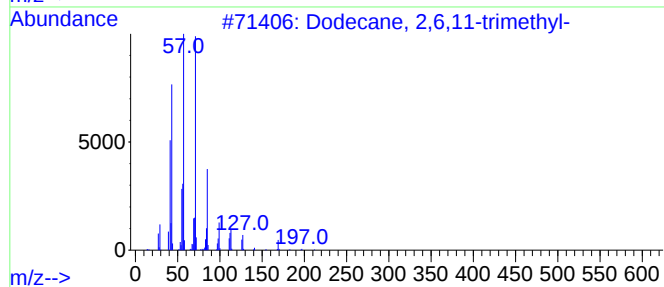
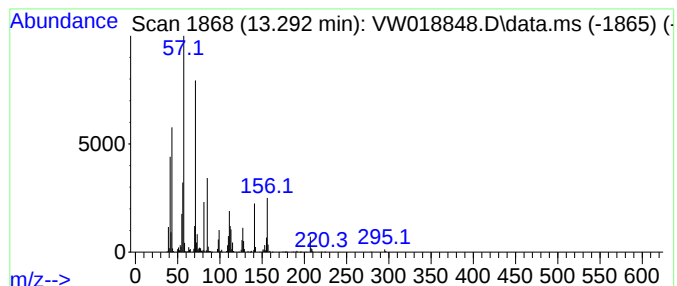
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.292	23.21 ug/L	1165410	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	59
3	Tritetracontane		605	C43H88	007098-21-7	53
4	Hexadecane, 2,6,11,15-tetramethyl-		282	C20H42	000504-44-9	53
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

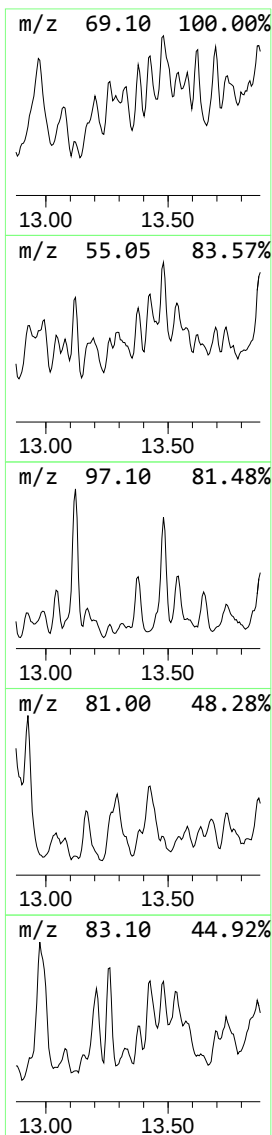
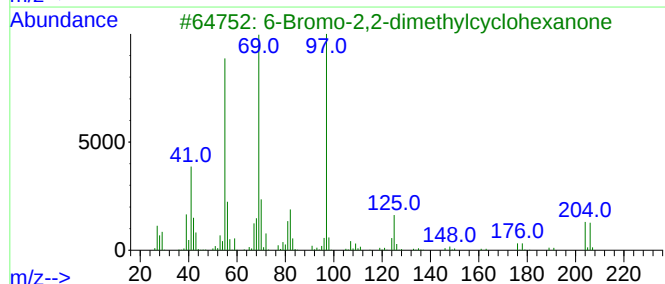
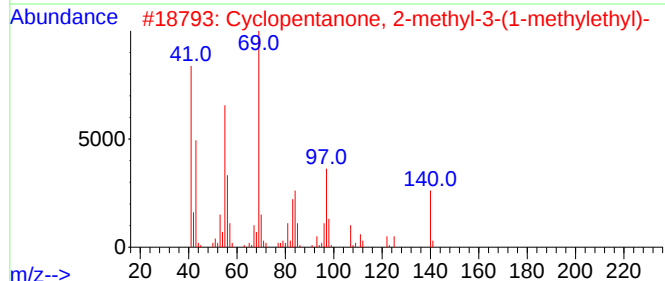
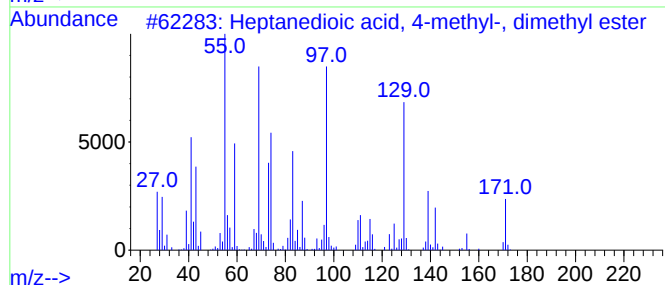
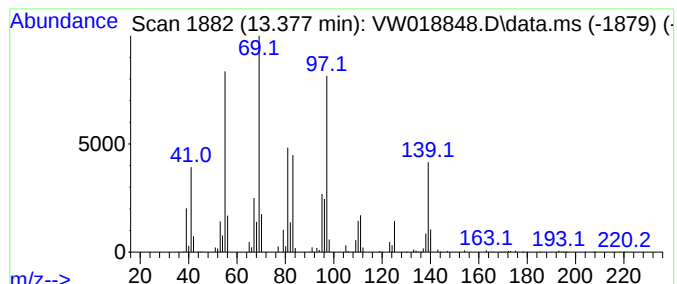
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 20 Heptanedioic acid, 4-methyl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.378	8.84 ug/L	443782	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptanedioic acid, 4-methyl-, di...		202	C10H18O4	004751-49-9	64
2	Cyclopentanone, 2-methyl-3-(1-me...		140	C9H16O	054549-81-4	53
3	6-Bromo-2,2-dimethylcyclohexanone		204	C8H13BrO	021690-26-6	43
4	Cyclopentanecarboxylic acid, all...		154	C9H14O2	178905-33-4	38
5	Cyclopentane, pentyl-		140	C10H20	003741-00-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

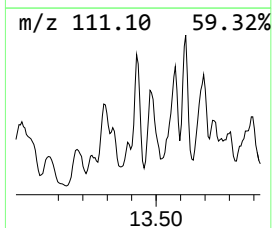
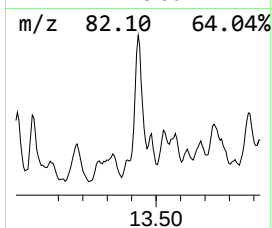
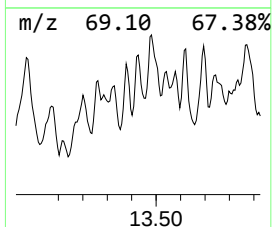
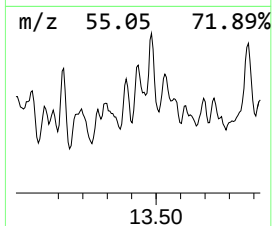
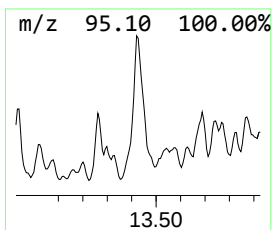
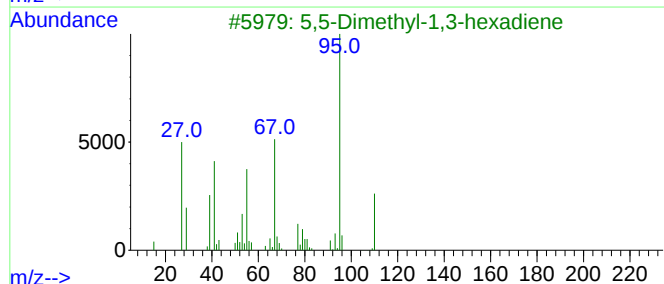
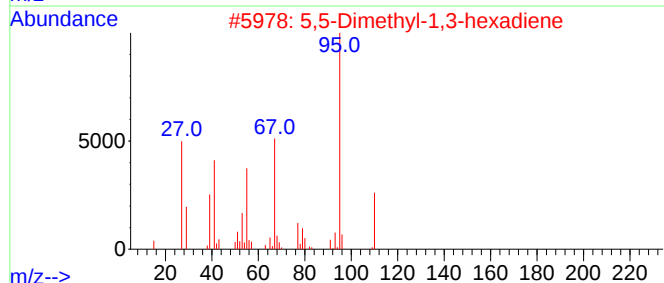
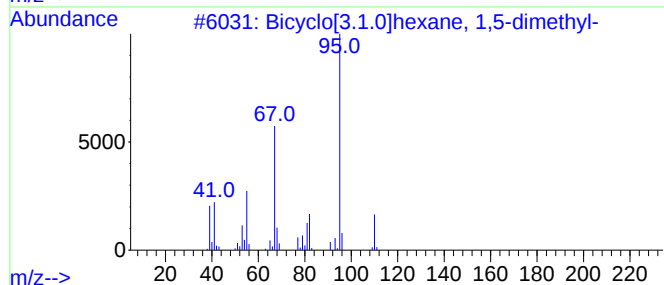
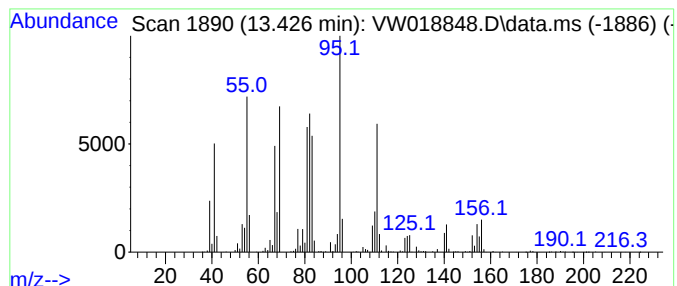
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	38.40 ug/L	1927870	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43
2			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	41
3			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	41
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5			Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

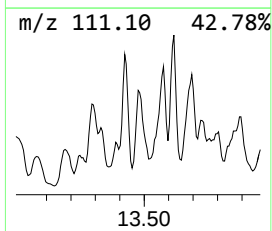
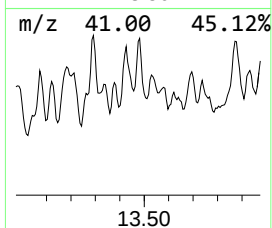
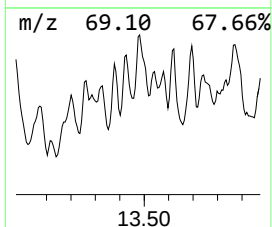
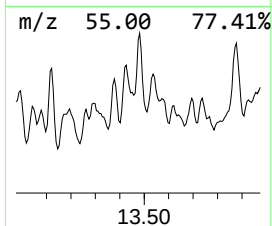
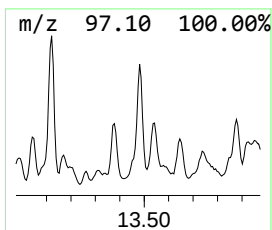
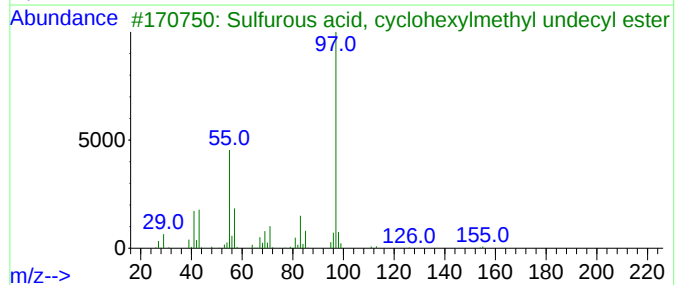
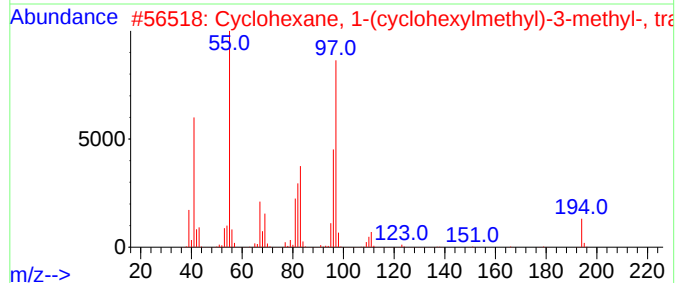
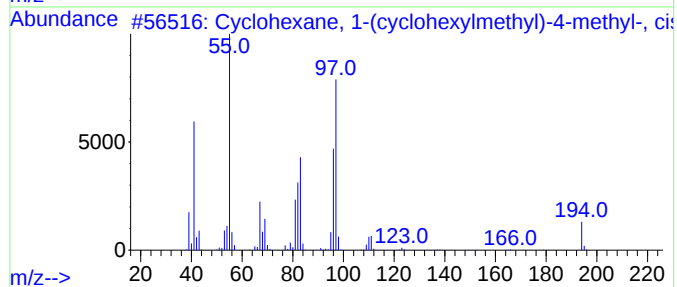
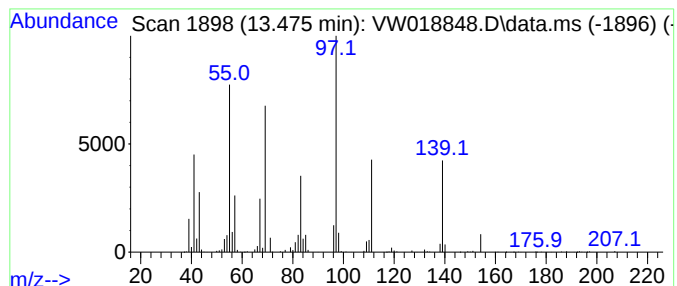
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic13.475 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	25.00 ug/L	1255210	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-97-1	47
2			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-95-9	47
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	43
4			Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	43
5			Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

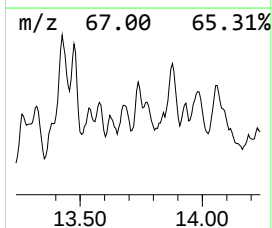
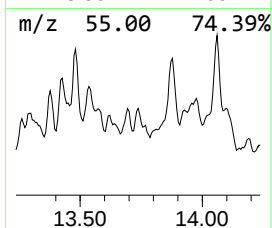
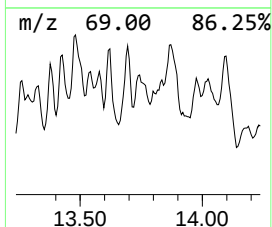
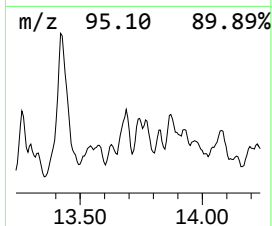
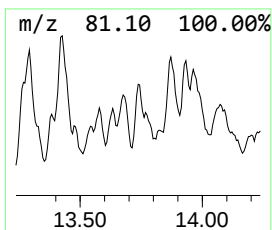
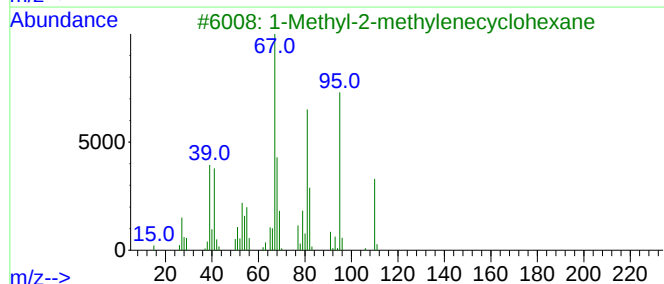
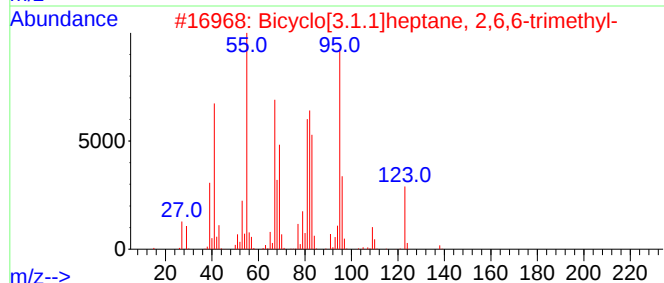
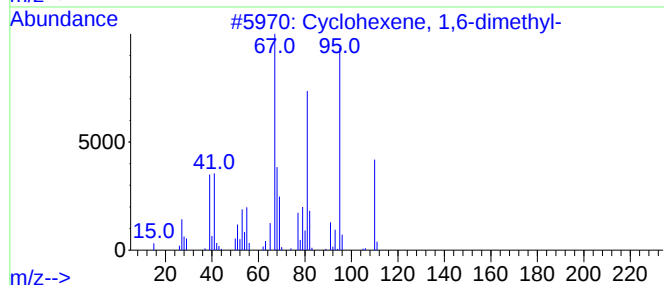
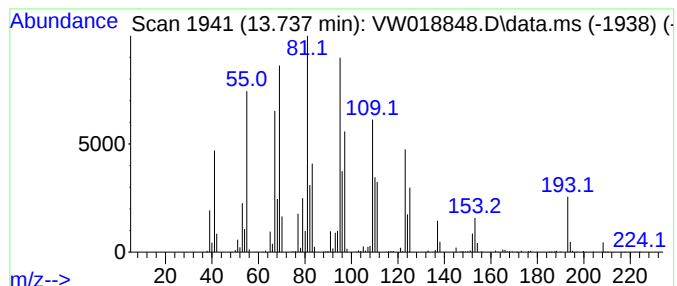
Instrument :
MSVOA_W
ClientSampleId :
BG590

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic13.737 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.737	13.64 ug/L	684642	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6-dimethyl-		110	C8H14	001759-64-4	38
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...		138	C10H18	000473-55-2	35
3	1-Methyl-2-methylenecyclohexane		110	C8H14	002808-75-5	30
4	Methyl ethyl cyclopentene		110	C8H14	019780-56-4	25
5	1-Ethyl-5-methylcyclopentene		110	C8H14	097797-57-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

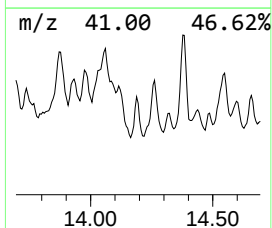
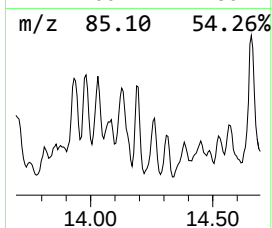
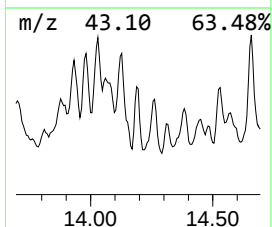
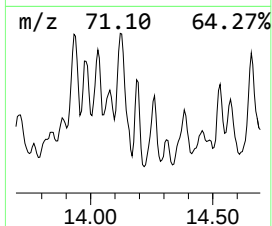
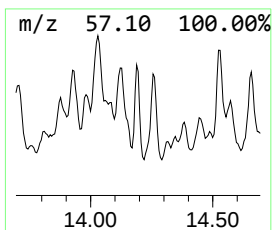
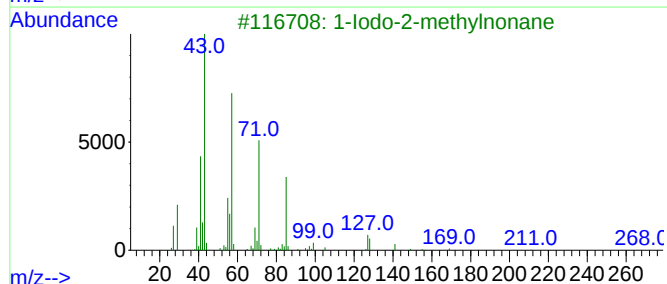
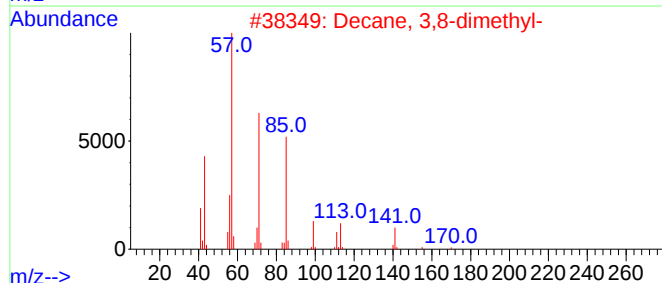
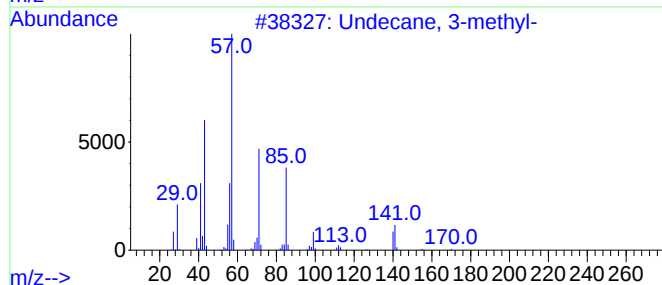
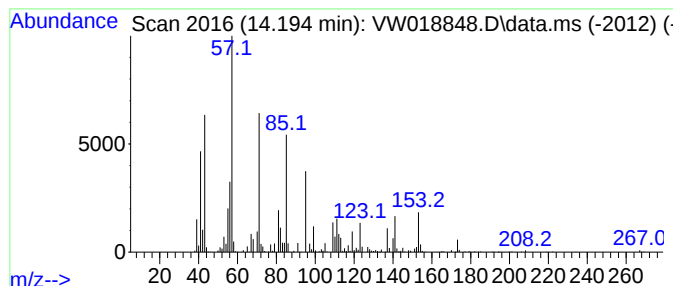
Instrument :
MSVOA_W
ClientSampleId :
BG590

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.194	11.30 ug/L	567126	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	55
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	55
3	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	43
4	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	38
5	Decane, 5-propyl-		184	C13H28	017312-62-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

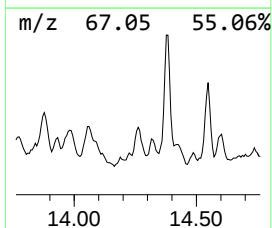
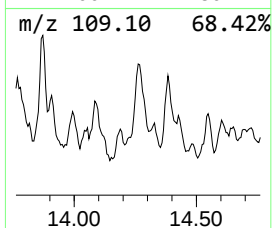
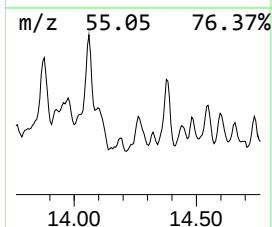
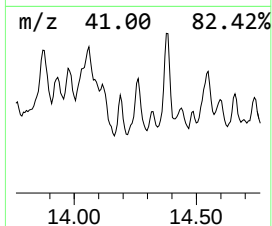
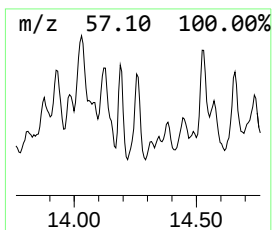
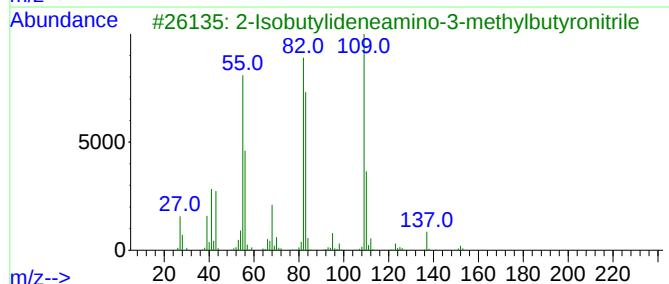
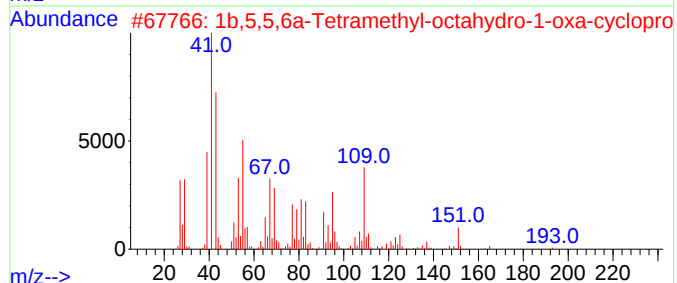
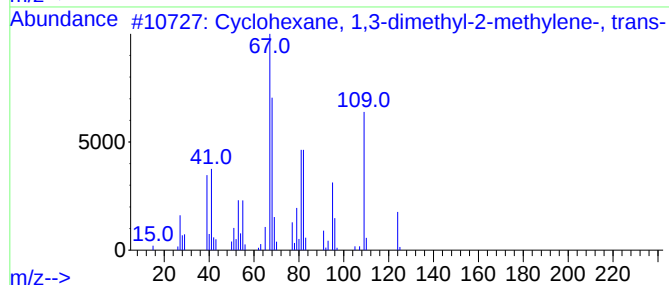
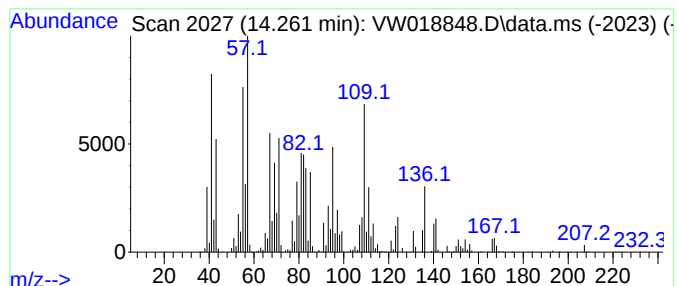
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic14.262 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.262	23.30 ug/L	1170050	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-2-meth...		124	C9H16	020348-74-7	43
2	1b,5,5,6a-Tetramethyl-octahydro-...		208	C13H20O2	1000194-13-1	43
3	2-Isobutylideneamino-3-methylbut...		152	C9H16N2	125213-17-4	42
4	3,4-Octadiene, 7-methyl-		124	C9H16	037050-05-8	38
5	4,7-Methano-1H-indene, octahydro-		136	C10H16	006004-38-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

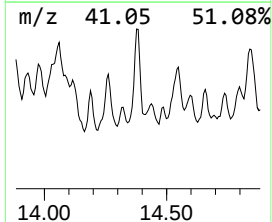
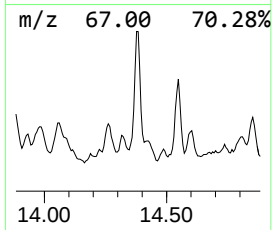
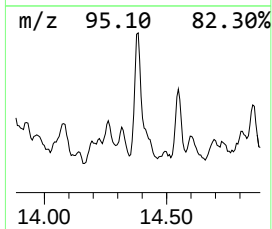
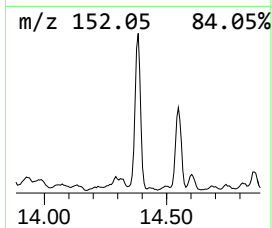
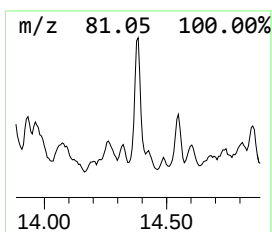
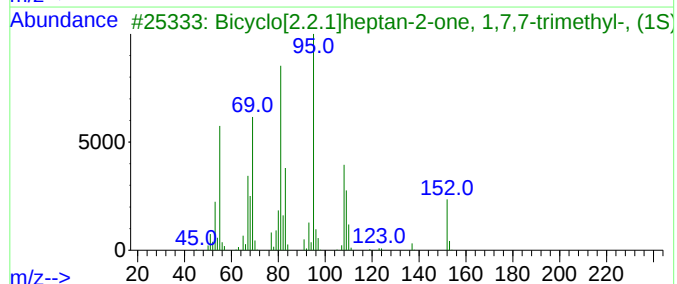
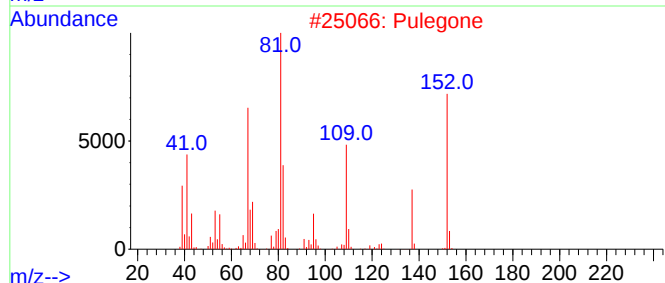
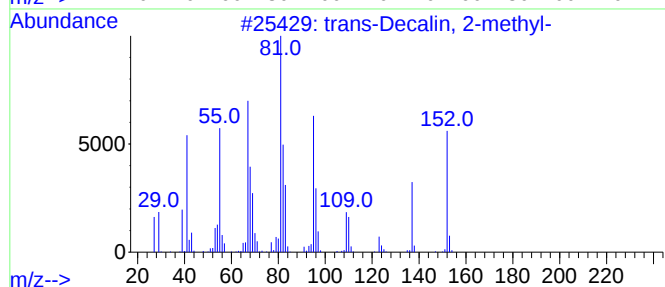
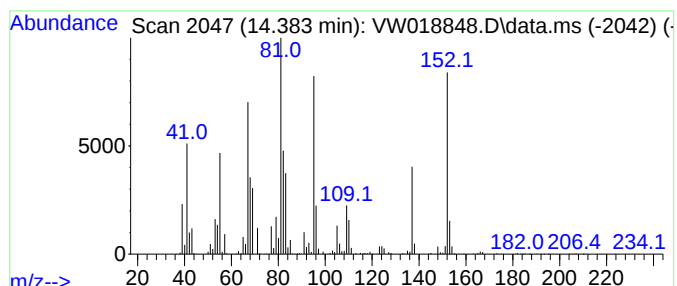
Instrument :
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ClientSampleId :
BG590

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 trans-Decalin, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.383	44.62 ug/L	2240330	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	87
2	Pulegone	152	C10H16O	000089-82-7	68
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
4	Pulegone	152	C10H16O	000089-82-7	62
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

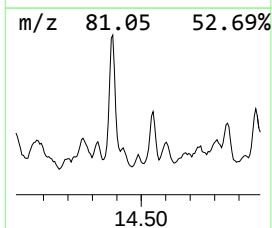
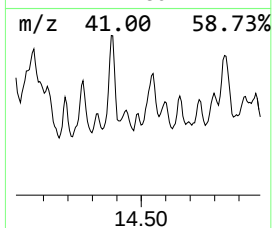
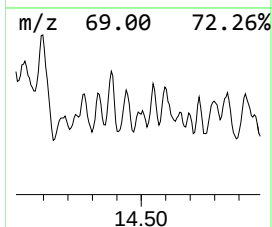
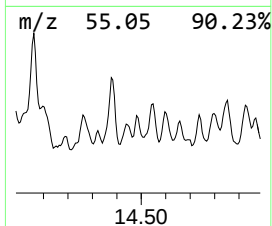
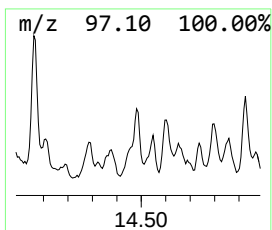
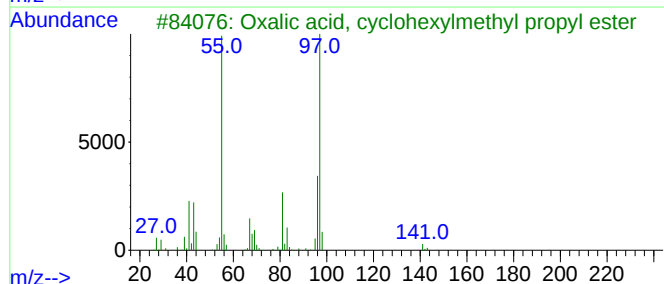
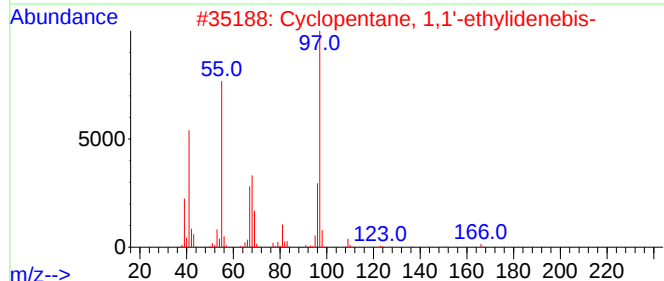
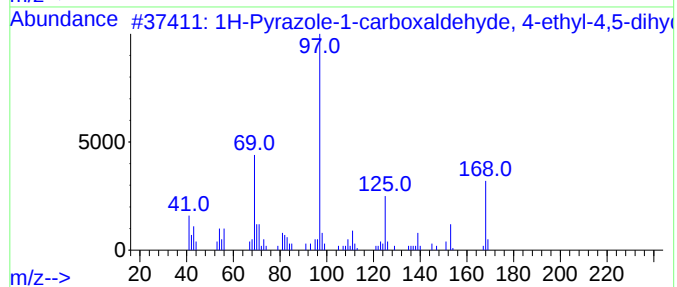
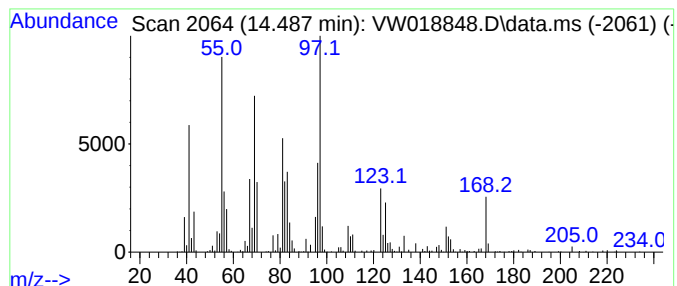
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Quant Title : SFAM01.0

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

Peak Number 27 1H-Pyrazole-1-carboxaldehyd... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.487	5.89 ug/L	295615	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	52
2			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	49
3			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	47
4			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-94-8	47
5			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

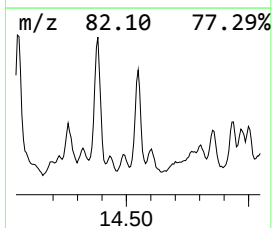
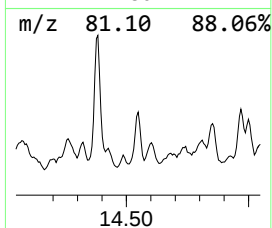
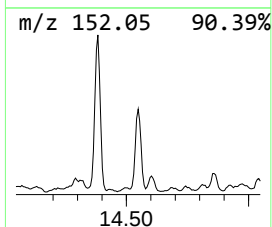
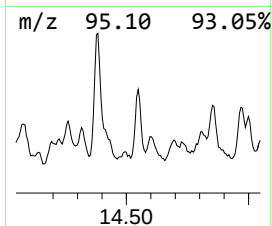
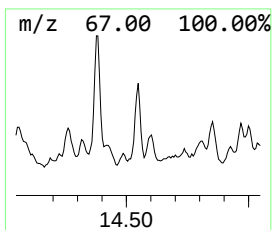
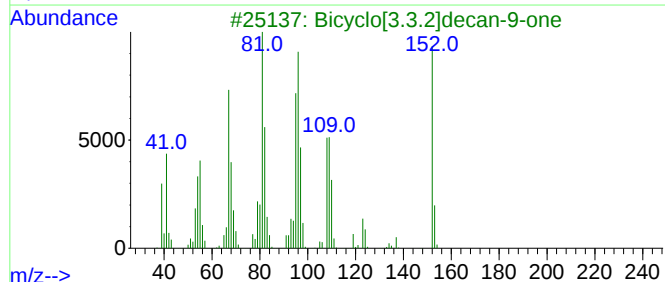
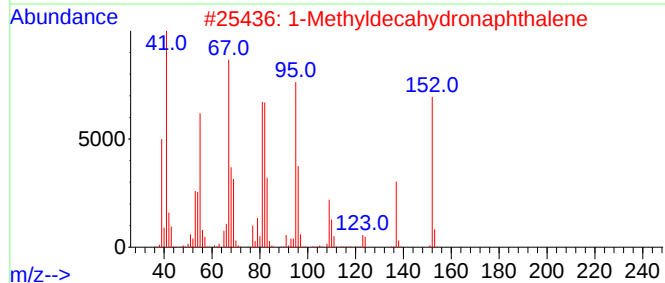
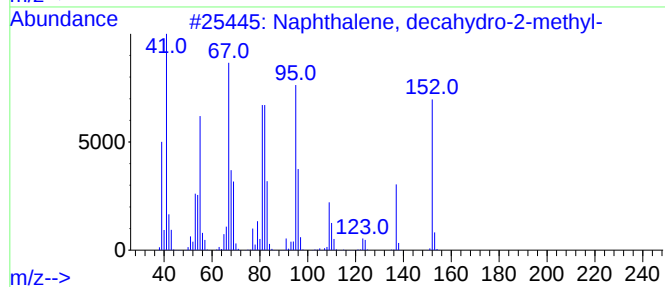
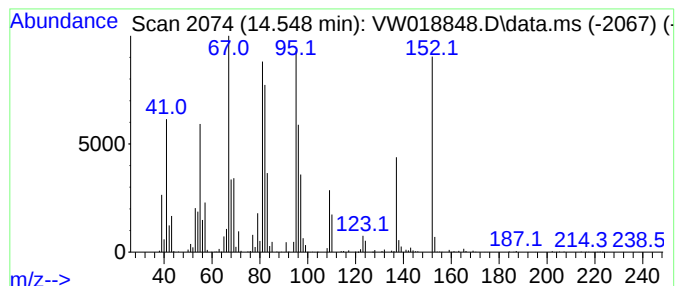
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Quant Title : SFAM01.0

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

Peak Number 28 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	33.33 ug/L	1673680	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	97
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	76
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

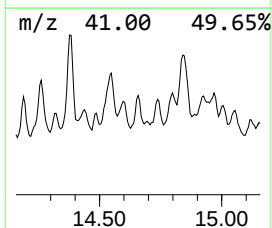
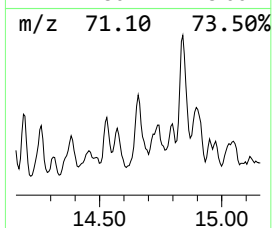
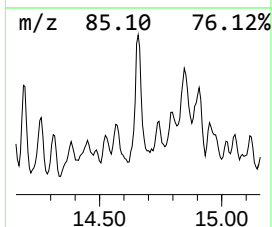
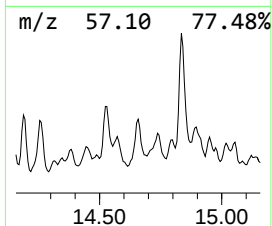
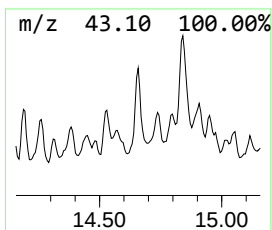
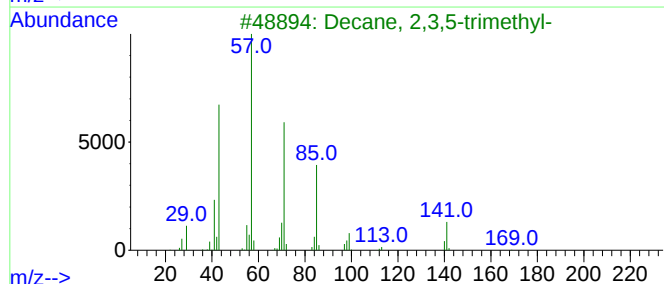
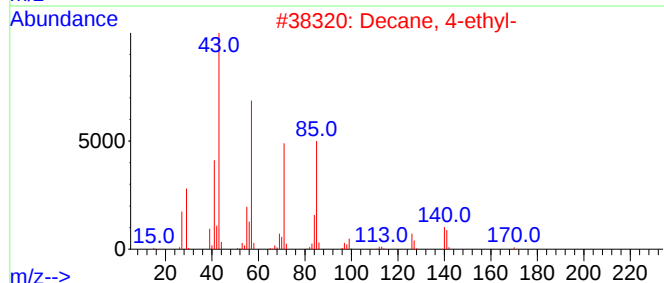
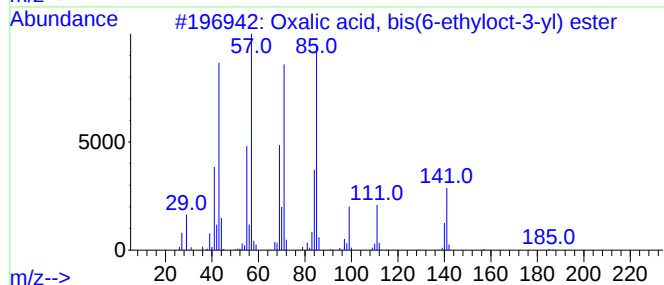
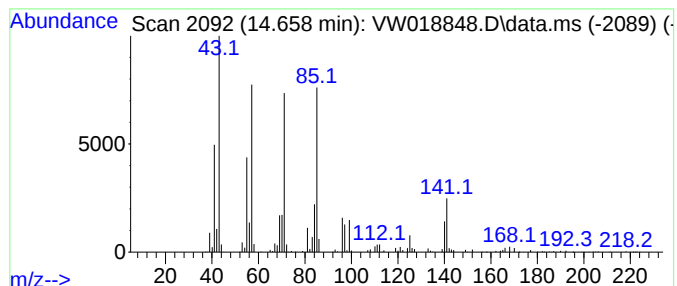
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Quant Title : SFAM01.0

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

Peak Number 29 Oxalic acid, bis(6-ethyloct... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.658	7.36 ug/L	369597	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	87
2			Decane, 4-ethyl-	170	C12H26	001636-44-8	83
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	72
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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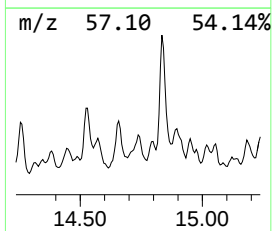
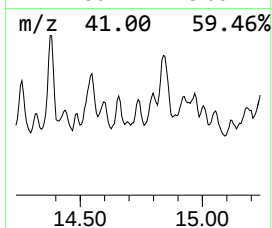
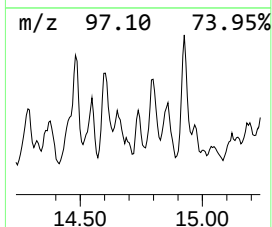
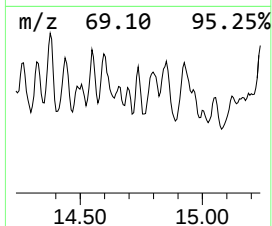
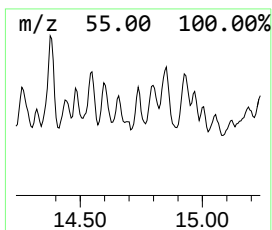
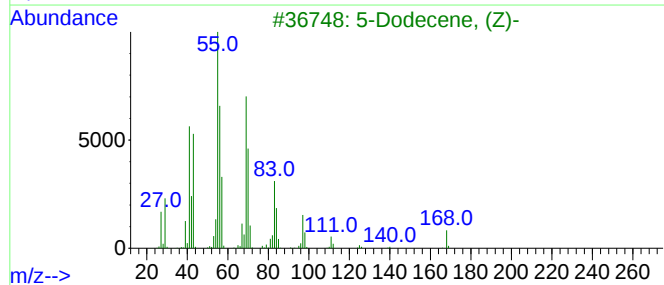
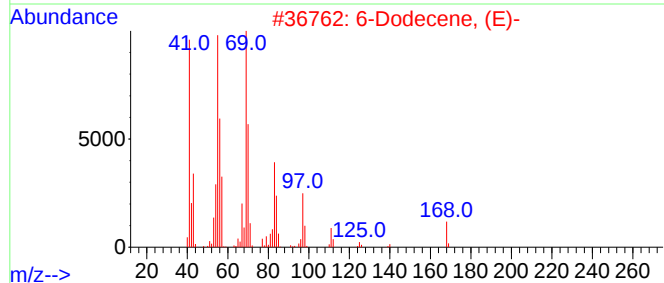
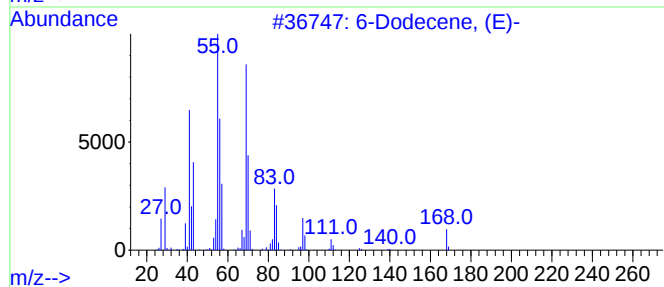
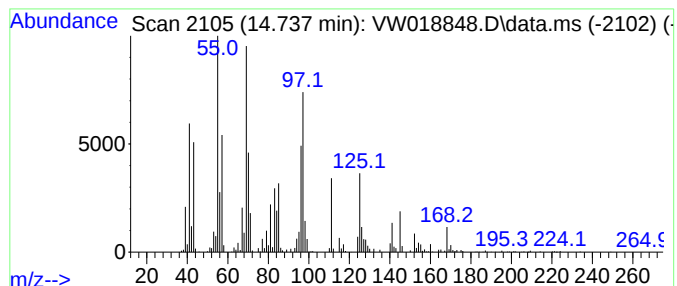
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	9.73 ug/L	488698	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Dodecene, (E)-	168	C12H24	007206-17-9	43
2		6-Dodecene, (E)-	168	C12H24	007206-17-9	43
3		5-Dodecene, (Z)-	168	C12H24	007206-28-2	43
4		2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	38
5		Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

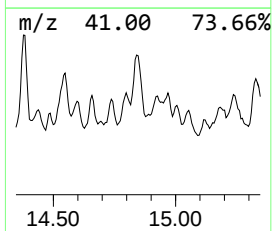
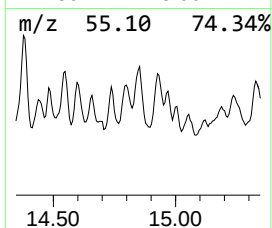
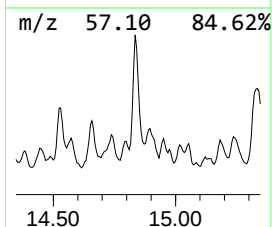
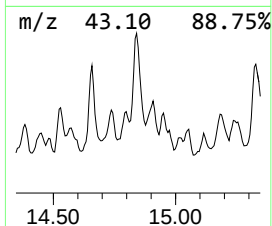
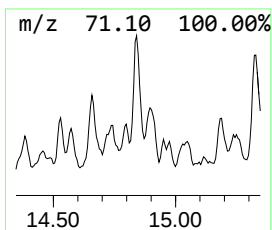
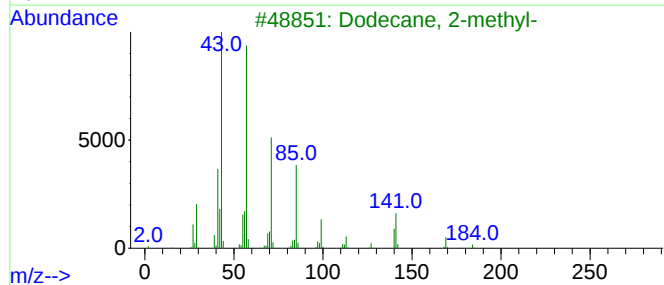
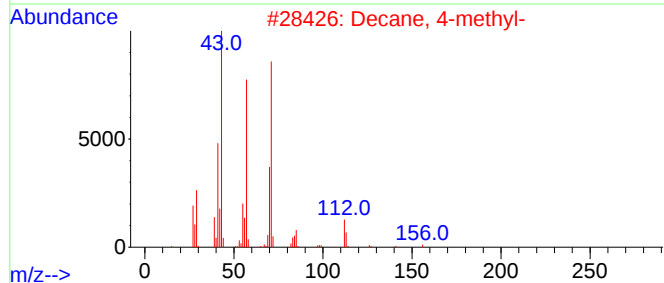
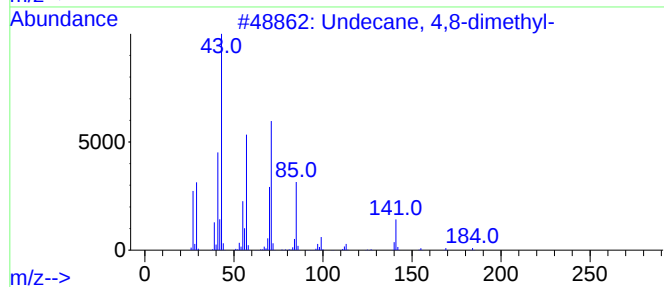
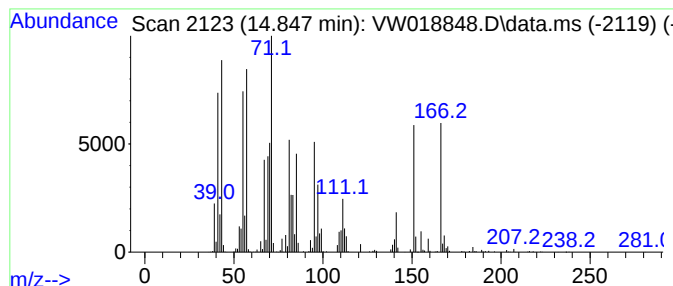
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	29.93 ug/L	1502730	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	56
2		Decane, 4-methyl-	156	C11H24	002847-72-5	25
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	25
4		Tridecane	184	C13H28	000629-50-5	18
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

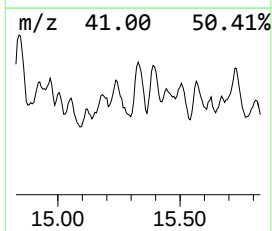
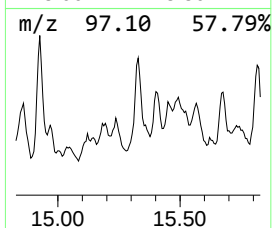
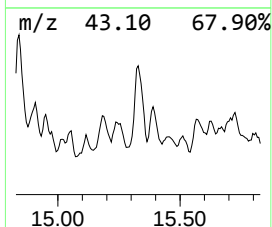
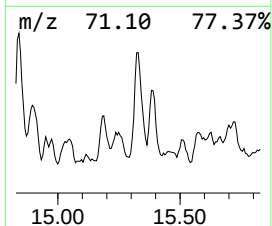
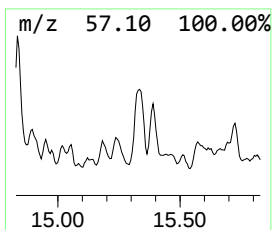
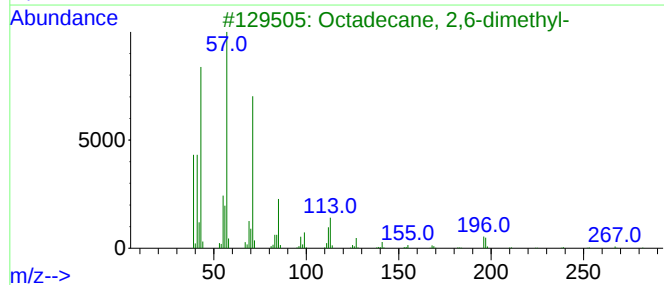
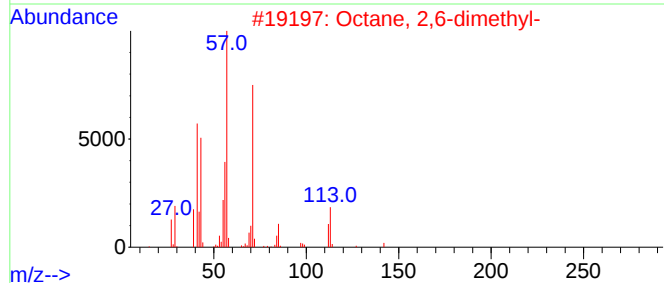
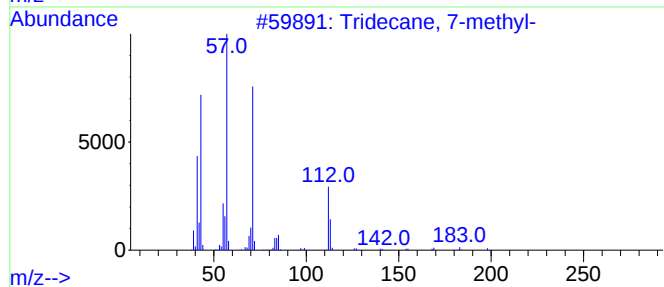
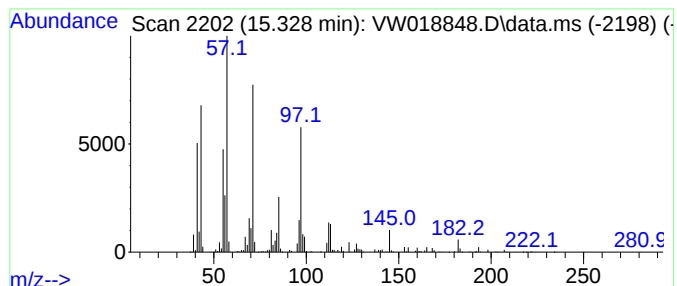
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	20.86 ug/L	1047140	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	58
4		Octane, 2-methyl-	128	C9H20	003221-61-2	52
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

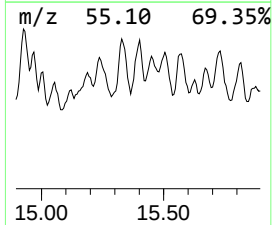
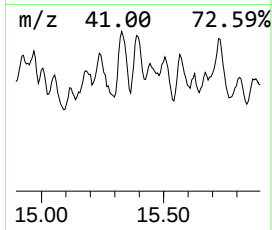
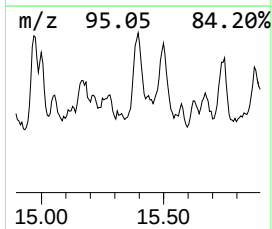
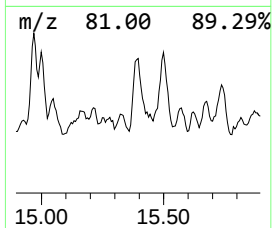
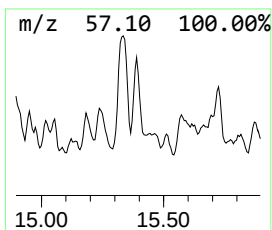
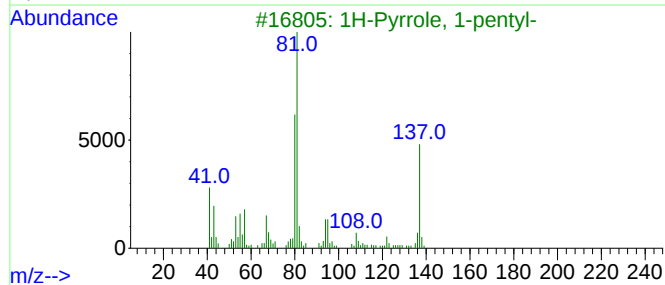
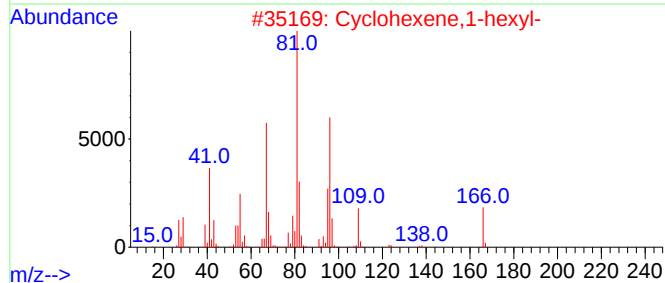
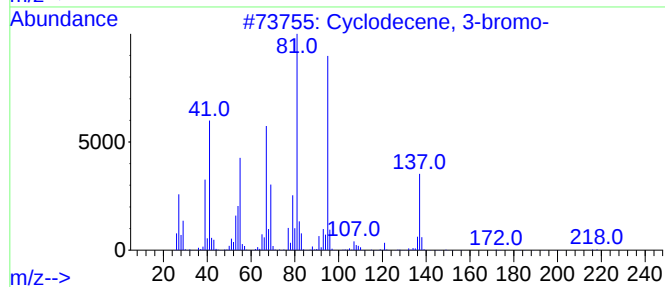
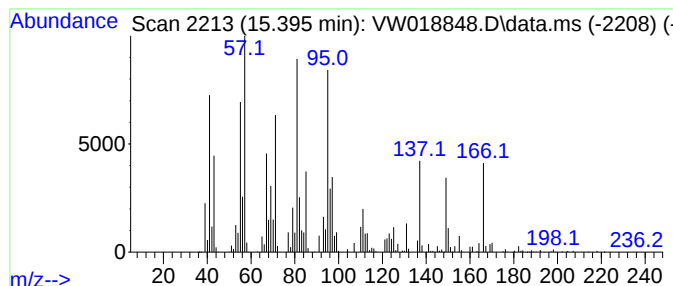
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Quant Title : SFAM01.0

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

Peak Number 33 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	27.19 ug/L	1365340	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	35
2			Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	30
3			1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	18
4			Undecane, 3-cyclohexyl-	238	C17H34	013151-78-5	15
5			Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
Sample : M2177-20
Misc : 3.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG590

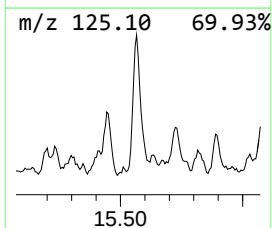
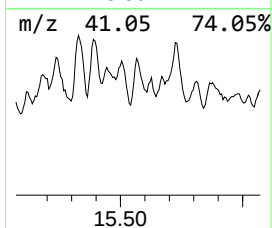
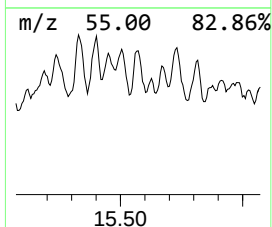
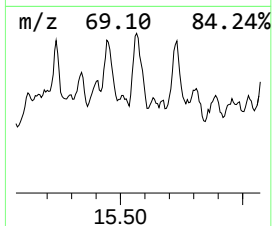
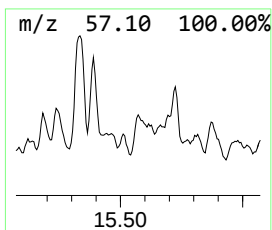
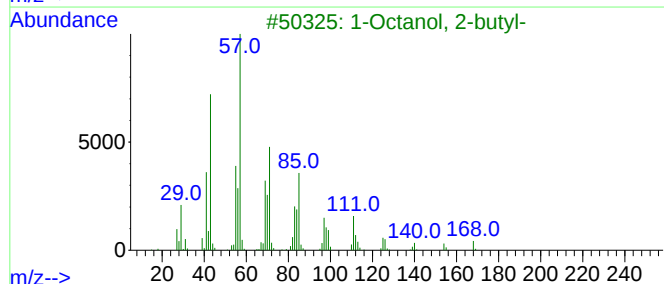
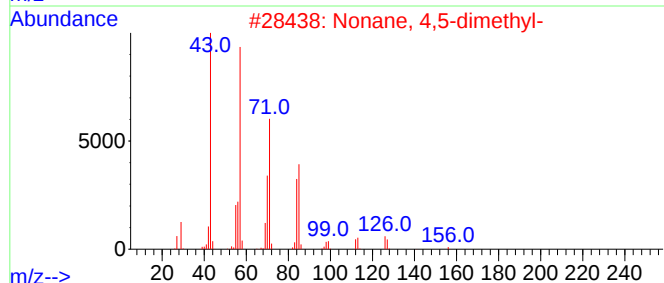
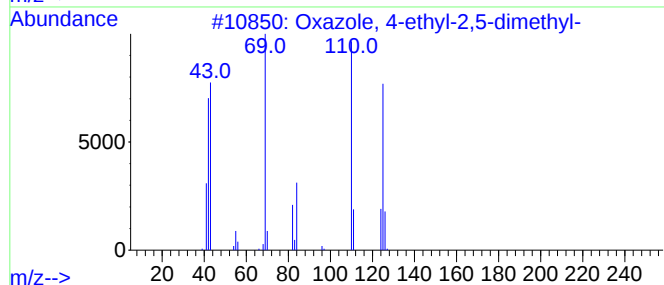
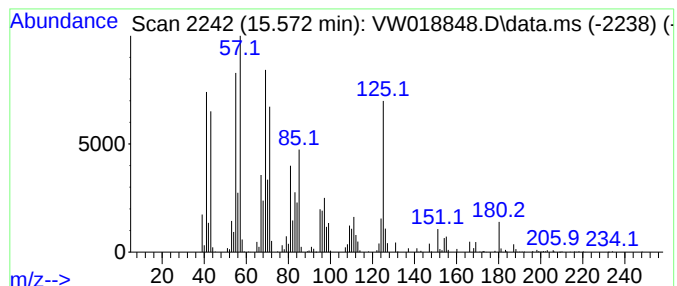
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Quant Title : SFAM01.0

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

Peak Number 34 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	12.86 ug/L	645497	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxazole, 4-ethyl-2,5-dimethyl-	125	C7H11NO	030408-61-8	46
2		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	35
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	25
4		Tridecane	184	C13H28	000629-50-5	25
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018848.D
 Acq On : 29 Apr 2021 16:18
 Operator : SY/VA
 Sample : M2177-20
 Misc : 3.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG590

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.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: C...	11.110	1.8	ug/L	110871	2	11.634	1511620	25.0
(DEL) Alkane: C...	11.286	2.5	ug/L	152531	2	11.634	1511620	25.0
(DEL) Alkane: S...	11.469	6.5	ug/L	395783	2	11.634	1511620	25.0
(DEL) Alkane: C...	11.823	6.5	ug/L	390572	2	11.634	1511620	25.0
(DEL) Alkane: C...	11.975	6.4	ug/L	384270	2	11.634	1511620	25.0
(DEL) Alkane: C...	12.122	12.5	ug/L	757608	2	11.634	1511620	25.0
4H-Imidazol-4-o...	12.189	7.6	ug/L	458636	2	11.634	1511620	25.0
Pentalene, octa...	12.341	44.2	ug/L	2674730	2	11.634	1511620	25.0
(DEL) Alkane: S...	12.451	31.7	ug/L	1918110	2	11.634	1511620	25.0
Furan, 2-ethyl-...	12.560	2.2	ug/L	132127	2	11.634	1511620	25.0
1H-Indene, octa...	12.621	27.1	ug/L	1358310	3	13.560	1255210	25.0
unknown-01	12.865	73.2	ug/L	3672590	3	13.560	1255210	25.0
9-Methylbicyclo...	12.932	78.5	ug/L	3943080	3	13.560	1255210	25.0
(DEL) Alkane: S...	13.073	15.6	ug/L	781701	3	13.560	1255210	25.0
(DEL) Alkane: C...	13.121	13.0	ug/L	651949	3	13.560	1255210	25.0
unknown-02	13.182	28.3	ug/L	1420080	3	13.560	1255210	25.0
unknown-03	13.262	16.3	ug/L	819319	3	13.560	1255210	25.0
(DEL) Alkane: S...	13.292	23.2	ug/L	1165410	3	13.560	1255210	25.0
Heptanedioic ac...	13.378	8.8	ug/L	443782	3	13.560	1255210	25.0
unknown-04	13.426	38.4	ug/L	1927870	3	13.560	1255210	25.0
(DEL) Alkane: C...	13.475	25.0	ug/L	1255210	3	13.560	1255210	25.0
(DEL) Alkane: C...	13.737	13.6	ug/L	684642	3	13.560	1255210	25.0
(DEL) Alkane: S...	14.194	11.3	ug/L	567126	3	13.560	1255210	25.0
(DEL) Alkane: C...	14.262	23.3	ug/L	1170050	3	13.560	1255210	25.0
trans-Decalin, ...	14.383	44.6	ug/L	2240330	3	13.560	1255210	25.0
1H-Pyrazole-1-c...	14.487	5.9	ug/L	295615	3	13.560	1255210	25.0
Naphthalene, de...	14.548	33.3	ug/L	1673680	3	13.560	1255210	25.0
Oxalic acid, bi...	14.658	7.4	ug/L	369597	3	13.560	1255210	25.0
(DEL) Alkane: S...	14.737	9.7	ug/L	488698	3	13.560	1255210	25.0
(DEL) Alkane: S...	14.847	29.9	ug/L	1502730	3	13.560	1255210	25.0
(DEL) Alkane: S...	15.328	20.9	ug/L	1047140	3	13.560	1255210	25.0
unknown-05	15.395	27.2	ug/L	1365340	3	13.560	1255210	25.0
unknown-06	15.572	12.9	ug/L	645497	3	13.560	1255210	25.0