

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018690.D
 Acq On : 20 Apr 2021 14:48
 Operator : SY/VA
 Sample : M2065-11
 Misc : 3.36G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG564

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: VW018690.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.166	39	43	49	rVB	7884	10934	2.46%	0.302%
2	2.215	49	51	53	rBV3	1747	1969	0.44%	0.054%
3	2.355	70	74	80	rVB	14478	24119	5.42%	0.667%
4	2.891	157	162	172	rVB	11612	23855	5.36%	0.660%
5	3.001	176	180	181	rBV2	407	515	0.12%	0.014%
6	3.404	239	246	253	rBV3	940	2107	0.47%	0.058%
7	3.465	255	256	258	rBV	582	463	0.10%	0.013%
8	3.635	281	284	286	rVB	409	393	0.09%	0.011%
9	3.757	302	304	307	rBV2	538	625	0.14%	0.017%
10	3.867	317	322	325	rBV4	497	766	0.17%	0.021%
11	3.910	325	329	330	rBV2	462	473	0.11%	0.013%
12	4.031	339	349	358	rBV2	16033	43216	9.71%	1.195%
13	4.135	358	366	373	rBV2	3406	9622	2.16%	0.266%
14	4.220	378	380	386	rVB6	910	1359	0.31%	0.038%
15	4.391	397	408	420	rBV5	4538	15603	3.51%	0.432%
16	4.605	441	443	447	rVB	444	534	0.12%	0.015%
17	4.818	475	478	480	rVV	346	347	0.08%	0.010%
18	4.922	484	495	506	rVB4	6425	19439	4.37%	0.538%
19	5.031	511	513	517	rVB3	317	368	0.08%	0.010%
20	5.281	552	554	557	rBV	327	438	0.10%	0.012%
21	5.458	581	583	587	rVB3	363	412	0.09%	0.011%
22	5.598	604	606	610	rBV2	259	351	0.08%	0.010%
23	5.696	618	622	627	rVB3	316	587	0.13%	0.016%
24	5.958	653	665	674	rVV5	3223	10326	2.32%	0.286%
25	6.232	707	710	714	rBV2	395	688	0.15%	0.019%
26	6.379	732	734	738	rVB4	360	340	0.08%	0.009%
27	6.872	810	815	816	rBV2	701	768	0.17%	0.021%
28	6.921	822	823	827	rVB2	557	491	0.11%	0.014%
29	6.964	827	830	832	rBV	661	673	0.15%	0.019%
30	7.007	832	837	841	rVB5	703	1474	0.33%	0.041%
31	7.092	841	851	852	rBV	7083	12495	2.81%	0.346%
32	7.269	879	880	883	rVB2	716	562	0.13%	0.016%
33	7.299	883	885	887	rBV	433	342	0.08%	0.009%
34	7.372	895	897	901	rBV3	393	566	0.13%	0.016%
35	7.555	924	927	931	rBV4	373	491	0.11%	0.014%
36	7.653	933	943	955	rBV	28185	69737	15.67%	1.929%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
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37	7.805	966	968	971	rBV2	294	390	0.09%	0.011%
38	7.878	979	980	983	rBV2	432	393	0.09%	0.011%
39	7.952	990	992	994	rBV2	1082	1080	0.24%	0.030%
40	8.031	1000	1005	1012	rVB7	1390	3523	0.79%	0.097%
41	8.275	1031	1045	1061	rBV3	62102	219665	49.36%	6.077%
42	8.433	1067	1071	1073	rVV3	1494	2465	0.55%	0.068%
43	8.488	1073	1080	1091	rVV	4118	11458	2.57%	0.317%
44	8.573	1091	1094	1102	rVB5	1753	3033	0.68%	0.084%
45	8.646	1102	1106	1109	rBV3	308	473	0.11%	0.013%
46	8.714	1113	1117	1120	rBV4	344	685	0.15%	0.019%
47	8.793	1127	1130	1131	rBV2	360	440	0.10%	0.012%
48	8.848	1131	1139	1149	rVB	56249	114998	25.84%	3.181%
49	9.006	1164	1165	1167	rBV	449	387	0.09%	0.011%
50	9.073	1171	1176	1183	rVB3	1995	4498	1.01%	0.124%
51	9.134	1183	1186	1187	rBV	438	500	0.11%	0.014%
52	9.153	1187	1189	1194	rVB3	849	927	0.21%	0.026%
53	9.281	1199	1210	1215	rBV	37369	82816	18.61%	2.291%
54	9.335	1216	1219	1225	rVB3	13472	23106	5.19%	0.639%
55	9.470	1237	1241	1246	rVB4	831	1633	0.37%	0.045%
56	9.512	1246	1248	1250	rBV2	780	724	0.16%	0.020%
57	9.616	1254	1265	1272	rBV6	4761	12598	2.83%	0.349%
58	9.683	1274	1276	1279	rVV2	421	414	0.09%	0.011%
59	9.756	1282	1288	1297	rVB6	6750	14575	3.28%	0.403%
60	9.890	1304	1310	1316	rBV2	6512	13505	3.03%	0.374%
61	9.939	1316	1318	1323	rVB5	1625	2758	0.62%	0.076%
62	9.982	1323	1325	1328	rVB4	322	337	0.08%	0.009%
63	10.043	1329	1335	1338	rBV3	6169	11923	2.68%	0.330%
64	10.219	1359	1364	1365	rBV5	3677	5854	1.32%	0.162%
65	10.250	1365	1369	1375	rVV3	7053	13210	2.97%	0.365%
66	10.323	1375	1381	1393	rVV	59712	111421	25.04%	3.082%
67	10.451	1399	1402	1403	rBV3	1172	1240	0.28%	0.034%
68	10.500	1404	1410	1419	rVB4	4411	11411	2.56%	0.316%
69	10.585	1419	1424	1426	rBV3	5965	9345	2.10%	0.259%
70	10.622	1427	1430	1434	rVB4	4601	6891	1.55%	0.191%
71	10.671	1434	1438	1439	rBV4	2271	3278	0.74%	0.091%
72	10.707	1439	1444	1449	rVB2	19408	34734	7.81%	0.961%
73	10.780	1449	1456	1458	rBV5	4354	9611	2.16%	0.266%
74	10.847	1464	1467	1472	rVB4	4136	5981	1.34%	0.165%
75	10.933	1474	1481	1488	rVV3	32236	65314	14.68%	1.807%
76	11.036	1493	1498	1502	rBV2	12336	24654	5.54%	0.682%

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77	11.116	1506	1511	1515	rBV4	6691	11103	2.50%	0.307%
78	11.177	1518	1521	1525	rVV	9700	14112	3.17%	0.390%
79	11.231	1525	1530	1535	rVB2	28587	50277	11.30%	1.391%
80	11.286	1535	1539	1543	rBV4	7482	10889	2.45%	0.301%
81	11.335	1543	1547	1551	rBV3	15651	23615	5.31%	0.653%
82	11.439	1559	1564	1572	rVB2	28126	50307	11.31%	1.392%
83	11.634	1590	1596	1604	rVB	60687	104813	23.55%	2.899%
84	11.768	1615	1618	1621	rBV3	6938	7416	1.67%	0.205%
85	11.817	1621	1626	1631	rBV5	17216	32724	7.35%	0.905%
86	11.878	1631	1636	1640	rBV	33678	59153	13.29%	1.636%
87	11.975	1647	1652	1655	rBV4	17462	33403	7.51%	0.924%
88	12.134	1671	1678	1685	rBV4	51199	138713	31.17%	3.837%
89	12.250	1694	1697	1702	rVB	96317	147952	33.25%	4.093%
90	12.359	1702	1715	1723	rBV3	137229	444988	100.00%	12.310%
91	12.615	1752	1757	1762	rVB5	42310	84473	18.98%	2.337%
92	12.695	1763	1770	1775	rBV4	68068	165964	37.30%	4.591%
93	12.780	1781	1784	1790	rVB2	85176	142492	32.02%	3.942%
94	12.865	1790	1798	1802	rBV6	71882	181986	40.90%	5.034%
95	12.938	1804	1810	1818	rBV8	80360	259519	58.32%	7.179%
96	13.127	1837	1841	1844	rBV3	82252	127667	28.69%	3.532%
97	13.292	1865	1868	1872	rVB	76902	95825	21.53%	2.651%
98	14.261	2024	2027	2033	rVB4	63278	99600	22.38%	2.755%
99	14.383	2044	2047	2051	rVB2	91326	120701	27.12%	3.339%
100	15.322	2198	2201	2208	rVB2	67645	117508	26.41%	3.251%

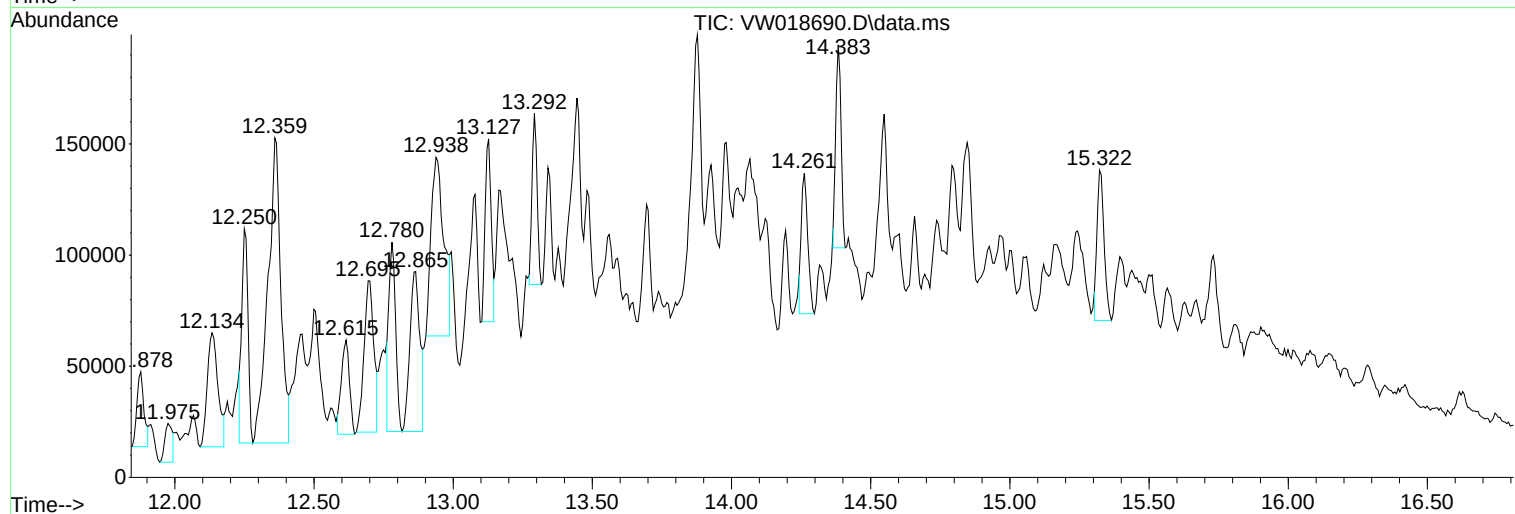
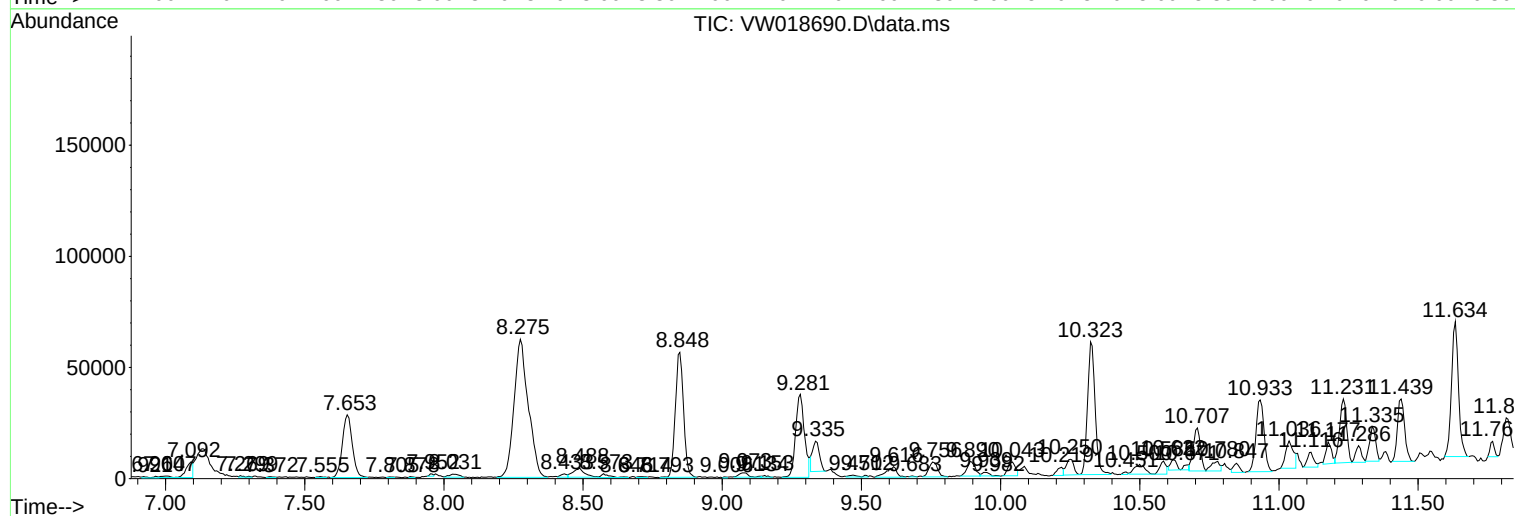
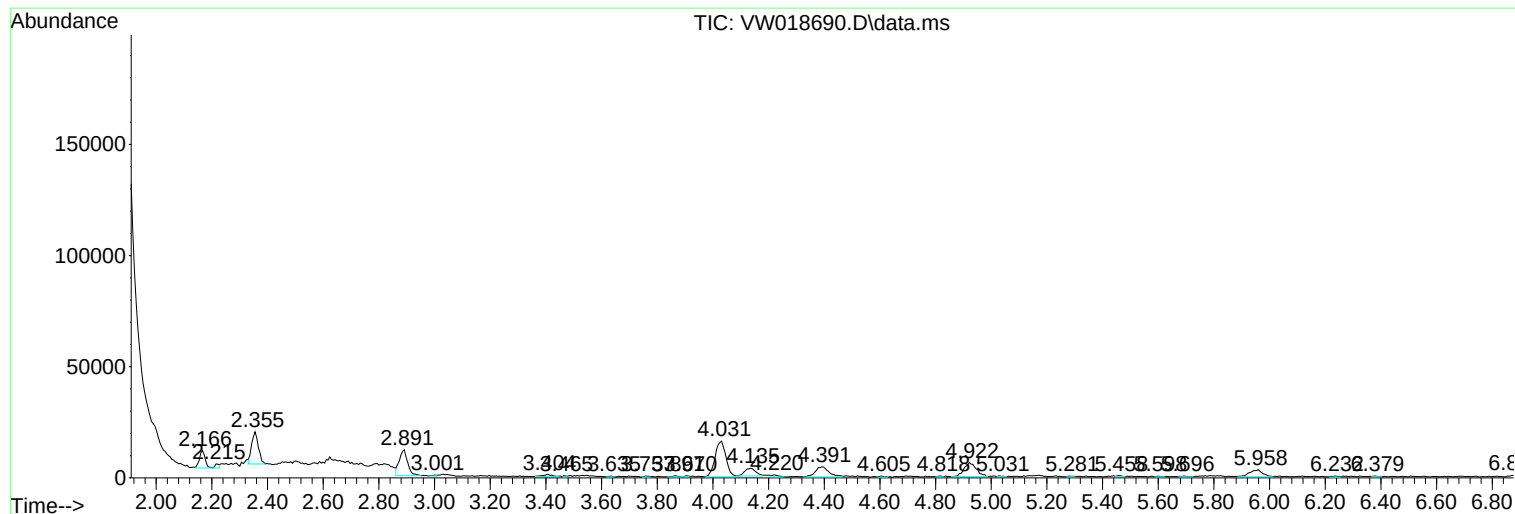
Sum of corrected areas: 3614896

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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



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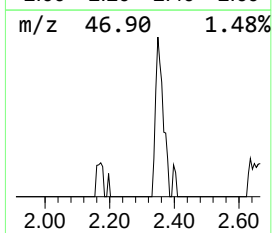
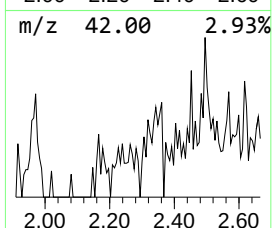
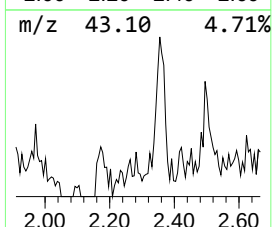
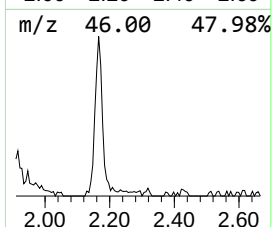
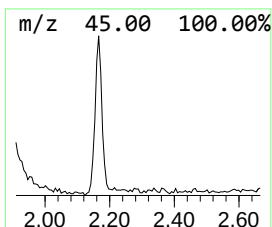
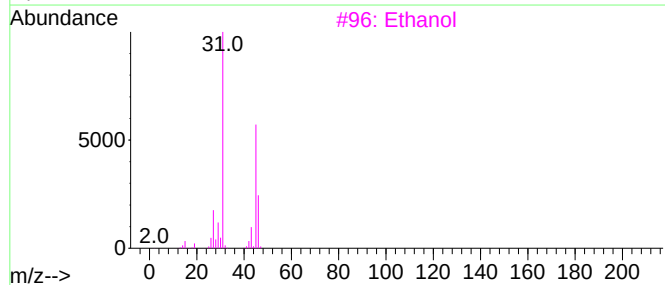
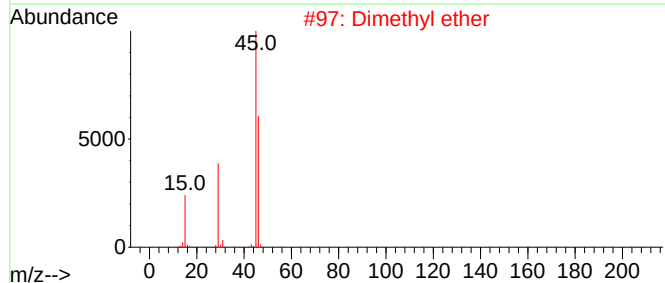
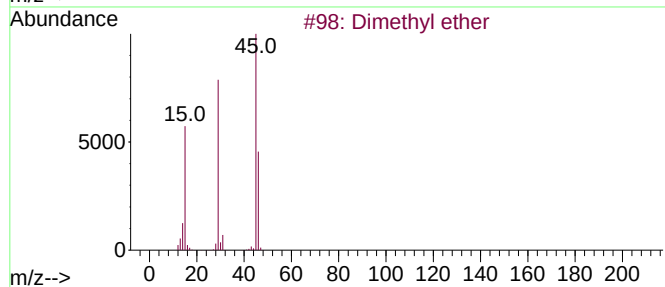
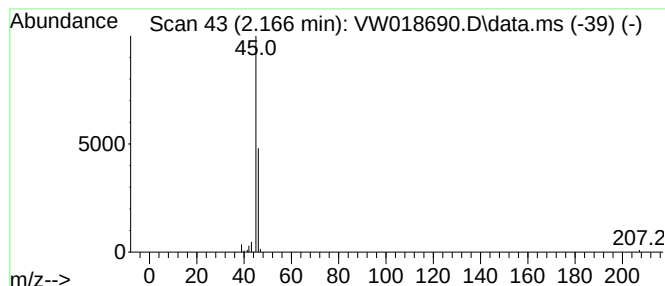
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.166	2.38 ug/L	10934	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	9
2			Dimethyl ether	46	C2H6O	000115-10-6	9
3			Ethanol	46	C2H6O	000064-17-5	7
4			Ethanol	46	C2H6O	000064-17-5	7
5			Ethanol	46	C2H6O	000064-17-5	4



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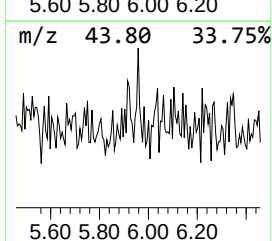
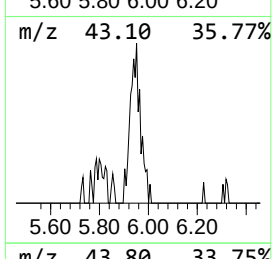
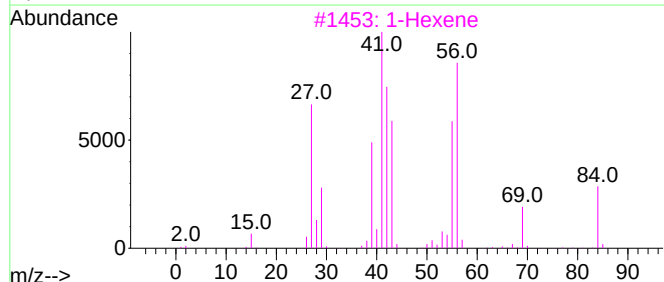
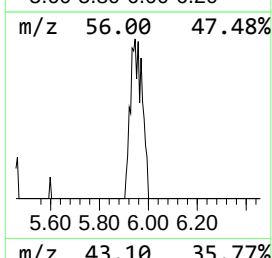
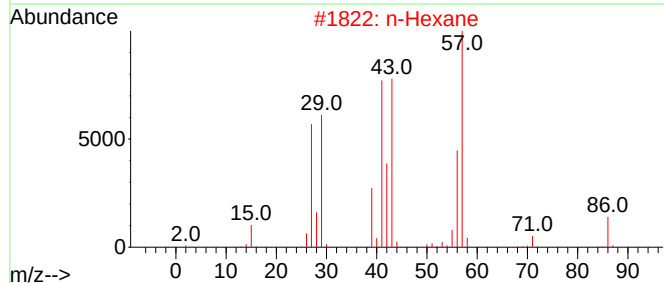
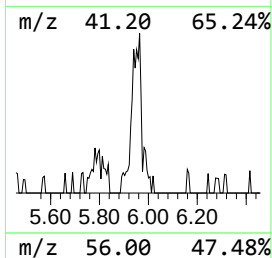
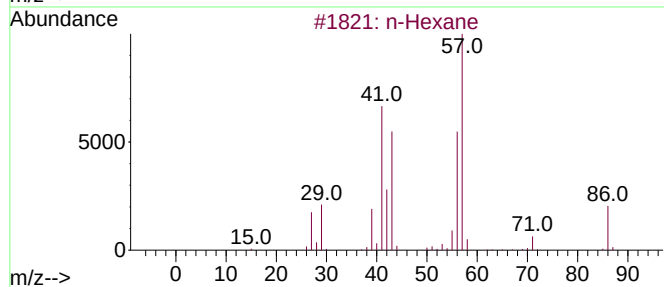
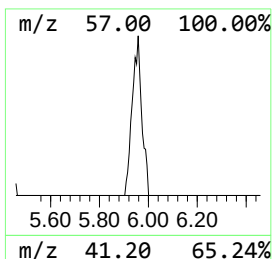
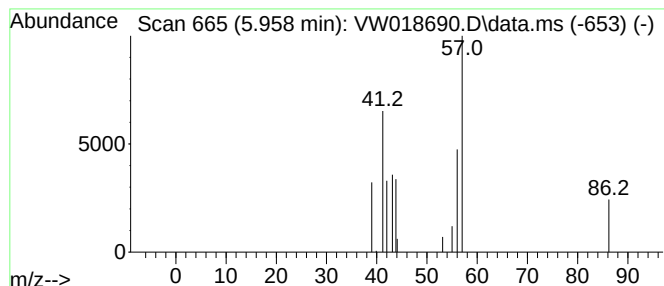
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.958	2.24 ug/L	10326	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	59
2		n-Hexane	86	C6H14	000110-54-3	58
3		1-Hexene	84	C6H12	000592-41-6	23
4		Tetrahydropyran	86	C5H10O	000142-68-7	9
5		n-Hexane	86	C6H14	000110-54-3	9



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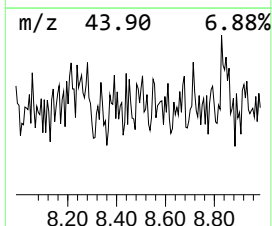
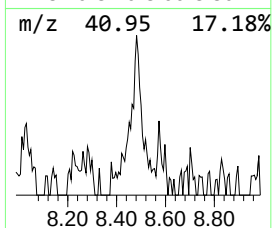
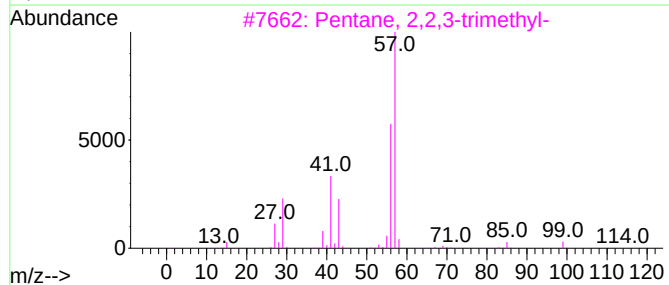
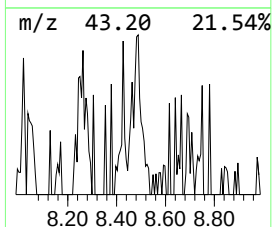
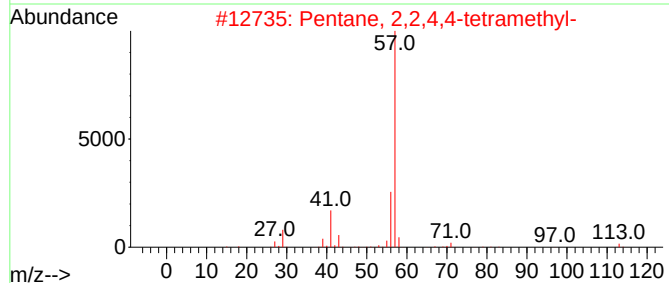
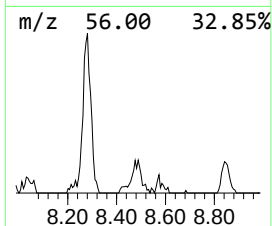
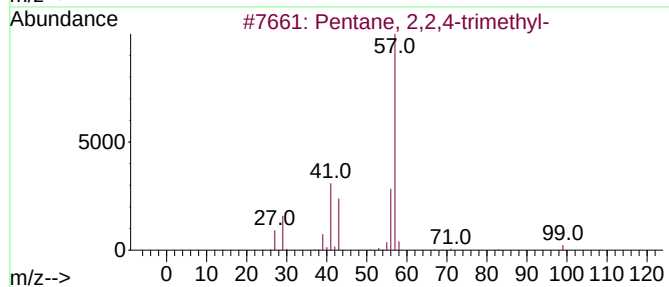
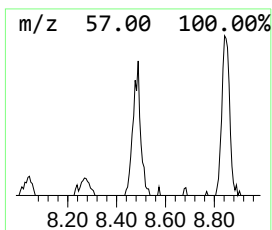
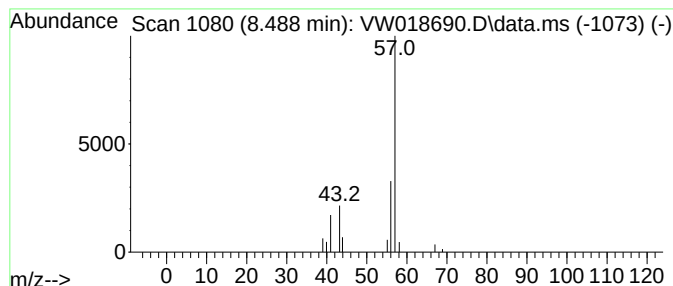
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.488	2.49 ug/L	11458	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	9
2		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	9
3		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	9
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	9
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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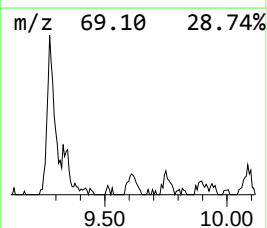
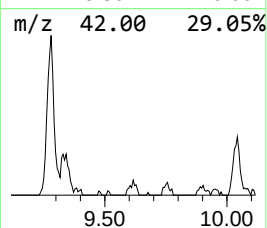
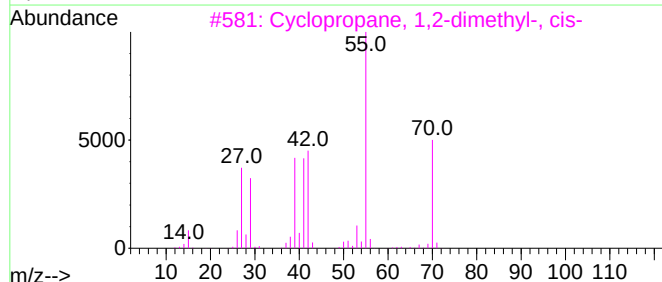
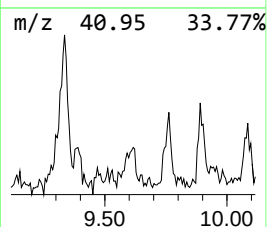
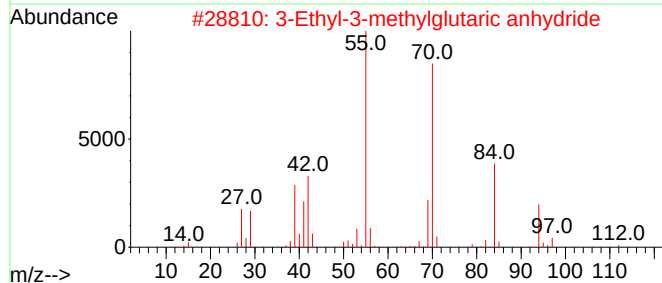
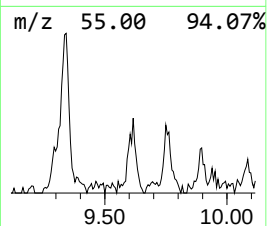
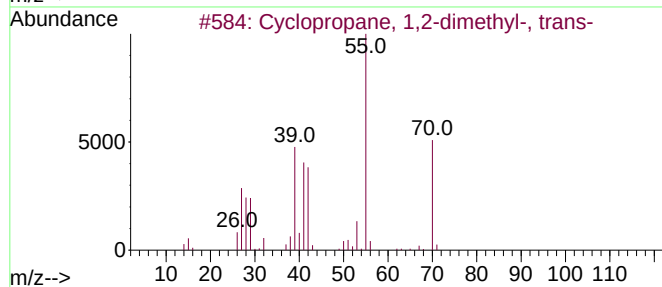
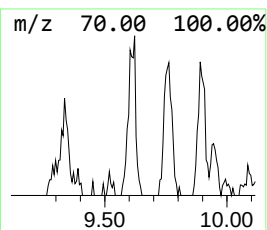
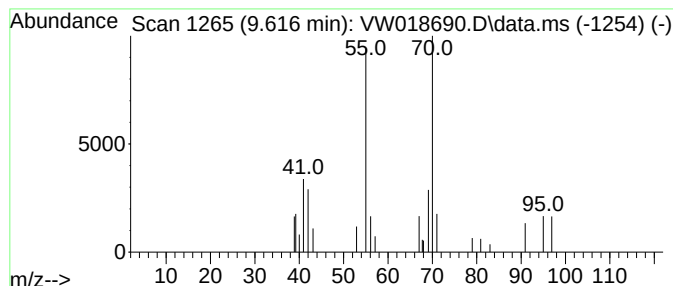
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic9.616 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	2.74 ug/L	12598	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	52
2			3-Ethyl-3-methylglutaric anhydride	156	C8H12O3	006970-57-6	45
3			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	40
4			Isopropylcyclobutane	98	C7H14	000872-56-0	33
5			3,3-Dimethyl-1,2-epoxybutane	100	C6H12O	002245-30-9	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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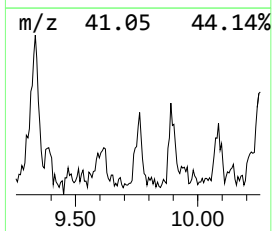
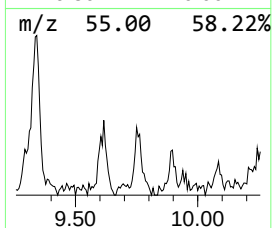
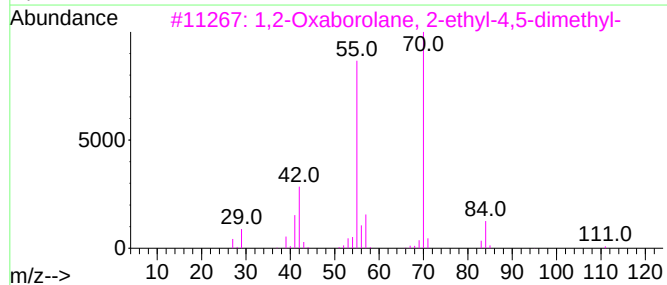
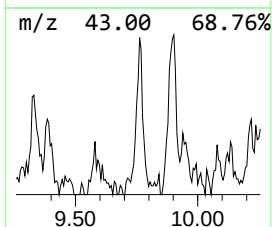
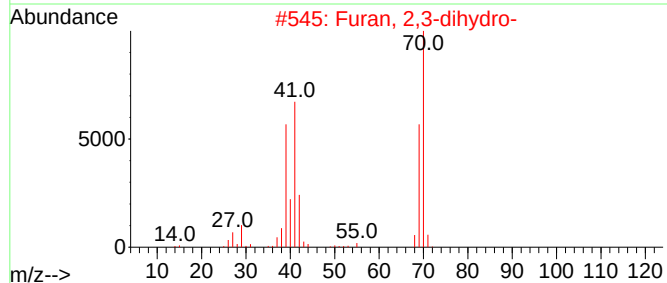
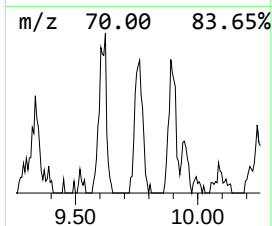
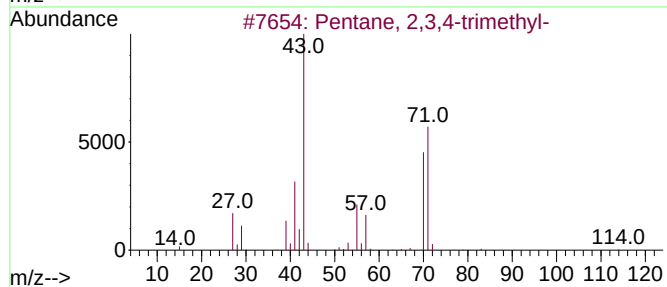
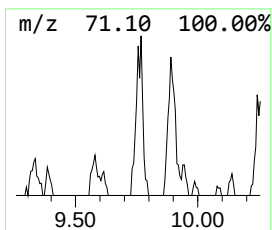
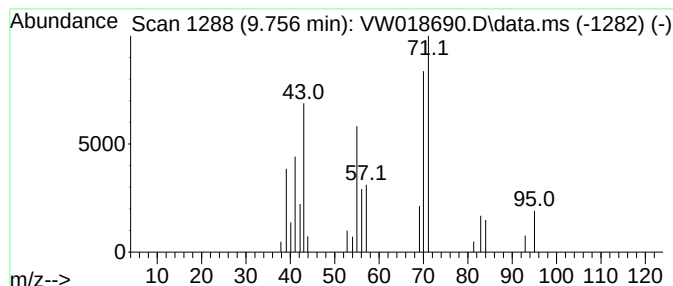
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	3.17 ug/L	14575	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
2	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	38
3	1,2-Oxaborolane, 2-ethyl-4,5-dim...	126	C7H15BO	074685-45-3	25
4	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	25
5	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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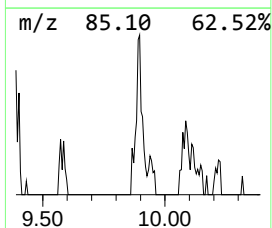
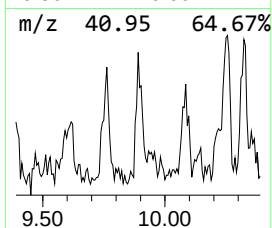
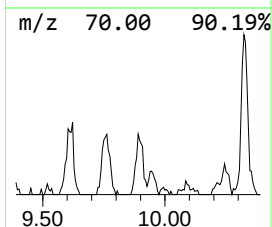
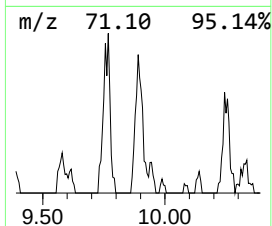
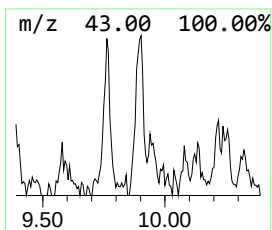
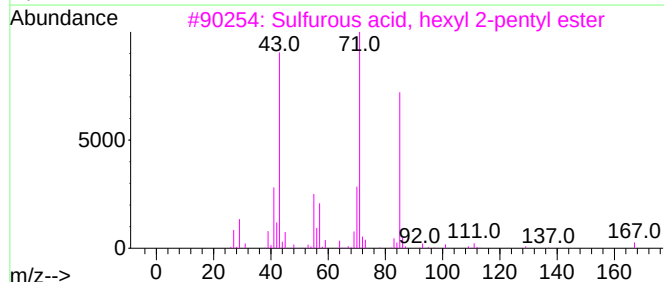
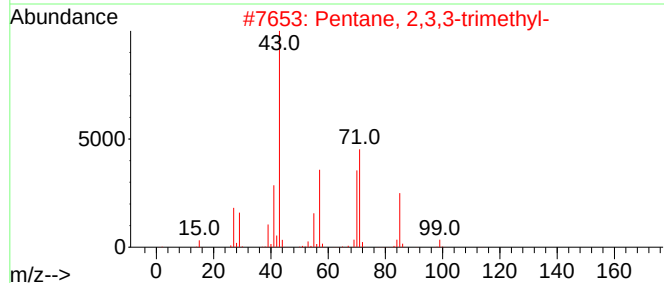
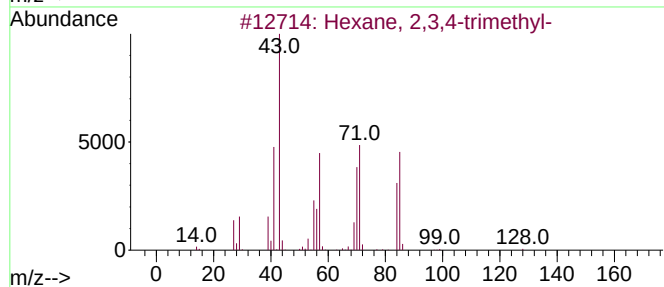
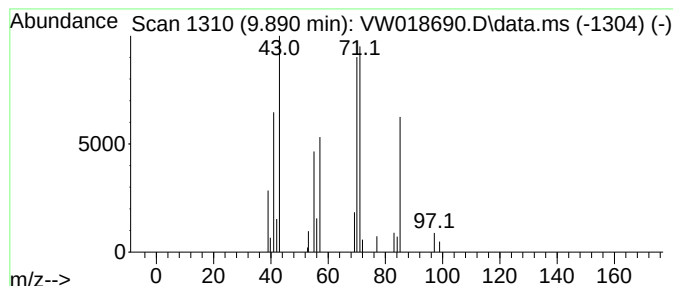
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	2.94 ug/L	13505	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	56
3			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	45
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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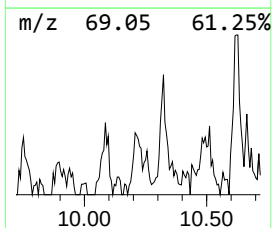
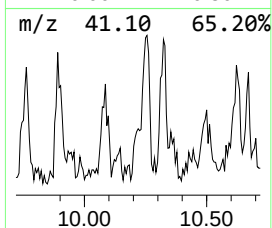
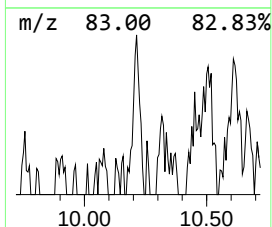
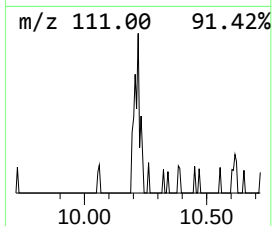
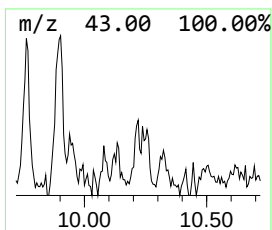
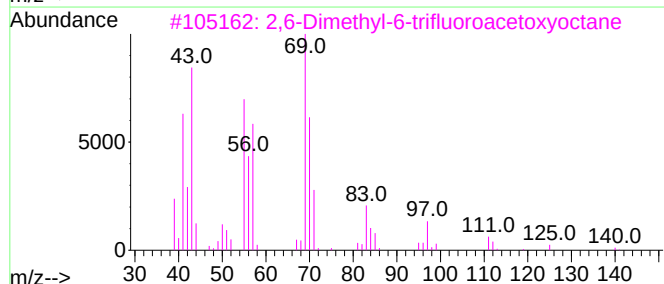
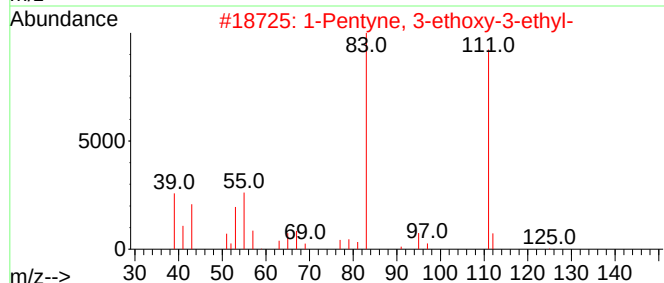
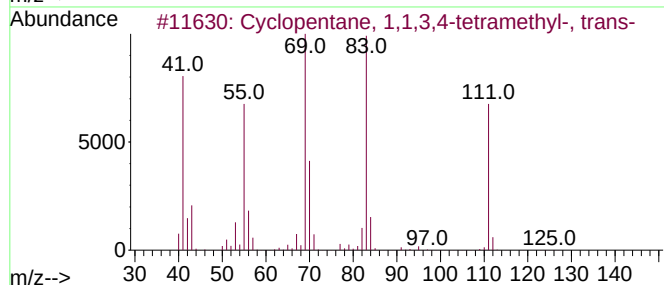
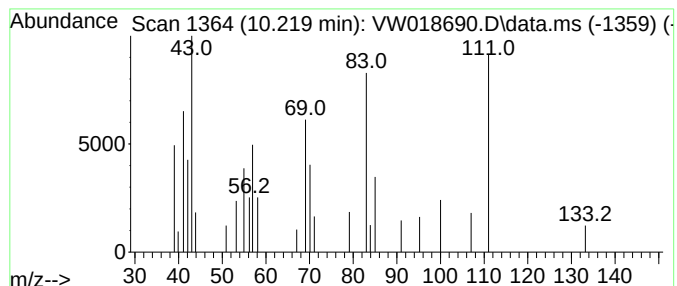
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic10.219 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.219	1.27 ug/L	5854	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
2			1-Pentyne, 3-ethoxy-3-ethyl-	140	C9H16O	053966-56-6	38
3			2,6-Dimethyl-6-trifluoroacetoxy...	254	C12H21F3O2	061986-67-2	35
4			Octadecane, 1-(ethenyl)-	296	C20H40O	000930-02-9	32
5			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

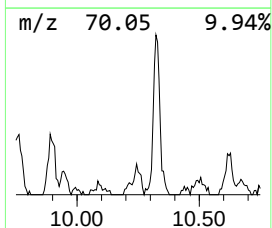
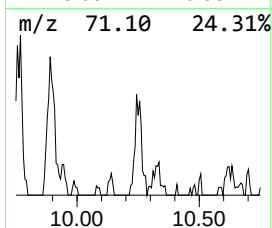
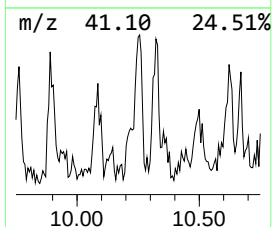
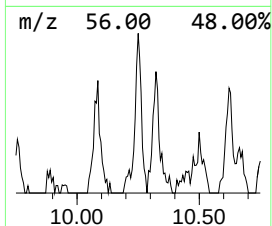
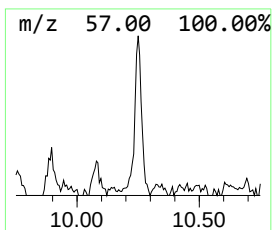
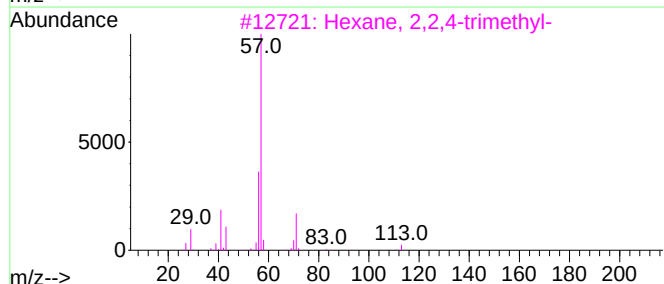
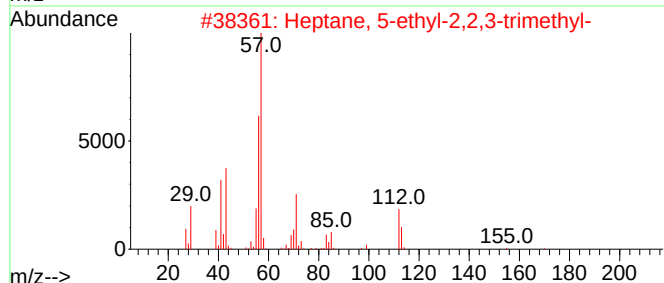
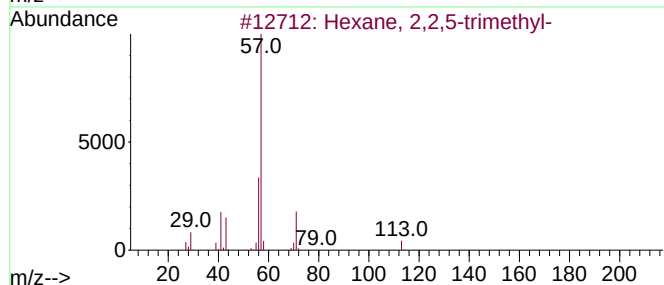
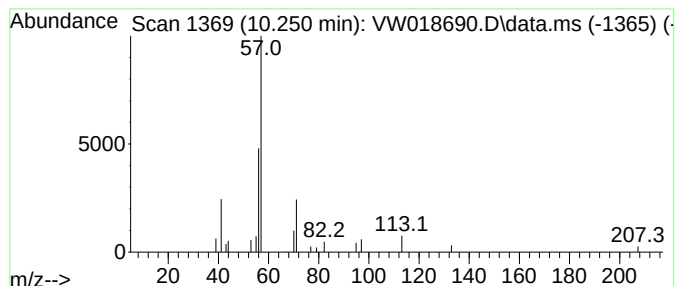
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.250	3.15 ug/L	13210	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	45
2	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	39
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	39
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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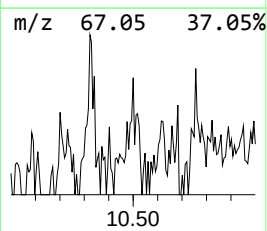
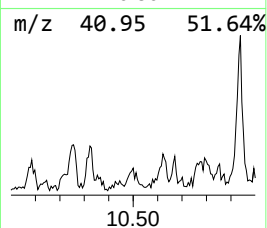
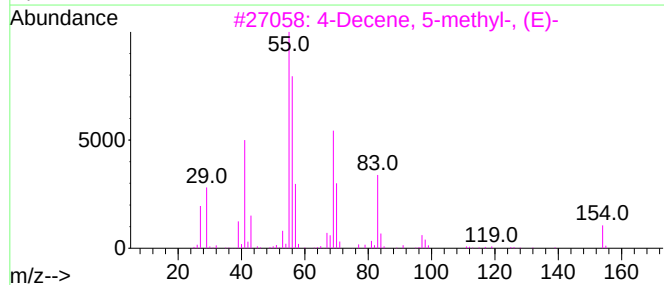
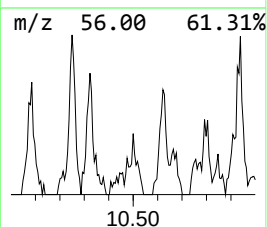
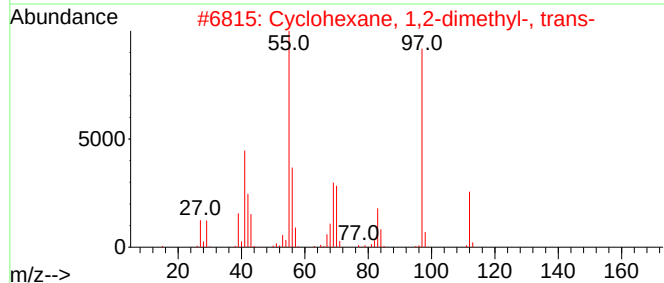
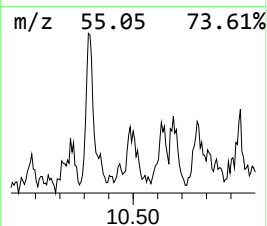
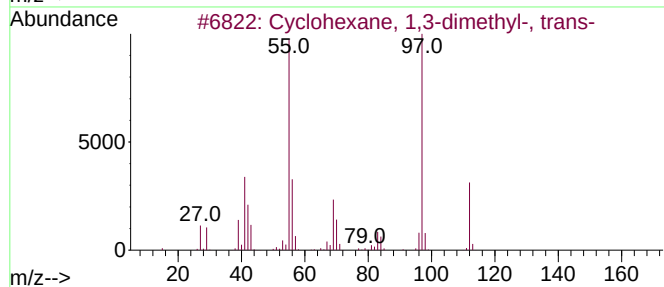
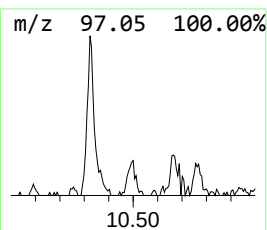
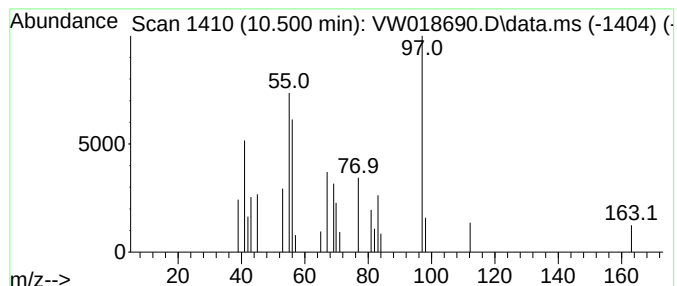
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic10.500 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	2.72 ug/L	11411	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	35
3			4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	35
4			Cycloheptane, methyl-	112	C8H16	004126-78-7	35
5			Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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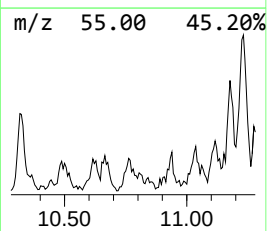
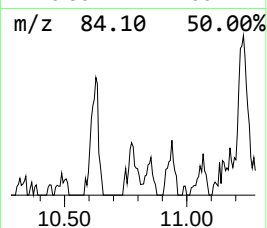
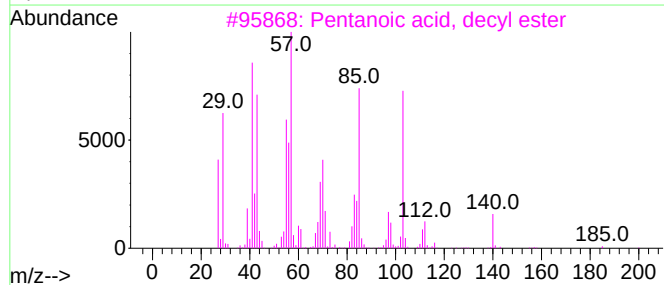
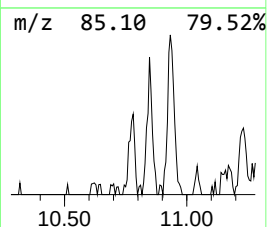
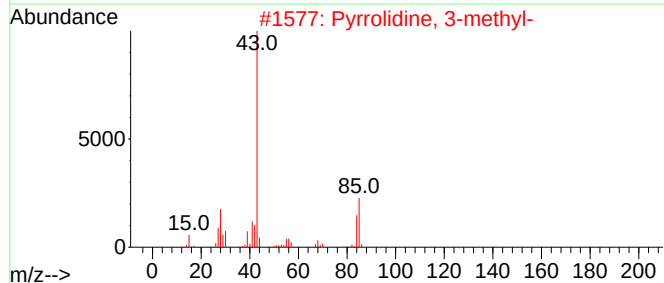
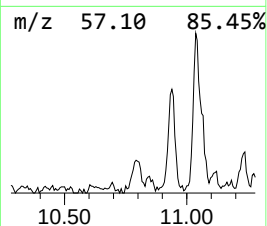
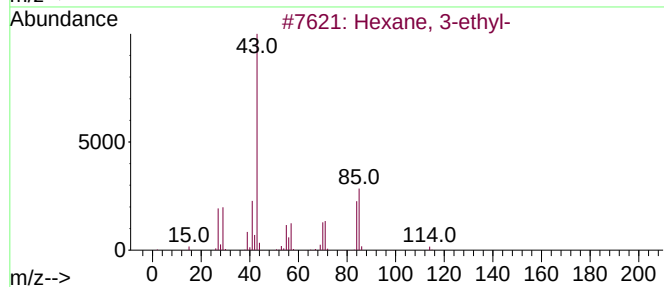
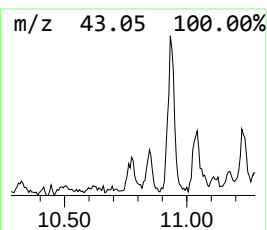
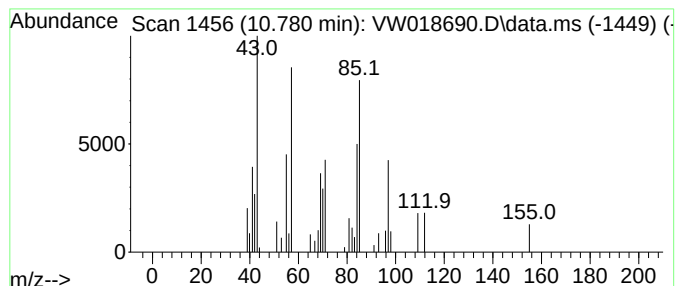
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	2.29 ug/L	9611	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	40
2			Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	35
3			Pentanoic acid, decyl ester	242	C15H30O2	005454-12-6	32
4			6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	1000143-49-8	32
5			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

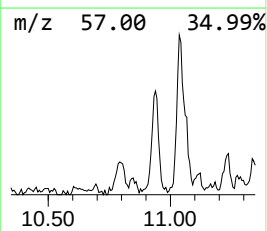
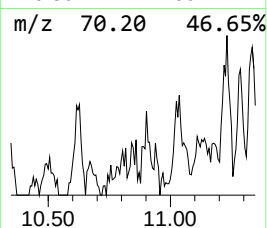
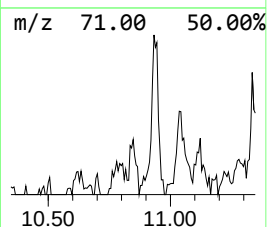
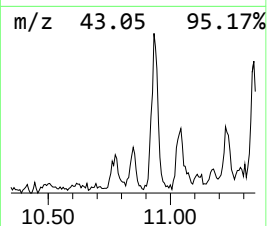
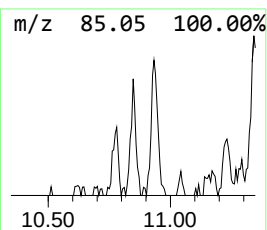
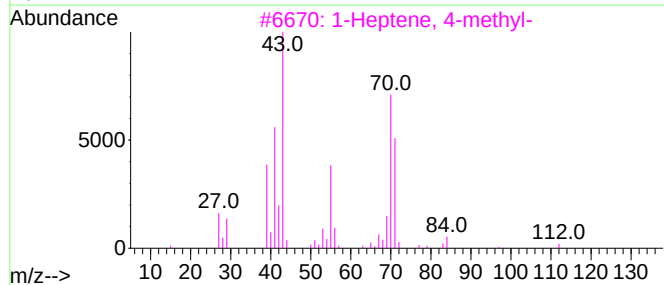
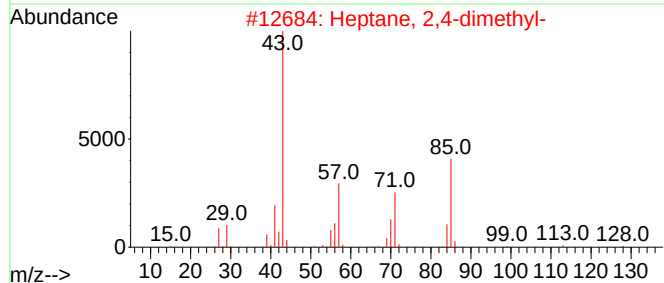
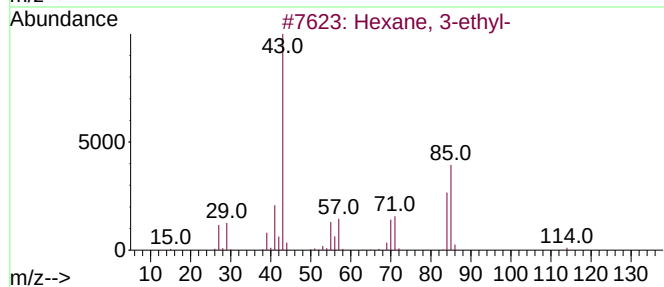
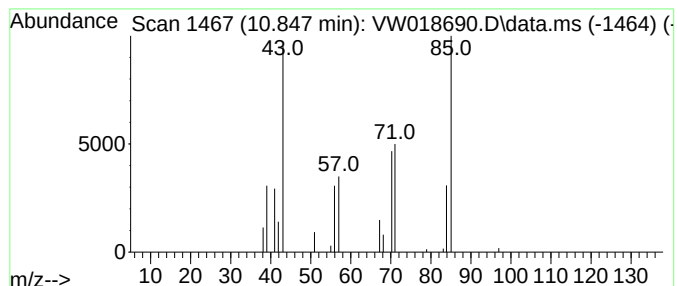
Instrument :
MSVOA_W
ClientSampleId :
BG564

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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.847	1.43 ug/L	5981	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	36
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	36
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	25
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	17
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

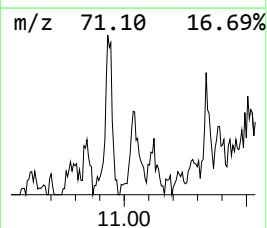
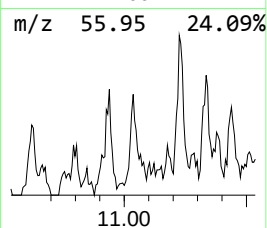
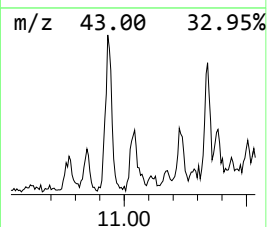
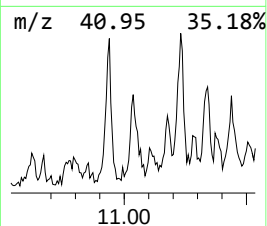
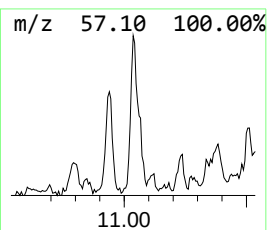
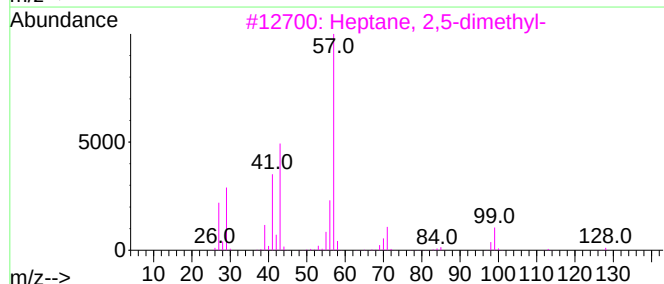
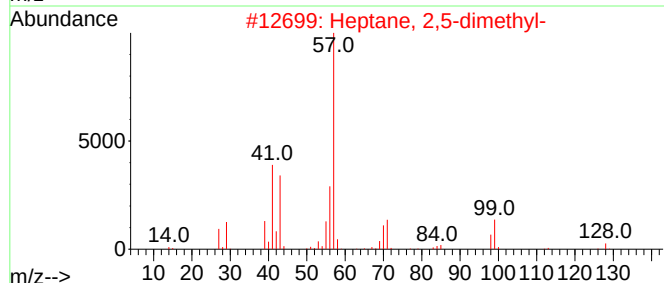
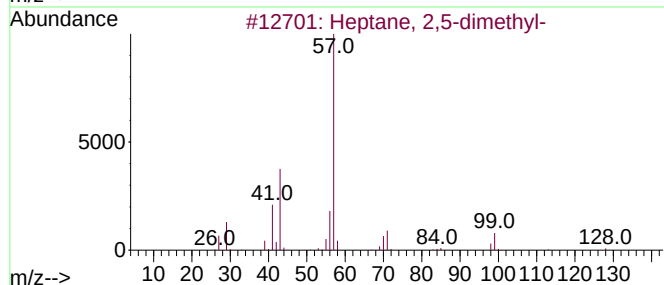
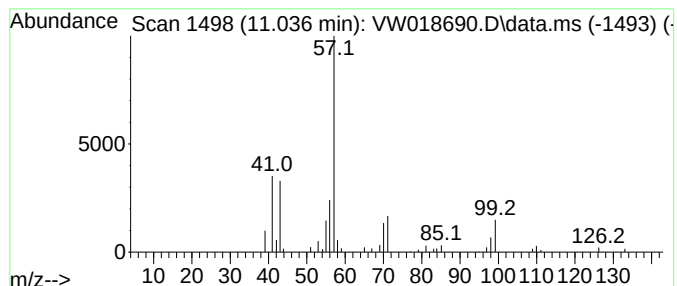
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.036	5.88 ug/L	24654	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	72
2	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	72
3	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	72
4	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	64
5	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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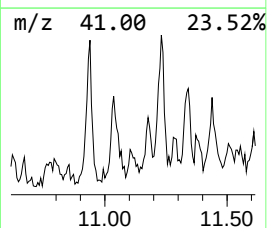
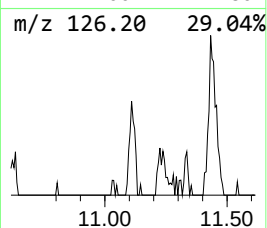
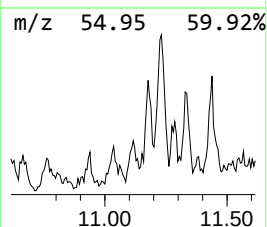
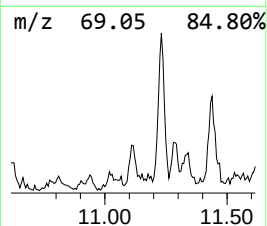
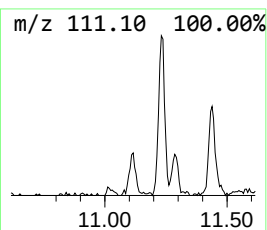
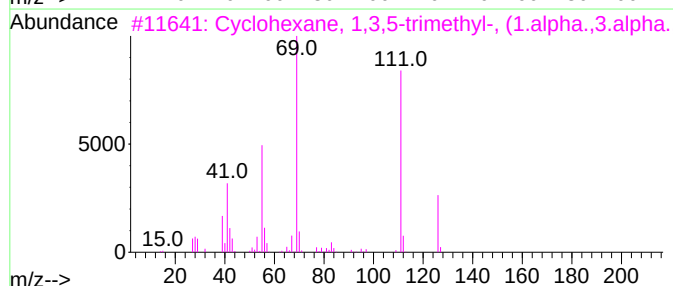
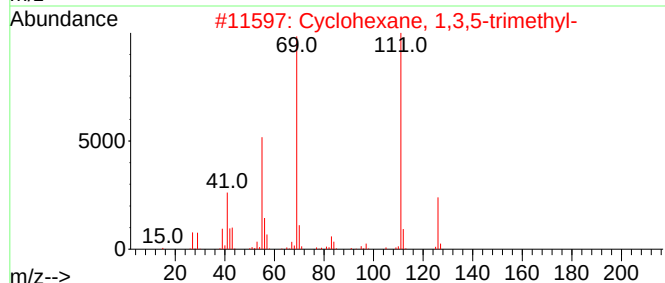
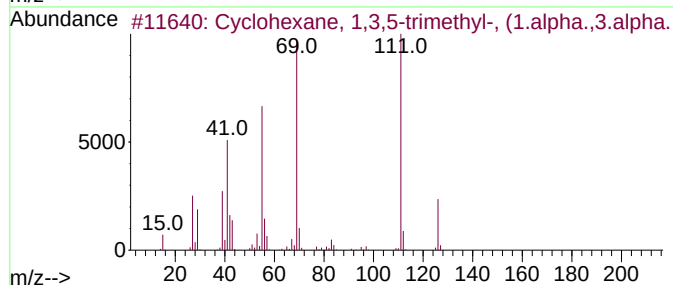
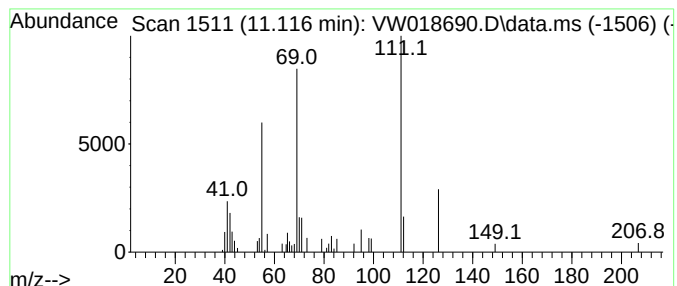
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic11.116 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	2.65 ug/L	11103	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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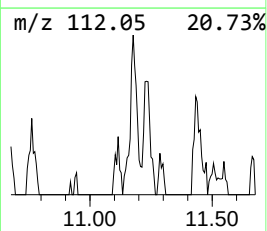
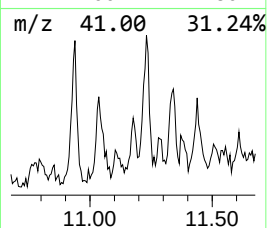
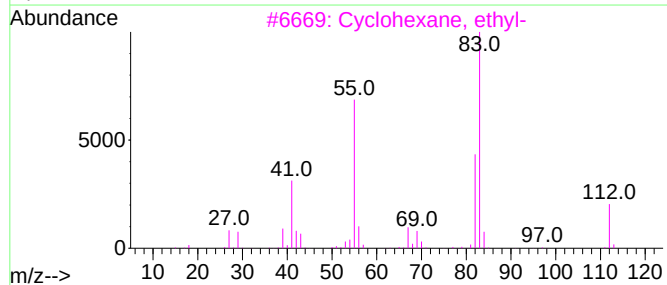
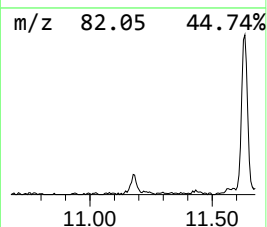
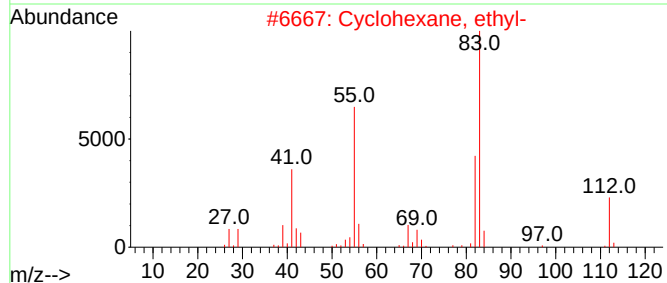
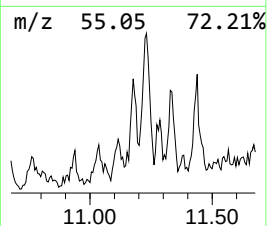
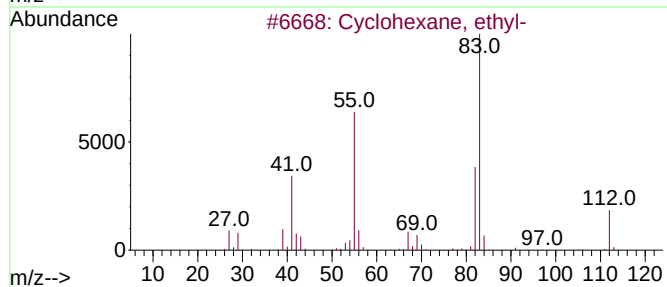
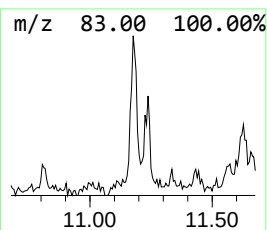
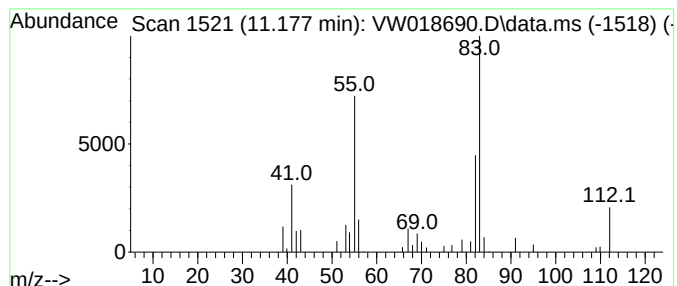
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.177 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	3.37 ug/L	14112	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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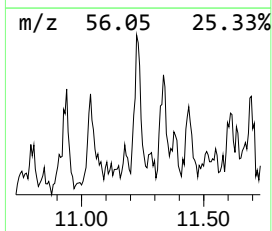
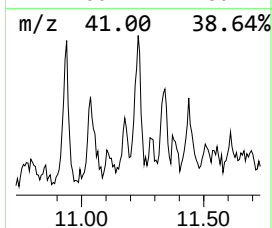
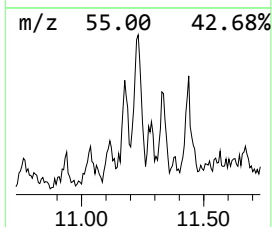
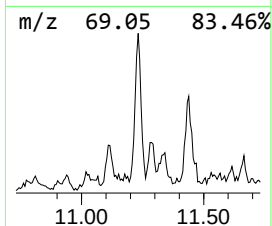
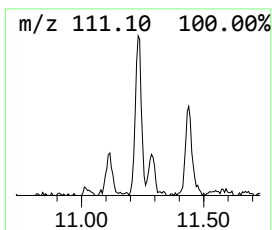
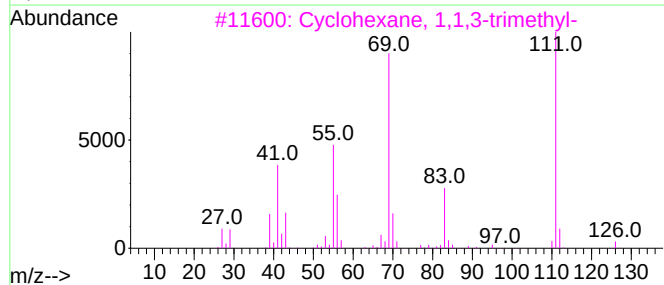
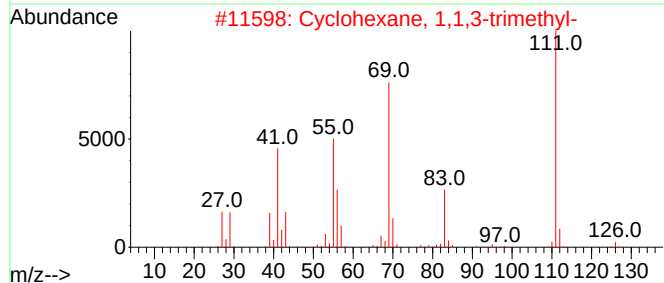
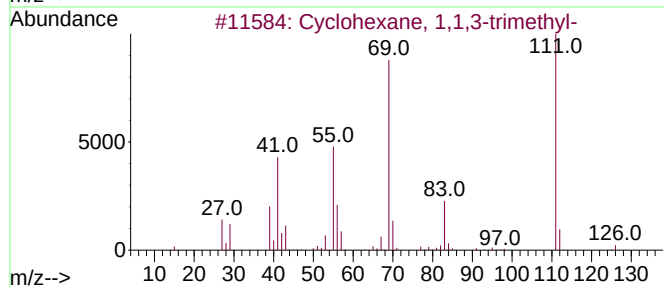
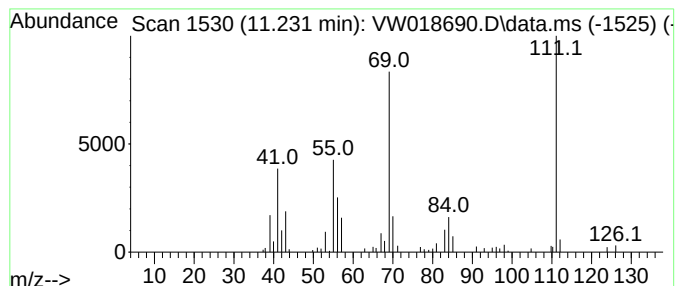
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.231 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	11.99 ug/L	50277	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5		Cyclooctane, butyl-	168	C12H24	016538-93-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

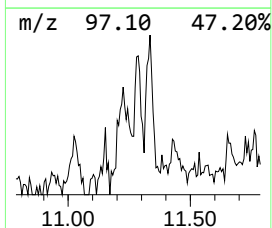
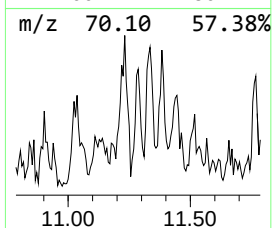
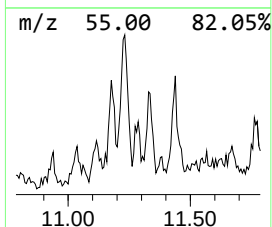
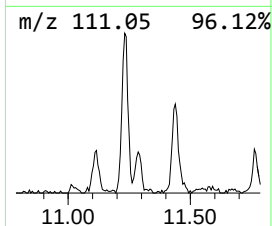
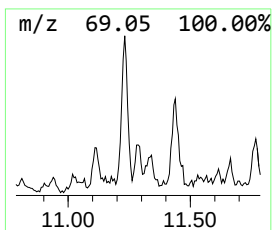
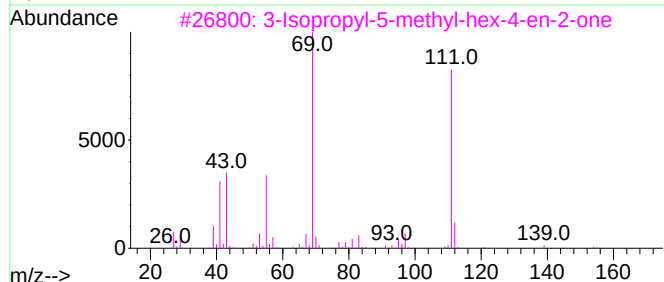
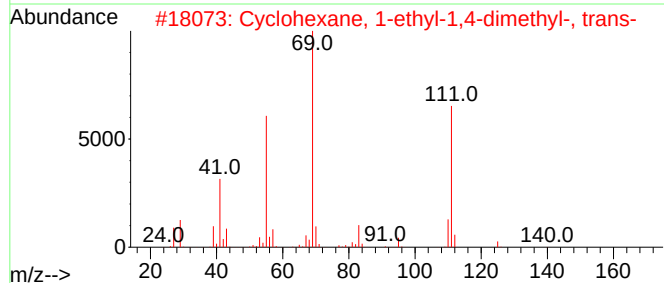
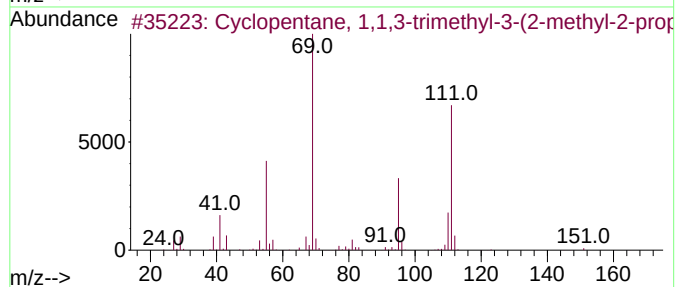
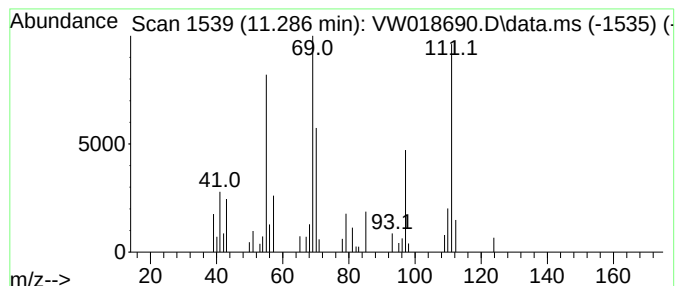
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 Cyclopentane, 1,1,3-trimeth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.286	2.60 ug/L	10889	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-3-...		166	C12H22	074421-09-3	53
2	Cyclohexane, 1-ethyl-1,4-dimethy...		140	C10H20	062238-32-8	53
3	3-Isopropyl-5-methyl-hex-4-en-2-one		154	C10H18O	077142-85-9	50
4	Cyclohexane, 1-ethyl-2,4-dimethyl-		140	C10H20	061142-69-6	47
5	Oxazole, trimethyl-		111	C6H9NO	020662-84-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564

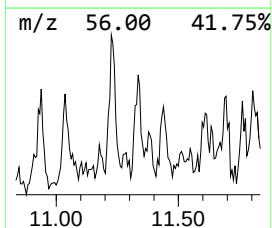
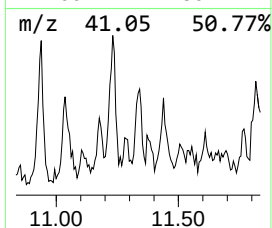
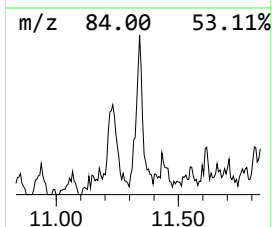
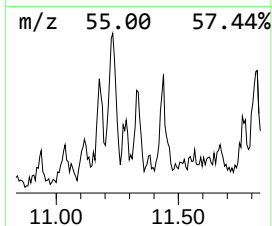
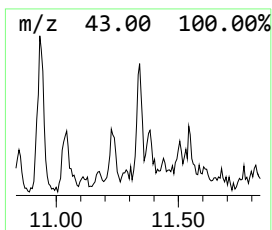
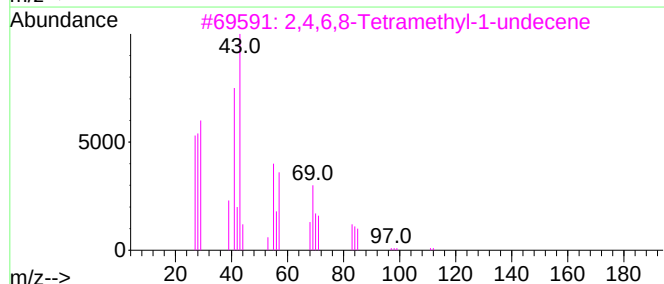
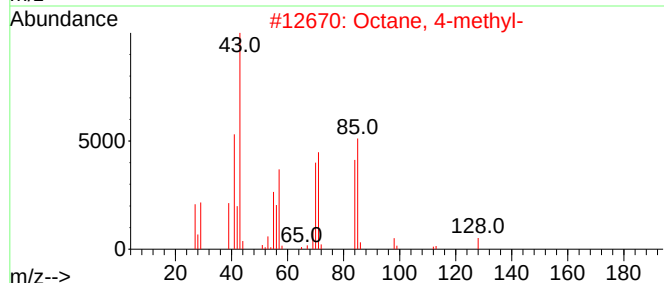
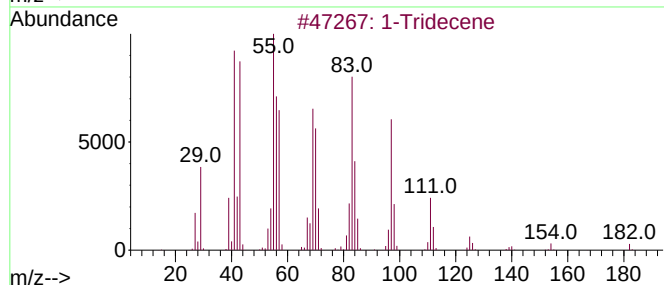
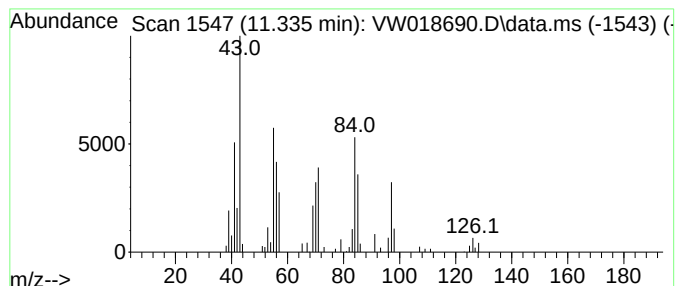
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	5.63 ug/L	23615	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Tridecene	182	C13H26	002437-56-1	50
2		Octane, 4-methyl-	128	C9H20	002216-34-4	49
3		2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	47
4		Piperidine	85	C5H11N	000110-89-4	46
5		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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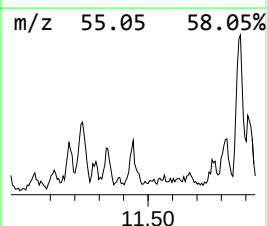
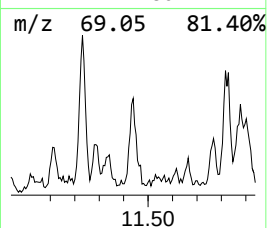
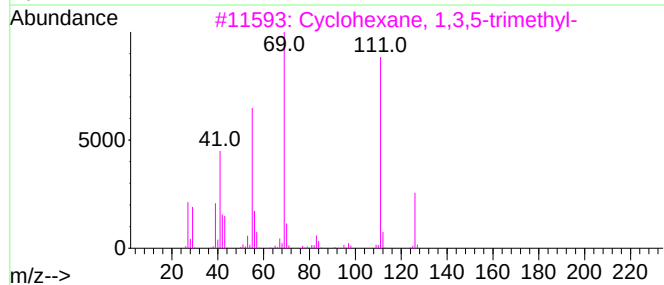
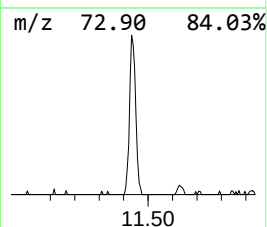
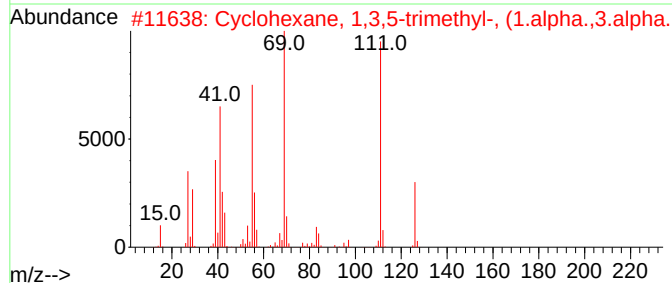
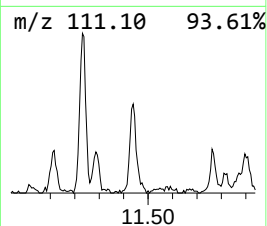
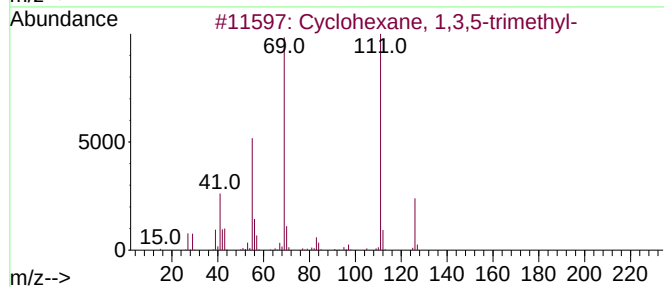
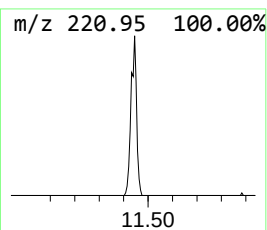
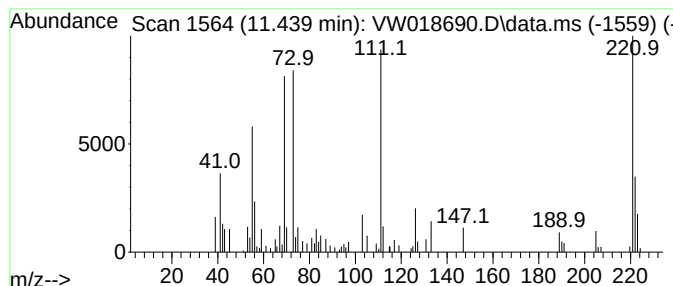
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic11.439 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	12.00 ug/L	50307	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	50
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	45
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	43
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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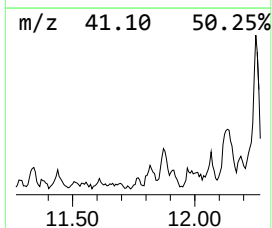
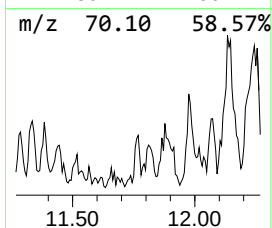
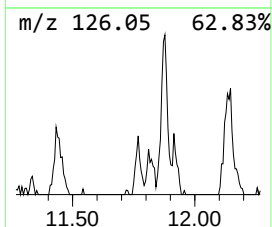
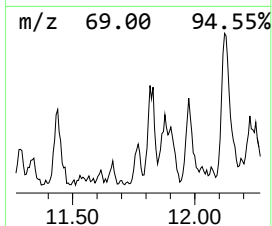
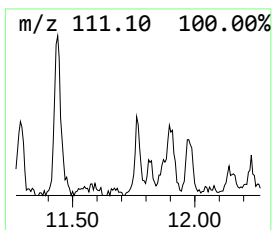
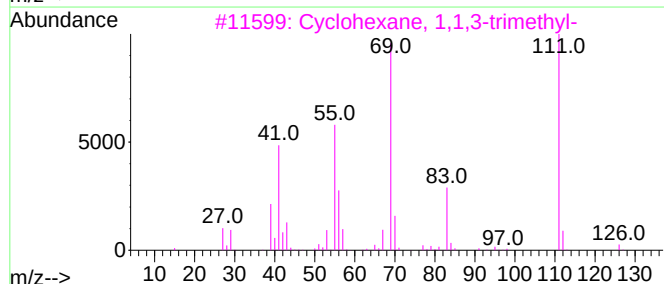
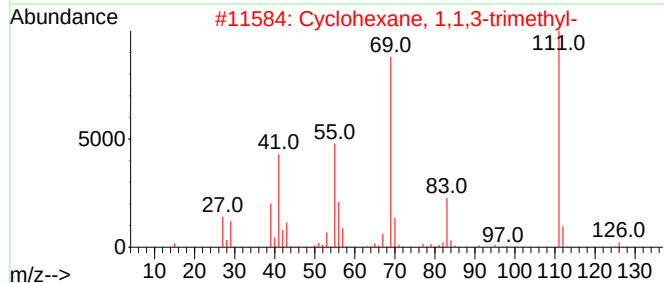
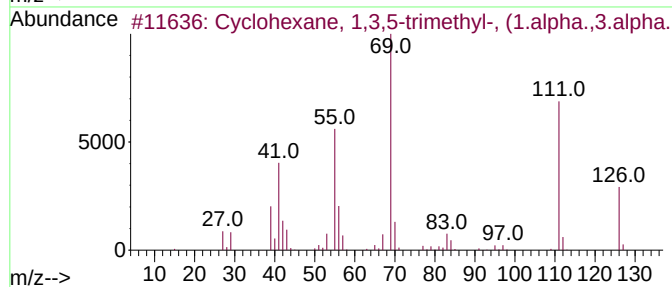
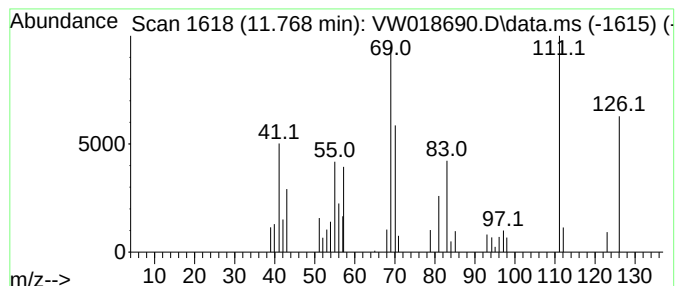
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.768 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.768	1.77 ug/L	7416	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	58
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
4			Cyclooctane, butyl-	168	C12H24	016538-93-5	47
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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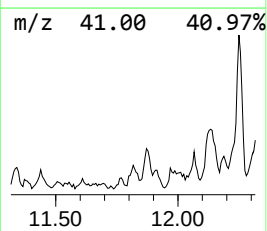
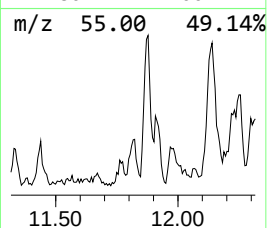
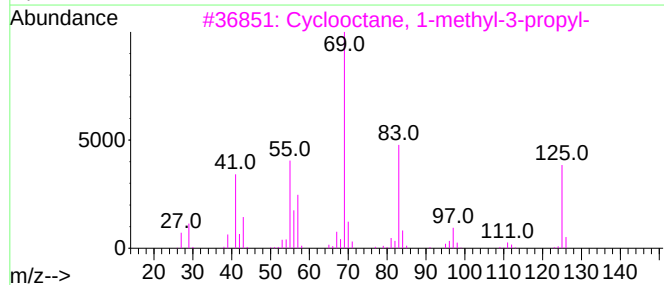
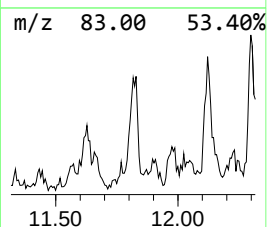
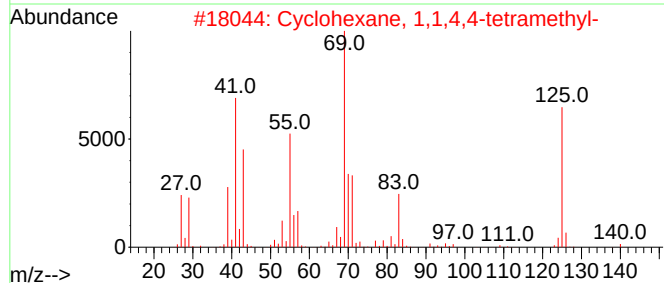
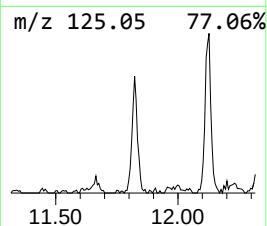
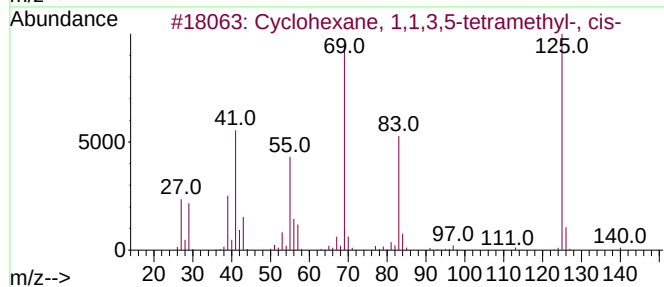
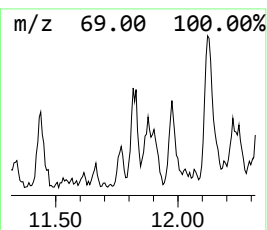
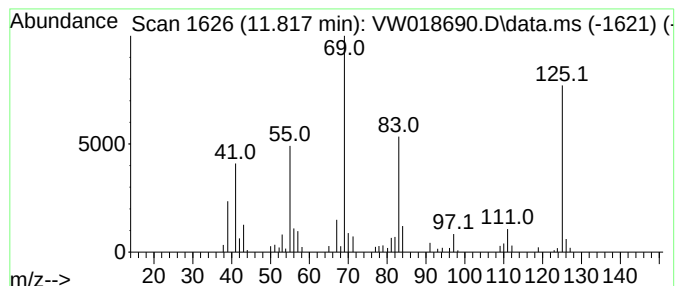
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic11.817 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.817	7.81 ug/L	32724	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	78
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	64
3			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	56
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
5			Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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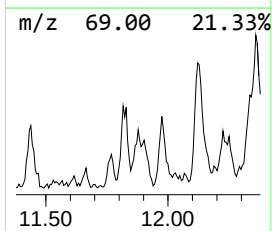
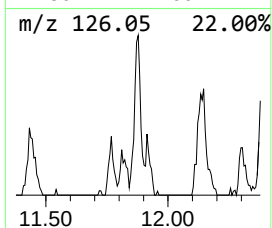
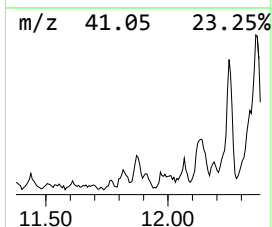
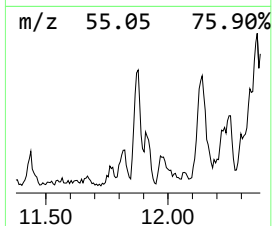
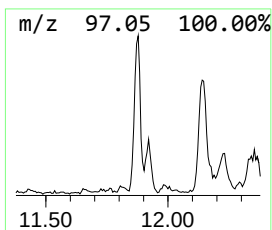
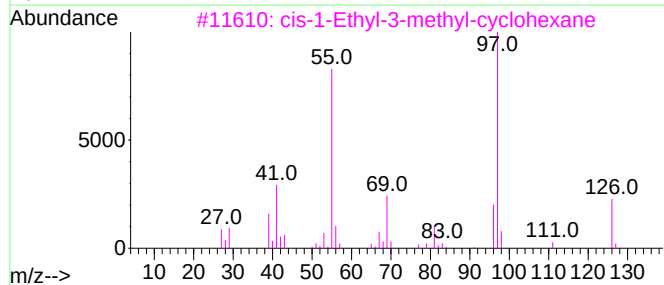
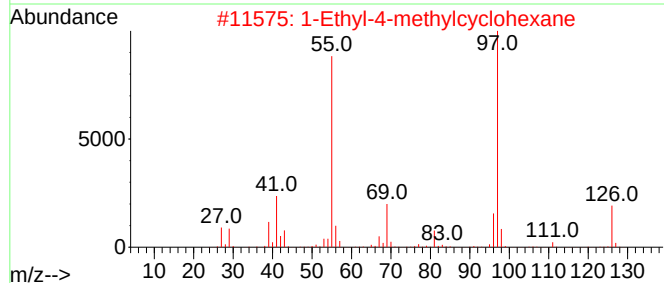
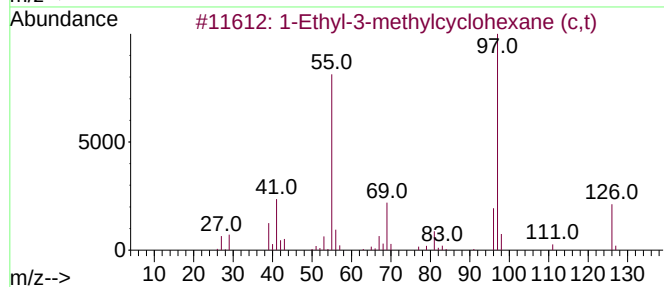
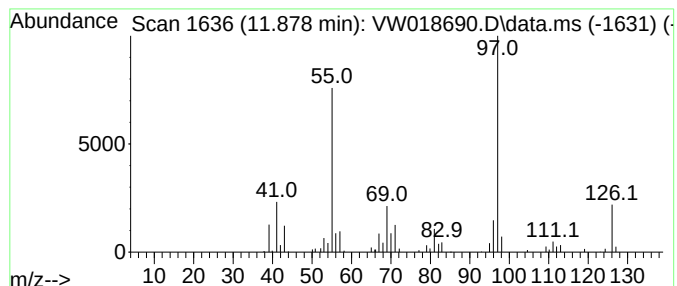
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	14.11 ug/L	59153	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	76
5		4-Octen-3-one	126	C8H14O	014129-48-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

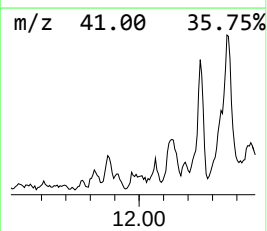
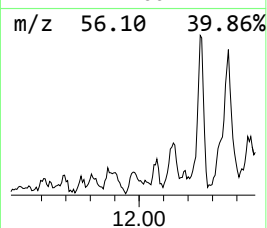
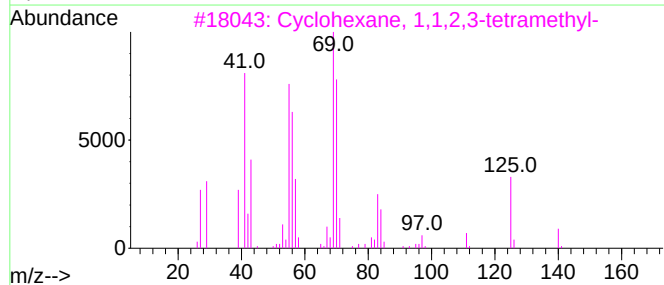
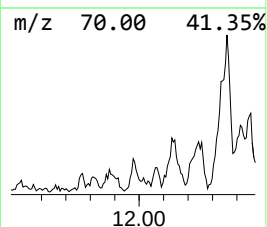
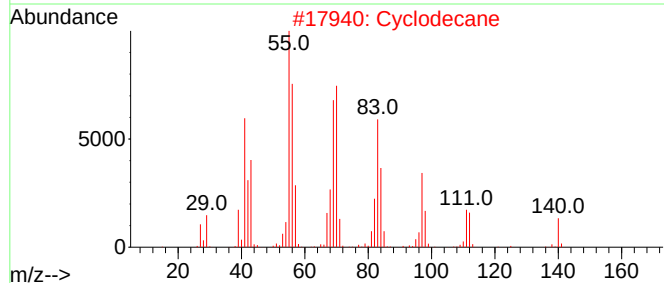
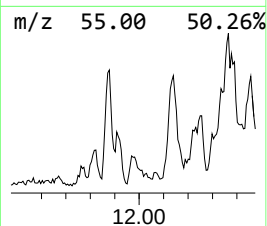
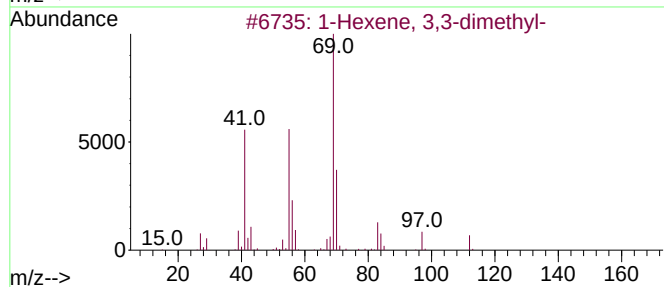
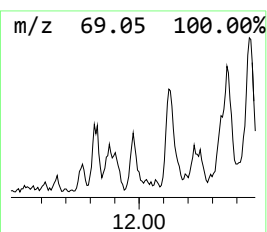
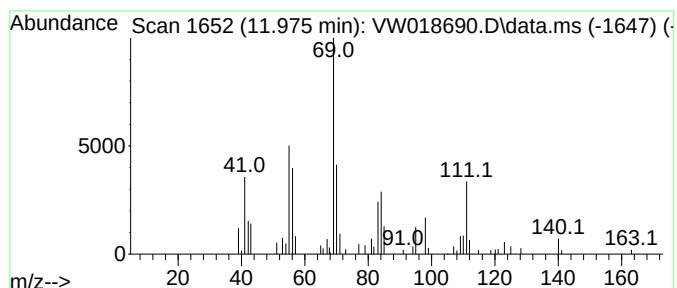
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.975	7.97 ug/L	33403	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-		112	C8H16	003404-77-1	47
2	Cyclodecane		140	C10H20	000293-96-9	43
3	Cyclohexane, 1,1,2,3-tetramethyl-		140	C10H20	006783-92-2	38
4	4-Decene		140	C10H20	019689-18-0	38
5	4-Methyl-2-hexene,c&t		98	C7H14	003404-55-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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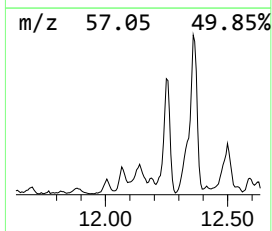
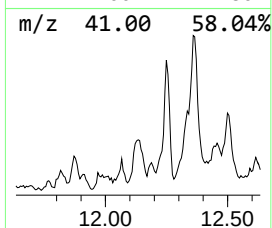
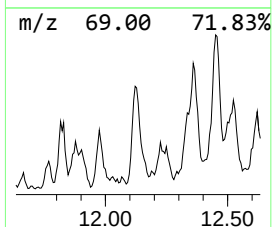
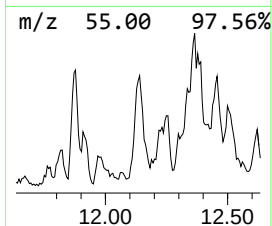
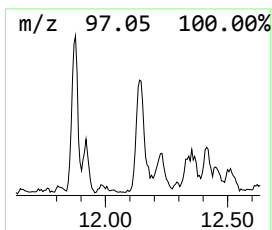
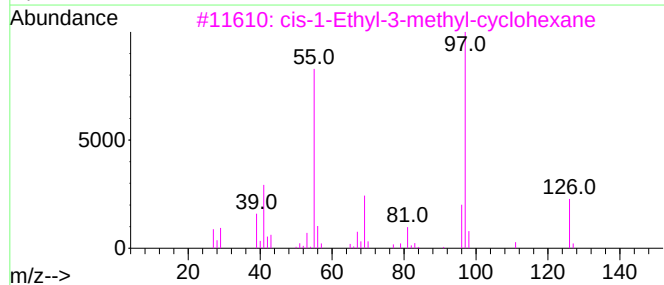
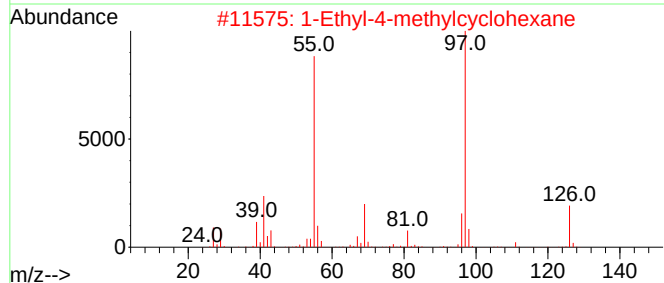
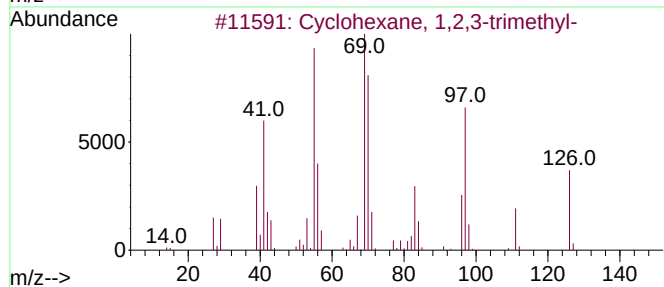
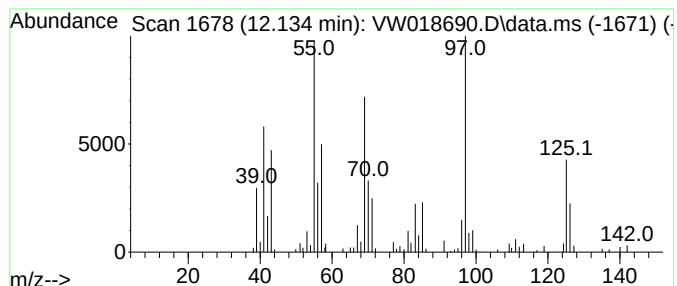
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic12.134 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	33.09 ug/L	138713	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	41
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	38
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
5		cis-4-Nonene	126	C9H18	010405-84-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564

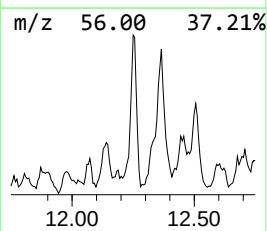
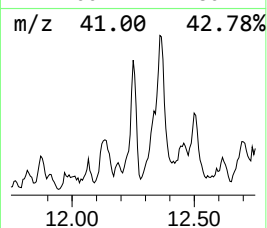
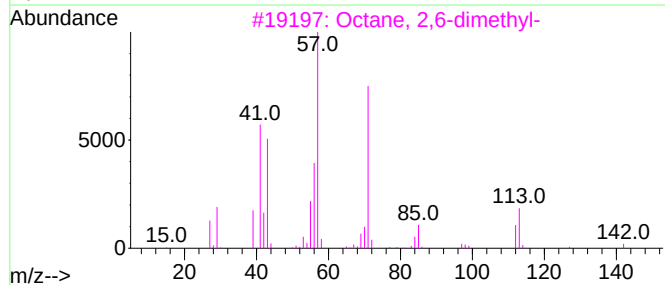
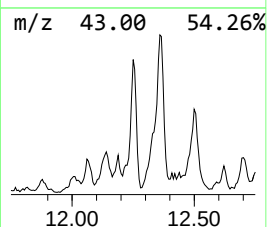
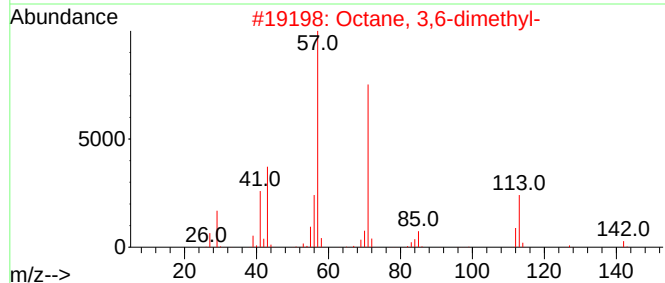
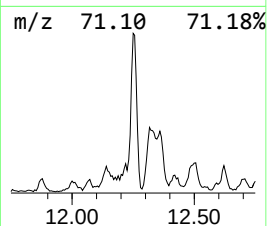
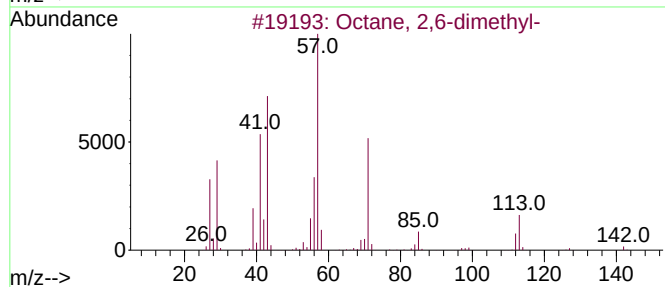
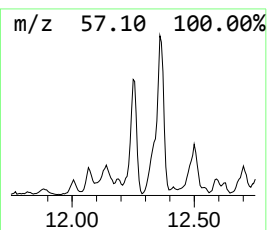
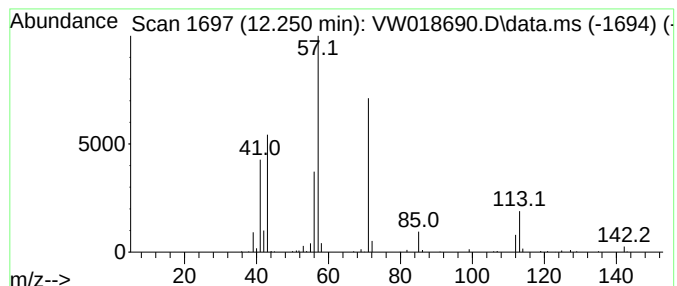
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	35.29 ug/L	147952	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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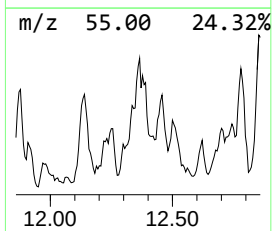
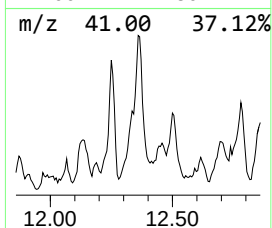
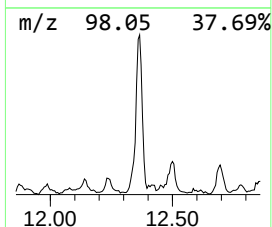
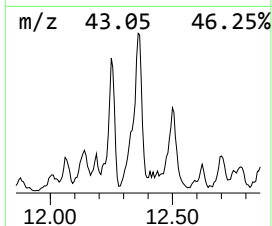
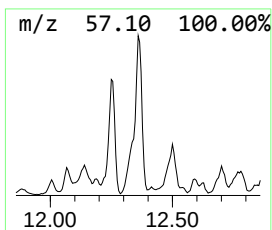
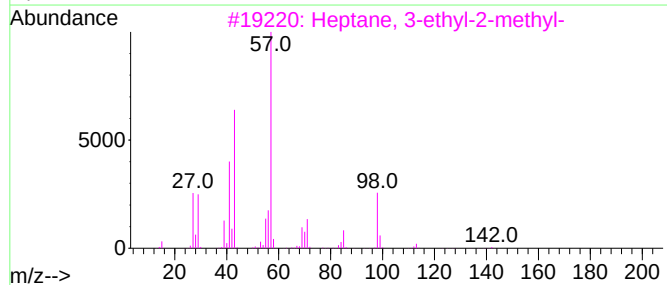
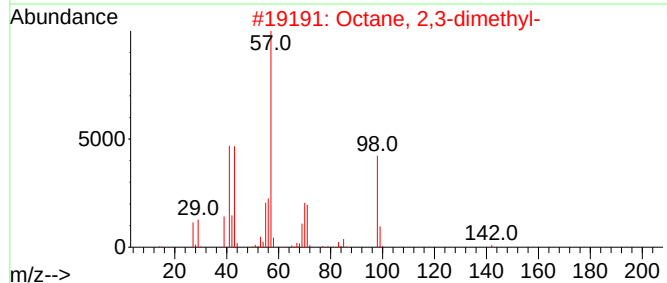
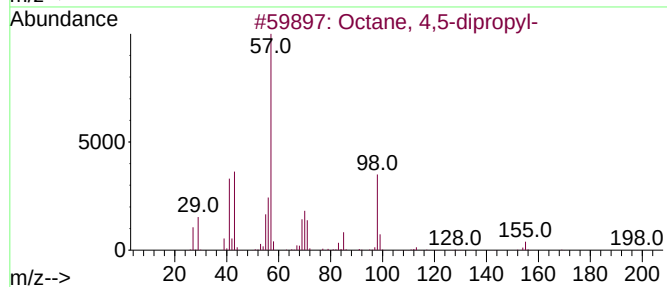
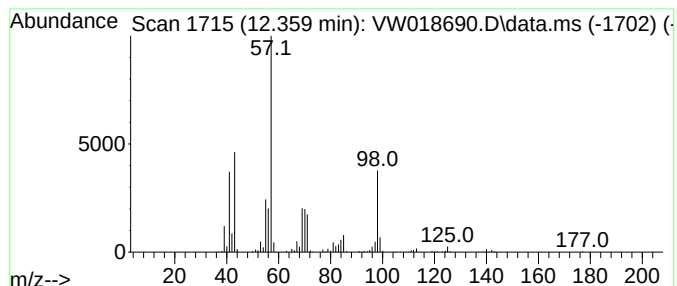
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	106.14 ug/L	444988	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	78
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	74
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
4		Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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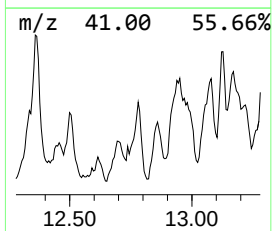
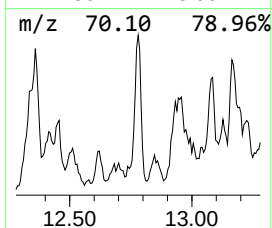
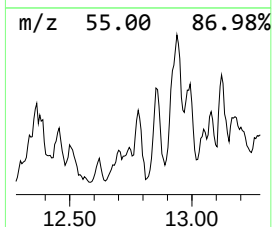
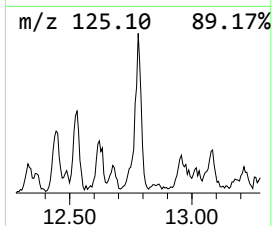
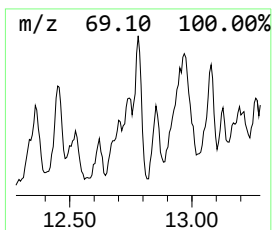
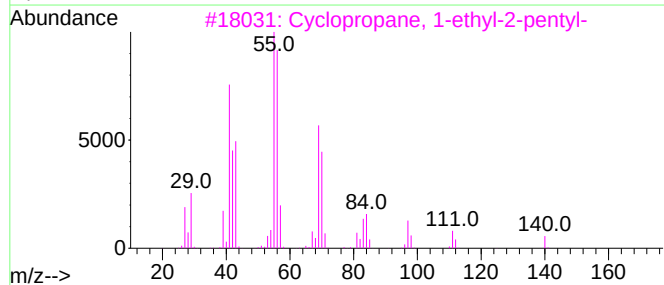
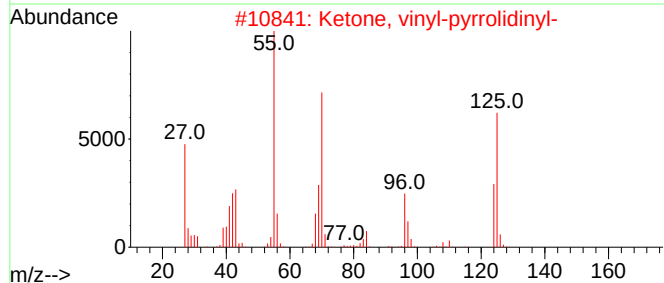
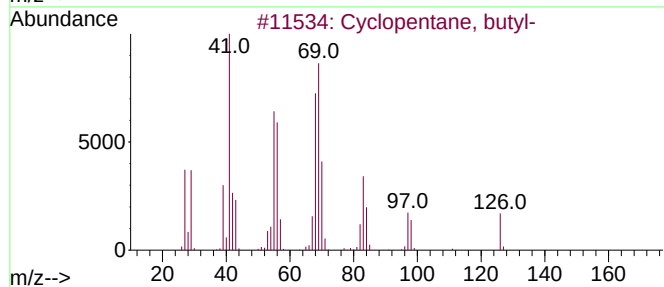
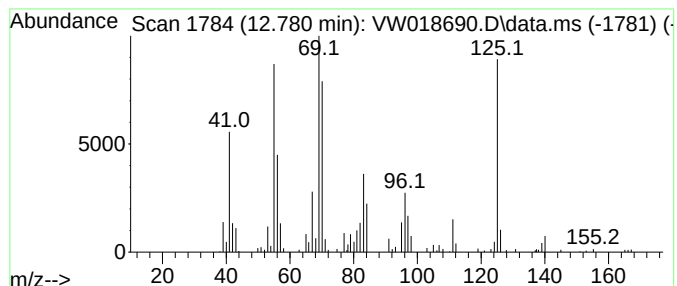
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic12.780 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	37.18 ug/L	142492	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	50
2			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	49
3			Cyclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	46
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	38
5			1-Decene	140	C10H20	000872-05-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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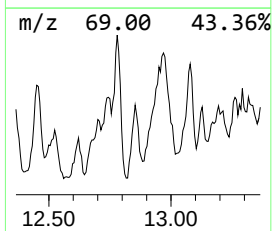
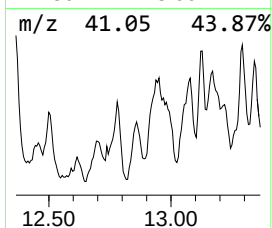
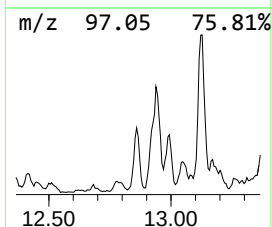
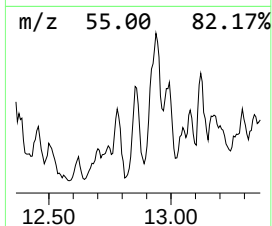
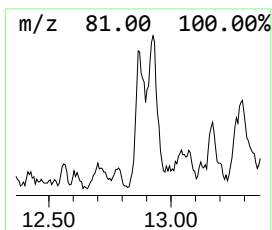
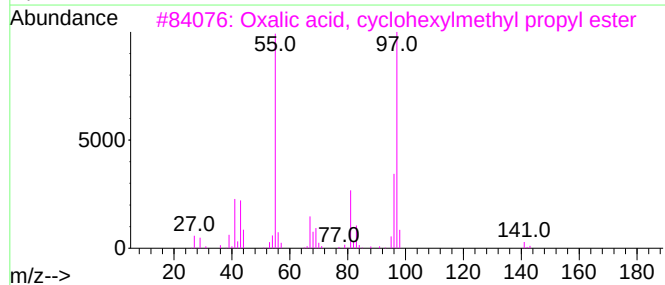
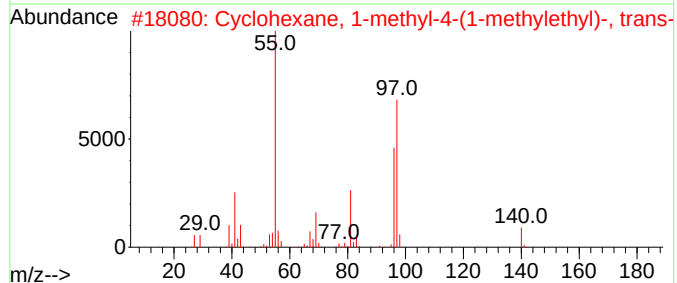
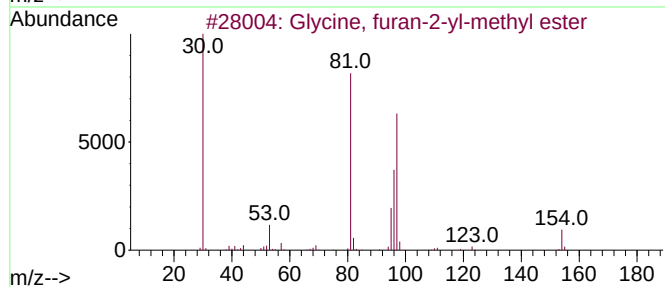
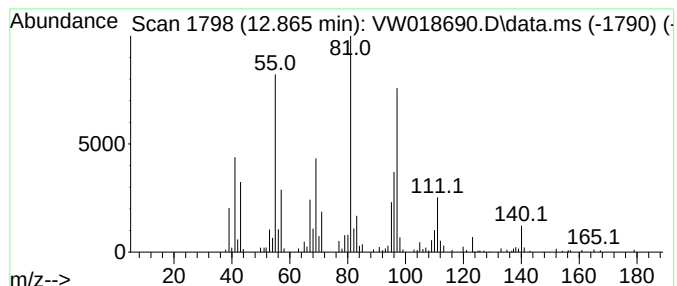
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Quant Title : SFAM01.0

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

Peak Number 30 Glycine, furan-2-yl-methyl ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	47.48 ug/L	181986	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	53
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	45
3			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	43
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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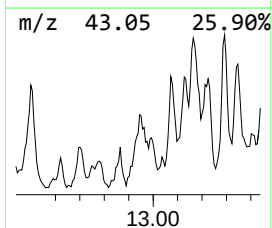
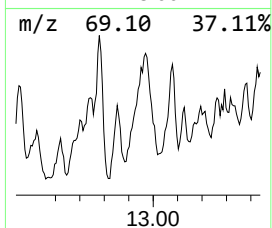
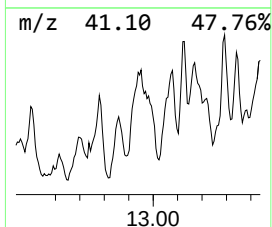
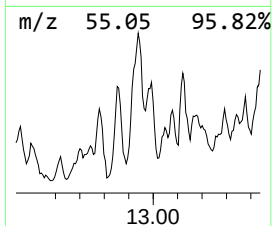
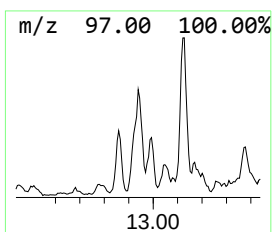
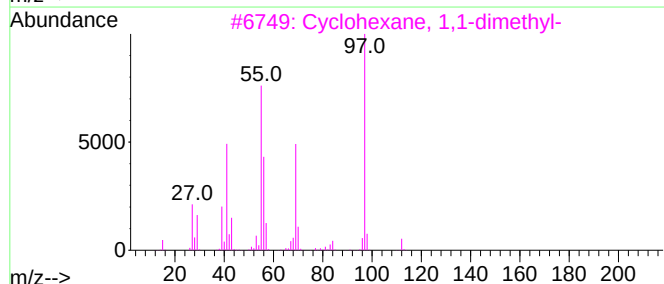
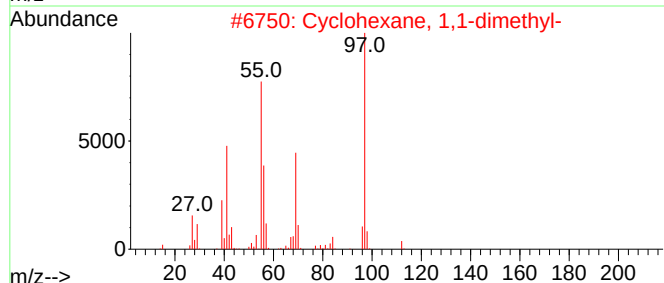
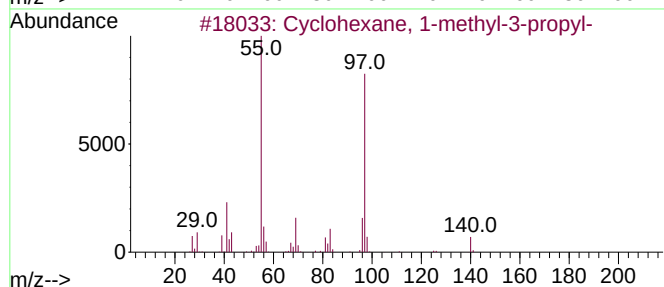
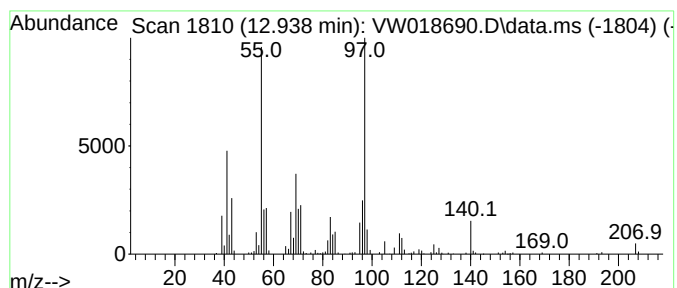
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic12.938 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	67.71 ug/L	259519	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
4			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	100463-01-2	43
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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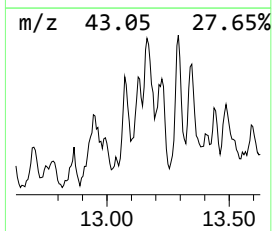
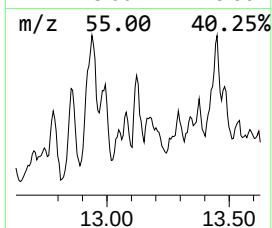
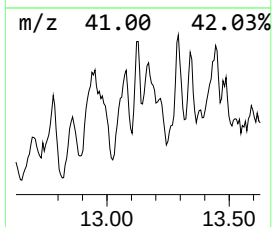
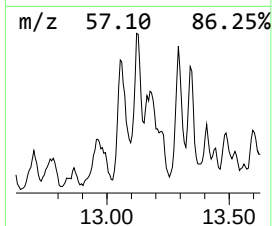
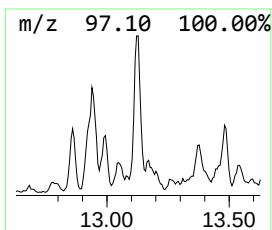
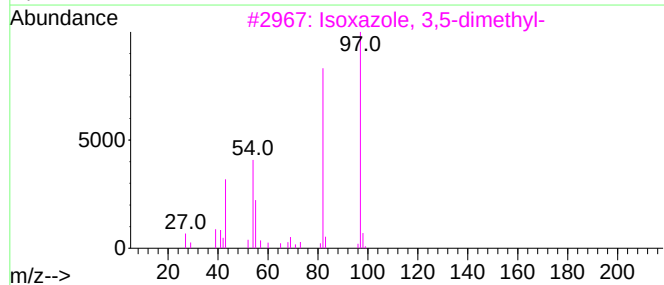
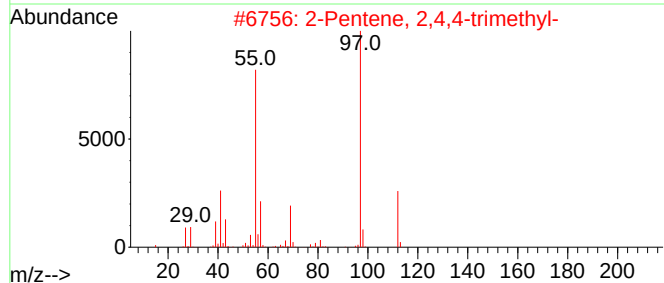
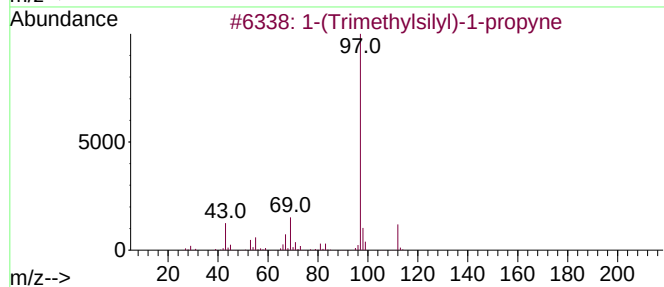
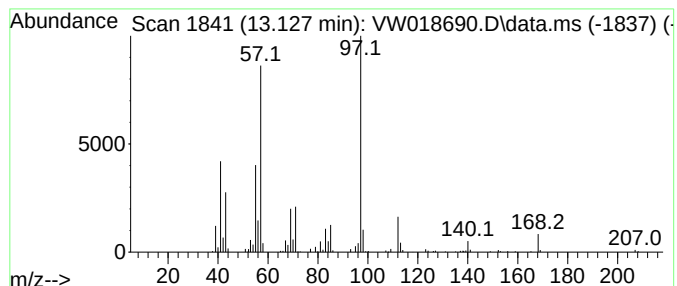
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Quant Title : SFAM01.0

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

Peak Number 32 1-(Trimethylsilyl)-1-propyne Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	33.31 ug/L	127667	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	52
2			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	50
3			Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	47
4			1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	47
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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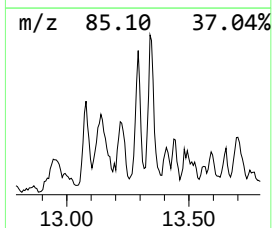
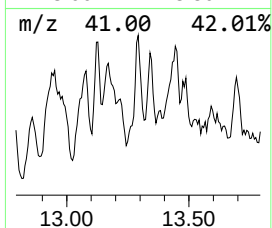
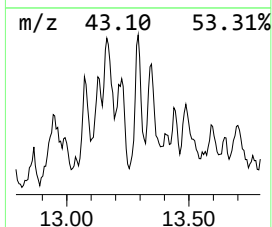
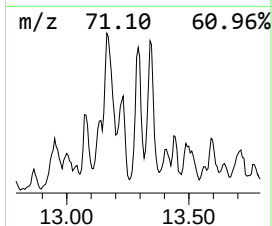
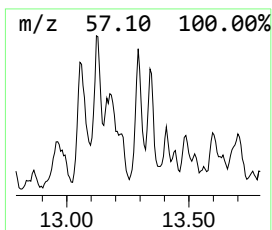
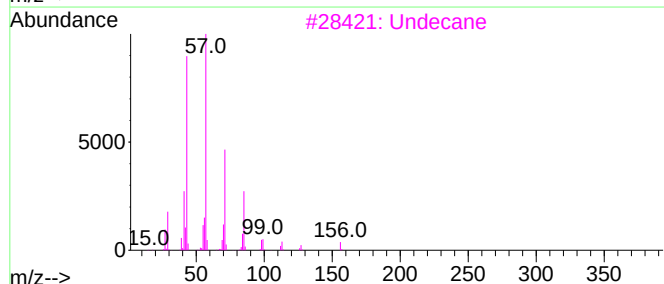
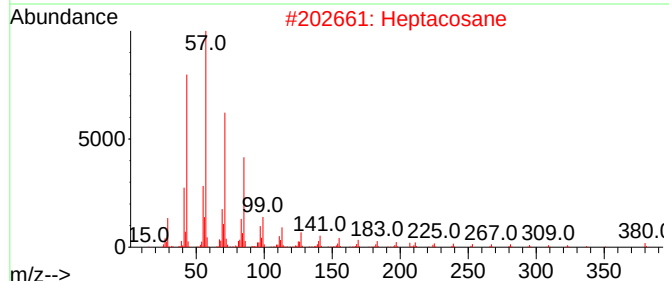
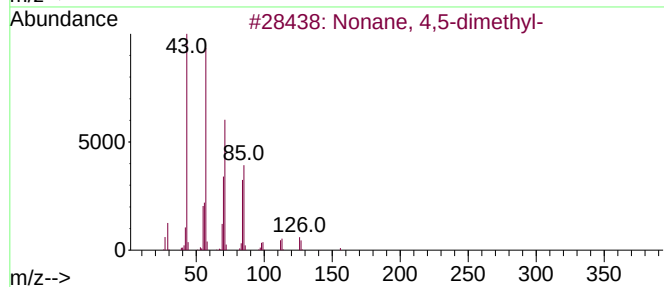
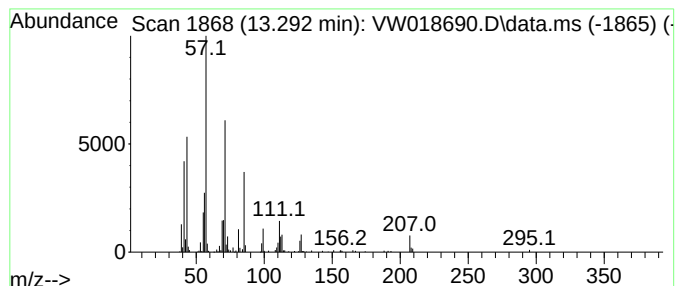
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	25.00 ug/L	95825	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	74
2		Heptacosane	380	C27H56	000593-49-7	64
3		Undecane	156	C11H24	001120-21-4	64
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Tetracosane	338	C24H50	000646-31-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564

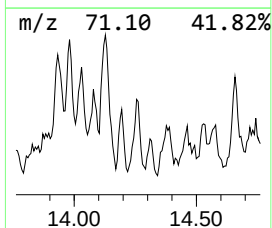
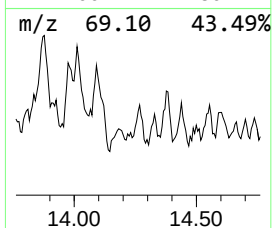
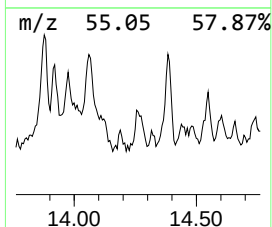
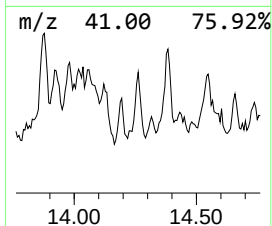
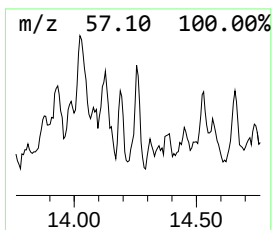
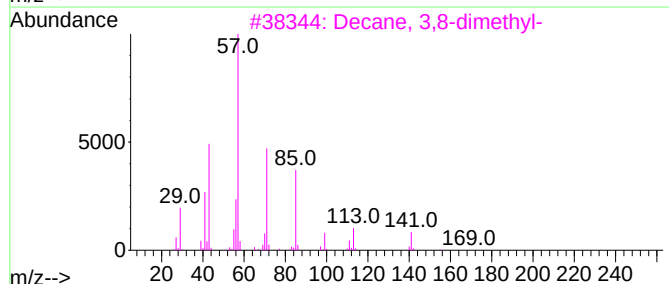
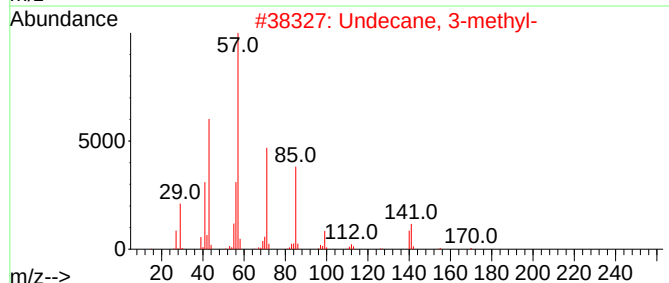
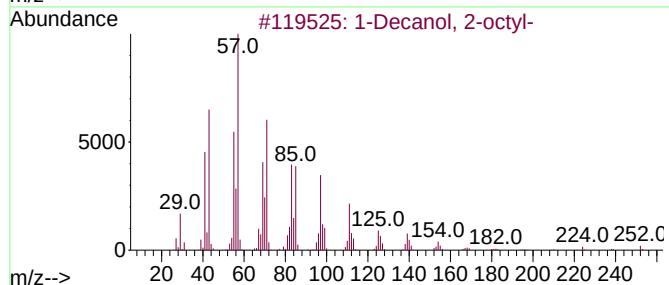
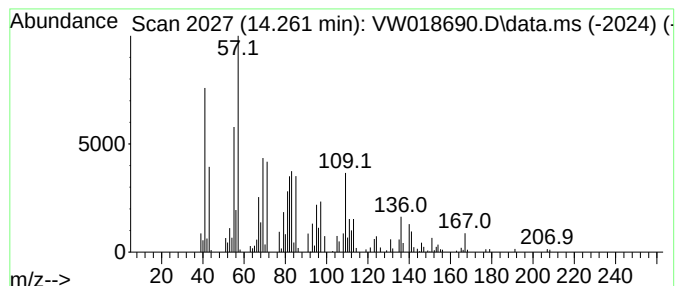
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Quant Title : SFAM01.0

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

Peak Number 34 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	25.98 ug/L	99600	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	43
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
4			5-Ethyldecane	170	C12H26	017302-36-2	38
5			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564

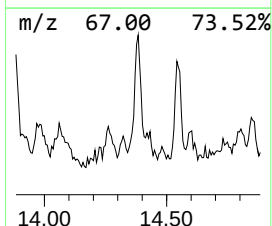
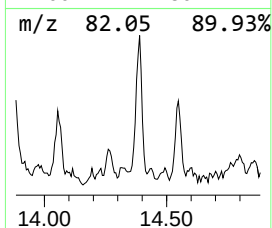
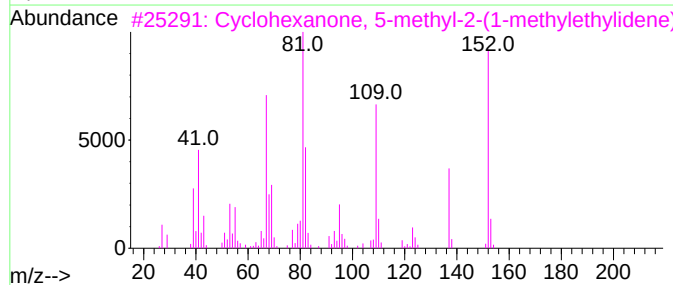
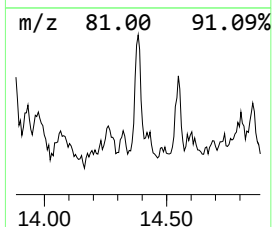
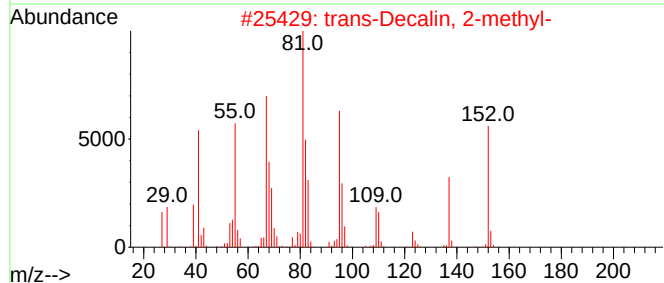
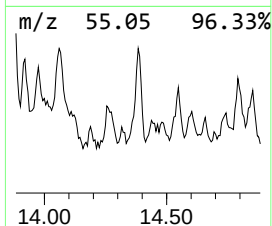
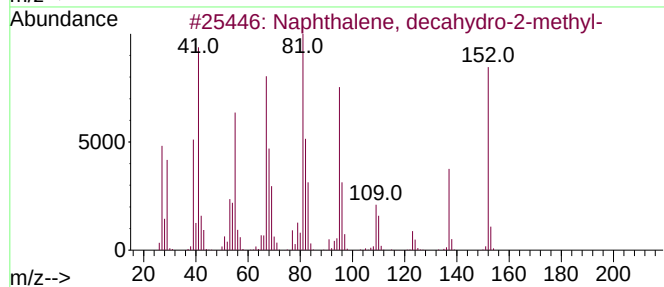
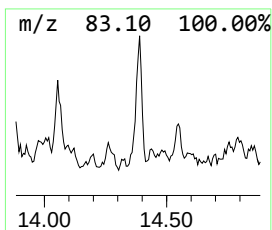
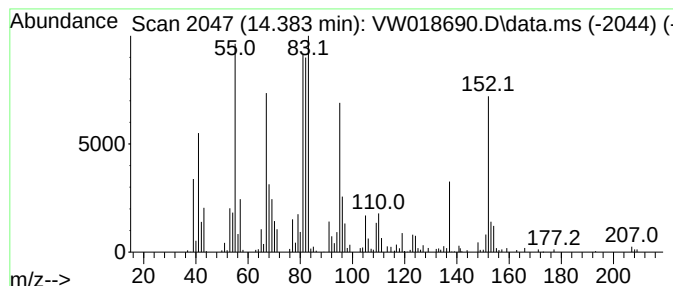
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Quant Title : SFAM01.0

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

Peak Number 35 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	31.49 ug/L	120701	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018690.D
Acq On : 20 Apr 2021 14:48
Operator : SY/VA
Sample : M2065-11
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564

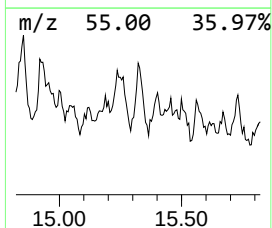
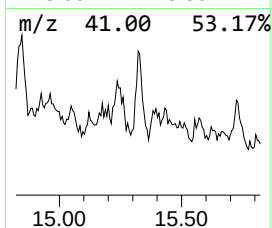
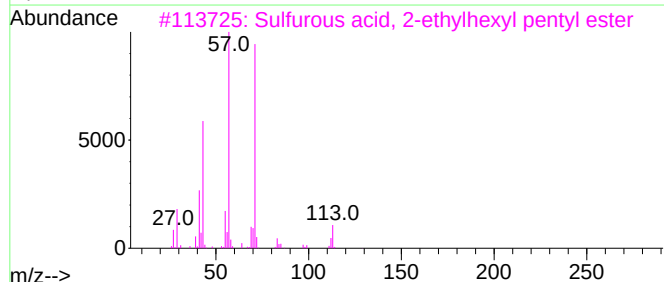
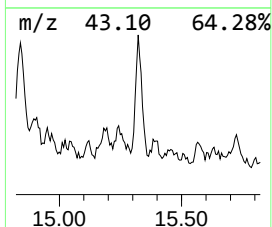
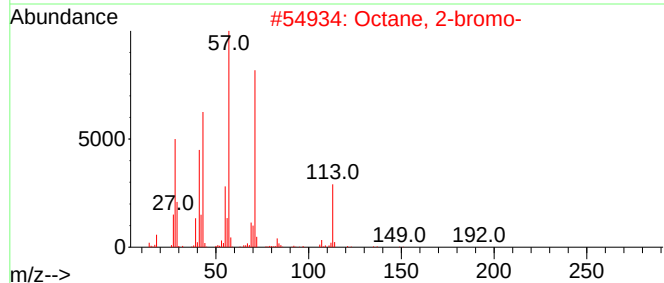
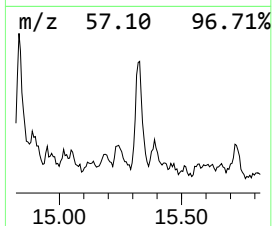
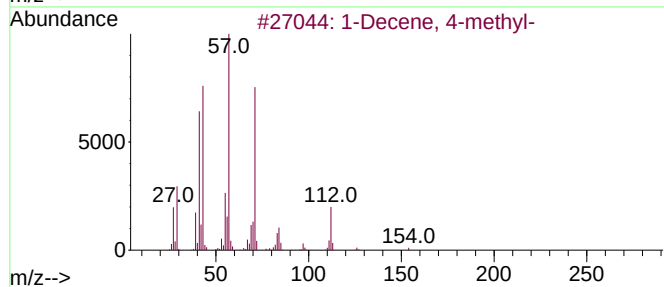
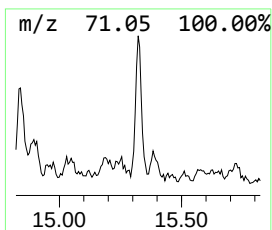
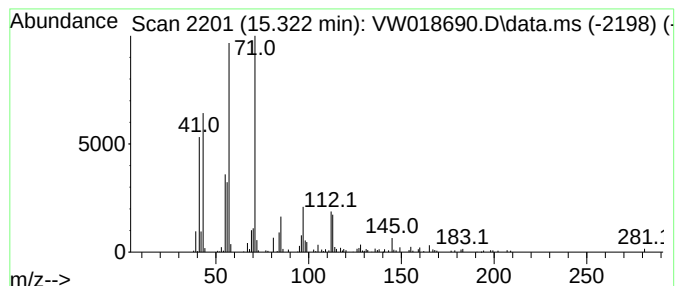
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	30.66 ug/L	117508	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decene, 4-methyl-	154	C11H22	013151-29-6	50
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
3		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018690.D
 Acq On : 20 Apr 2021 14:48
 Operator : SY/VA
 Sample : M2065-11
 Misc : 3.36G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG564

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
unknown-01	2.166	2.4	ug/L	10934	1	8.848	114998	25.0
(DEL) Alkane: S...	5.958	2.2	ug/L	10326	1	8.848	114998	25.0
(DEL) Alkane: S...	8.488	2.5	ug/L	11458	1	8.848	114998	25.0
(DEL) Alkane: C...	9.616	2.7	ug/L	12598	1	8.848	114998	25.0
(DEL) Alkane: S...	9.756	3.2	ug/L	14575	1	8.848	114998	25.0
(DEL) Alkane: S...	9.890	2.9	ug/L	13505	1	8.848	114998	25.0
(DEL) Alkane: C...	10.219	1.3	ug/L	5854	1	8.848	114998	25.0
(DEL) Alkane: S...	10.250	3.1	ug/L	13210	2	11.634	104813	25.0
(DEL) Alkane: C...	10.500	2.7	ug/L	11411	2	11.634	104813	25.0
(DEL) Alkane: S...	10.780	2.3	ug/L	9611	2	11.634	104813	25.0
(DEL) Alkane: S...	10.847	1.4	ug/L	5981	2	11.634	104813	25.0
(DEL) Alkane: S...	11.036	5.9	ug/L	24654	2	11.634	104813	25.0
(DEL) Alkane: C...	11.116	2.6	ug/L	11103	2	11.634	104813	25.0
(DEL) Alkane: C...	11.177	3.4	ug/L	14112	2	11.634	104813	25.0
(DEL) Alkane: C...	11.231	12.0	ug/L	50277	2	11.634	104813	25.0
Cyclopentane, 1...	11.286	2.6	ug/L	10889	2	11.634	104813	25.0
(DEL) Alkane: S...	11.335	5.6	ug/L	23615	2	11.634	104813	25.0
(DEL) Alkane: C...	11.439	12.0	ug/L	50307	2	11.634	104813	25.0
(DEL) Alkane: C...	11.768	1.8	ug/L	7416	2	11.634	104813	25.0
(DEL) Alkane: C...	11.817	7.8	ug/L	32724	2	11.634	104813	25.0
(DEL) Alkane: S...	11.878	14.1	ug/L	59153	2	11.634	104813	25.0
(DEL) Alkane: S...	11.975	8.0	ug/L	33403	2	11.634	104813	25.0
(DEL) Alkane: C...	12.134	33.1	ug/L	138713	2	11.634	104813	25.0
(DEL) Alkane: S...	12.249	35.3	ug/L	147952	2	11.634	104813	25.0
(DEL) Alkane: S...	12.359	106.1	ug/L	444988	2	11.634	104813	25.0
(DEL) Alkane: C...	12.780	37.2	ug/L	142492	3	13.554	95825	25.0
Glycine, furan-...	12.865	47.5	ug/L	181986	3	13.554	95825	25.0
(DEL) Alkane: C...	12.938	67.7	ug/L	259519	3	13.554	95825	25.0
1-(Trimethylsil...	13.127	33.3	ug/L	127667	3	13.554	95825	25.0
(DEL) Alkane: S...	13.292	25.0	ug/L	95825	3	13.554	95825	25.0
unknown-02	14.261	26.0	ug/L	99600	3	13.554	95825	25.0
Naphthalene, de...	14.383	31.5	ug/L	120701	3	13.554	95825	25.0
(DEL) Alkane: S...	15.322	30.7	ug/L	117508	3	13.554	95825	25.0