

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018694.D
 Acq On : 20 Apr 2021 16:24
 Operator : SY/VA
 Sample : M2065-15
 Misc : 3.22G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG568

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: VW018694.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	47	rBV	11600	27986	0.23%	0.016%
2	2.355	64	74	85	rBV	97908	201174	1.65%	0.114%
3	2.495	94	97	104	rVB2	3623	6288	0.05%	0.004%
4	2.892	154	162	175	rVV	61358	153212	1.26%	0.087%
5	3.032	182	185	191	rVB7	4346	7768	0.06%	0.004%
6	3.391	235	244	250	rBV3	8077	17562	0.14%	0.010%
7	4.019	336	347	358	rBV	99824	309664	2.54%	0.175%
8	4.135	360	366	373	rVV	15115	41702	0.34%	0.024%
9	4.391	396	408	435	rBV3	22656	106774	0.87%	0.060%
10	4.916	480	494	512	rBV2	53041	198930	1.63%	0.112%
11	5.440	573	580	587	rVV5	3109	9265	0.08%	0.005%
12	5.940	648	662	677	rVB3	15689	47425	0.39%	0.027%
13	6.293	713	720	722	rBV5	1626	3511	0.03%	0.002%
14	6.873	807	815	819	rBV6	5207	13800	0.11%	0.008%
15	7.080	841	849	854	rBV	50741	138380	1.13%	0.078%
16	7.141	854	859	874	rVB	57642	178043	1.46%	0.101%
17	7.525	913	922	923	rBV8	2278	4383	0.04%	0.002%
18	7.653	932	943	956	rBV	223479	566603	4.64%	0.320%
19	7.952	984	992	998	rBV9	9009	22913	0.19%	0.013%
20	8.031	998	1005	1014	rVV3	17721	42269	0.35%	0.024%
21	8.153	1020	1025	1031	rBV5	8337	17594	0.14%	0.010%
22	8.275	1033	1045	1061	rVV3	429005	1494176	12.24%	0.845%
23	8.427	1064	1070	1071	rBV5	6626	11066	0.09%	0.006%
24	8.482	1071	1079	1091	rVB	92246	244961	2.01%	0.139%
25	8.842	1130	1138	1149	rBV	541882	1072820	8.79%	0.607%
26	9.073	1170	1176	1183	rBV2	41776	92101	0.75%	0.052%
27	9.275	1202	1209	1215	rBV	289863	629484	5.16%	0.356%
28	9.329	1215	1218	1224	rVV3	104562	213610	1.75%	0.121%
29	9.384	1224	1227	1234	rVB	47617	85640	0.70%	0.048%
30	9.762	1282	1289	1298	rBV	125086	266853	2.19%	0.151%
31	9.896	1304	1311	1325	rBV	159332	337080	2.76%	0.191%
32	10.037	1329	1334	1338	rBV	91960	160392	1.31%	0.091%
33	10.128	1346	1349	1354	rVB2	19287	32972	0.27%	0.019%
34	10.250	1364	1369	1375	rVB	177398	304972	2.50%	0.172%
35	10.323	1375	1381	1391	rBV	450641	839453	6.88%	0.475%
36	10.579	1418	1423	1427	rBV	68109	118560	0.97%	0.067%

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

37	10.671	1434	1438	1439	rBV2	26374	35551	0.29%	0.020%
38	10.701	1439	1443	1449	rVV	88249	155704	1.28%	0.088%
39	10.768	1450	1454	1462	rVB4	63920	143300	1.17%	0.081%
40	10.847	1463	1467	1473	rVB2	55023	88993	0.73%	0.050%
41	10.927	1474	1480	1488	rBV3	281694	551977	4.52%	0.312%
42	11.036	1493	1498	1506	rBV	152263	360802	2.96%	0.204%
43	11.110	1507	1510	1515	rBV	58162	91672	0.75%	0.052%
44	11.177	1518	1521	1525	rVV	57741	89178	0.73%	0.050%
45	11.232	1525	1530	1535	rVB	150367	253539	2.08%	0.143%
46	11.341	1543	1548	1551	rBV2	135878	225327	1.85%	0.127%
47	11.378	1551	1554	1559	rBV2	68582	106541	0.87%	0.060%
48	11.439	1559	1564	1570	rBV	194247	415821	3.41%	0.235%
49	11.506	1572	1575	1580	rBV3	90436	196102	1.61%	0.111%
50	11.628	1587	1595	1602	rVB2	493709	1106647	9.07%	0.626%
51	11.695	1602	1606	1612	rVB	282406	437172	3.58%	0.247%
52	11.768	1614	1618	1621	rBV2	58621	81724	0.67%	0.046%
53	11.817	1621	1626	1630	rBV4	135728	260782	2.14%	0.147%
54	11.878	1630	1636	1640	rBV	504370	834979	6.84%	0.472%
55	12.006	1654	1657	1658	rBV	68780	75440	0.62%	0.043%
56	12.067	1663	1667	1671	rBV2	357516	522834	4.28%	0.296%
57	12.134	1672	1678	1684	rBV3	421474	1052509	8.62%	0.595%
58	12.250	1690	1697	1702	rVB	1514038	2699903	22.12%	1.527%
59	12.335	1702	1711	1712	rBV5	727911	1521023	12.46%	0.860%
60	12.365	1712	1716	1723	rVB2	1173128	2189316	17.94%	1.238%
61	12.500	1727	1738	1746	rVB5	1023659	3204851	26.26%	1.812%
62	12.591	1747	1753	1762	rBV	3461610	6746380	55.28%	3.815%
63	12.701	1763	1771	1775	rBV4	1137769	2953062	24.20%	1.670%
64	12.756	1775	1780	1782	rBV3	984240	1741605	14.27%	0.985%
65	12.859	1790	1797	1802	rBV4	936337	2315257	18.97%	1.309%
66	12.945	1802	1811	1817	rBV8	2503463	8544855	70.02%	4.832%
67	13.079	1829	1833	1836	rBV2	1069550	1508288	12.36%	0.853%
68	13.128	1836	1841	1845	rVV4	999351	1848554	15.15%	1.045%
69	13.195	1846	1852	1860	rVB	2732155	6312373	51.73%	3.569%
70	13.292	1860	1868	1873	rBV	2897714	5630261	46.14%	3.184%
71	13.341	1873	1876	1880	rVV2	1766403	2607849	21.37%	1.475%
72	13.377	1880	1882	1884	rVV3	654483	848416	6.95%	0.480%
73	13.408	1884	1887	1890	rVV	2381341	3938444	32.27%	2.227%
74	13.445	1890	1893	1897	rVV2	2998139	5136312	42.09%	2.904%
75	13.481	1897	1899	1904	rVB4	1197269	1670724	13.69%	0.945%
76	13.603	1914	1919	1929	rVB2	3449457	8281620	67.86%	4.683%

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 Title : SFAM01.0

77	13.701	1929	1935	1939	rBV4	1295612	2828349	23.18%	1.599%
78	13.768	1943	1946	1954	rVB2	1209635	2017382	16.53%	1.141%
79	13.877	1959	1964	1968	rVV5	3040948	5768237	47.27%	3.262%
80	13.920	1968	1971	1977	rVV4	2170075	4758976	39.00%	2.691%
81	13.975	1978	1980	1985	rVB3	1604463	2343656	19.21%	1.325%
82	14.109	1999	2002	2012	rVB2	3568109	7544594	61.82%	4.266%
83	14.194	2012	2016	2020	rBV2	1482626	2294928	18.81%	1.298%
84	14.261	2021	2027	2033	rBV4	2374141	5248715	43.01%	2.968%
85	14.310	2033	2035	2040	rVB4	1030510	1501539	12.30%	0.849%
86	14.383	2040	2047	2052	rBV3	4236908	9052356	74.18%	5.119%
87	14.499	2062	2066	2068	rBV4	2018739	3409930	27.94%	1.928%
88	14.737	2102	2105	2108	rBV4	909028	1521651	12.47%	0.860%
89	14.792	2111	2114	2119	rVV2	1337493	2422529	19.85%	1.370%
90	14.926	2133	2136	2140	rBV2	1603300	2518269	20.64%	1.424%
91	14.969	2140	2143	2147	rVB2	1515345	2233555	18.30%	1.263%
92	15.060	2155	2158	2161	rVB5	741509	949185	7.78%	0.537%
93	15.261	2184	2191	2196	rVB6	1691862	4457633	36.53%	2.521%
94	15.328	2197	2202	2209	rVB	6951638	12203191	100.00%	6.900%
95	15.395	2209	2213	2218	rBV5	885405	1700378	13.93%	0.962%
96	15.566	2237	2241	2247	rVB7	1003960	2061060	16.89%	1.165%
97	15.627	2248	2251	2253	rBV3	845193	1235256	10.12%	0.698%
98	15.725	2264	2267	2275	rVB6	1851038	3743411	30.68%	2.117%
99	16.212	2343	2347	2353	rVB2	1641190	2946410	24.14%	1.666%
100	16.279	2353	2358	2367	rVB	3613401	7280031	59.66%	4.117%

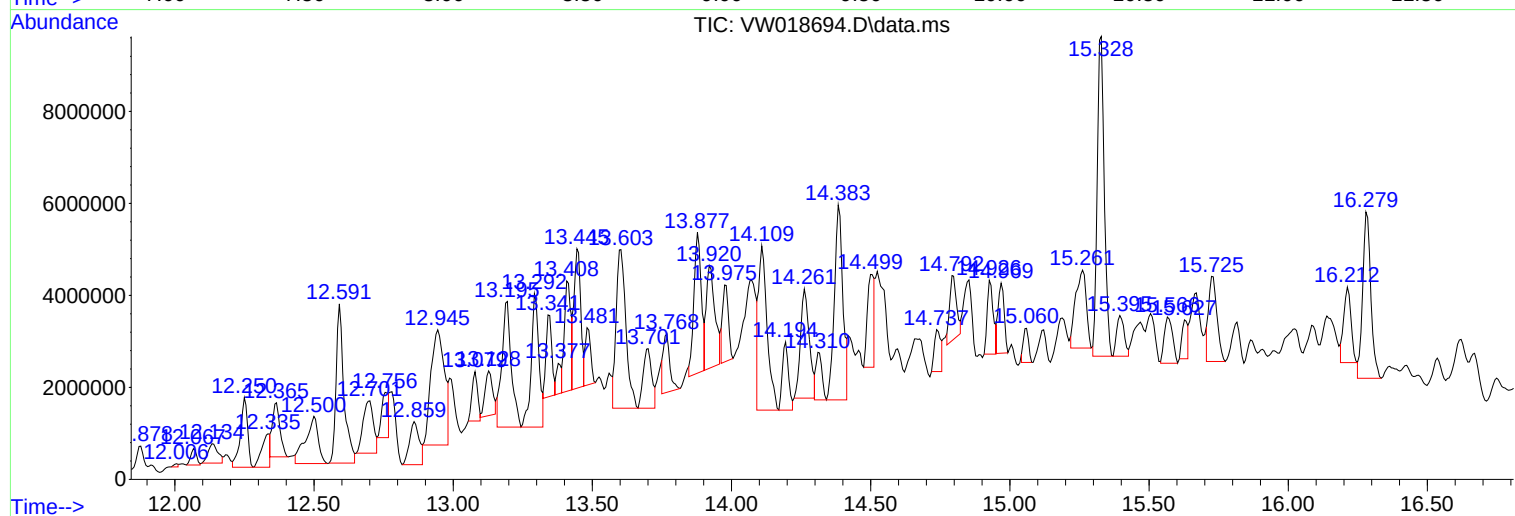
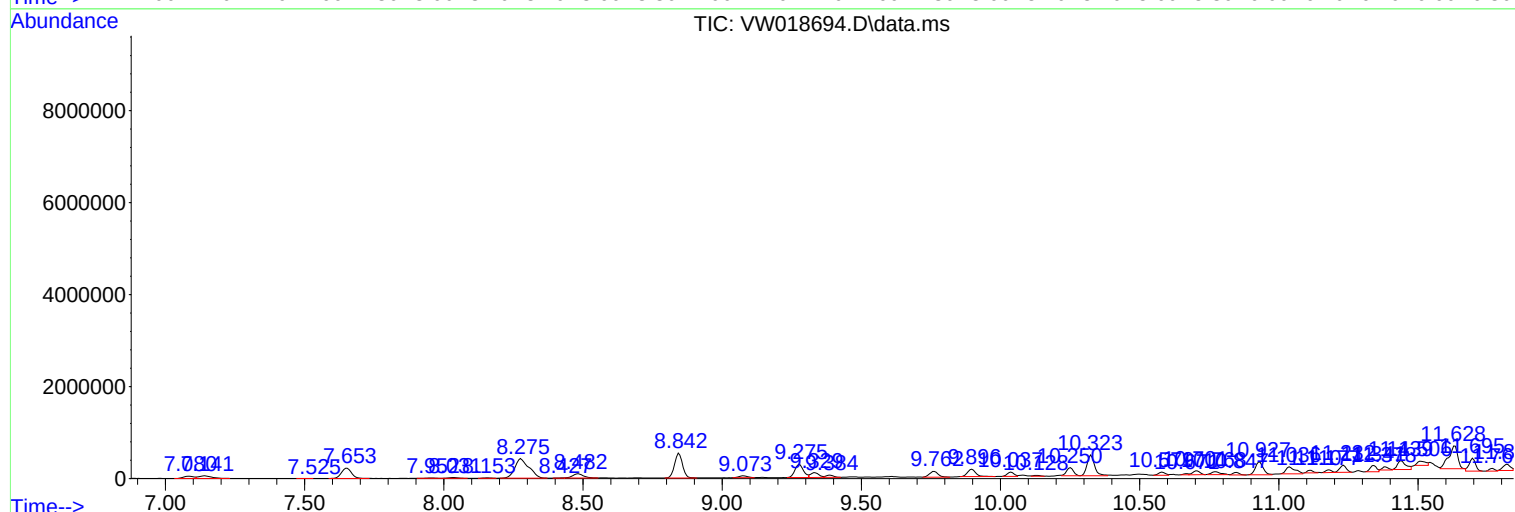
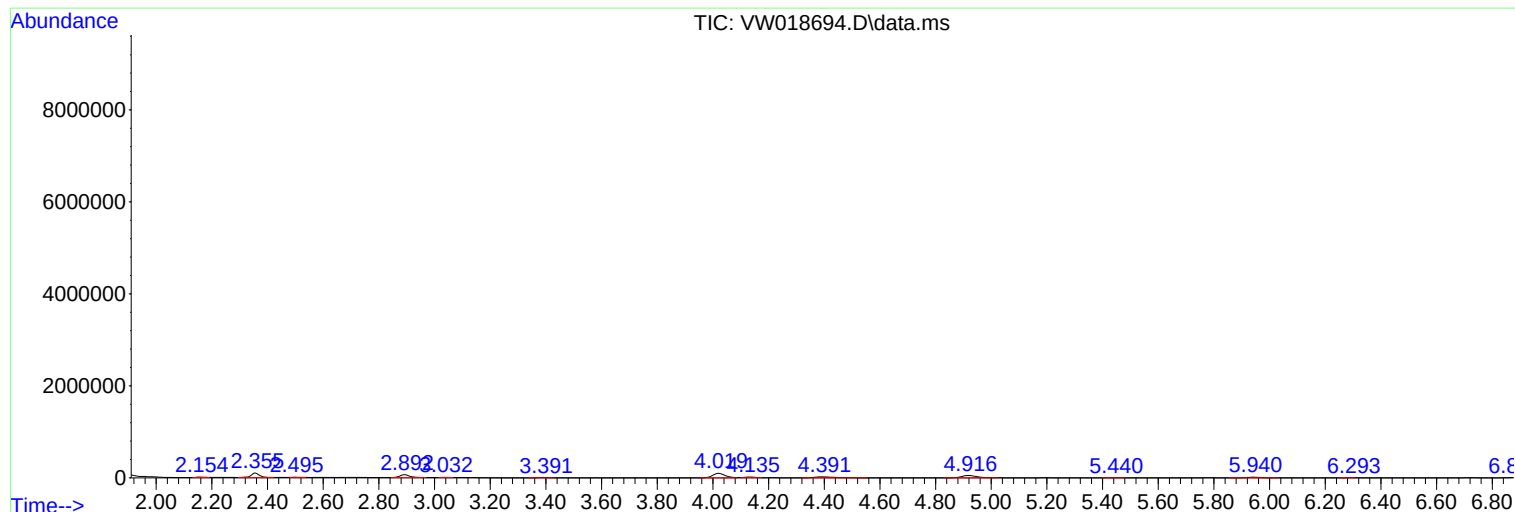
Sum of corrected areas: 176846294

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ALS Vial : 15 Sample Multiplier: 1

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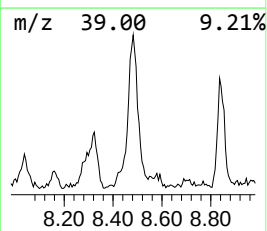
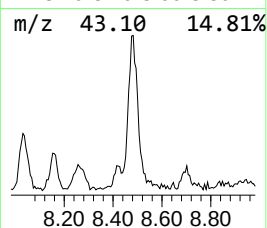
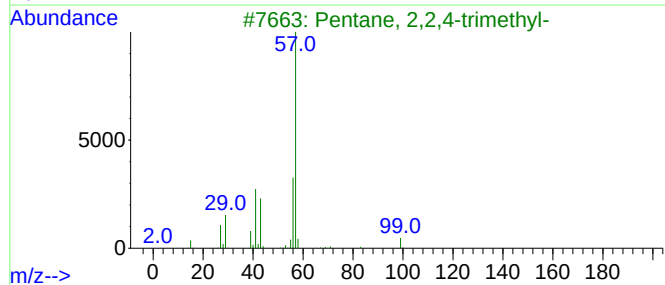
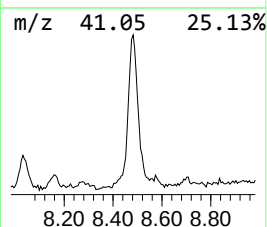
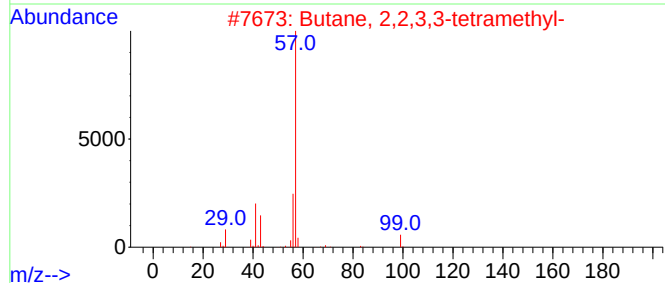
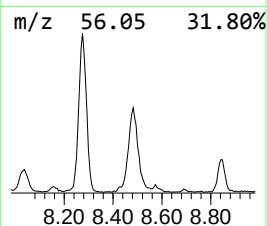
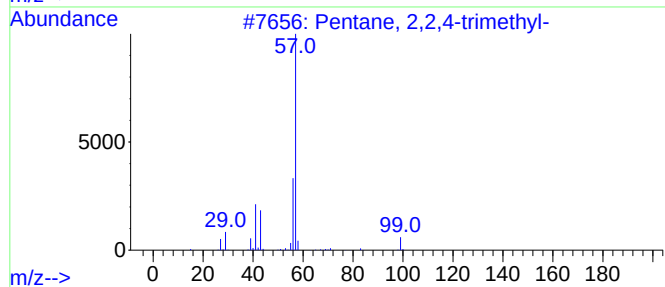
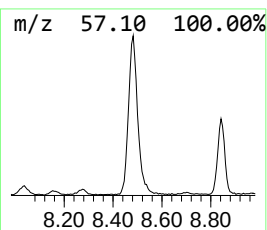
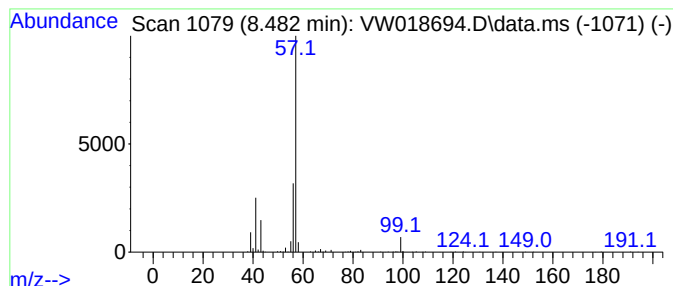
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	5.71 ug/L	244961	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
5			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72



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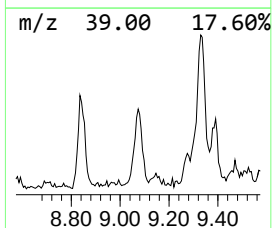
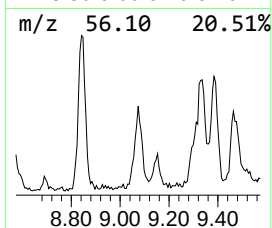
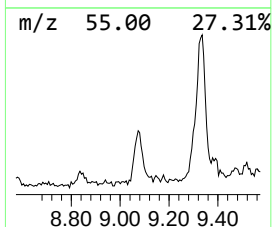
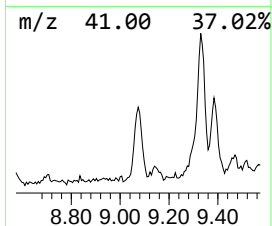
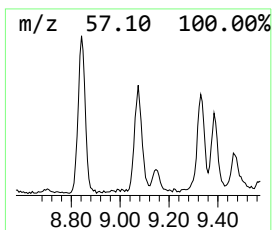
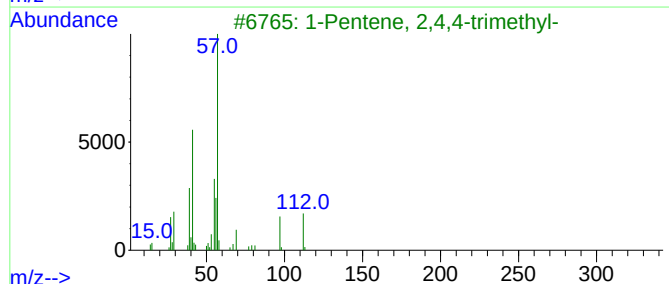
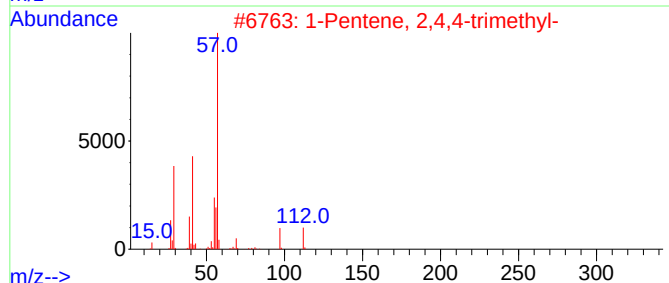
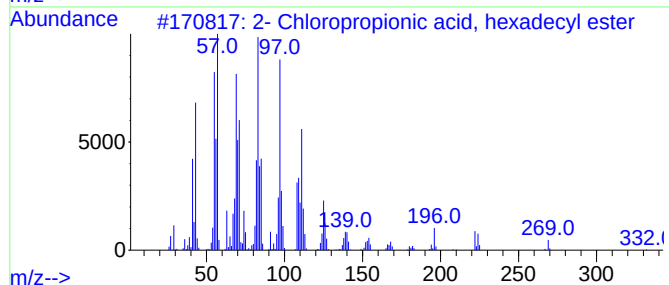
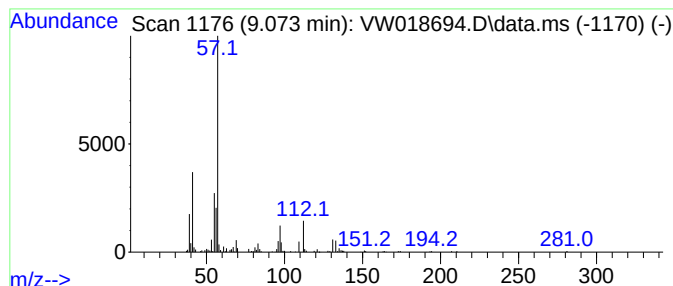
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 2- Chloropropionic acid, he... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	2.15 ug/L	92101	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	59	
2	1-Pentene, 2,4,4-trimethyl-		112	C8H16	000107-39-1	58	
3	1-Pentene, 2,4,4-trimethyl-		112	C8H16	000107-39-1	55	
4	2-Hexene, 5,5-dimethyl-, (Z)-		112	C8H16	039761-61-0	46	
5	1-Pentene, 2,4,4-trimethyl-		112	C8H16	000107-39-1	46	



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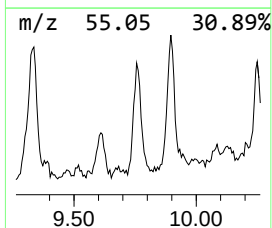
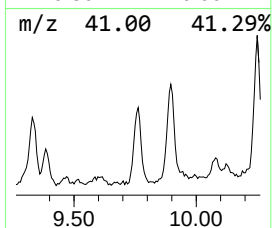
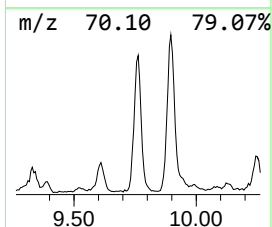
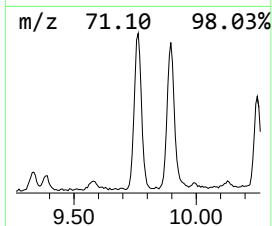
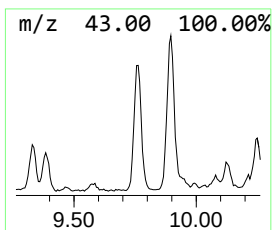
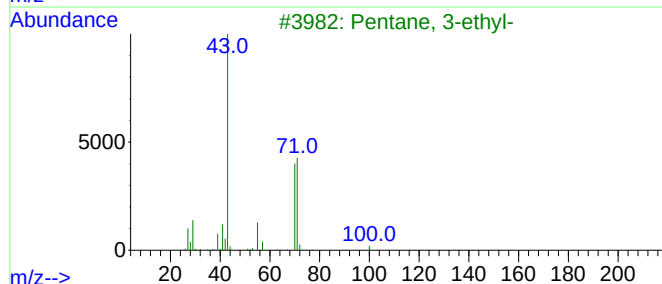
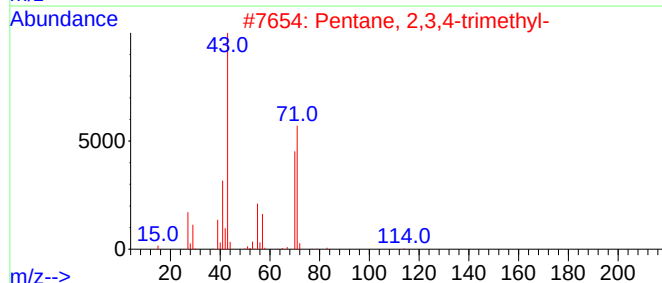
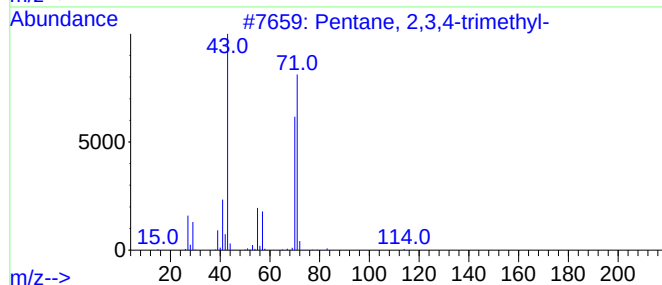
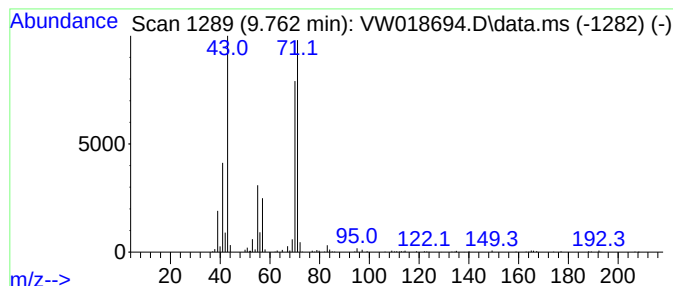
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	6.22 ug/L	266853	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

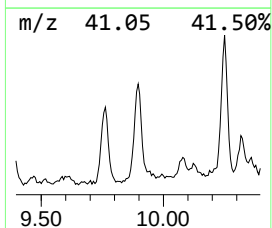
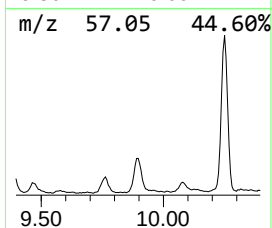
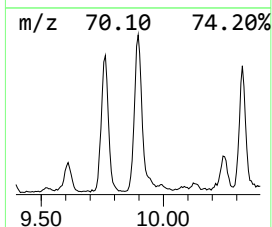
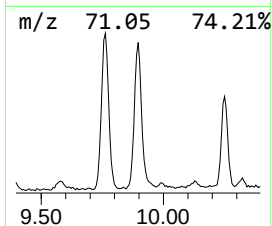
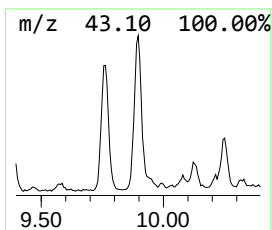
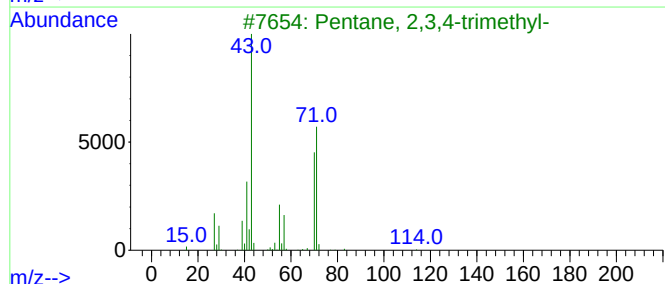
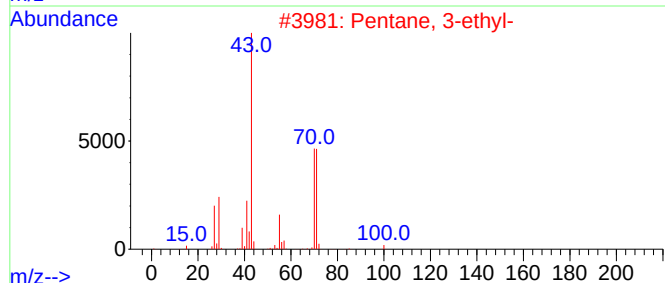
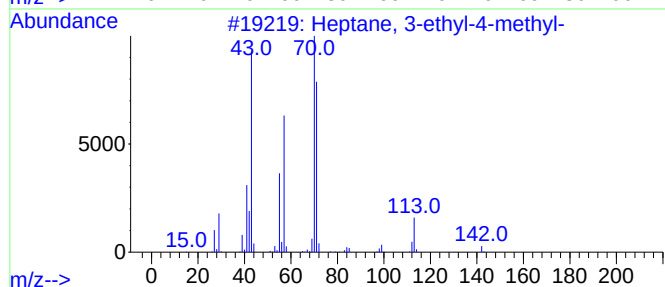
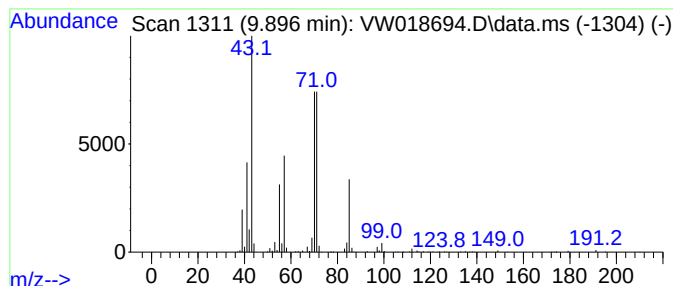
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	7.86 ug/L	337080	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	72
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	62
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

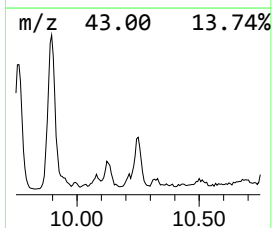
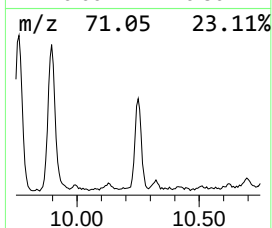
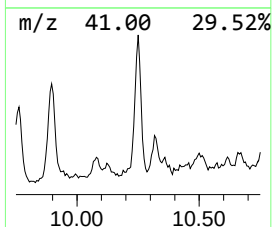
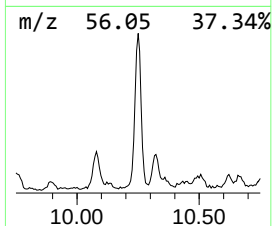
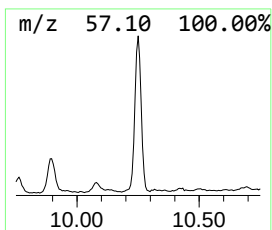
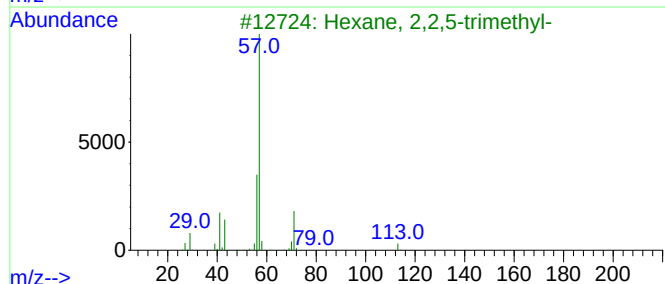
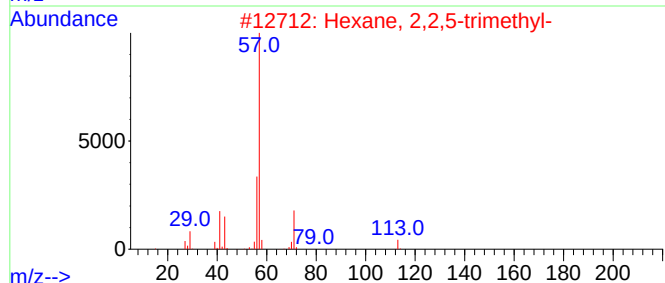
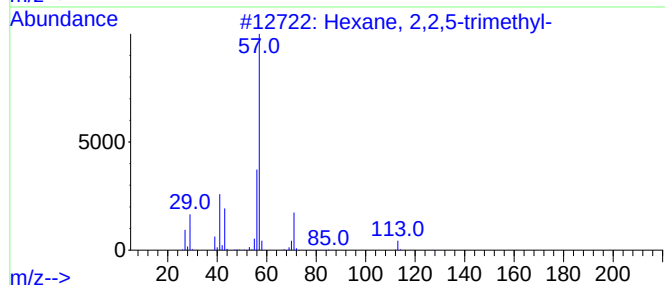
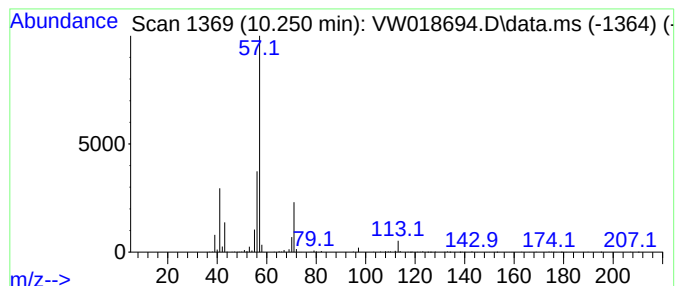
Instrument :
MSVOA_W
ClientSampleId :
BG568

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

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.250	6.89 ug/L	304972	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	78
2	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	78
3	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	72
4	Hexane, 2,2,4-trimethyl-		128	C9H20	016747-26-5	64
5	Hexane, 2,2,4-trimethyl-		128	C9H20	016747-26-5	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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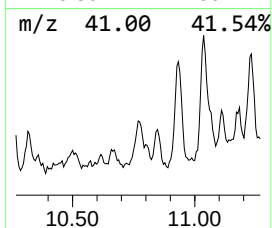
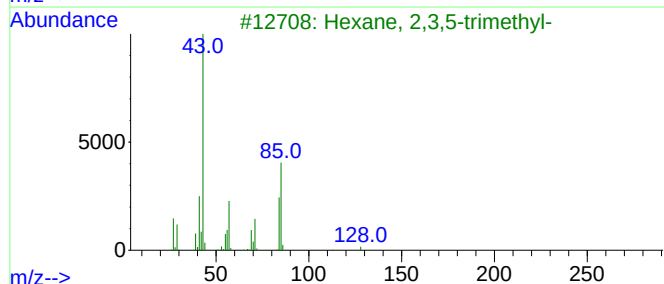
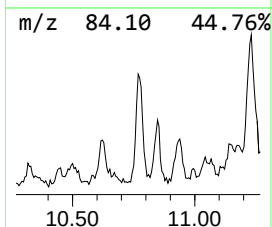
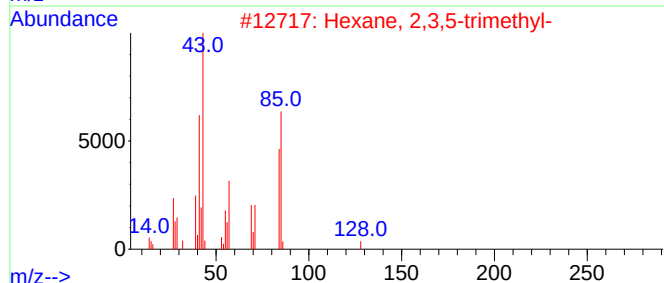
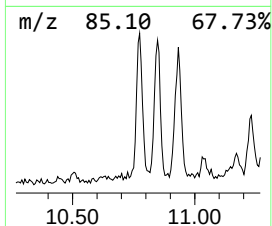
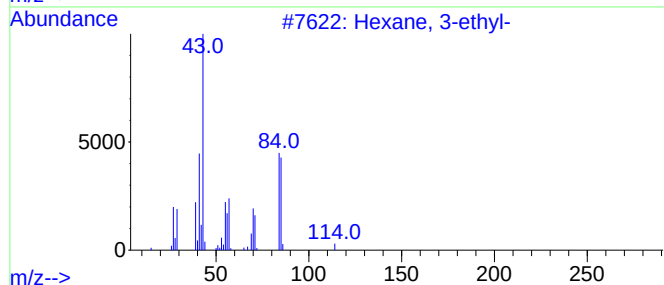
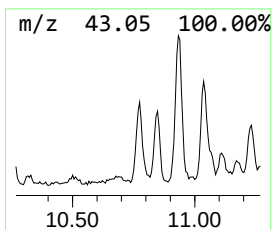
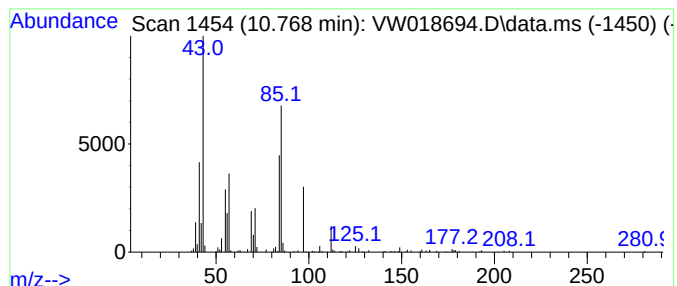
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.768	3.24 ug/L	143300	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
2			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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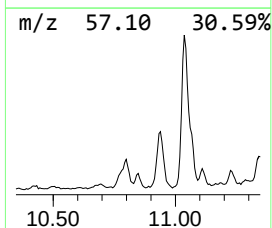
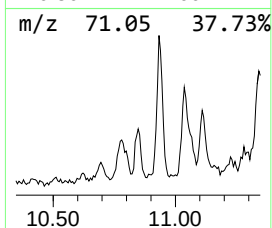
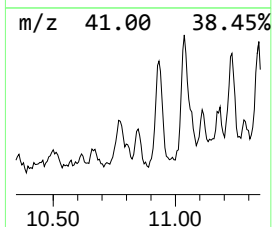
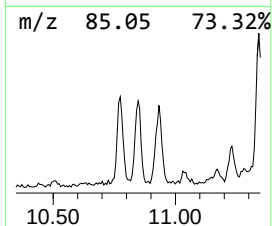
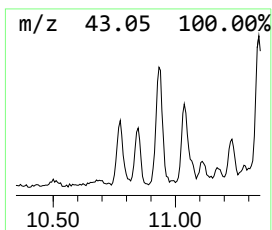
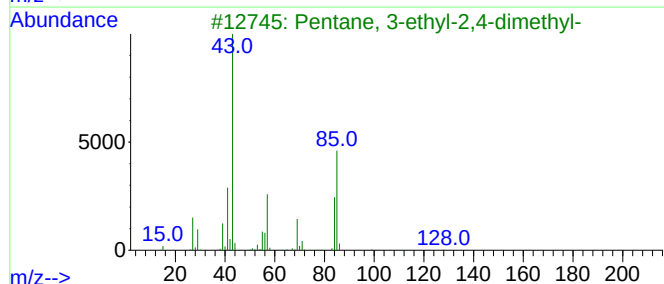
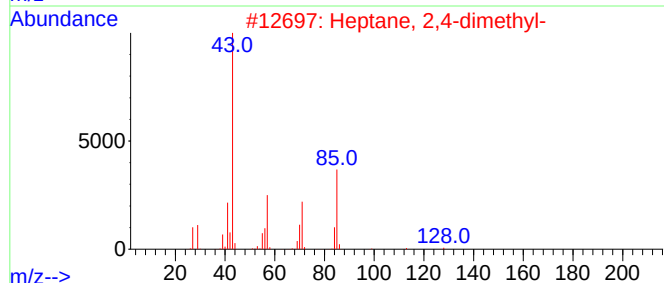
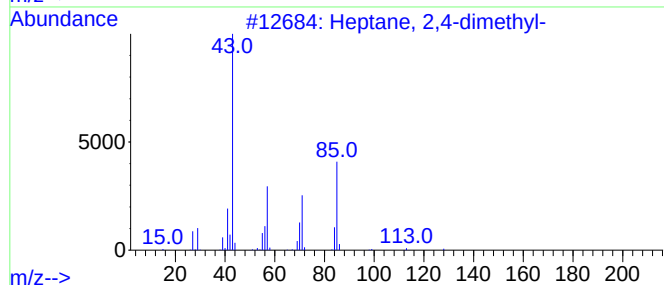
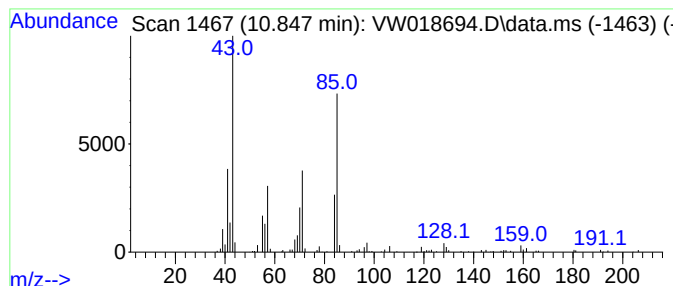
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	2.01 ug/L	88993	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
4			Octane, 4-methyl-	128	C9H20	002216-34-4	58
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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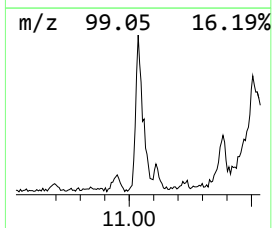
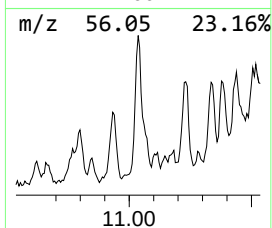
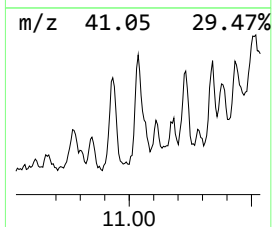
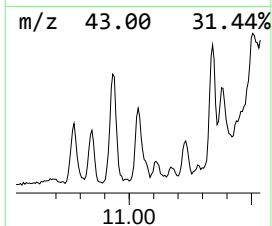
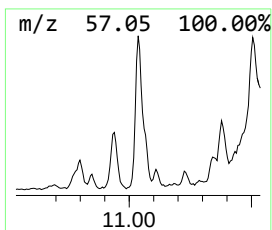
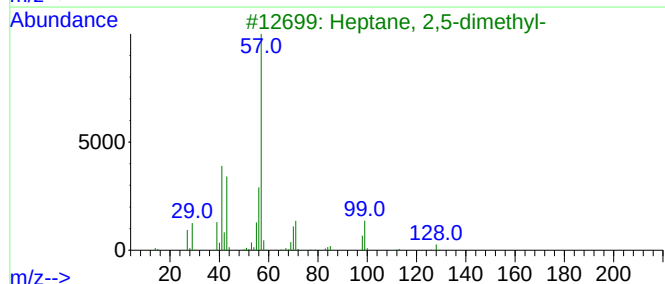
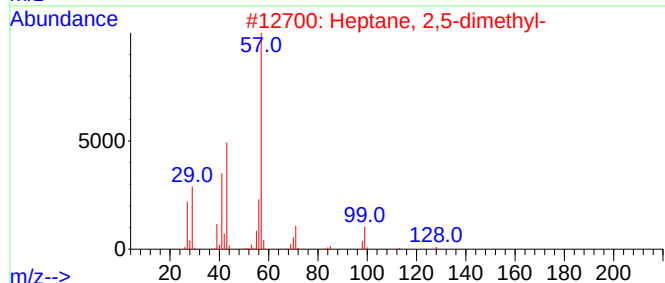
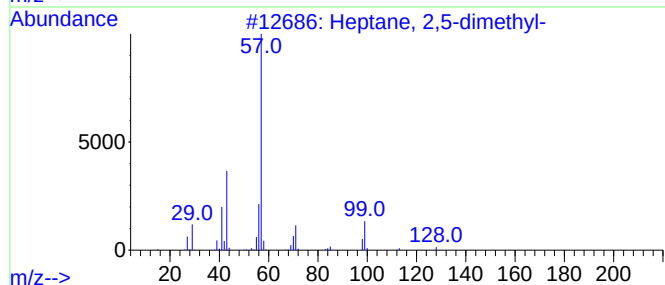
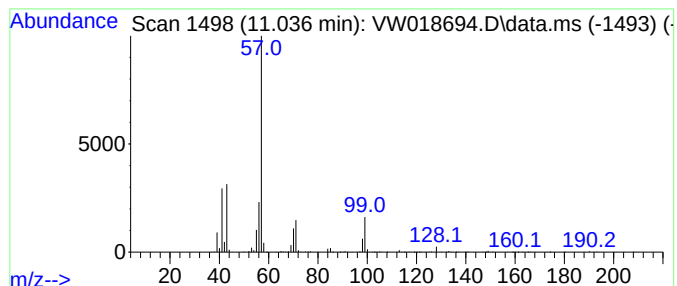
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	8.15 ug/L	360802	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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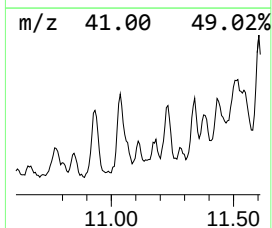
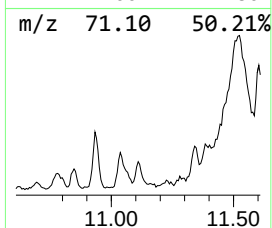
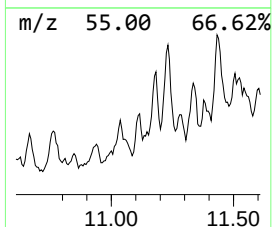
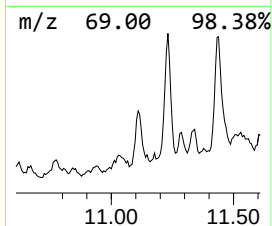
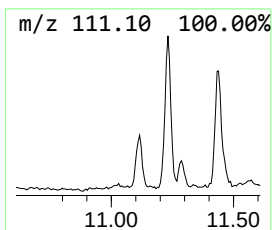
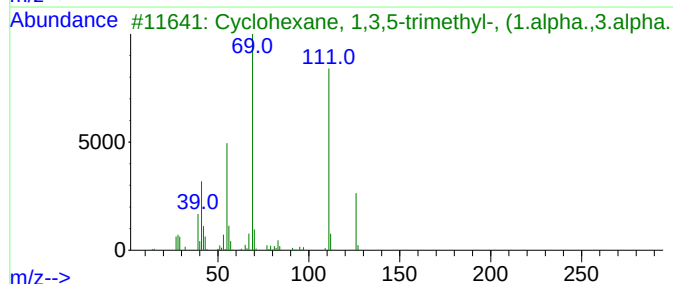
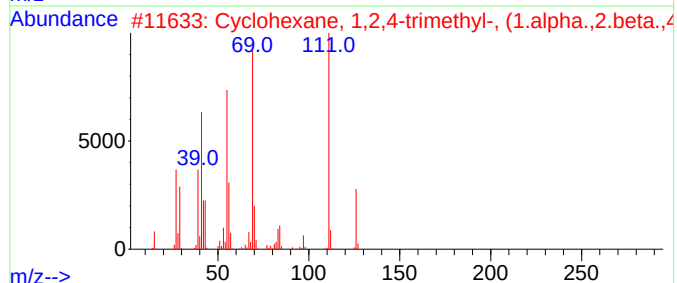
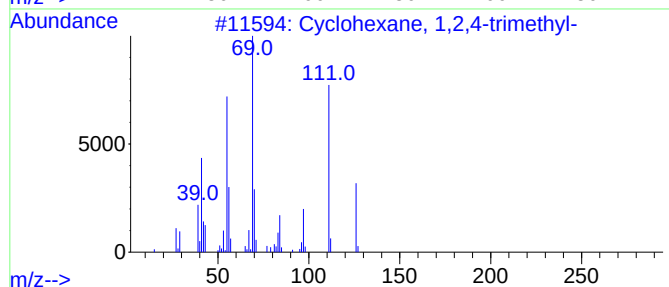
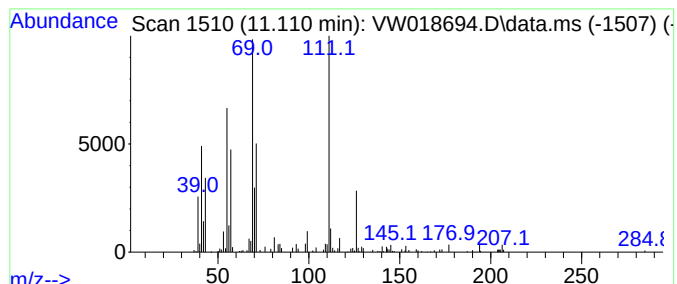
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic11.110 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	2.07 ug/L	91672	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	62
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	62
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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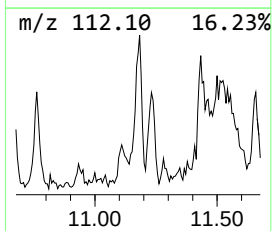
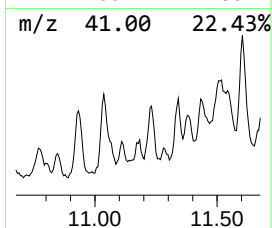
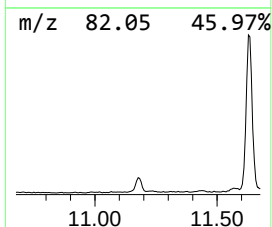
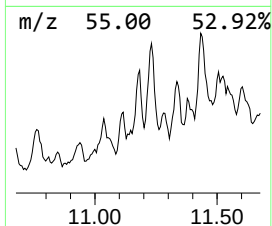
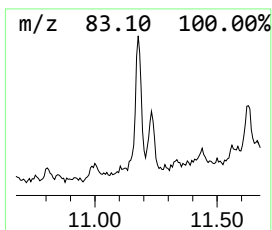
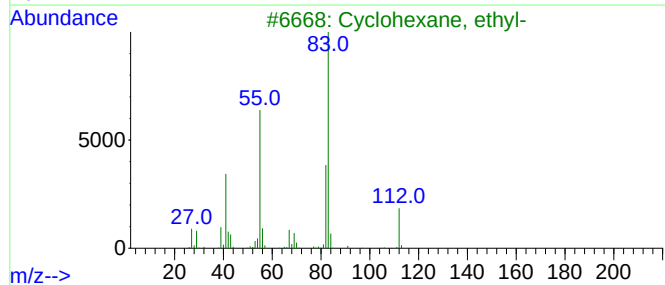
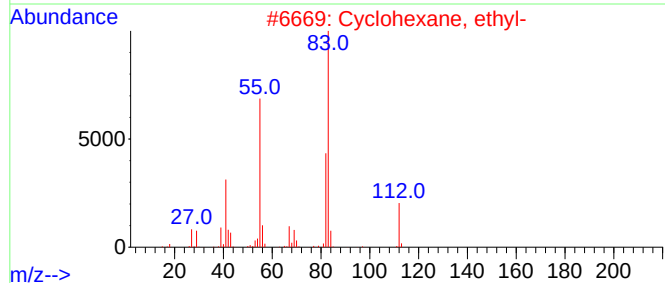
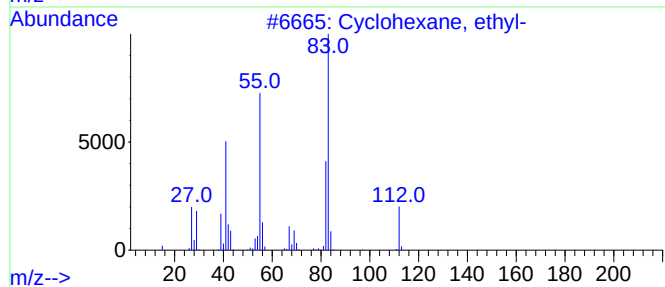
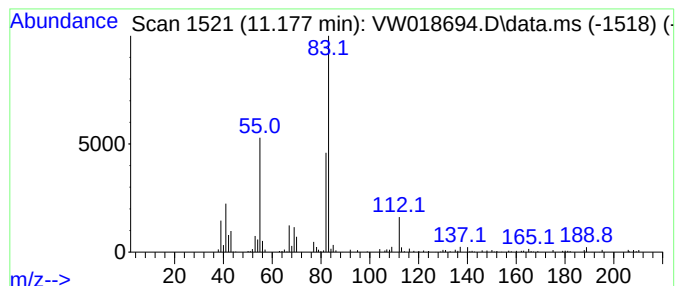
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic11.177 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	2.01 ug/L	89178	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

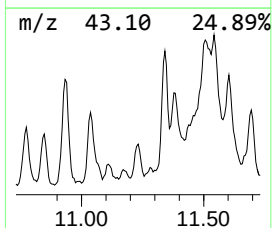
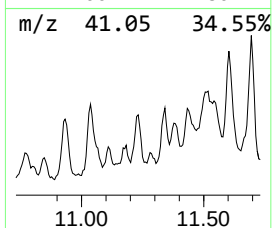
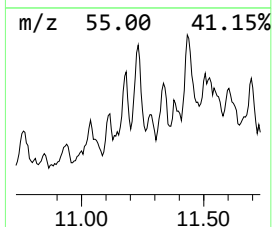
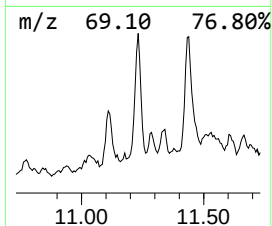
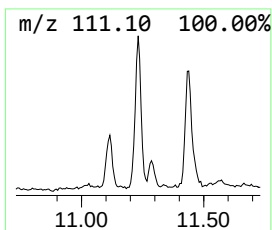
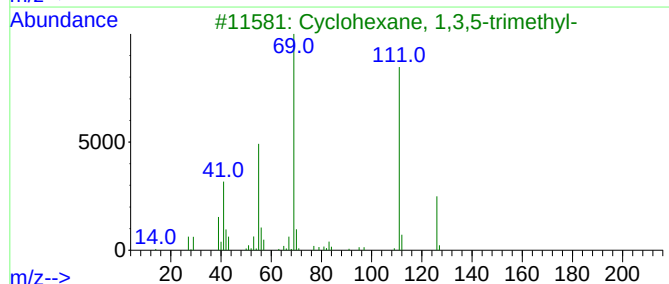
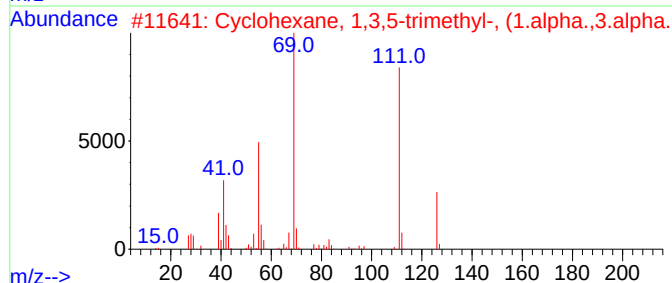
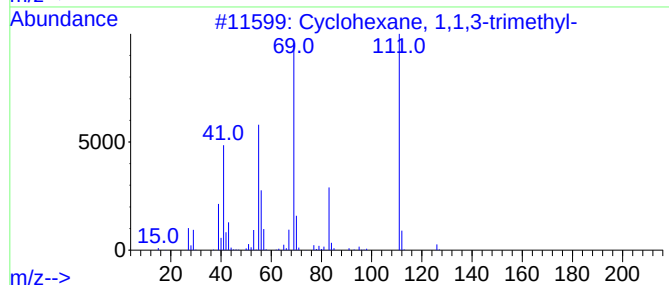
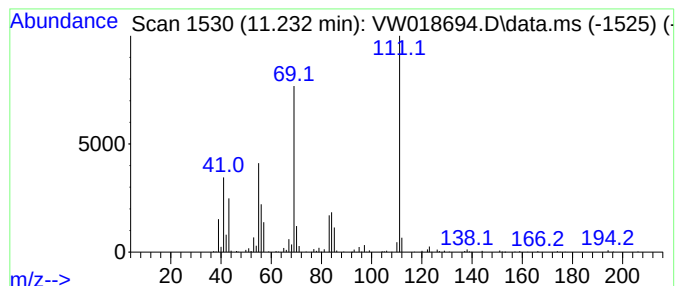
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic11.232 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	5.73 ug/L	253539	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	64
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

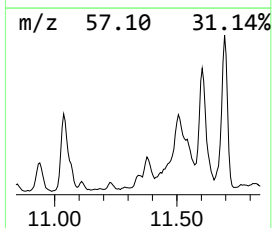
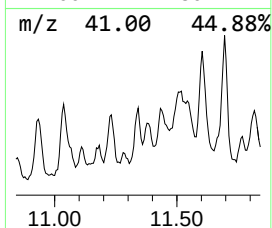
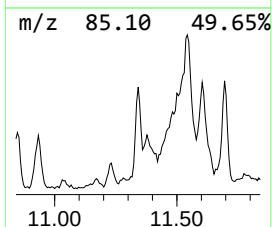
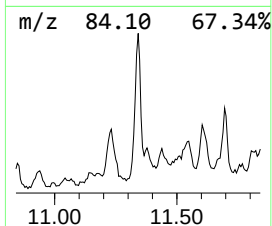
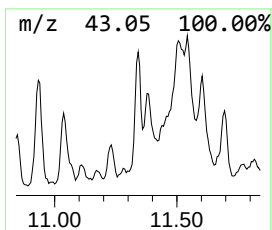
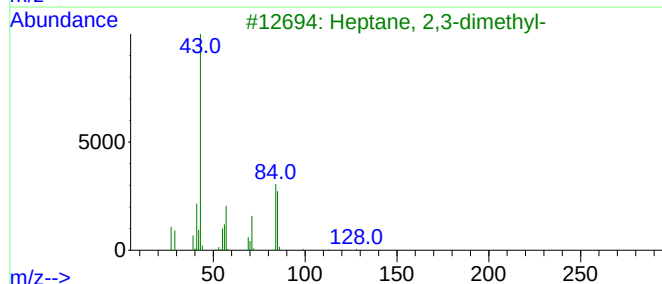
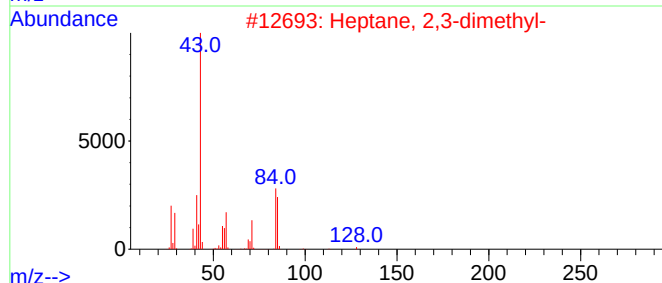
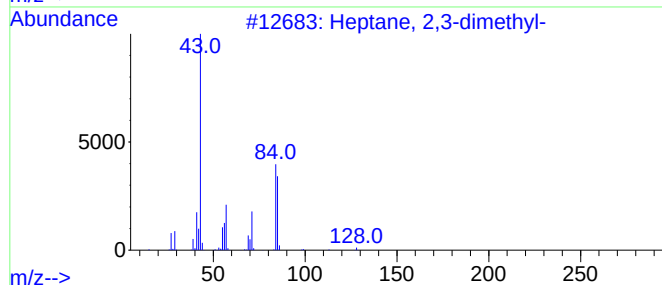
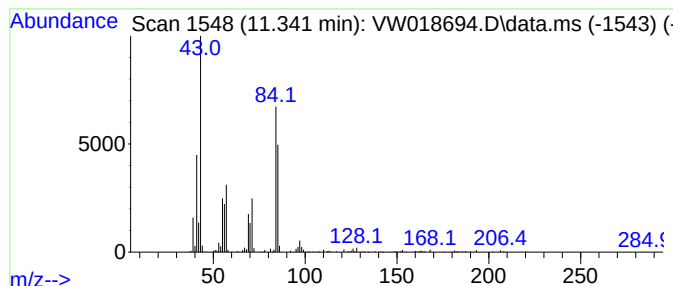
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.341	5.09 ug/L	225327	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	76
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4			1-Octene, 4-methyl-	126	C9H18	013151-12-7	53
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

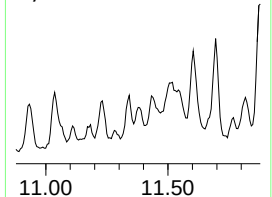
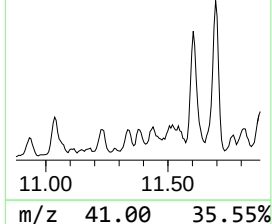
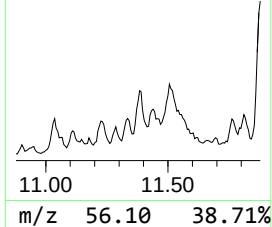
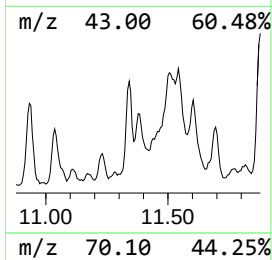
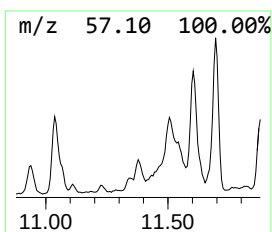
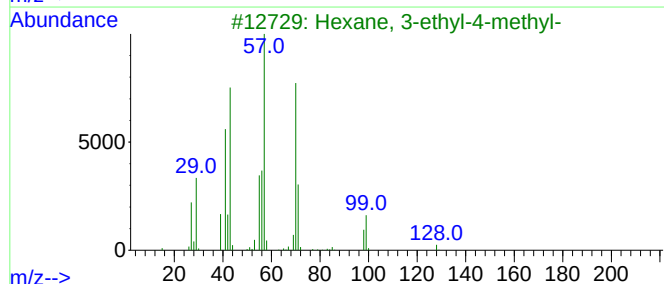
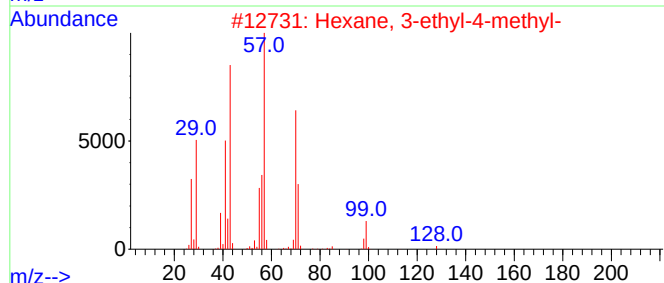
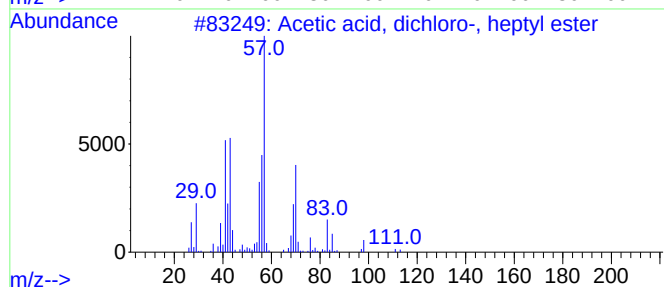
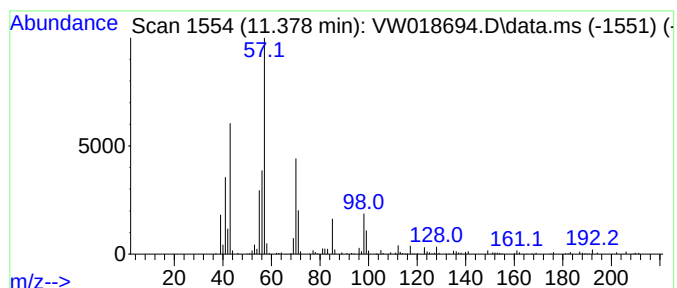
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Quant Title : SFAM01.0

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

Peak Number 16 Acetic acid, dichloro-, hep... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	2.41 ug/L	106541	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, dichloro-, heptyl e...	226	C9H16Cl2O2	083004-97-1	59
2			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	50
3			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	50
4			2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	50
5			Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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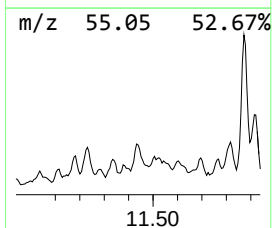
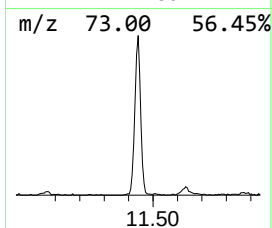
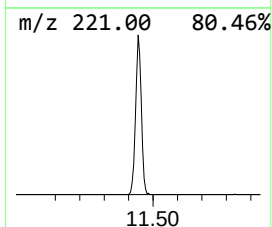
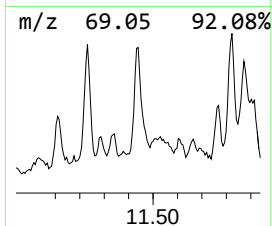
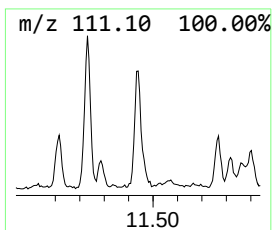
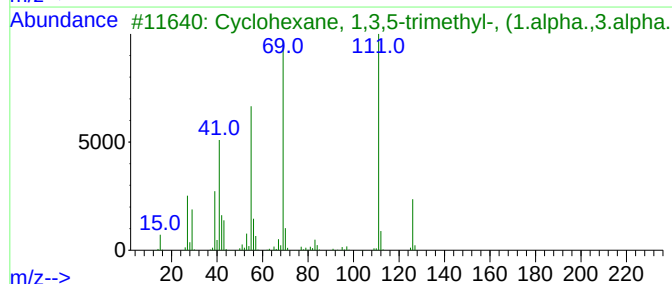
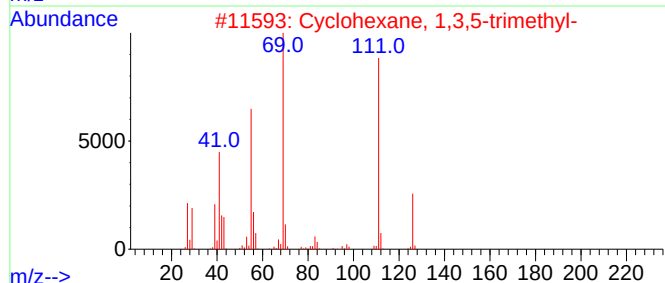
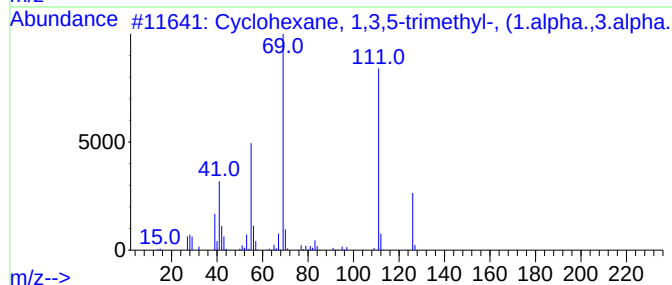
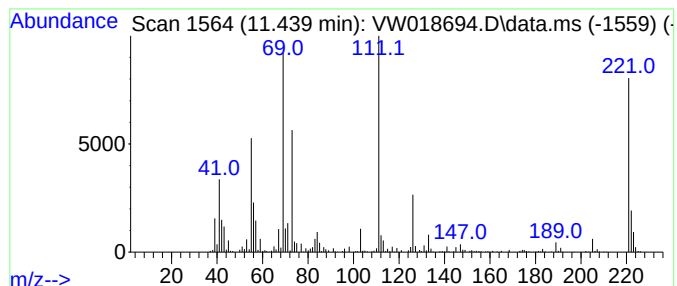
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.439 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	9.39 ug/L	415821	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	55
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	55
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	55
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	55
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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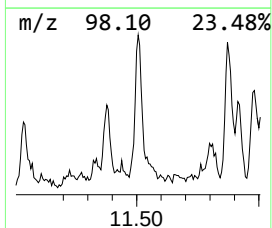
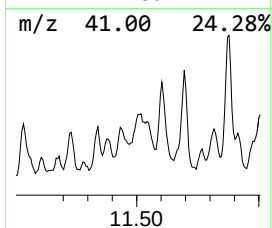
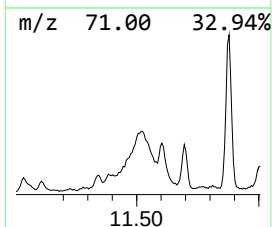
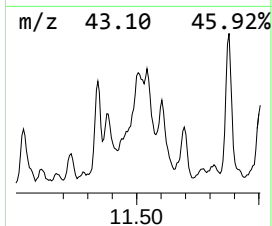
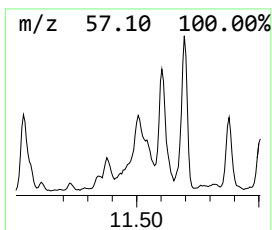
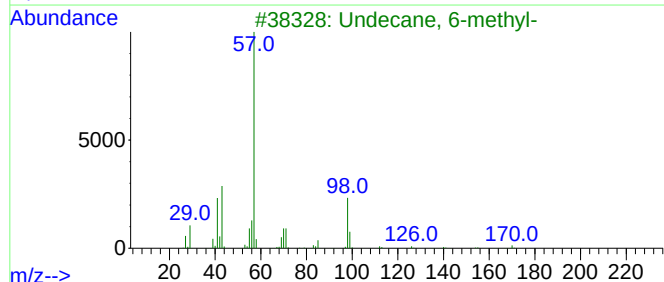
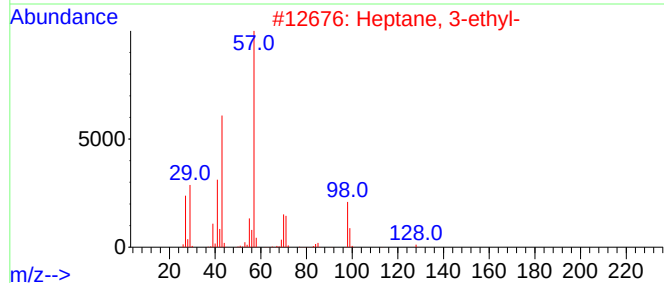
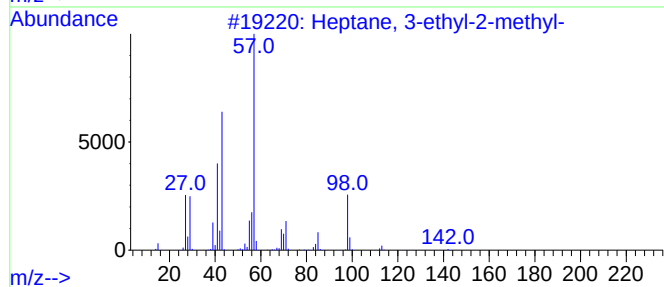
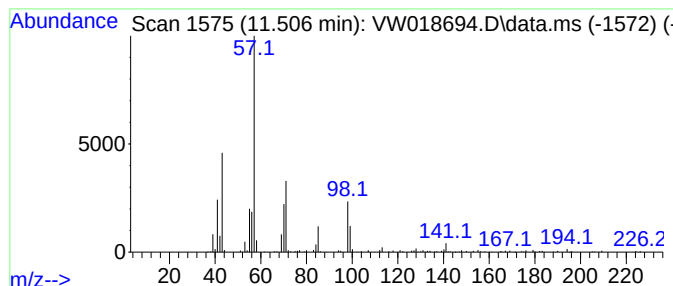
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.506	4.43 ug/L	196102	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	70
2			Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	53
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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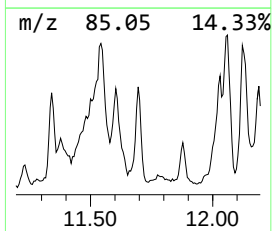
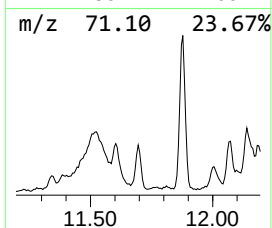
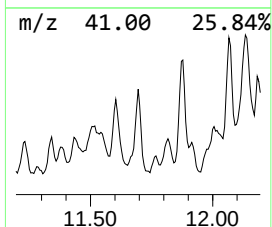
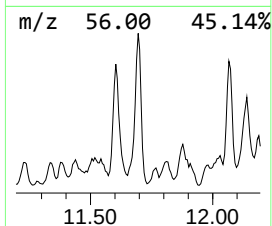
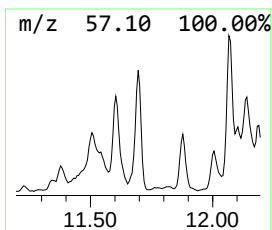
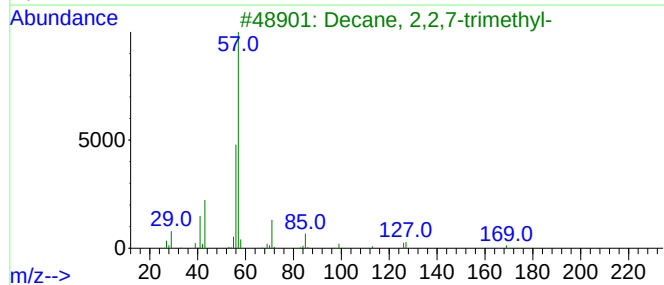
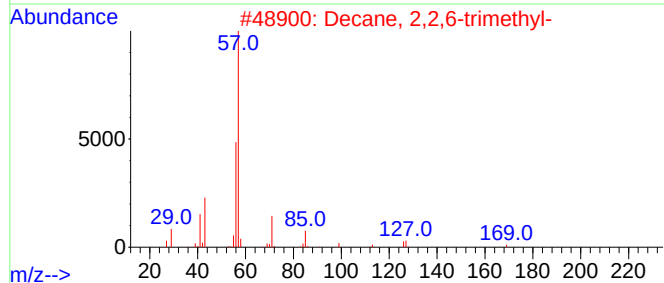
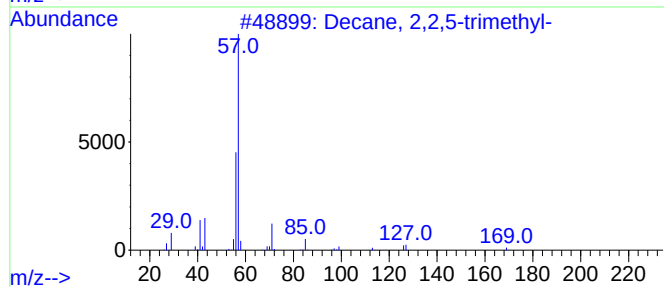
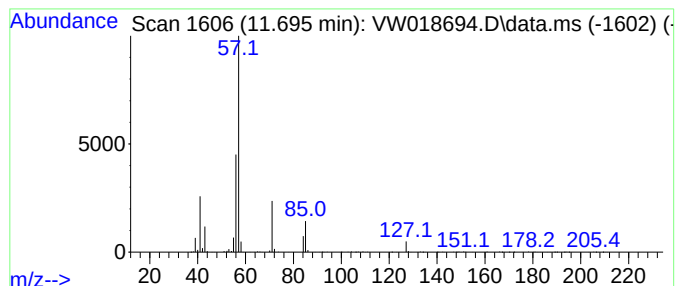
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.695	9.88 ug/L	437172	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	78
2		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	78
3		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	72
4		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	72
5		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

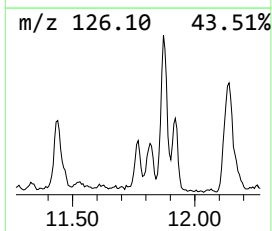
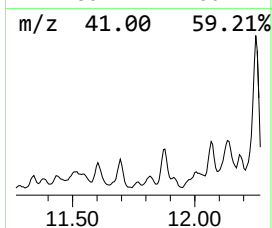
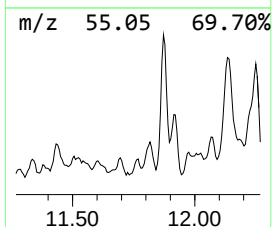
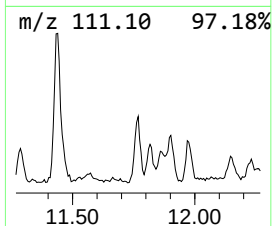
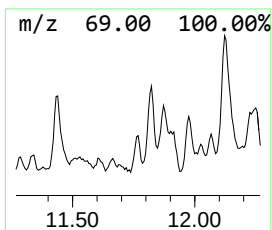
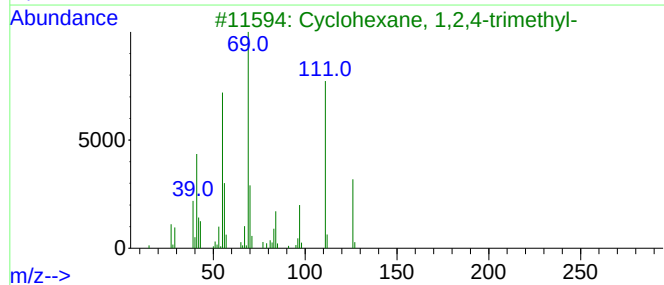
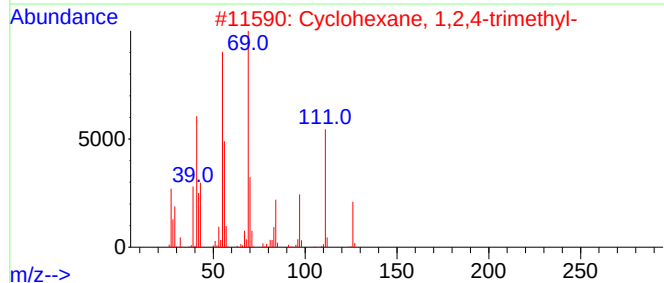
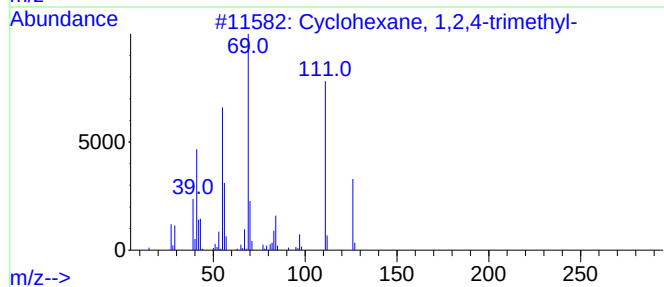
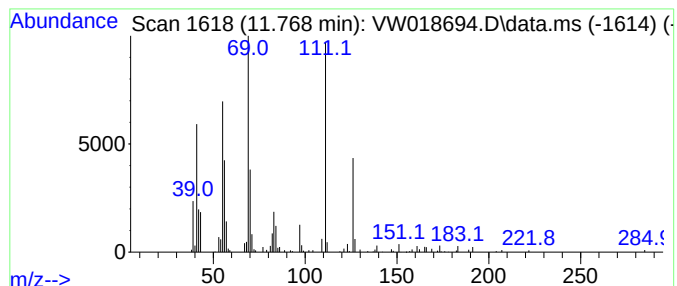
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic11.768 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.768	1.85 ug/L	81724	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	86
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG568

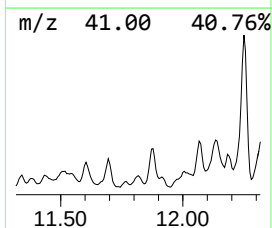
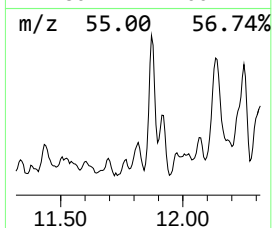
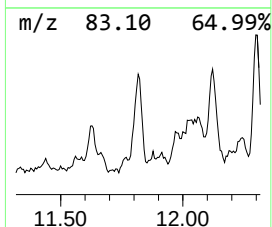
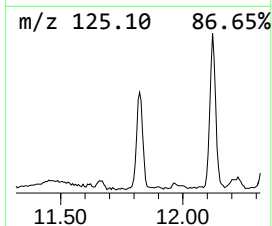
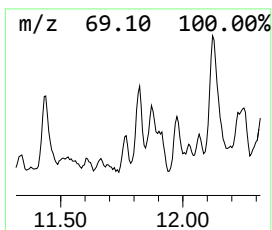
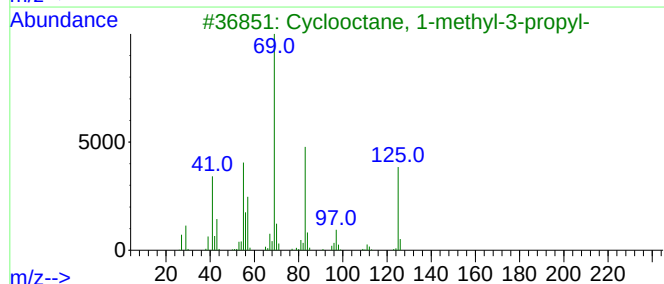
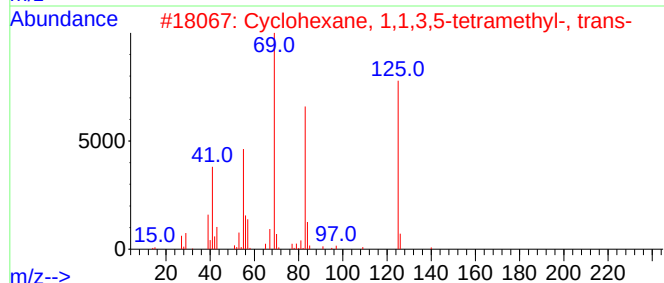
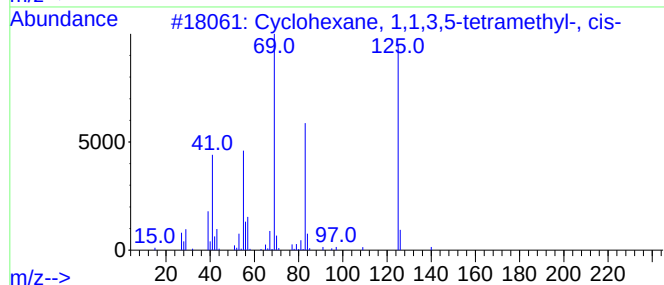
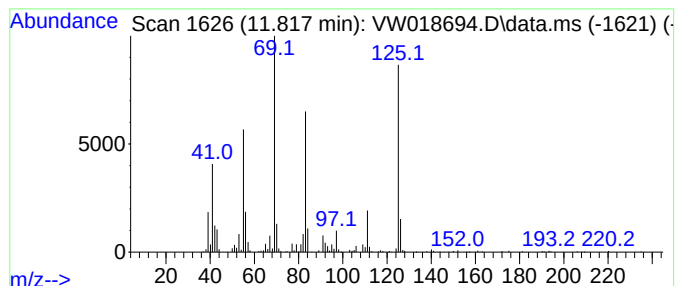
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.817 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.817	5.89 ug/L	260782	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	83
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	81
3			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	78
4			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	72
5			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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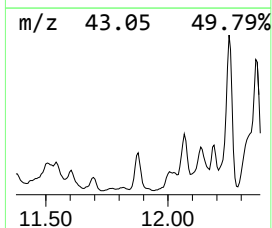
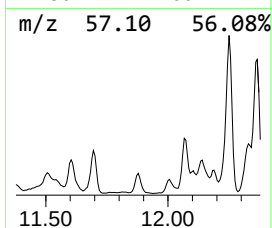
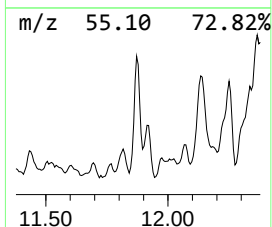
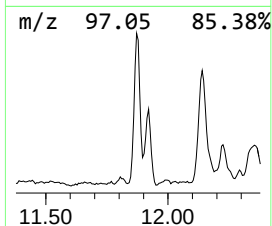
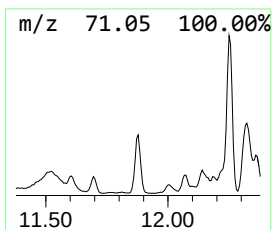
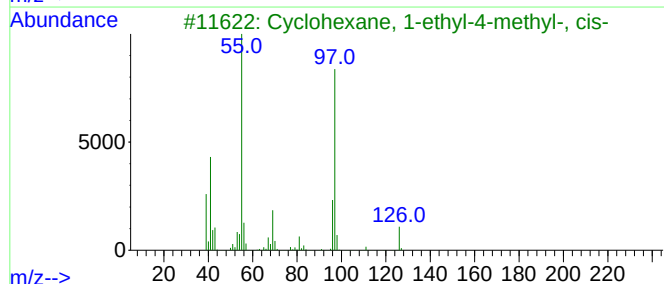
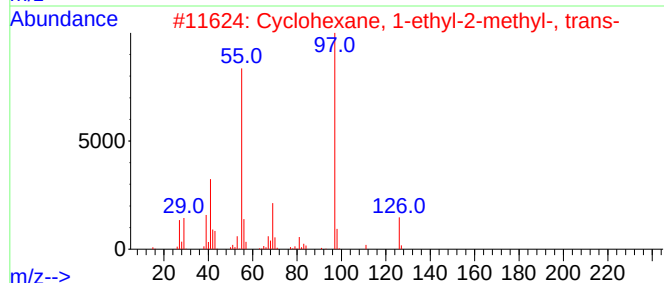
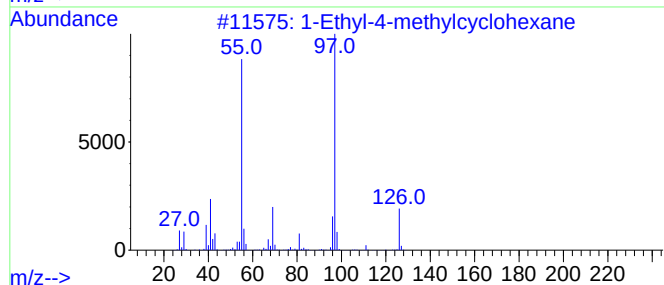
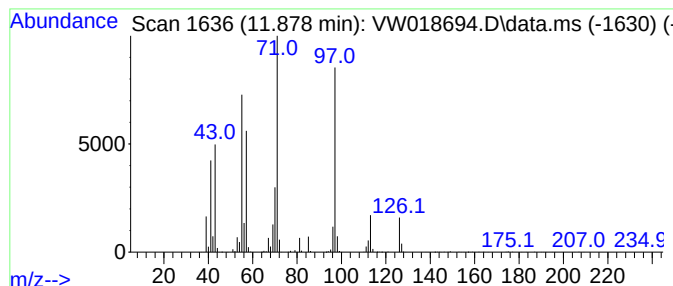
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic11.878 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	18.86 ug/L	834979	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	42
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	42
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	41
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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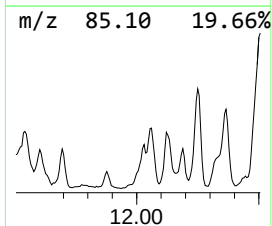
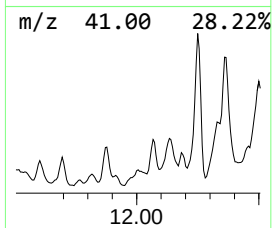
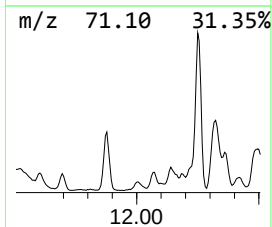
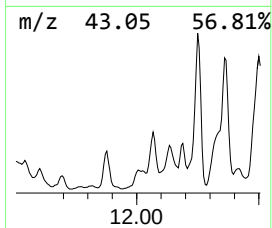
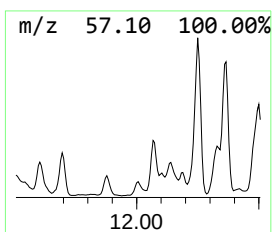
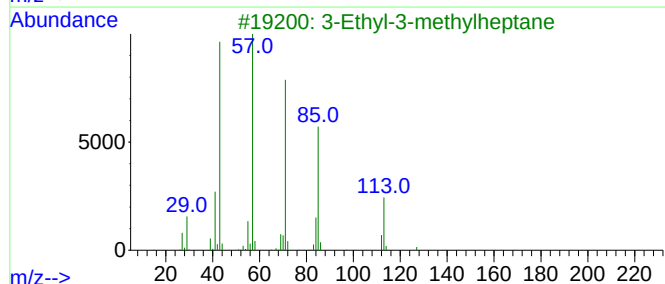
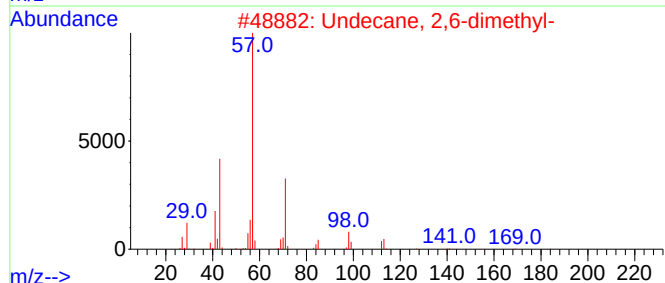
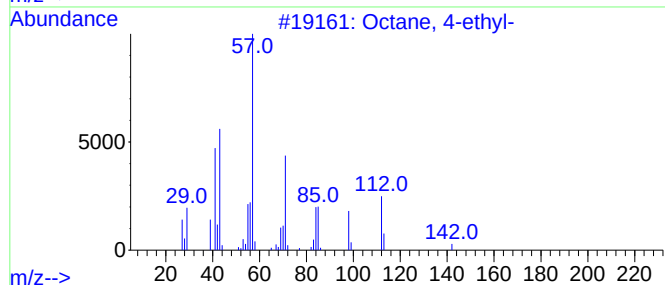
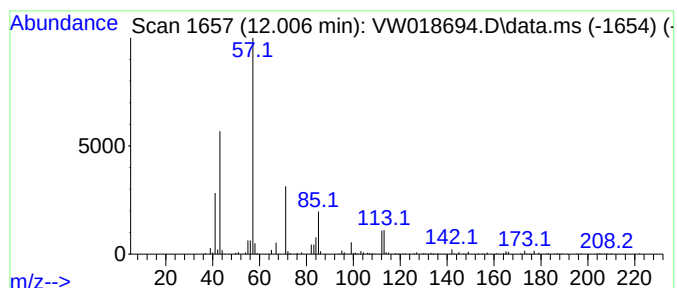
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.006	1.70 ug/L	75440	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-ethyl-	142	C10H22	015869-86-0	59
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50
4		Decane	142	C10H22	000124-18-5	50
5		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

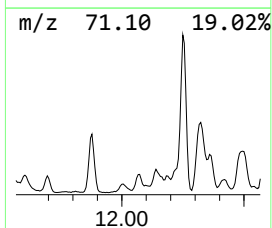
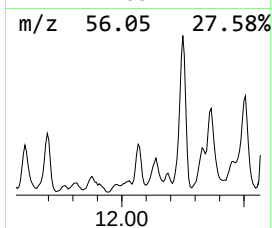
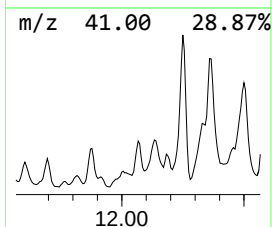
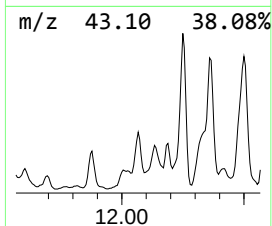
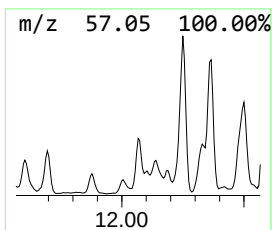
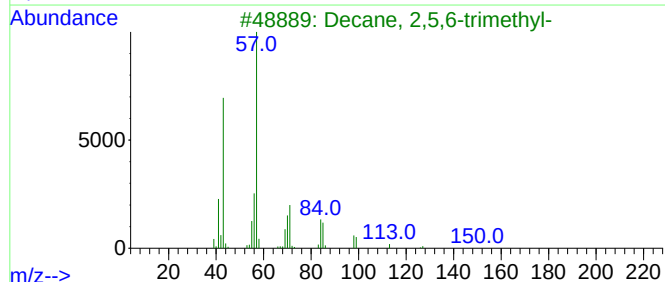
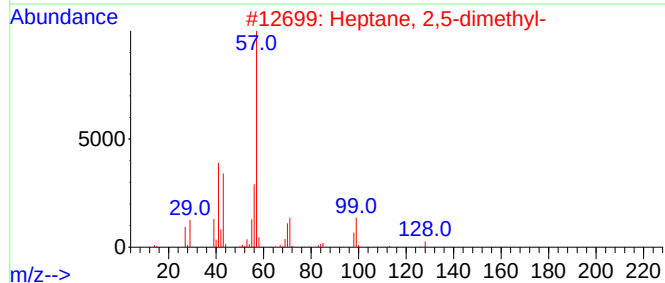
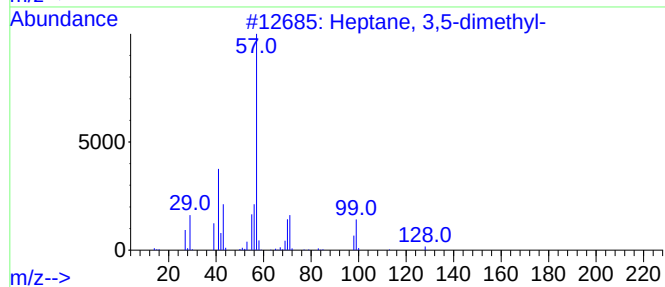
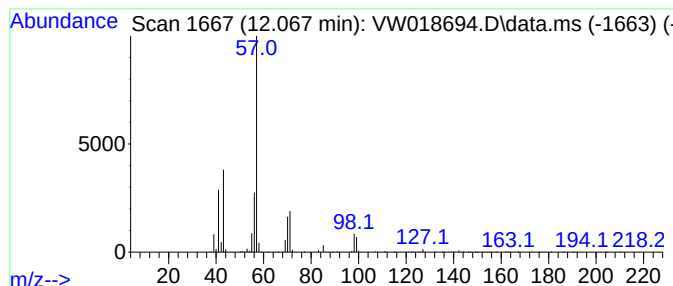
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.067	11.81 ug/L	522834	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
4		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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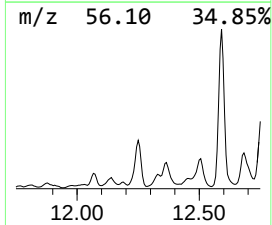
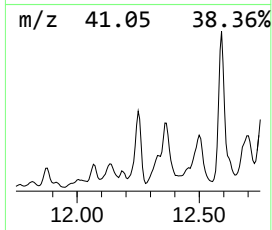
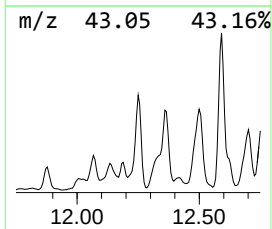
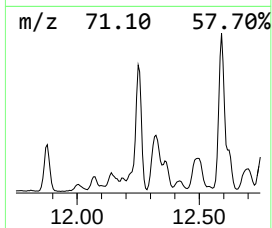
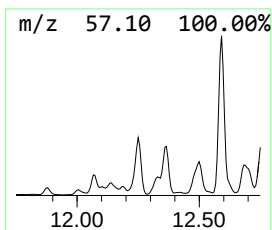
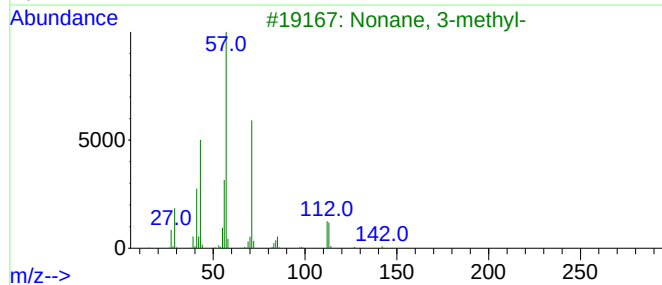
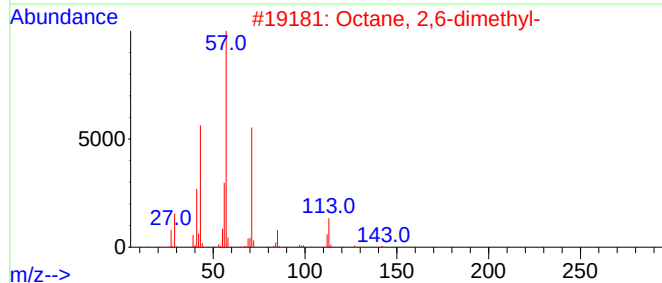
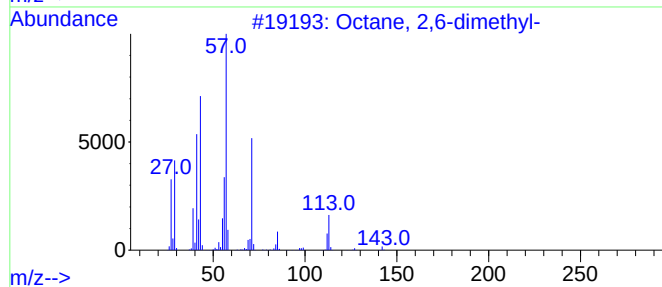
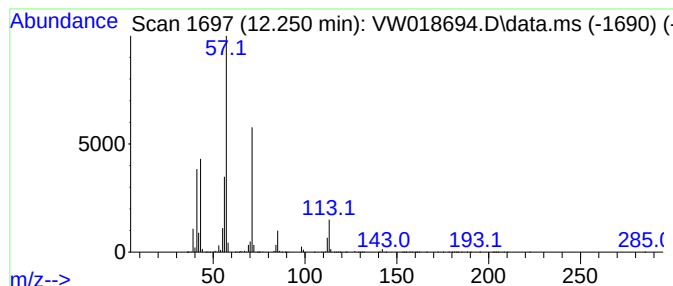
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	60.99 ug/L	2699900	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
2	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-			142	C10H22	005911-04-6	90
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	87
5	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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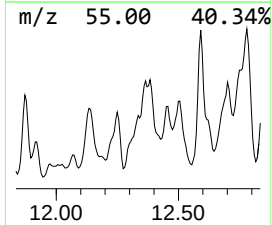
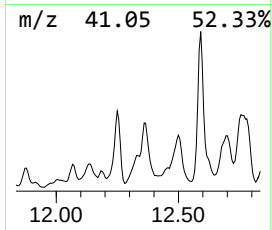
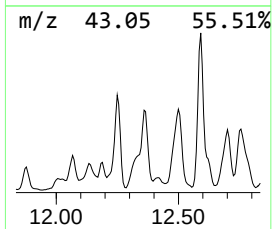
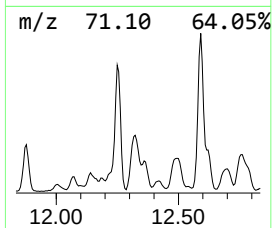
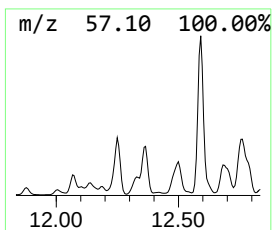
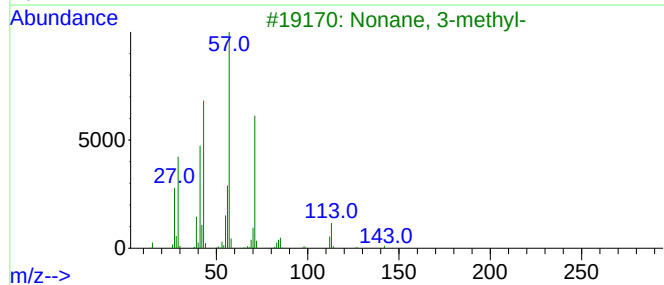
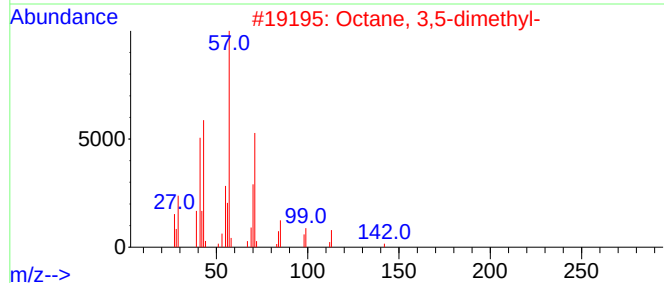
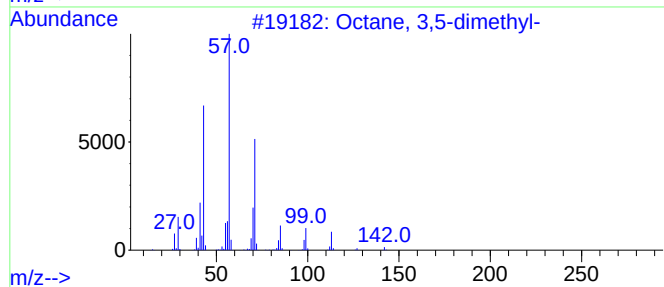
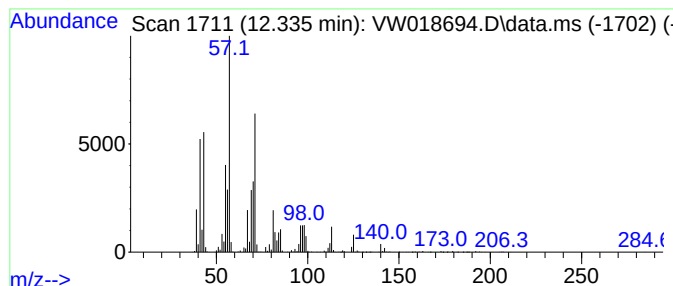
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	34.36 ug/L	1521020	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	58
2	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	52
3	Nonane, 3-methyl-			142	C10H22	005911-04-6	50
4	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	43
5	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

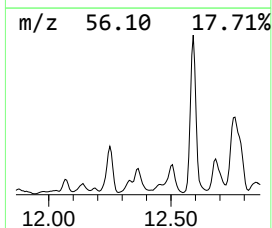
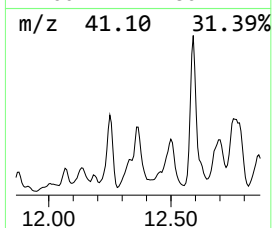
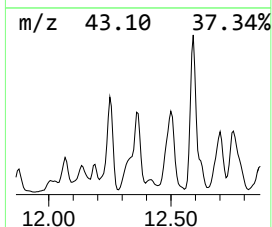
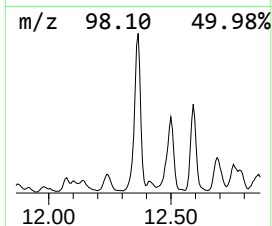
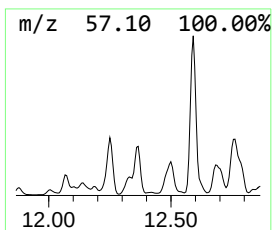
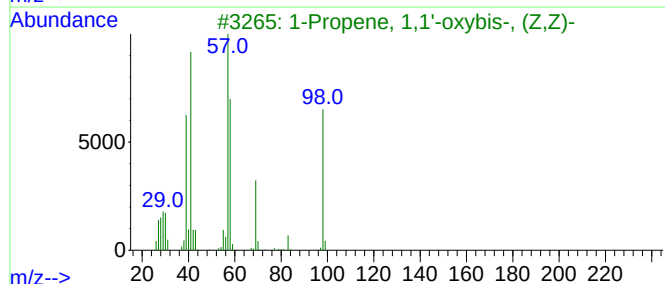
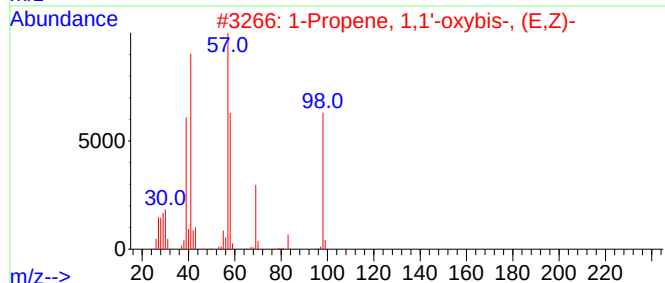
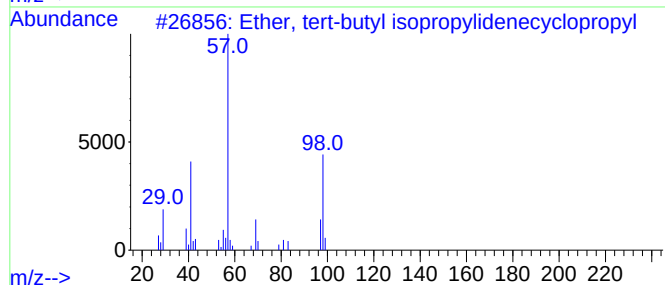
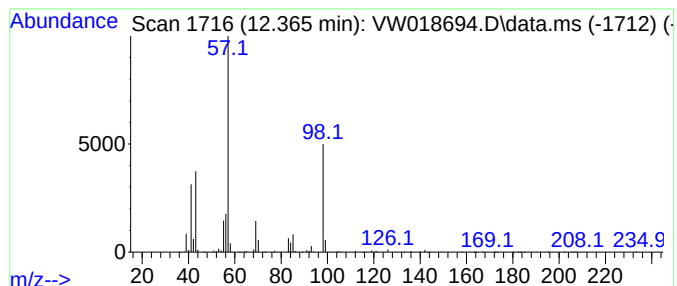
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Quant Title : SFAM01.0

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

Peak Number 27 Ether, tert-butyl isopropyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.366	49.46 ug/L	2189320	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	64
2			1-Propene, 1,1'-oxybis-, (E,Z)-	98	C6H10O	004696-29-1	53
3			1-Propene, 1,1'-oxybis-, (Z,Z)-	98	C6H10O	004696-27-9	47
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

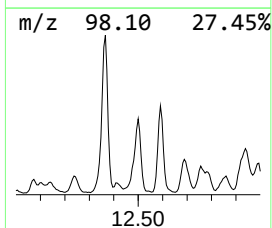
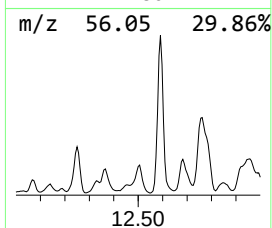
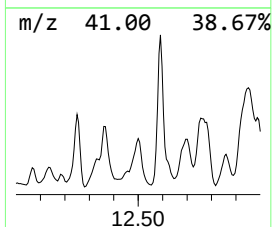
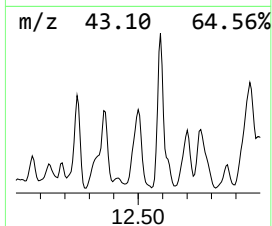
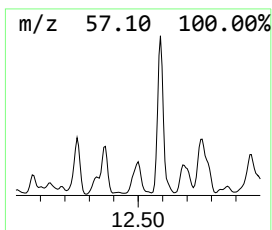
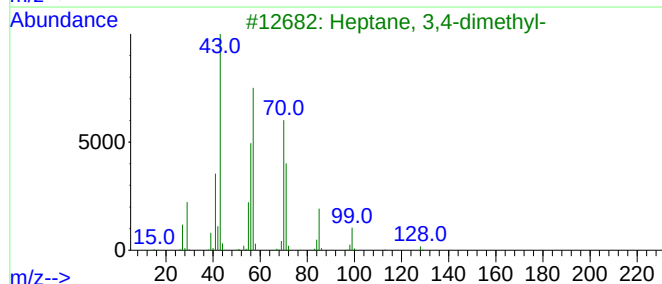
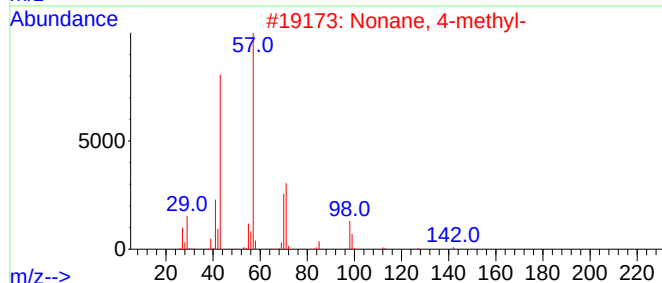
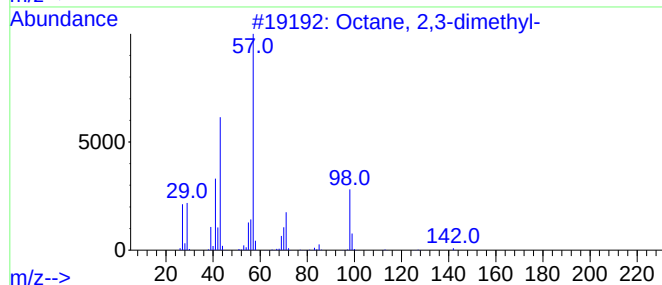
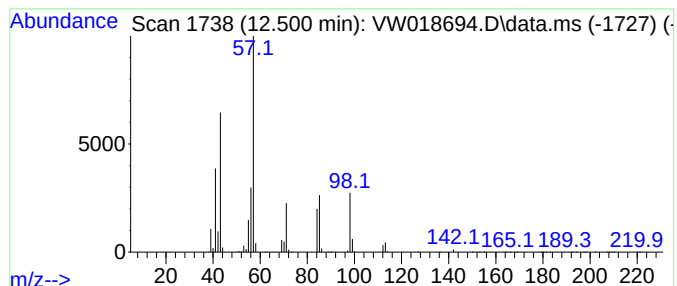
Instrument :
MSVOA_W
ClientSampleId :
BG568

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

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.500	72.40 ug/L	3204850	Chlorobenzene-d5			11.634
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	46
2	Nonane, 4-methyl-		142	C10H22	017301-94-9	43
3	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	43
4	Oxalic acid, isobutyl hexyl ester		230	C12H22O4	1000309-37-1	43
5	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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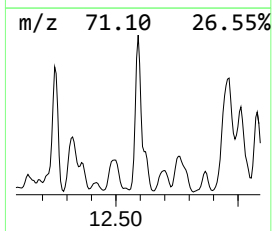
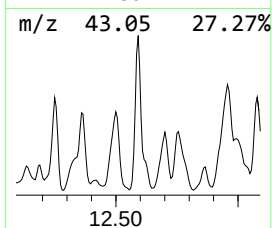
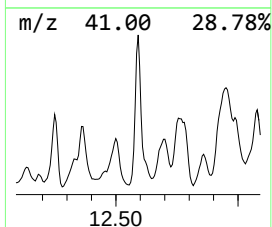
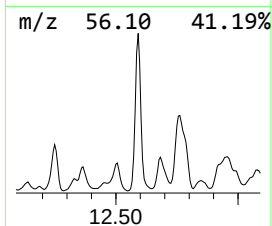
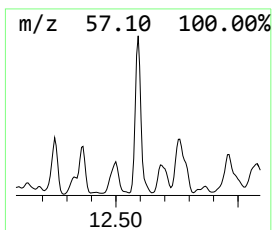
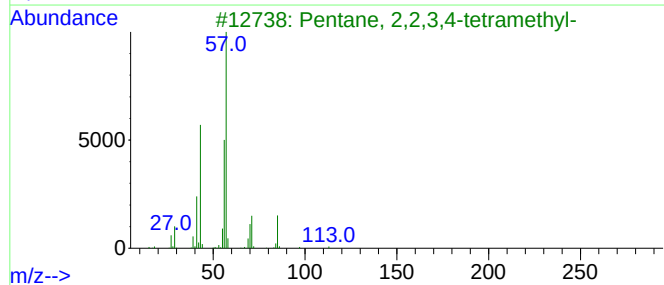
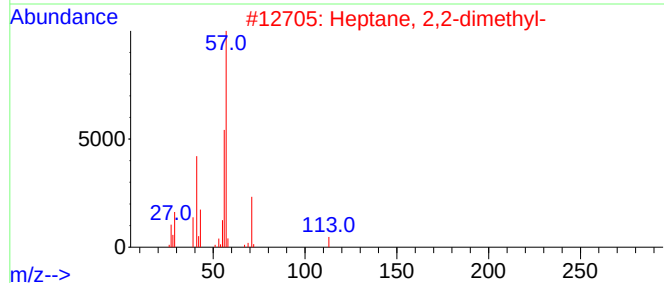
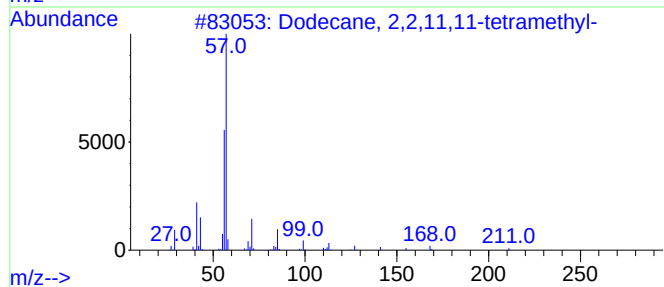
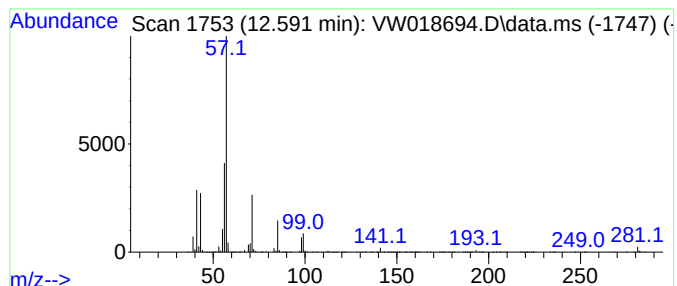
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	152.41 ug/L	6746380	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
2			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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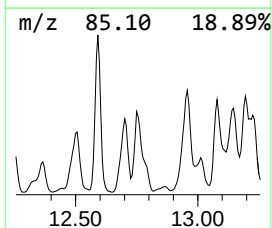
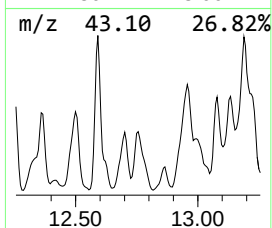
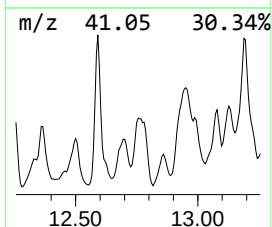
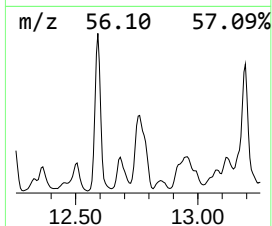
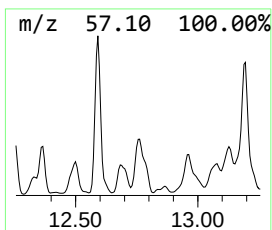
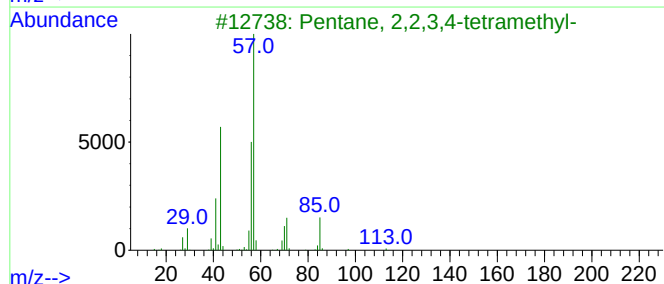
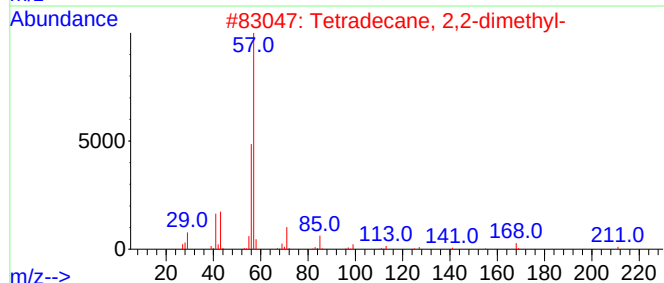
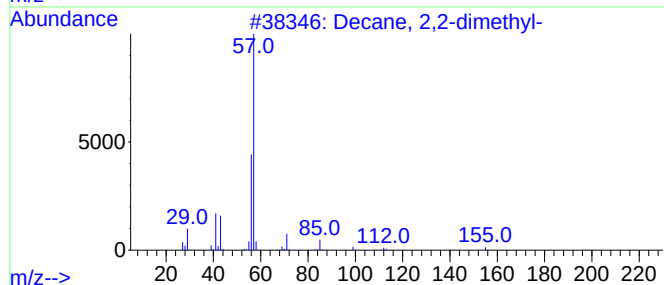
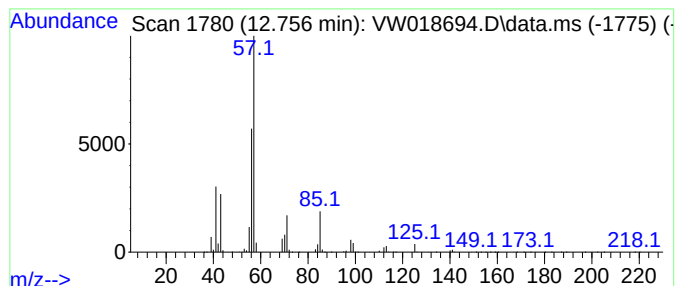
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.756	5.26 ug/L	1741610	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64
2			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
4			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	59
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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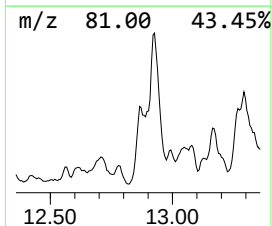
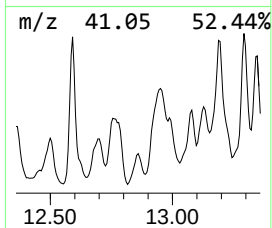
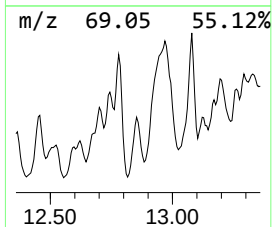
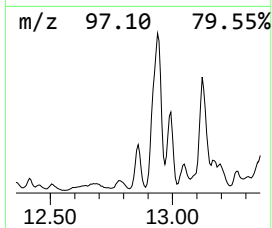
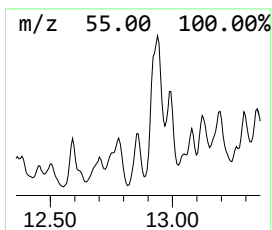
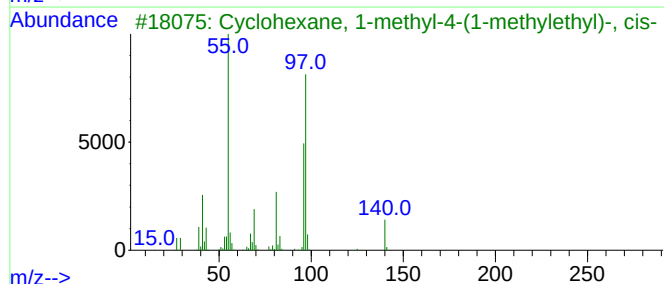
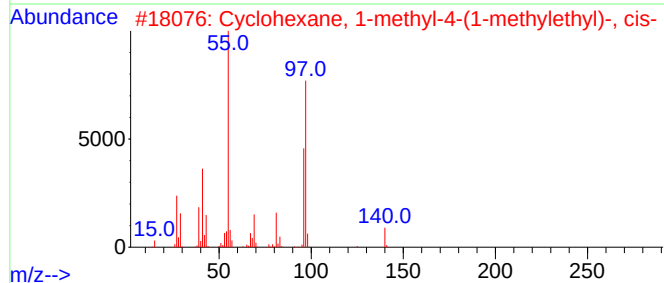
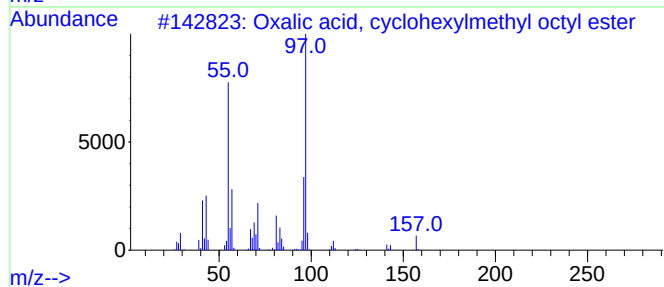
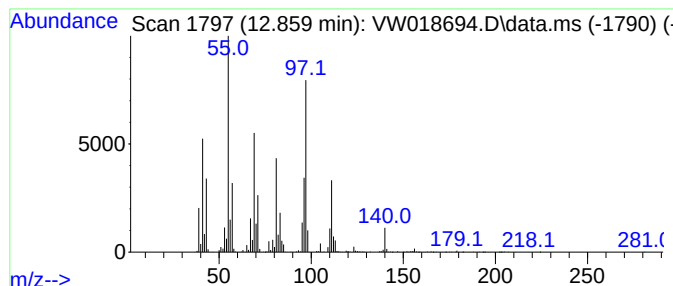
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Quant Title : SFAM01.0

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

Peak Number 31 Oxalic acid, cyclohexylmeth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	6.99 ug/L	2315260	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	59
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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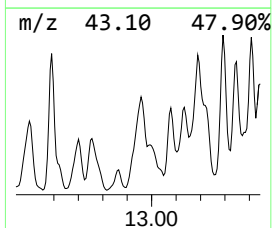
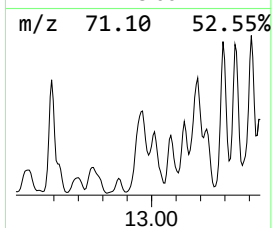
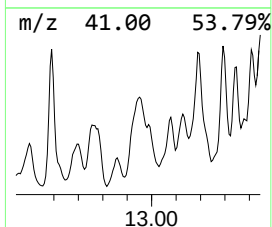
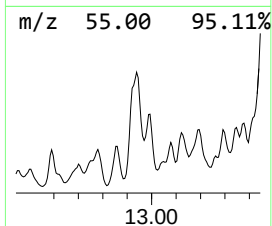
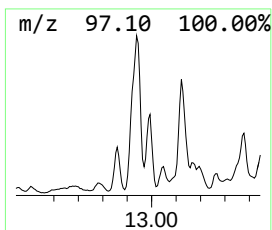
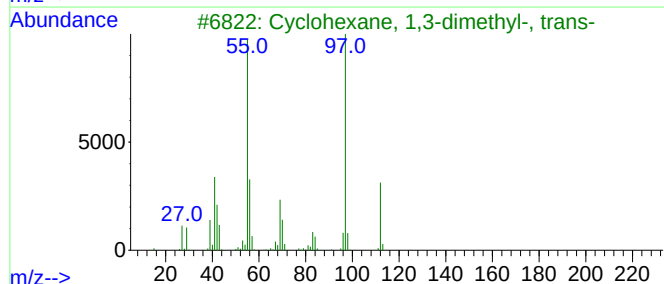
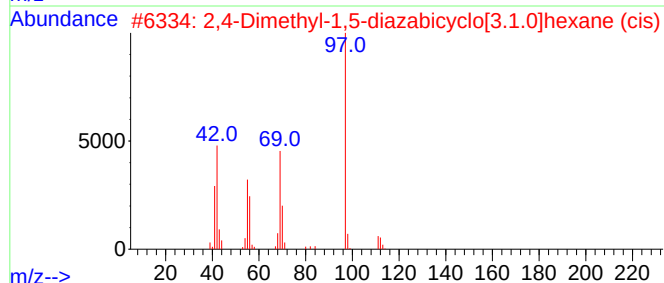
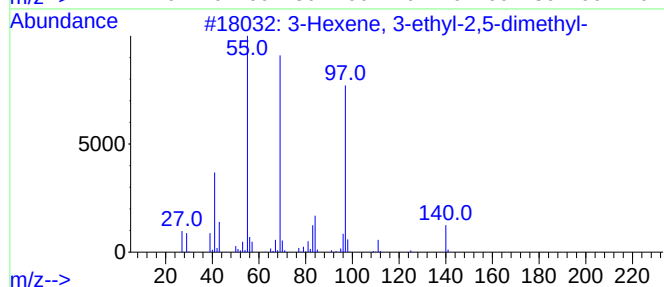
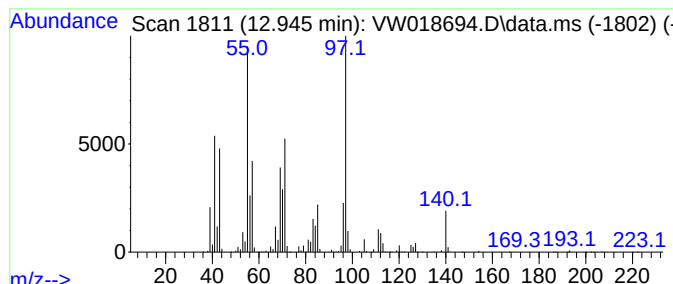
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	25.79 ug/L	8544860	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	46
2			2,4-Dimethyl-1,5-diazabicyclo[3.0.0]hexane (cis)	112	C6H12N2	100463-01-2	46
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
4			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	43
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

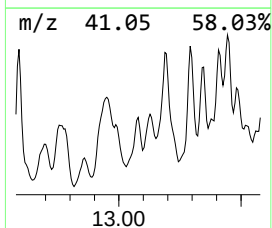
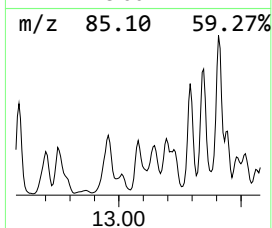
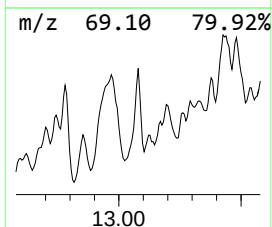
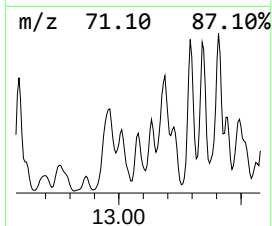
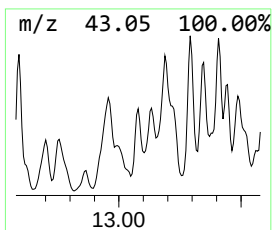
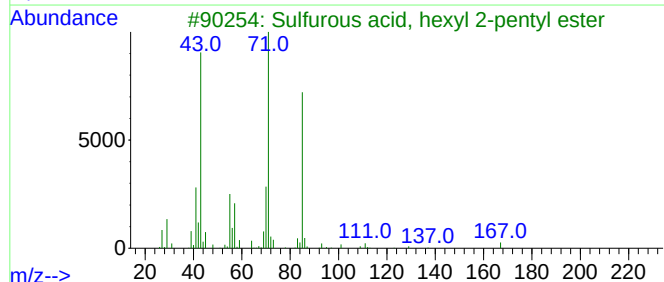
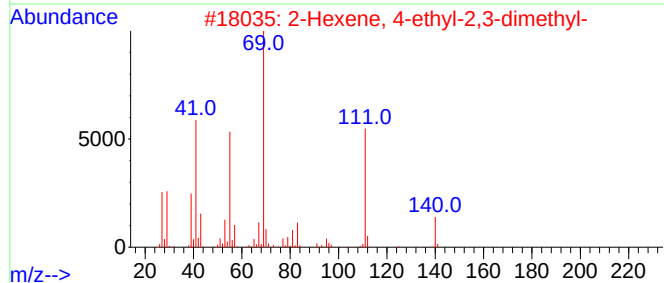
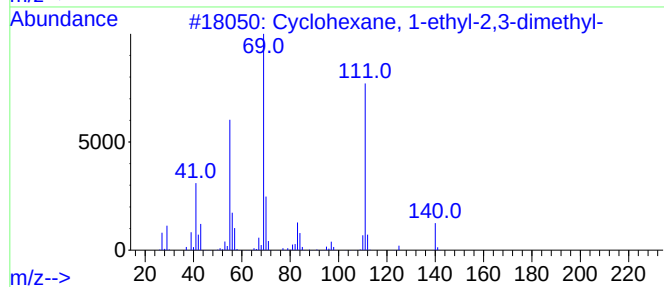
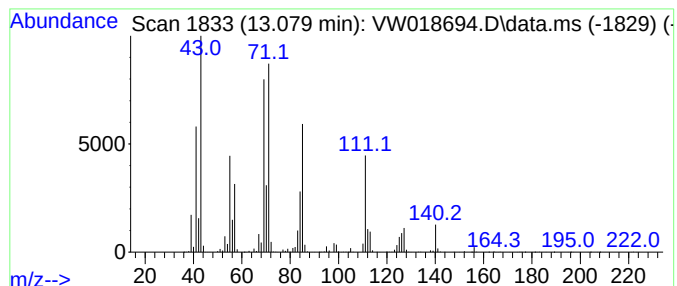
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic13.079 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	4.55 ug/L	1508290	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	38
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
3			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	35
4			Decane, 4-methyl-	156	C11H24	002847-72-5	30
5			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

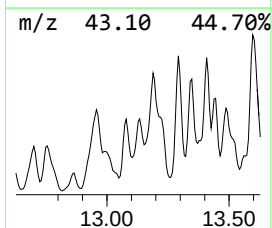
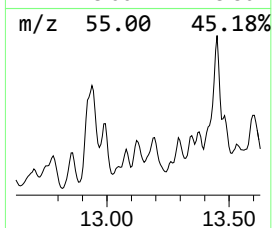
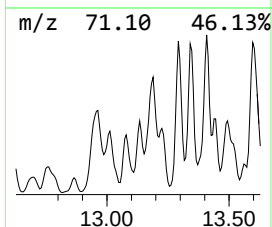
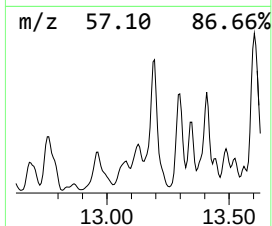
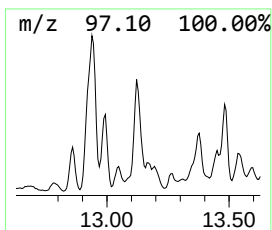
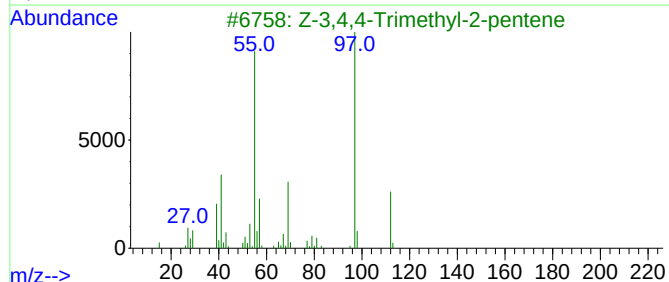
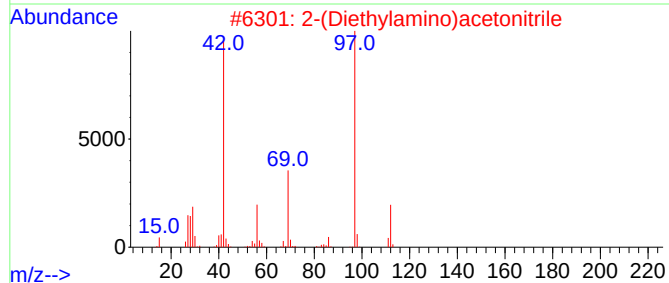
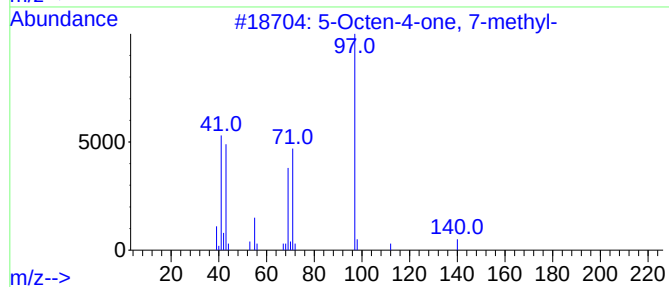
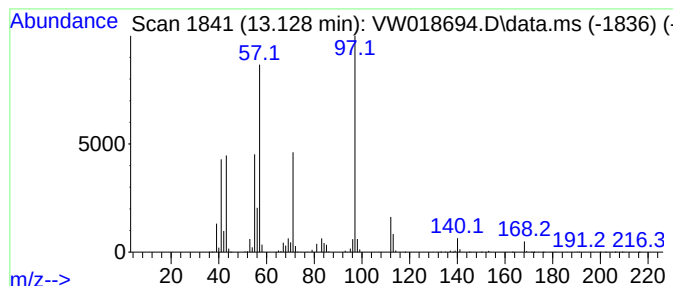
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Quant Title : SFAM01.0

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

Peak Number 34 5-Octen-4-one, 7-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	5.58 ug/L	1848550	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	70
2		2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	47
3		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	43
4		Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	38
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

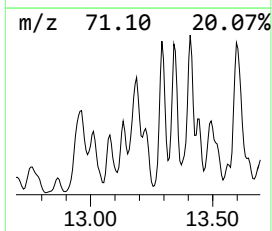
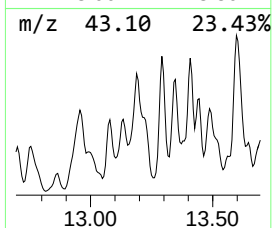
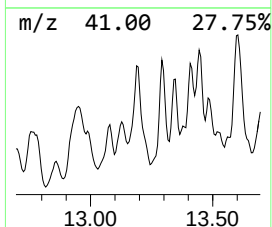
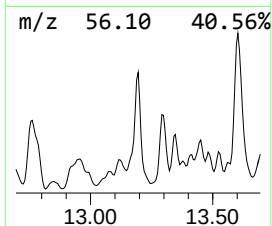
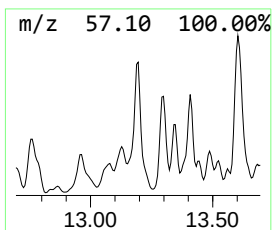
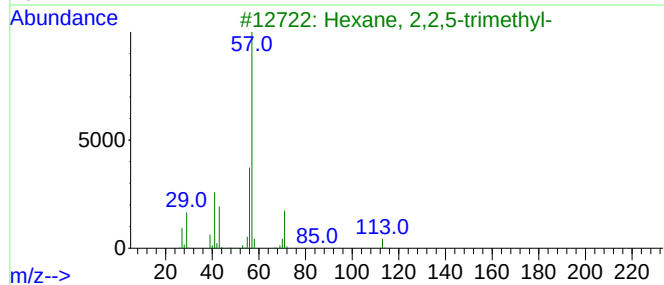
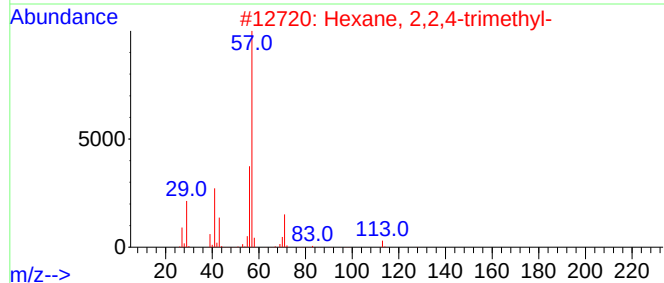
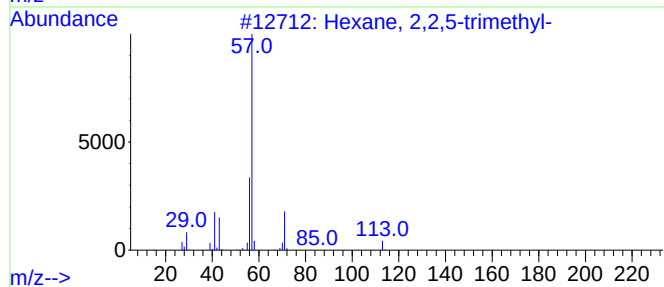
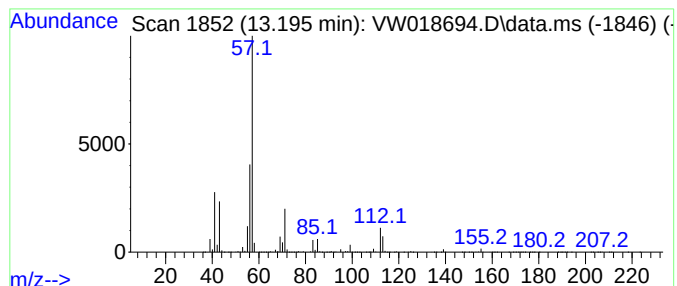
Instrument :
MSVOA_W
ClientSampleId :
BG568

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.195	19.06 ug/L	6312370	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
4	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

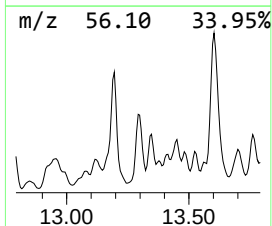
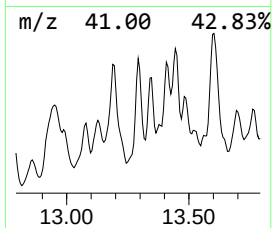
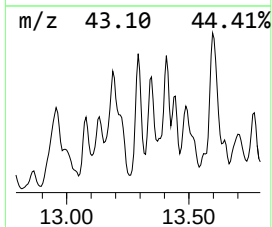
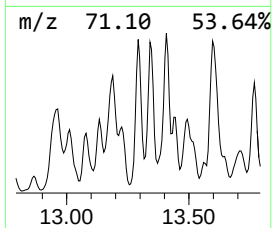
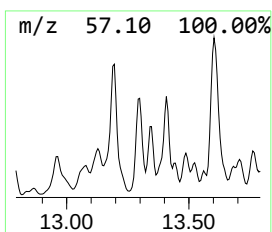
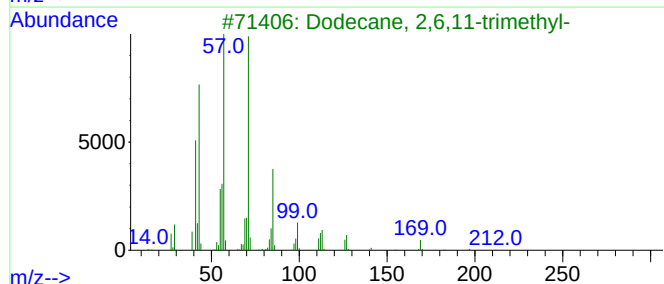
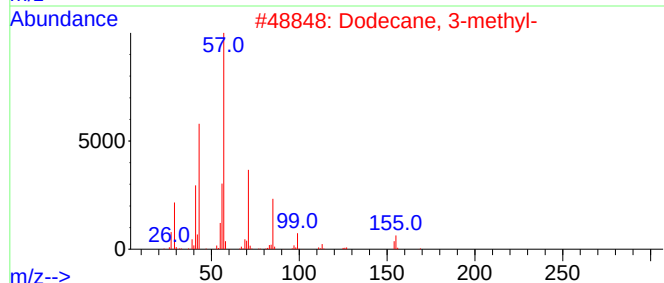
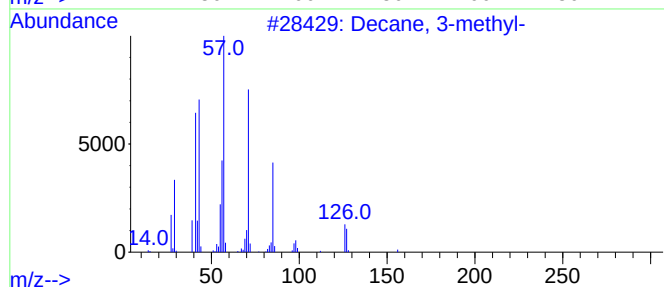
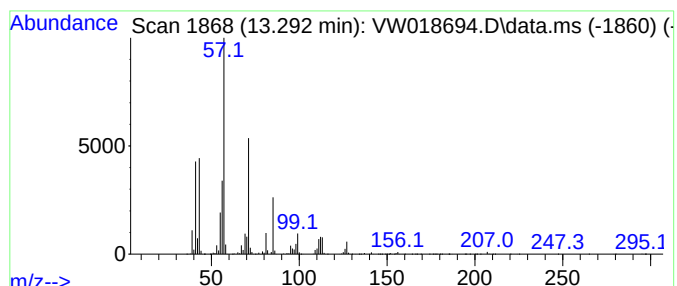
Instrument :
MSVOA_W
ClientSampleId :
BG568

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 36 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.292	17.00 ug/L	5630260	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	68
2	Dodecane, 3-methyl-		184	C13H28	017312-57-1	64
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
4	Decane, 2-methyl-		156	C11H24	006975-98-0	64
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

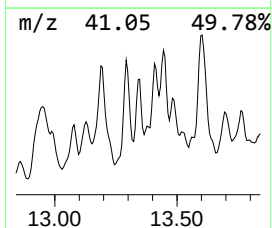
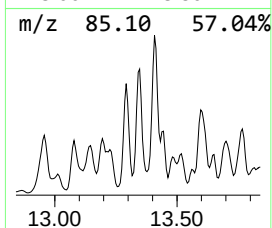
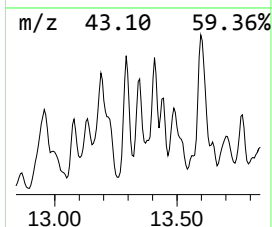
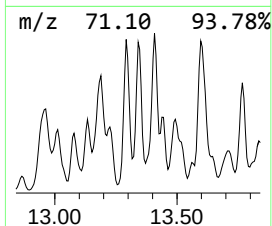
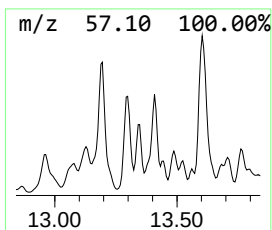
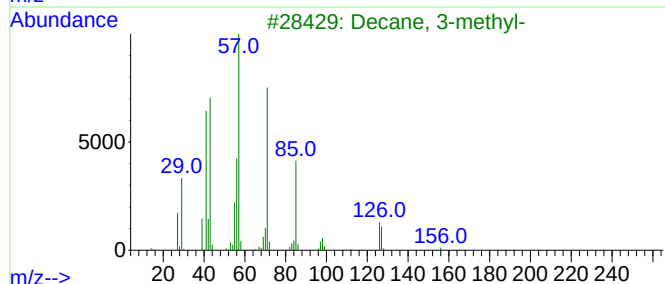
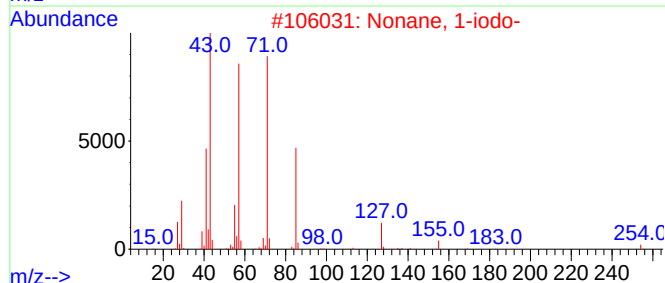
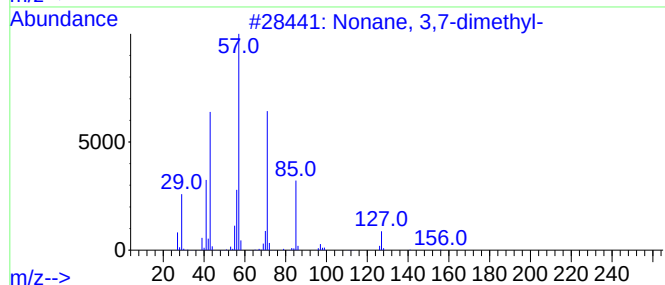
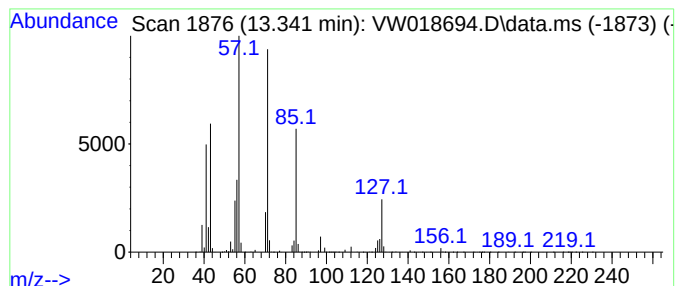
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	7.87 ug/L	2607850	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
2		Nonane, 1-iodo-	254	C9H19I	004282-42-2	64
3		Decane, 3-methyl-	156	C11H24	013151-34-3	64
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

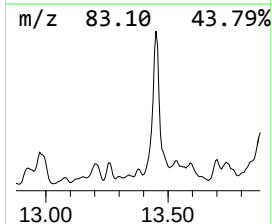
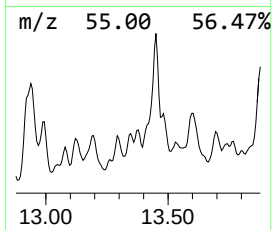
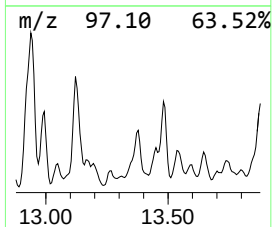
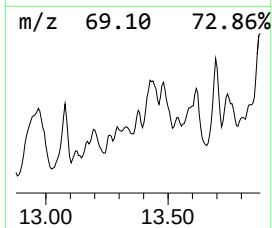
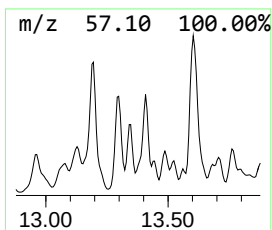
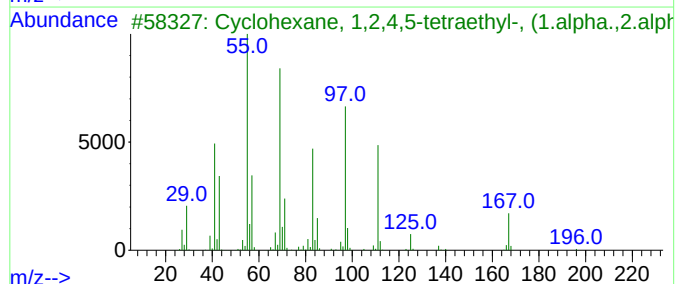
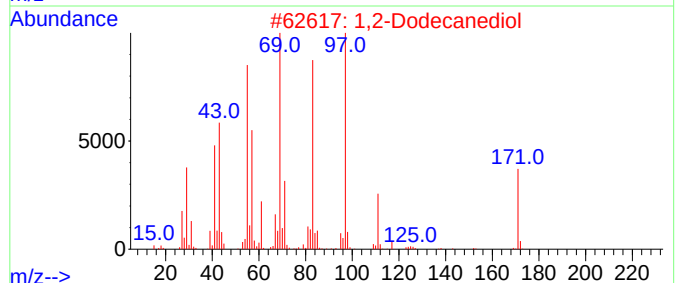
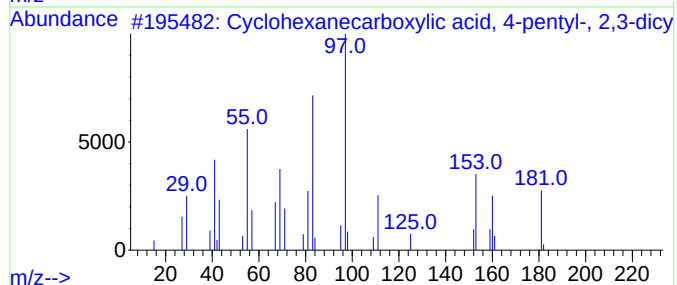
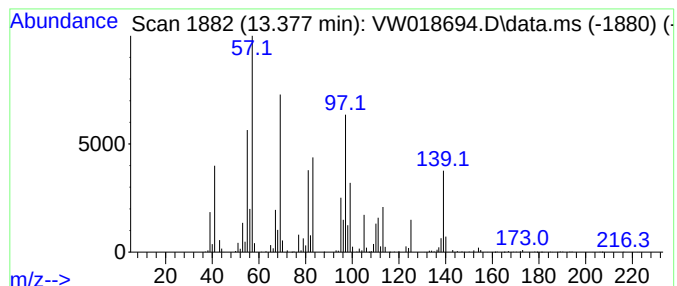
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Quant Title : SFAM01.0

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

Peak Number 38 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	2.56 ug/L	848416	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	38
2			1,2-Dodecanediol	202	C12H26O2	001119-87-5	38
3			Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	32
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

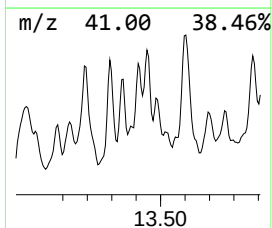
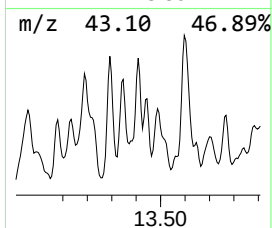
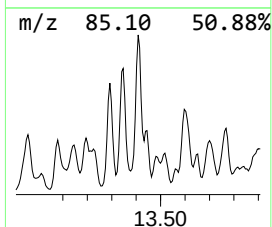
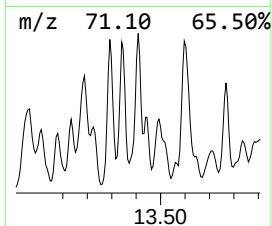
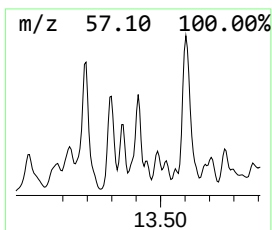
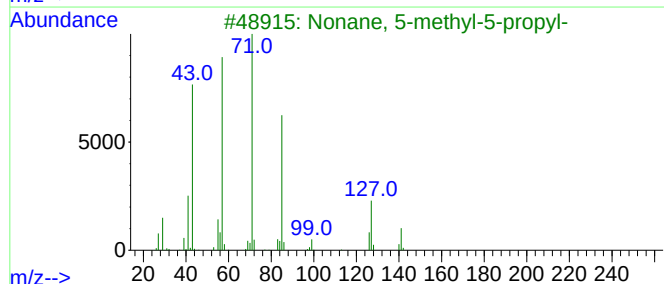
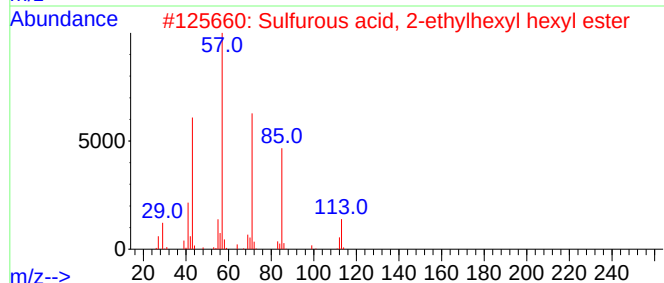
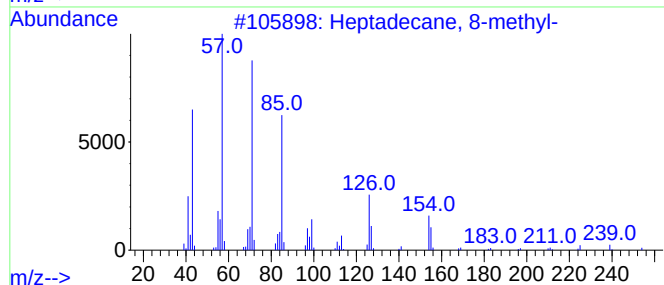
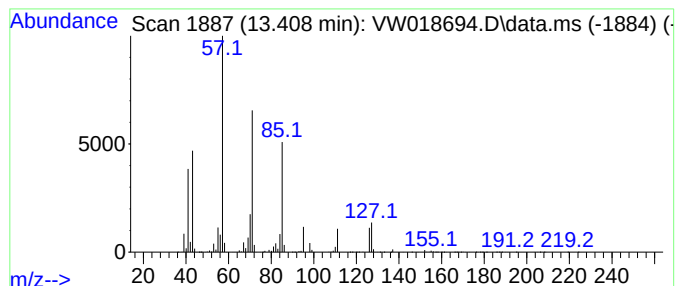
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	11.89 ug/L	3938440	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50
4		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
5		Hexadecane	226	C16H34	000544-76-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

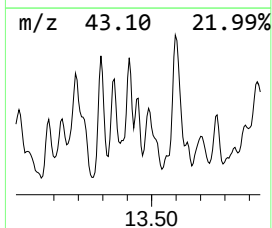
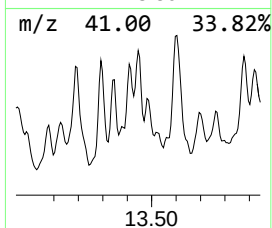
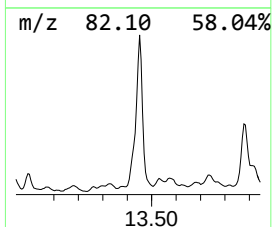
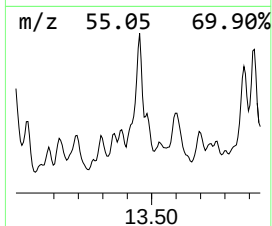
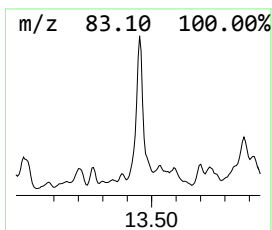
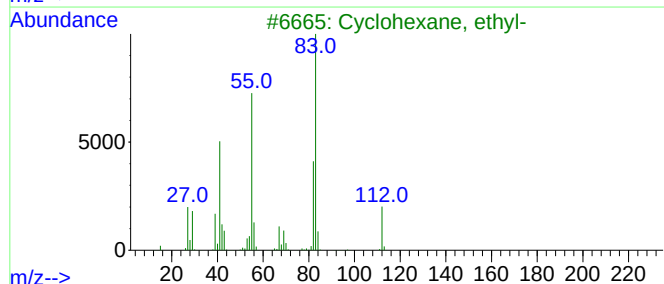
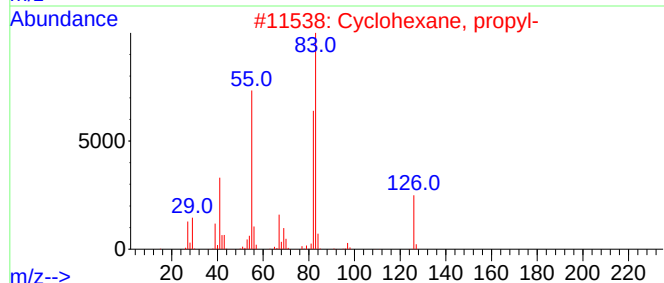
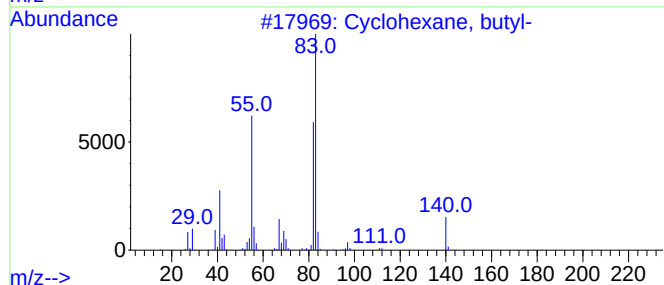
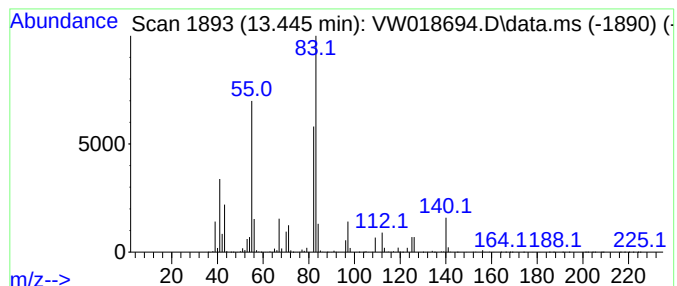
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Cyclic13.445 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	15.51 ug/L	5136310	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	68
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	68
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

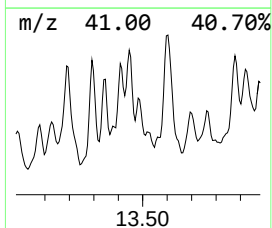
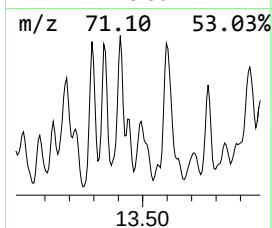
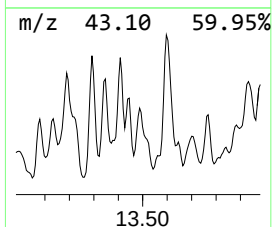
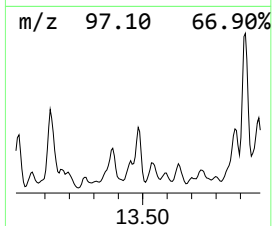
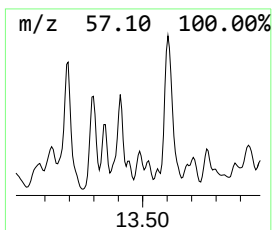
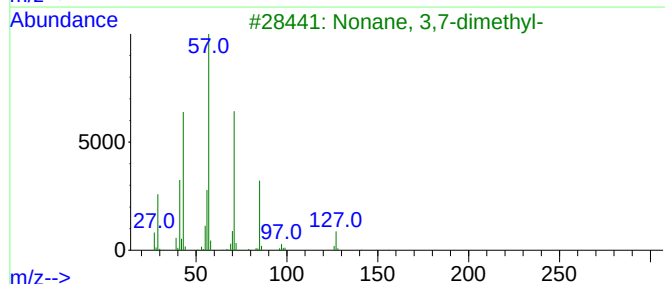
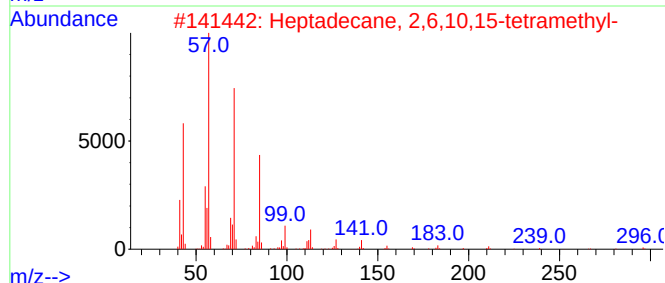
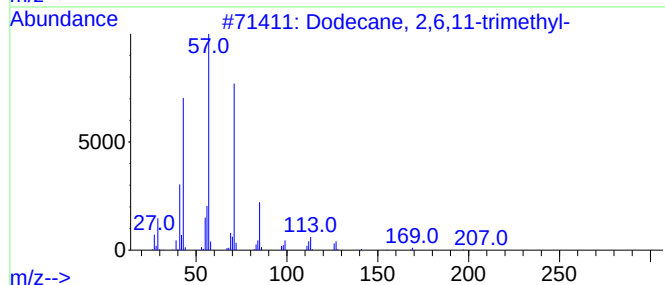
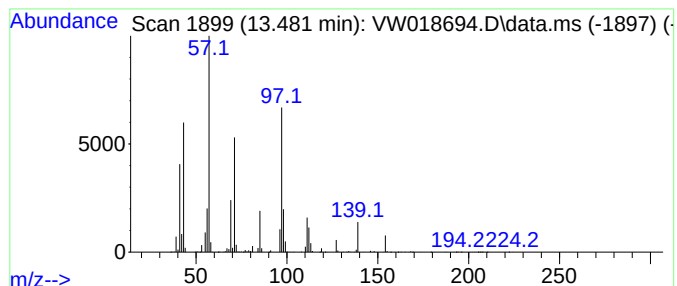
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.481	5.04 ug/L	1670720	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	43
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	38
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	35
4	Undecane, 6-ethyl-		184	C13H28	017312-60-6	35
5	Undecane, 3-methyl-		170	C12H26	001002-43-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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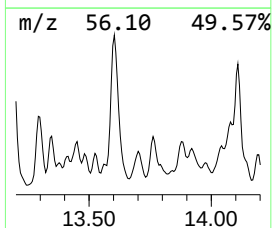
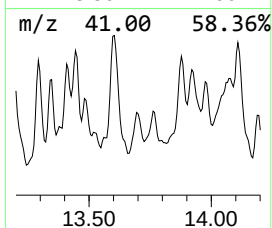
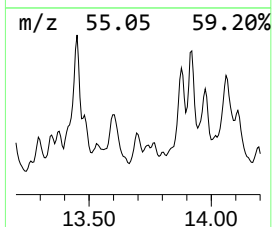
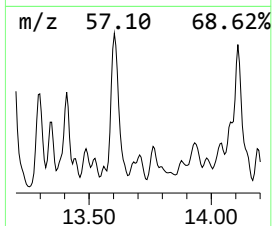
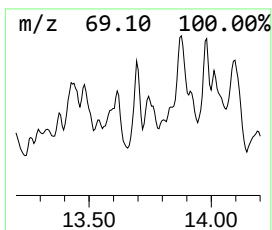
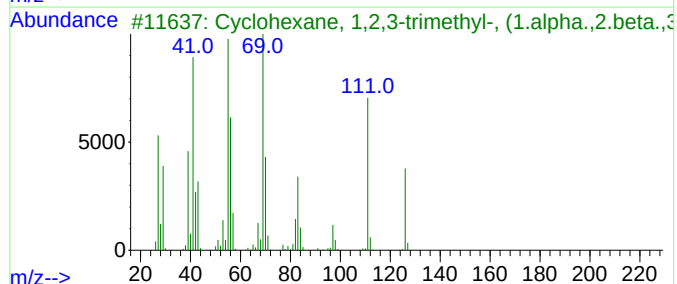
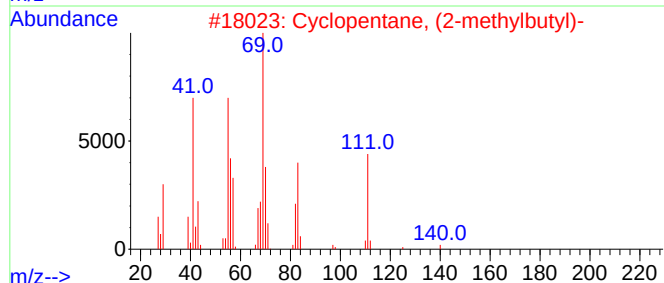
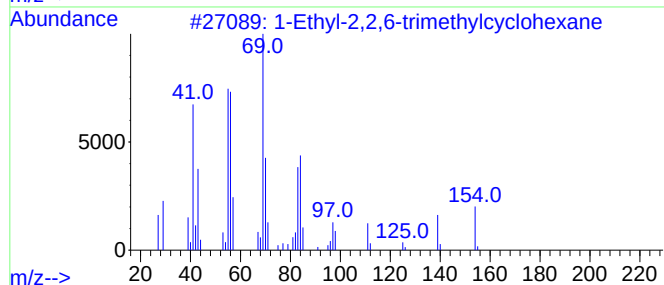
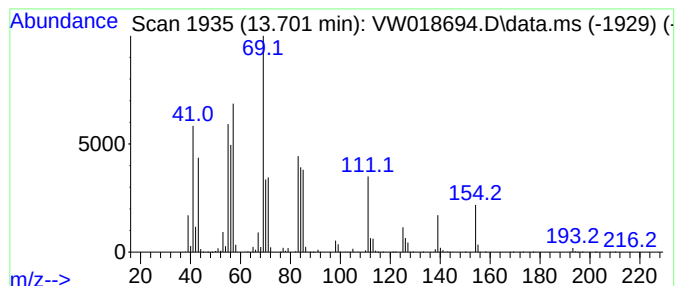
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Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Cyclic13.701 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	8.54 ug/L	2828350	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	60
3		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	43
4		2-Nonen-4-one	140	C9H16O	032064-72-5	35
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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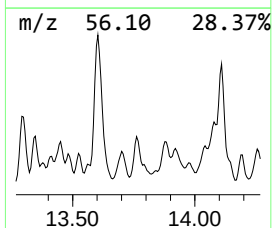
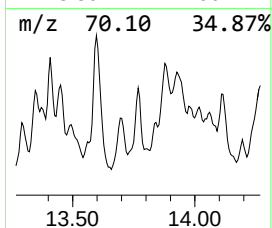
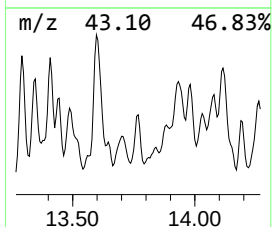
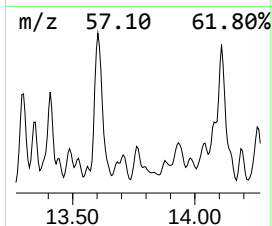
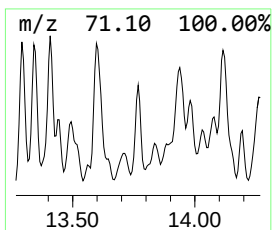
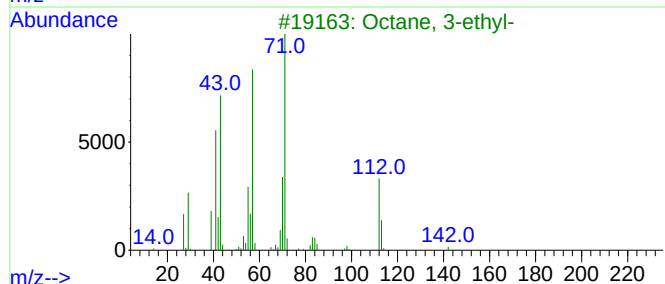
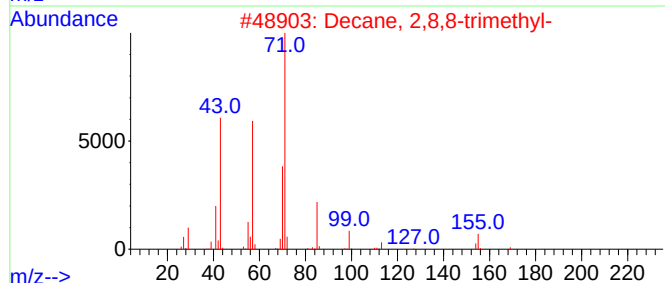
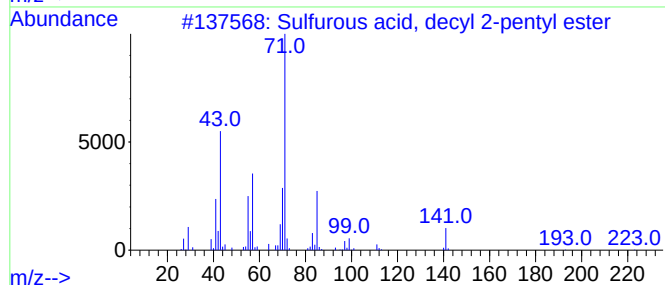
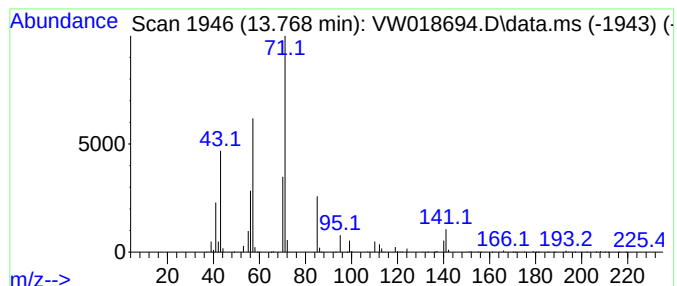
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Quant Title : SFAM01.0

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

Peak Number 43 Sulfurous acid, decyl 2-pen... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.768	6.09 ug/L	2017380	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	64
2			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	50
4			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	50
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

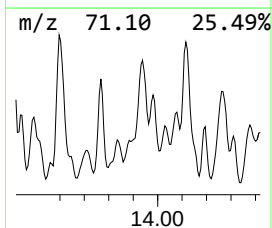
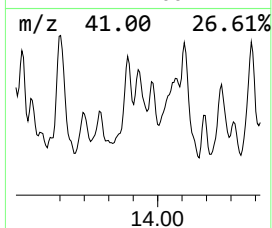
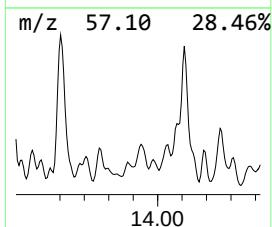
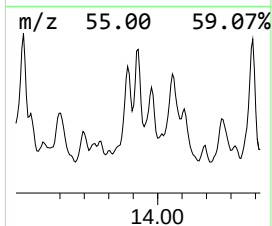
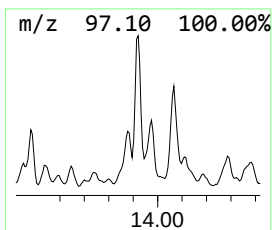
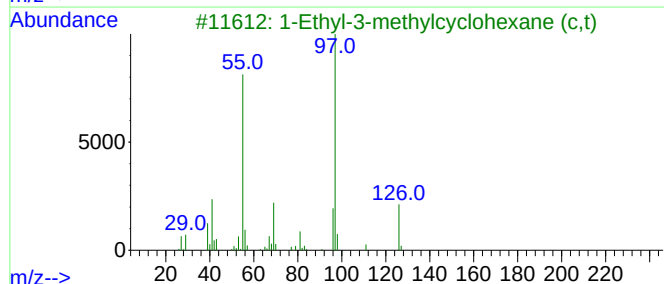
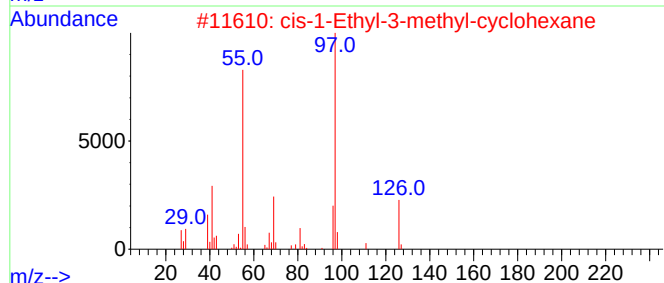
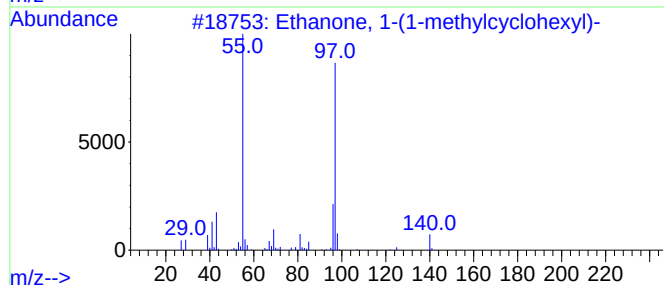
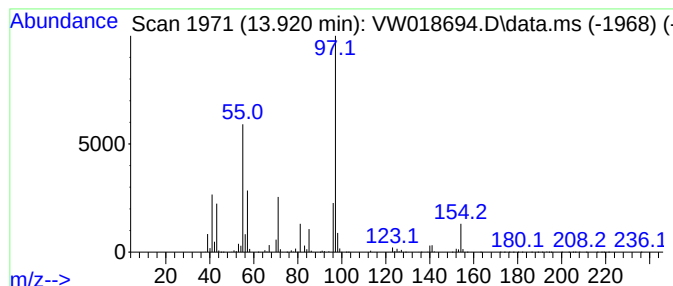
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 44 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.920	14.37 ug/L	4758980	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-		140	C9H16O	002890-62-2	59
2	cis-1-Ethyl-3-methyl-cyclohexane		126	C9H18	019489-10-2	53
3	1-Ethyl-3-methylcyclohexane (c,t)		126	C9H18	003728-55-0	53
4	Cyclohexane, 1-methyl-2-propyl-		140	C10H20	004291-79-6	52
5	Cyclohexane, 1-bromo-4-methyl-		176	C7H13Br	006294-40-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

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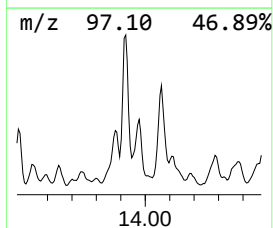
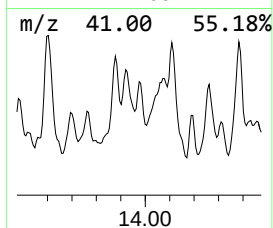
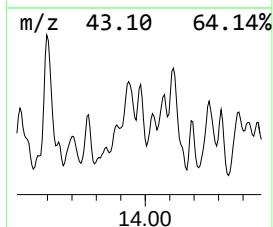
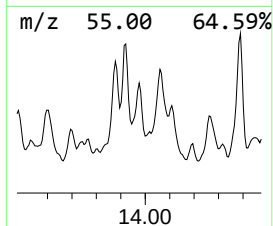
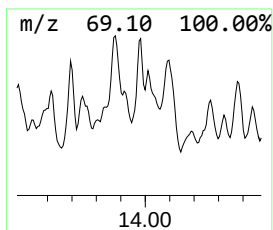
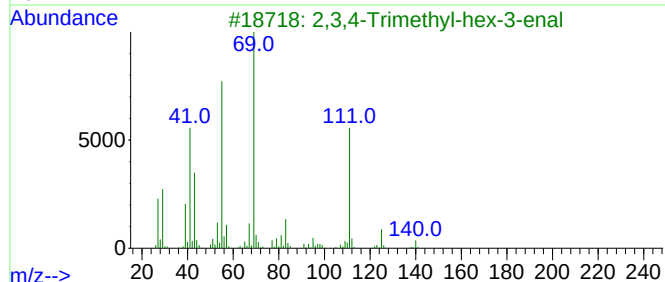
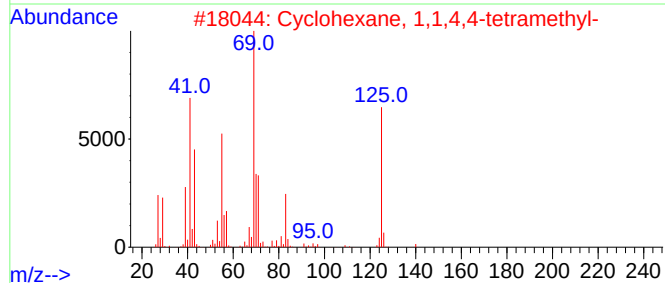
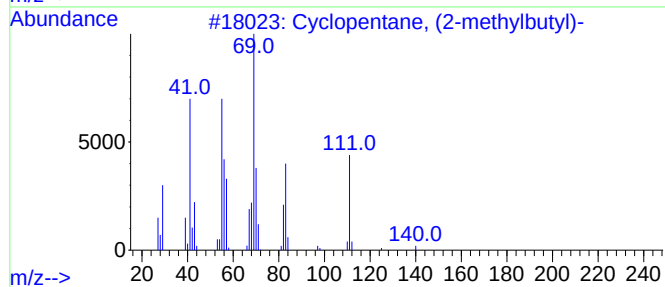
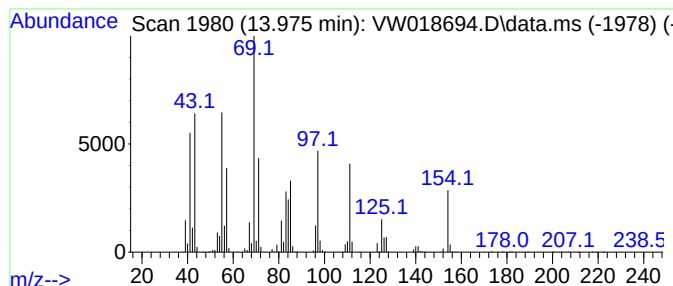
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Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Cyclic13.975 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	7.07 ug/L	2343660	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
3			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	38
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35
5			2-Acetyl cyclohexanone	154	C9H14O2	006126-53-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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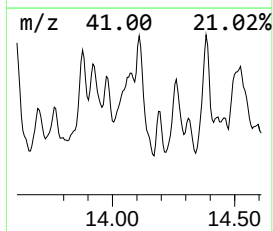
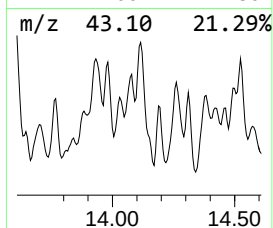
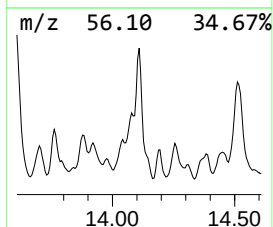
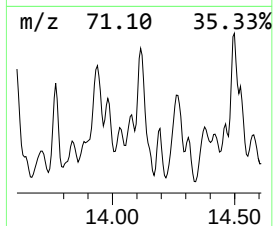
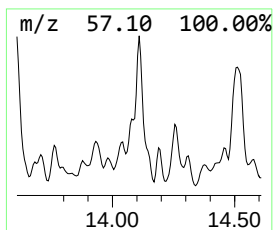
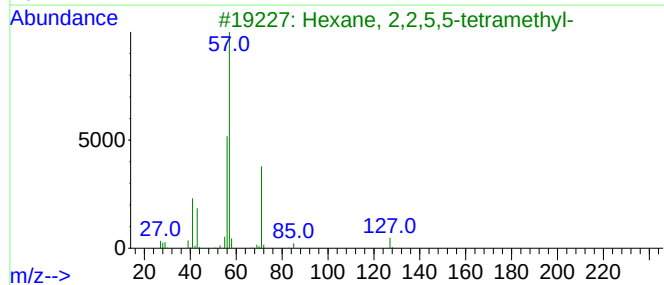
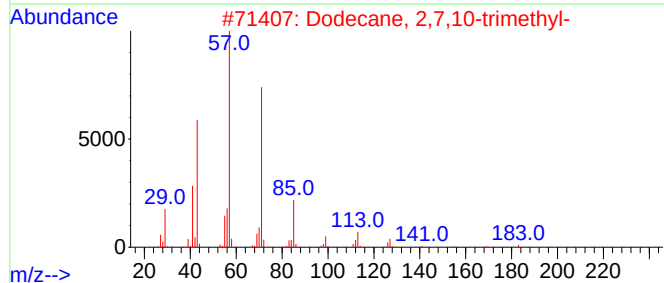
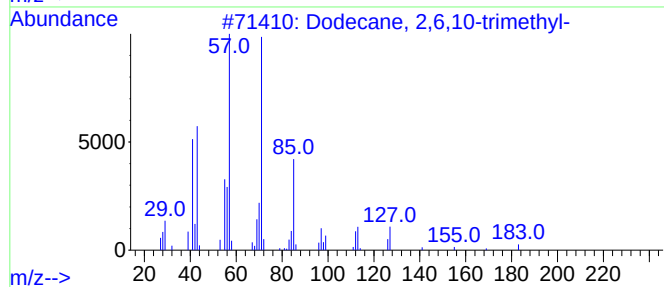
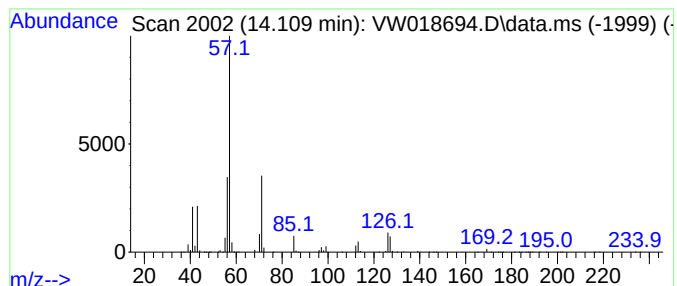
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.109	22.78 ug/L	7544590	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

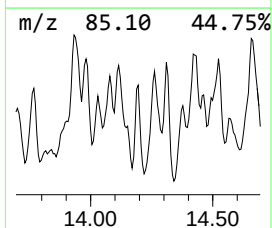
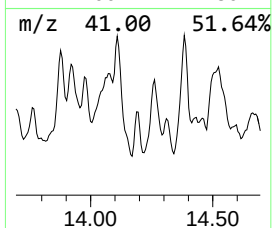
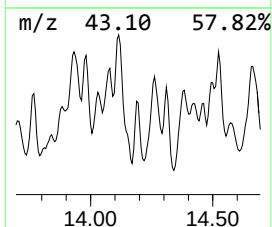
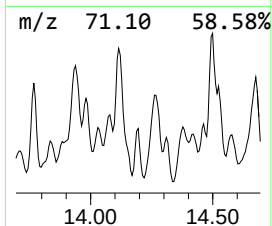
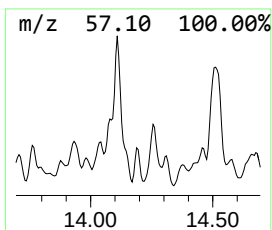
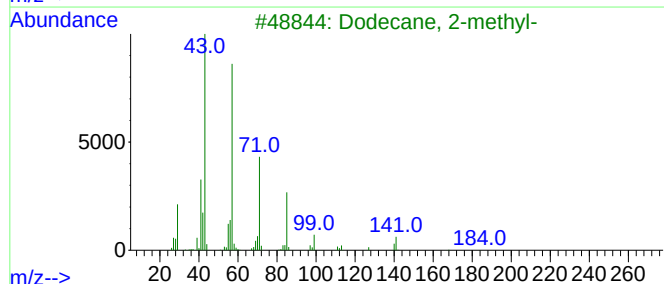
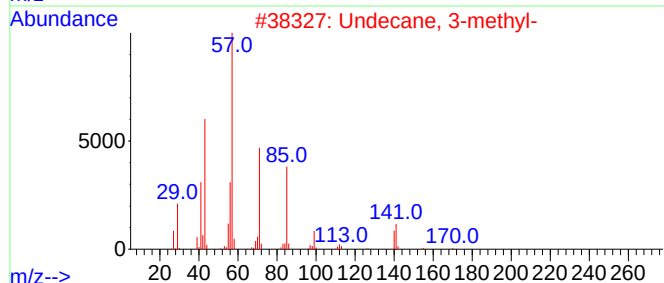
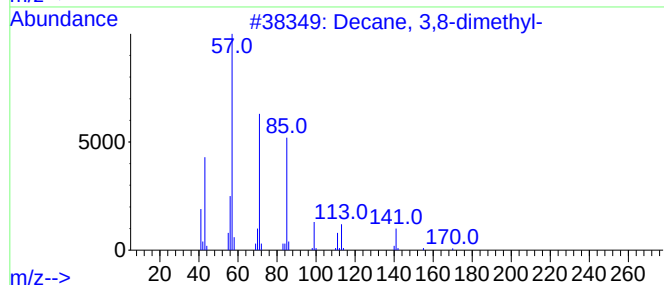
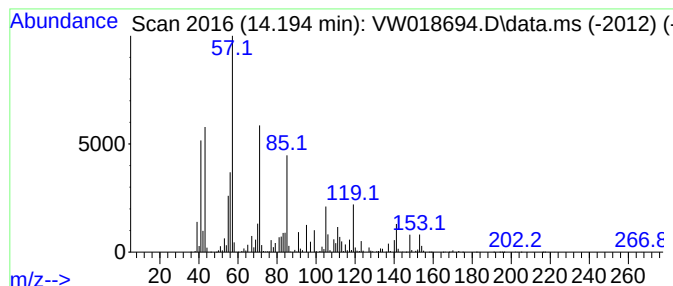
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	6.93 ug/L	2294930	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	62
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
4			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	49
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

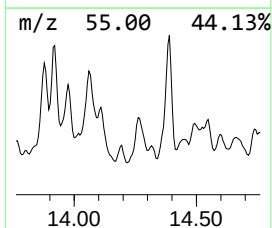
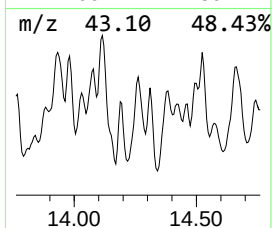
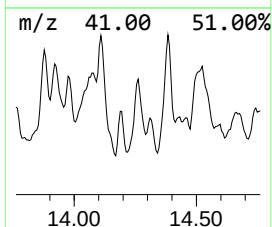
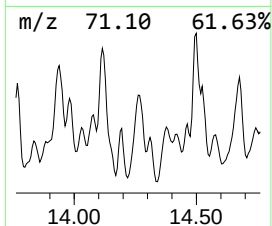
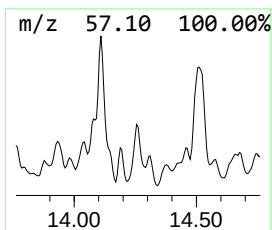
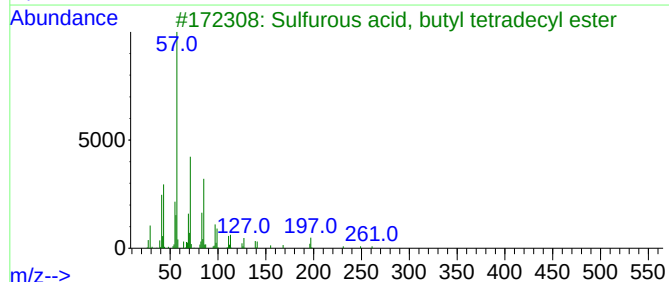
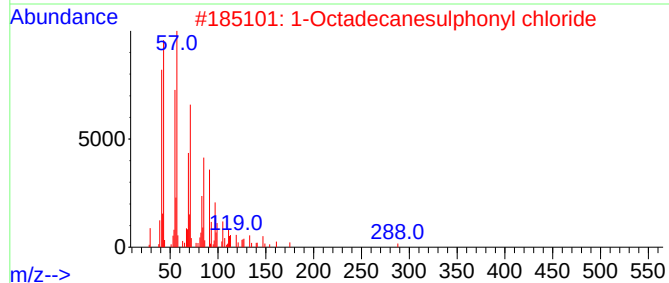
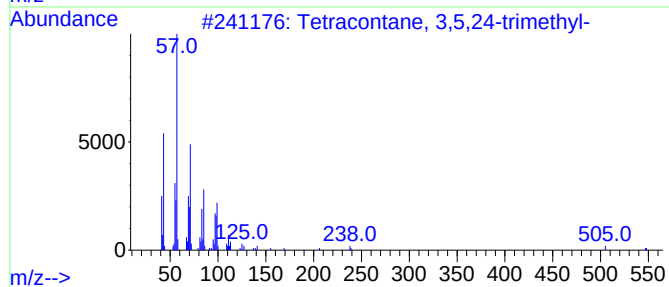
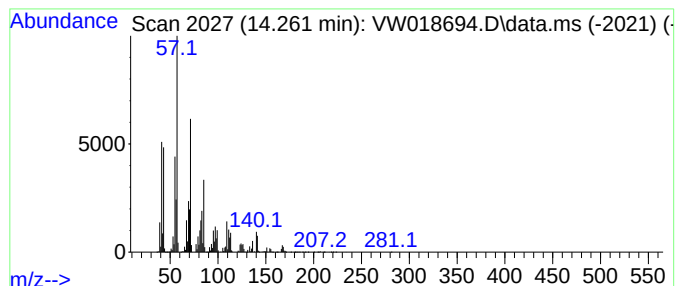
Instrument :
MSVOA_W
ClientSampleId :
BG568

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 48 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.262	15.84 ug/L	5248720	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	52
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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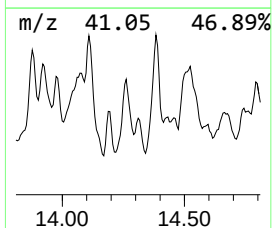
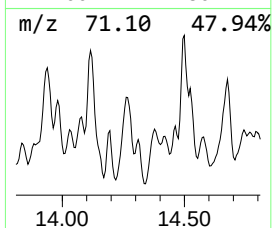
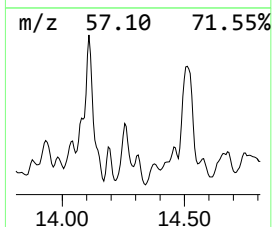
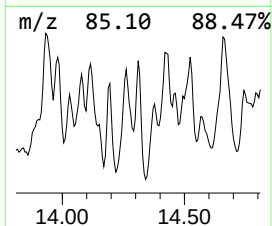
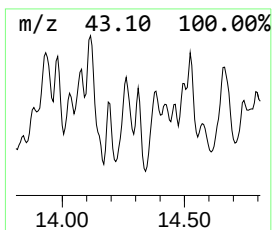
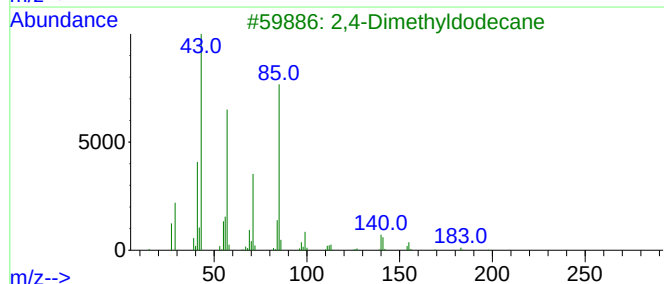
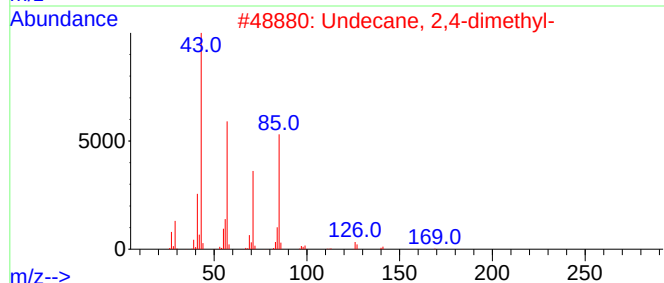
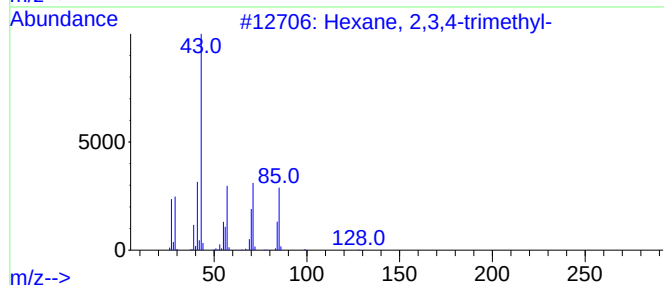
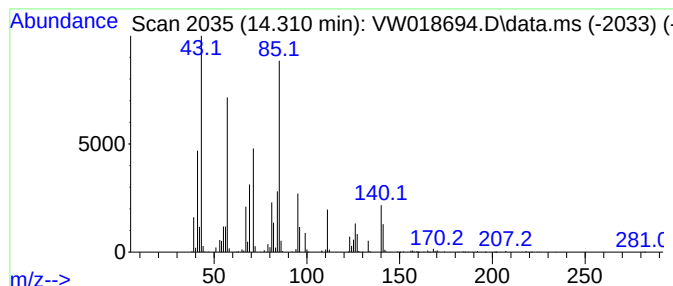
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Quant Title : SFAM01.0

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	4.53 ug/L	1501540	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
2			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	43
3			2,4-Dimethyldodecane	198	C14H30	006117-99-3	43
4			Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	38
5			Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

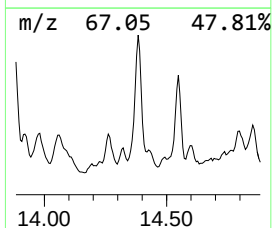
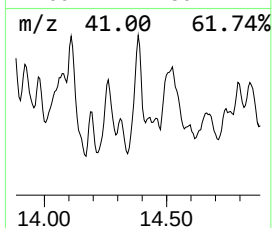
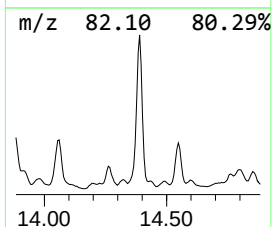
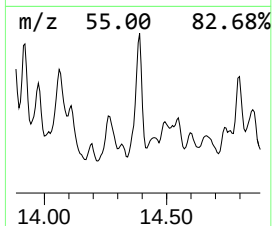
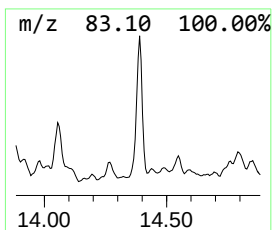
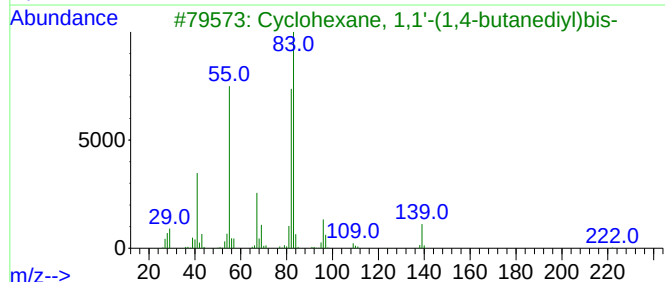
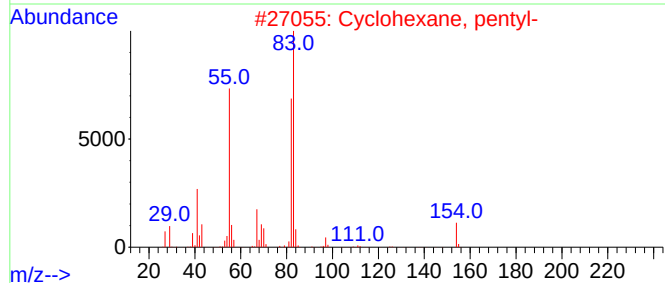
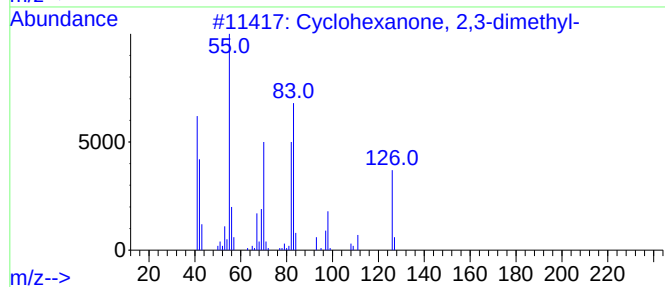
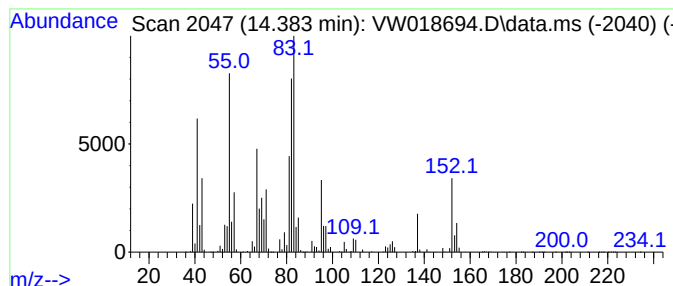
Instrument :
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ClientSampleId :
BG568

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 50 Cyclohexanone, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.383	27.33 ug/L	9052360	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-		126	C8H14O	013395-76-1	53
2	Cyclohexane, pentyl-		154	C11H22	004292-92-6	53
3	Cyclohexane, 1,1'-(1,4-butanediyl-...		222	C16H30	006165-44-2	50
4	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	50
5	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

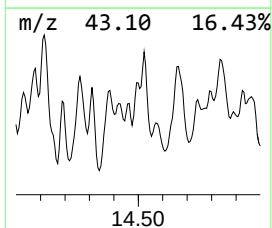
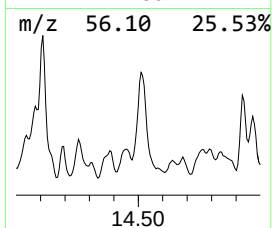
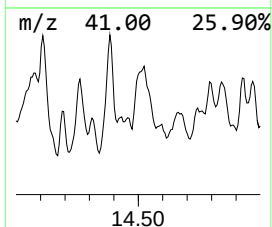
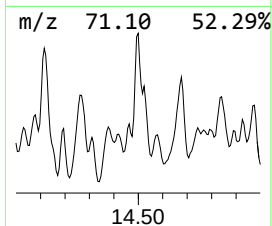
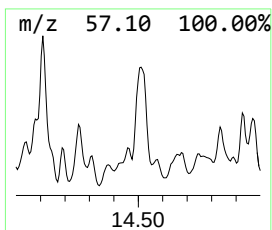
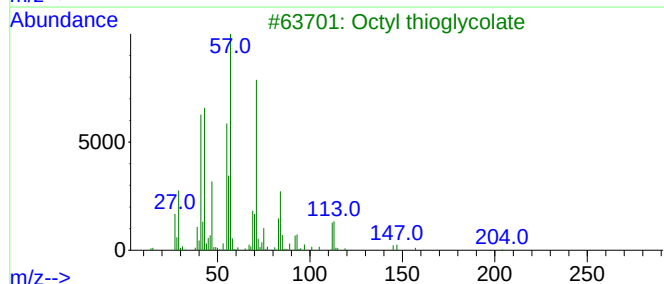
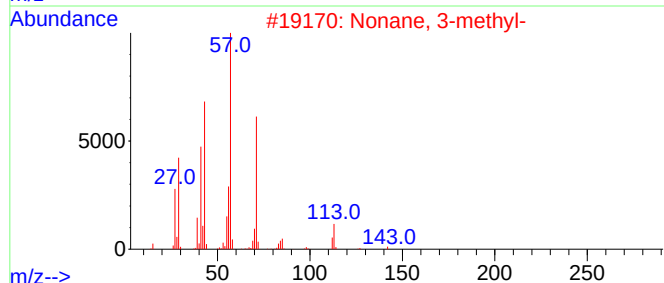
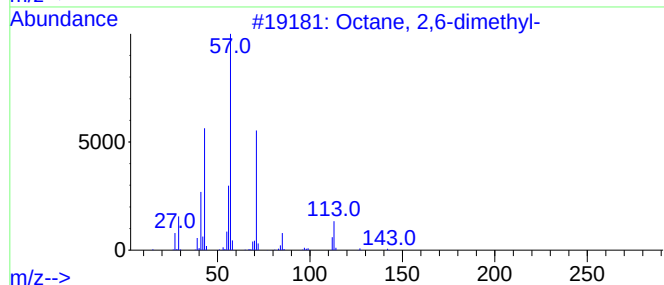
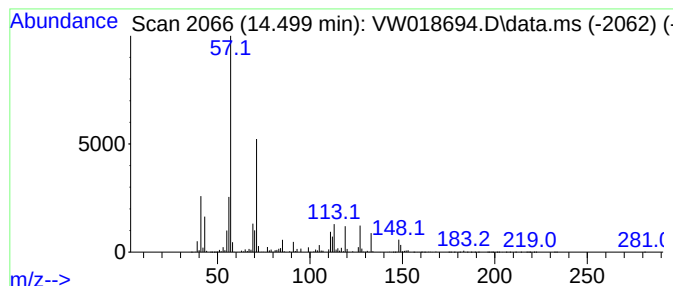
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Quant Title : SFAM01.0

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	10.29 ug/L	3409930	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3			Octyl thioglycolate	204	C10H20O2S	007664-80-4	47
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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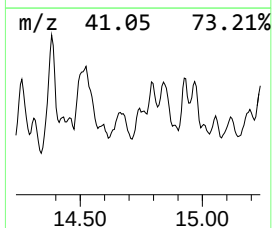
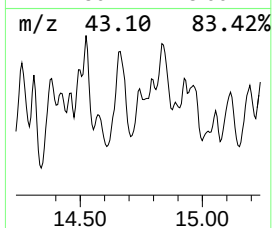
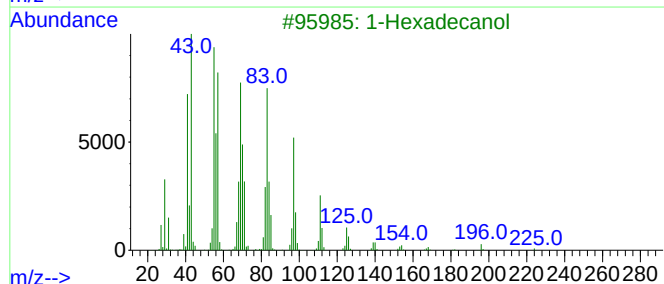
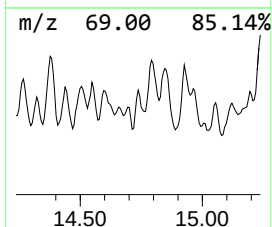
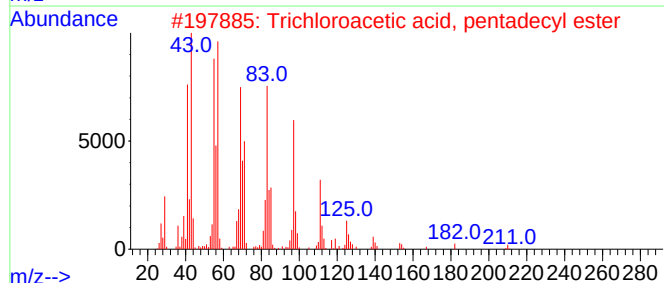
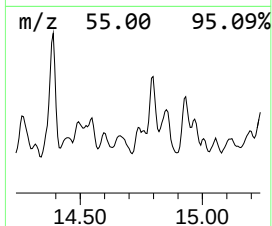
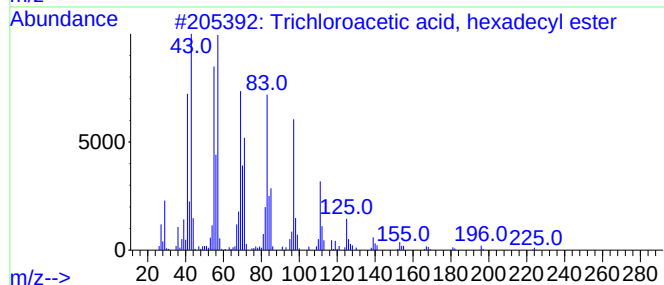
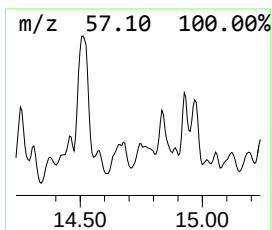
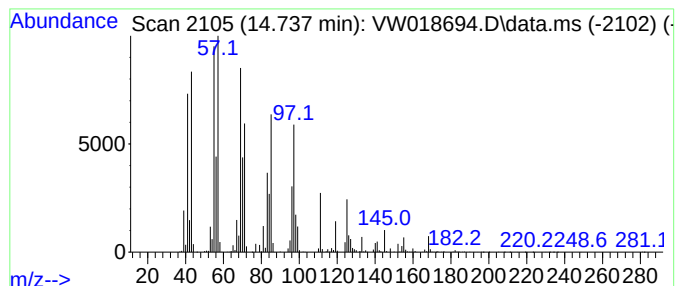
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Quant Title : SFAM01.0

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

Peak Number 52 Trichloroacetic acid, hexad... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	4.59 ug/L	1521650	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80
3			1-Hexadecanol	242	C16H34O	036653-82-4	64
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	64
5			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

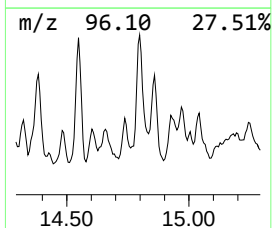
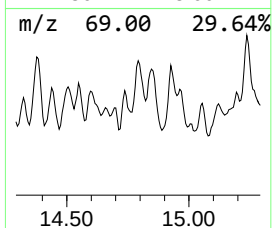
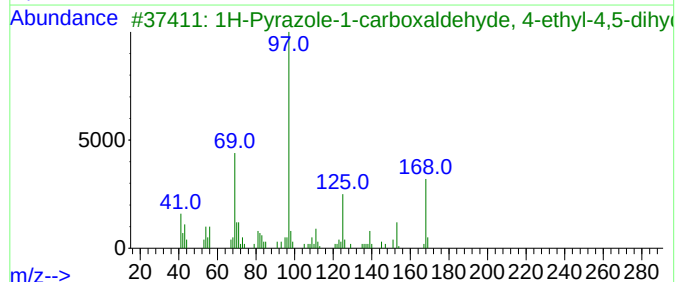
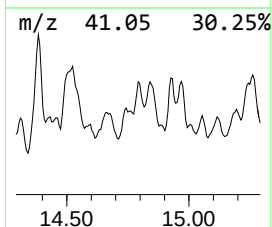
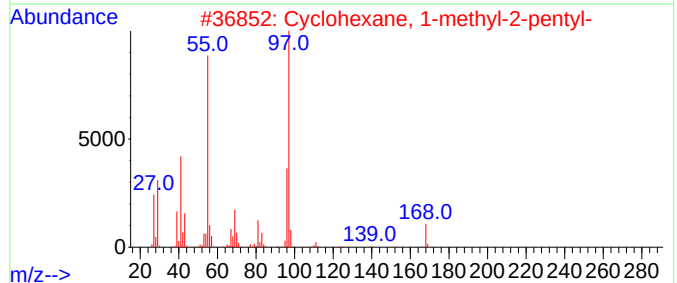
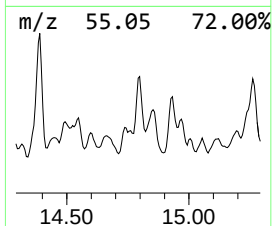
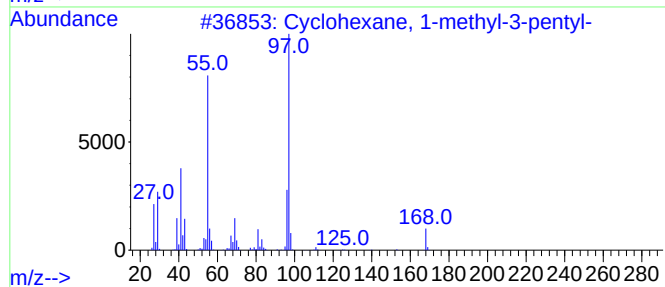
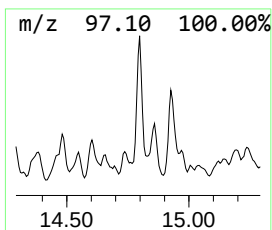
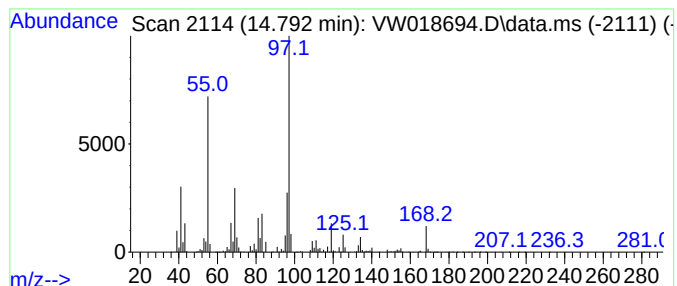
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Cyclic14.792 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	7.31 ug/L	2422530	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	72
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
3			1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	64
4			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

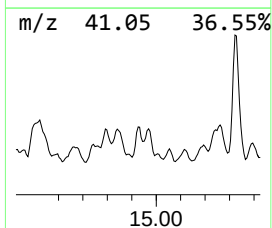
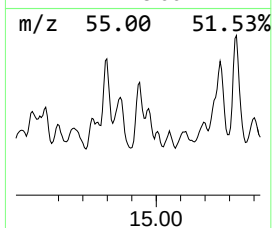
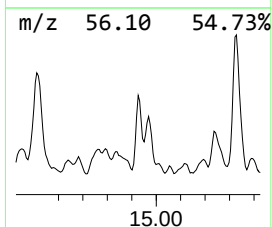
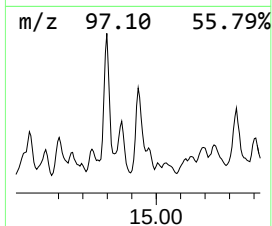
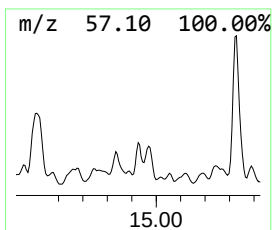
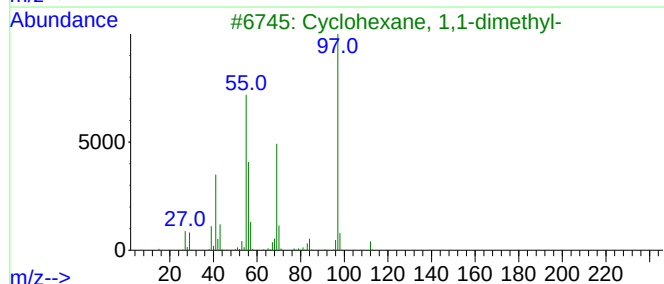
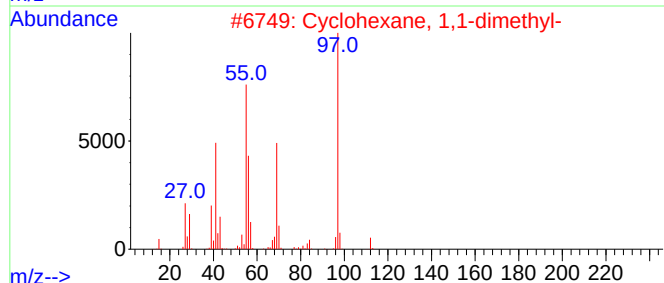
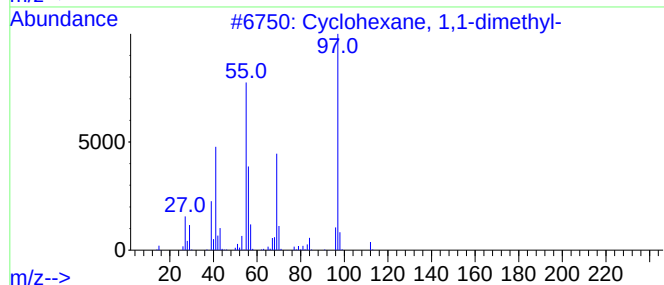
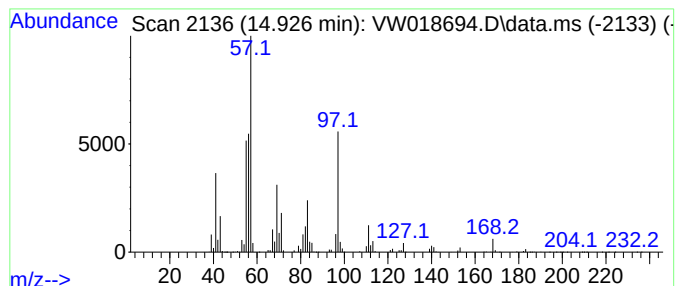
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Quant Title : SFAM01.0

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

Peak Number 54 (DEL) Alkane: Cyclic14.926 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.926	7.60 ug/L	2518270	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	46
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	41
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
4			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	38
5			4-Undecene, 2-methyl-, (E)-	168	C12H24	028665-57-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 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

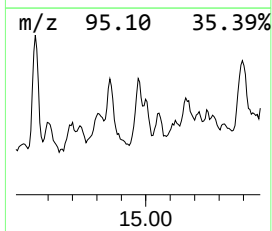
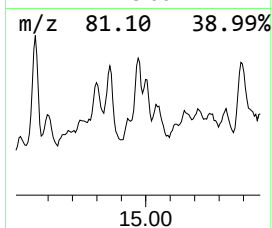
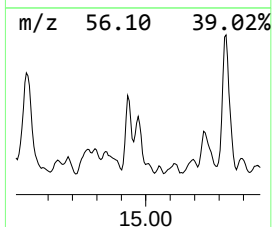
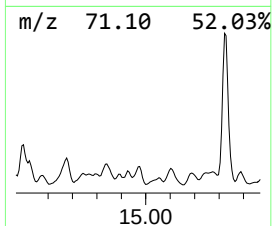
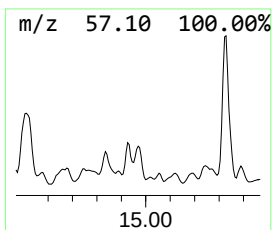
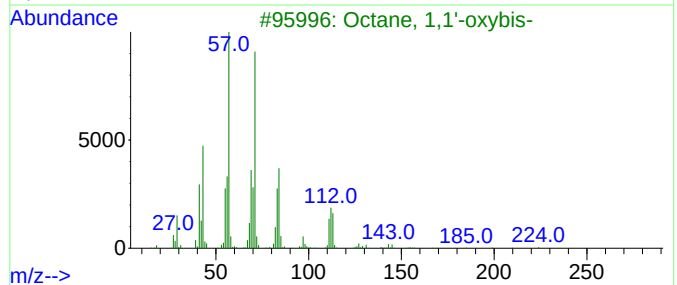
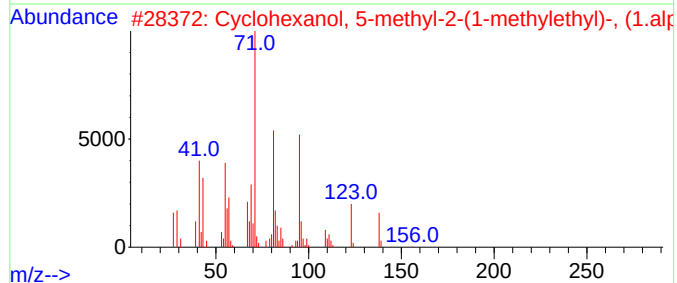
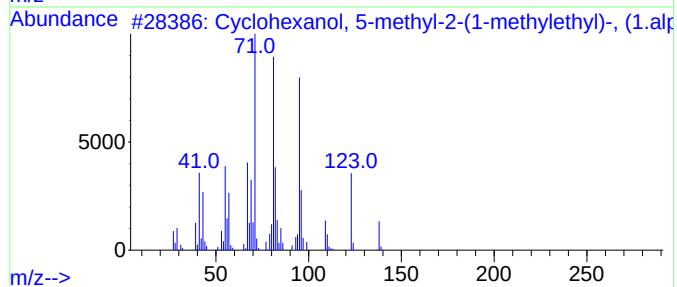
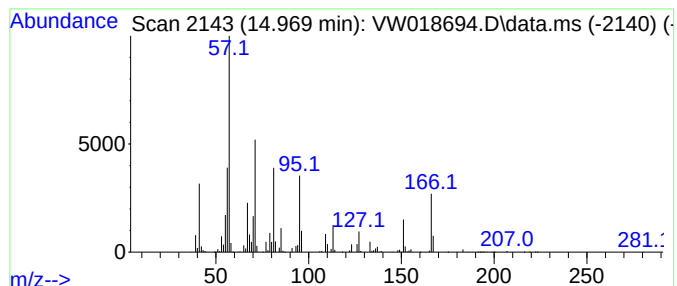
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TIC Integration Parameters: LSCINT.P

Peak Number 55 unknown-02

Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.969	6.74 ug/L	2233560	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	38
2			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	35
3			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	32
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

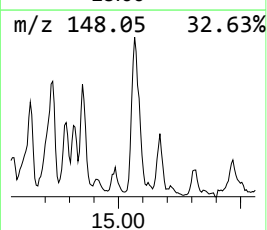
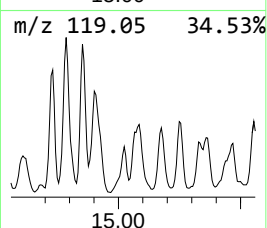
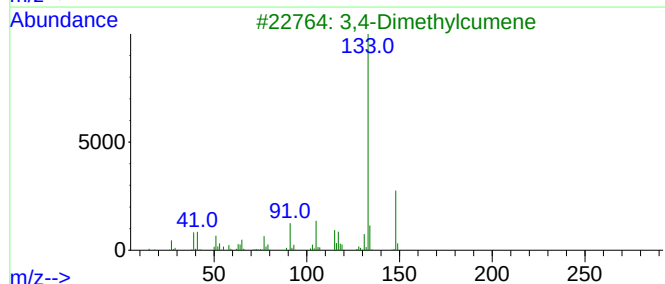
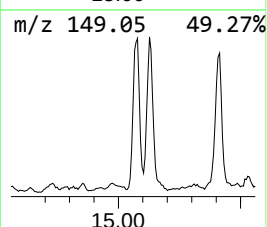
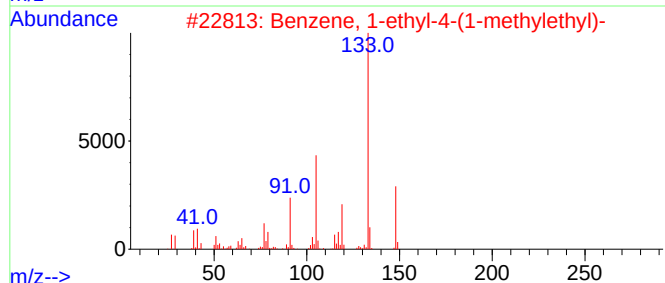
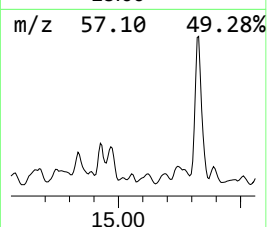
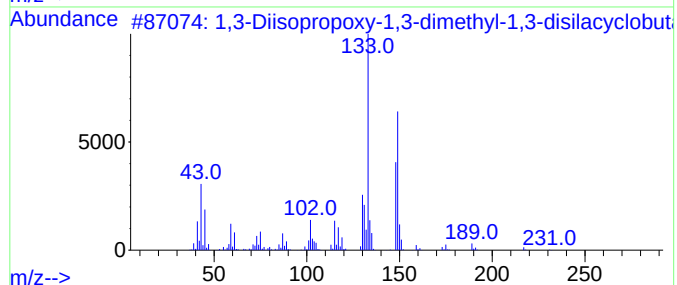
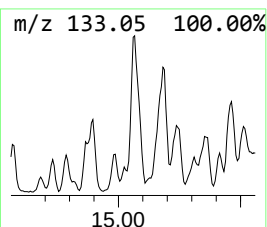
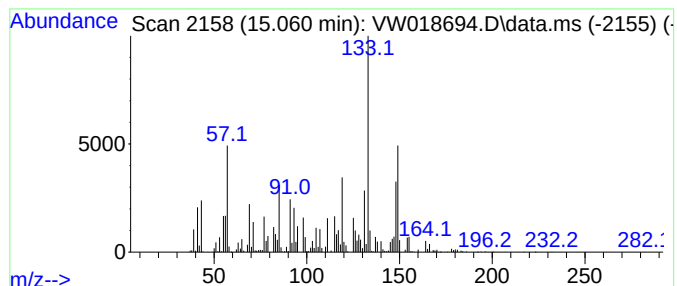
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Quant Title : SFAM01.0

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

Peak Number 56 1,3-Diisopropoxy-1,3-dimeth... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	2.87 ug/L	949185	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Diisopropoxy-1,3-dimethyl-1,...	232	C10H24O2Si2	198066-66-9	53
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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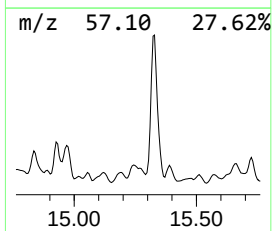
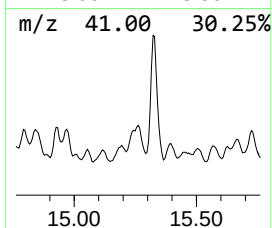
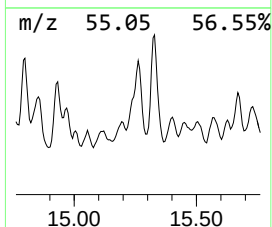
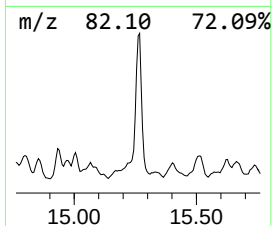
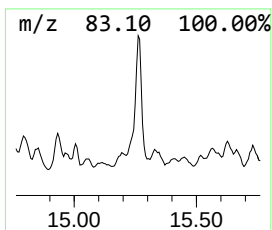
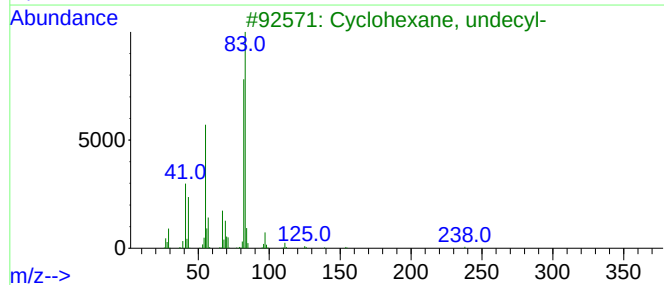
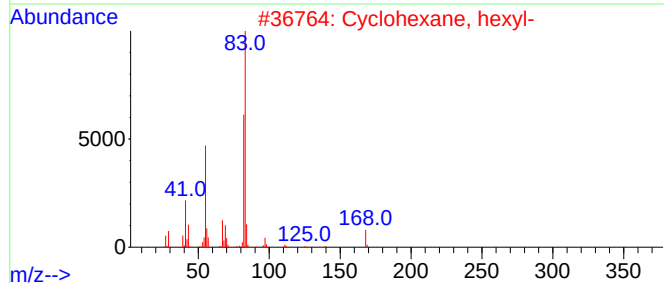
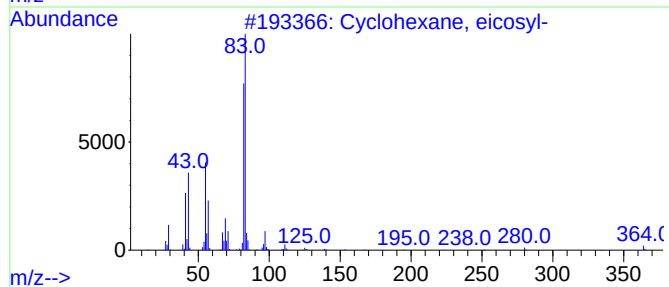
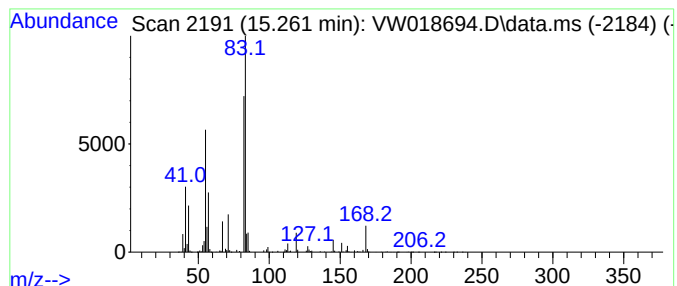
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Quant Title : SFAM01.0

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

Peak Number 57 (DEL) Alkane: Cyclic15.261 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.261	13.46 ug/L	4457630	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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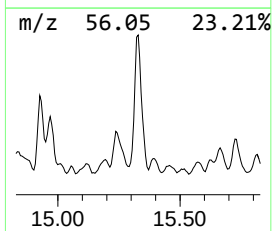
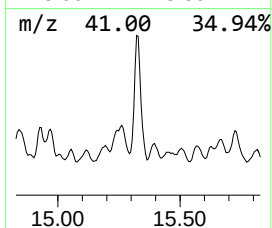
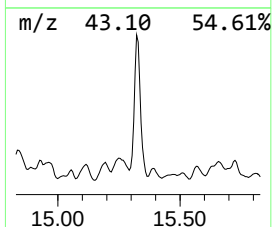
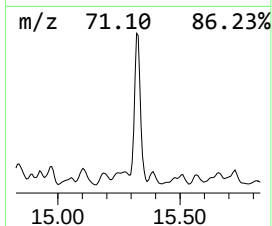
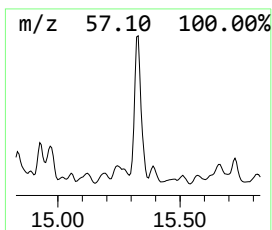
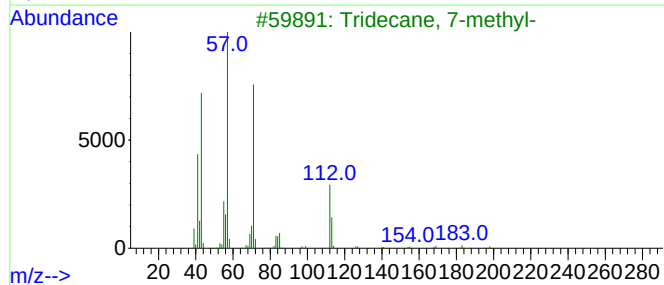
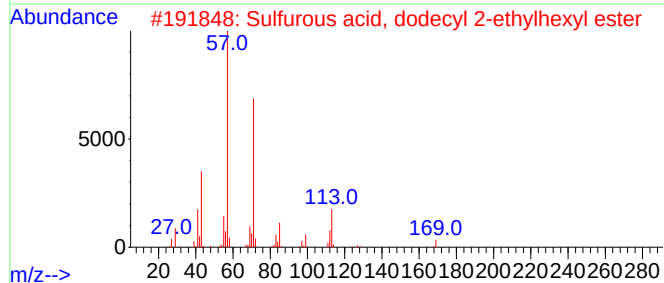
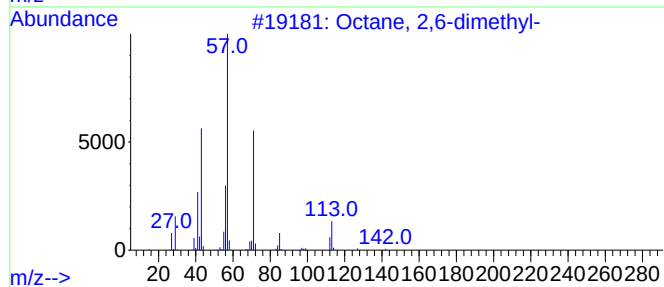
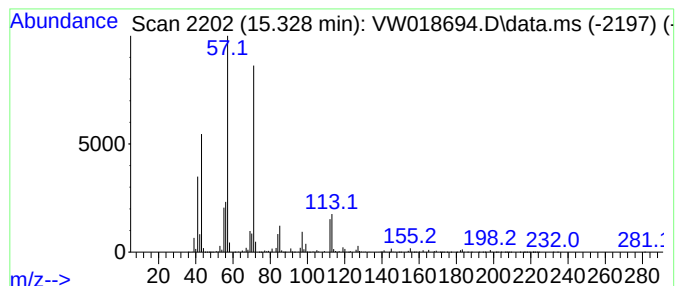
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Quant Title : SFAM01.0

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	36.84 ug/L	12203200	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

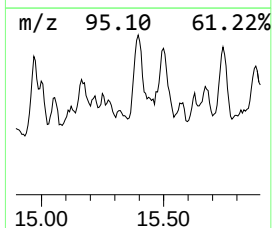
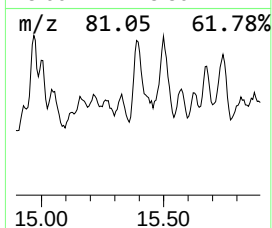
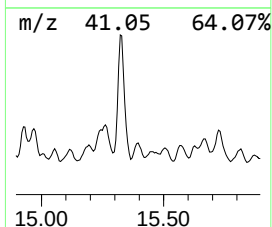
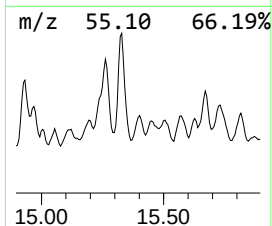
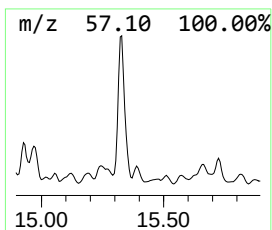
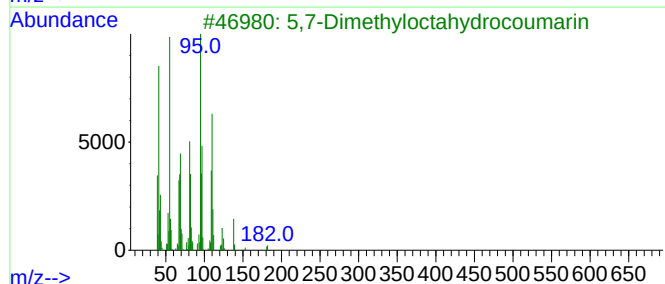
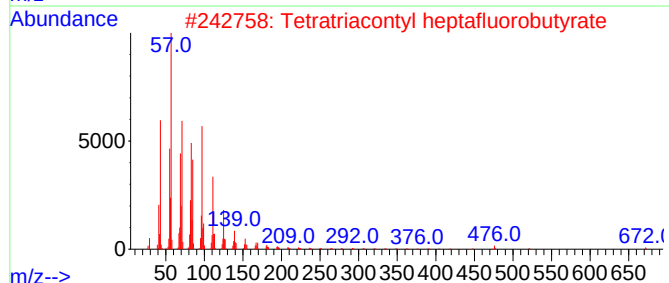
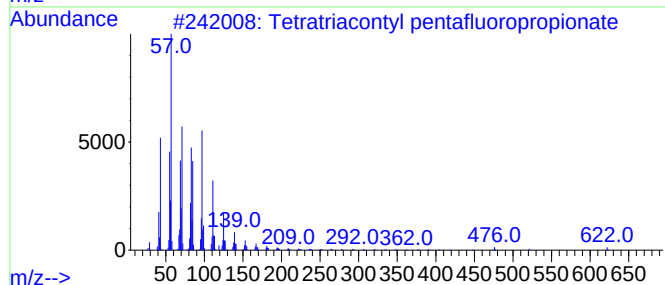
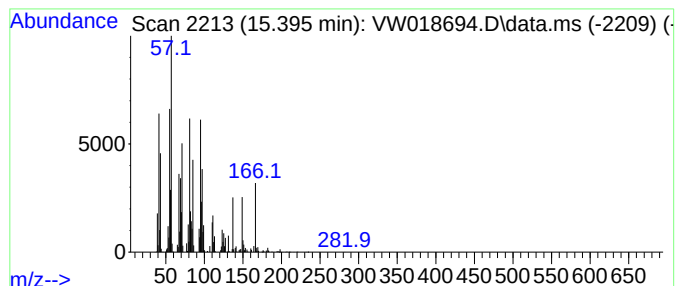
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Quant Title : SFAM01.0

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

Peak Number 59 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	5.13 ug/L	1700380	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	43
2			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	43
3			5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	38
4			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	35
5			Dodecane	170	C12H26	000112-40-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

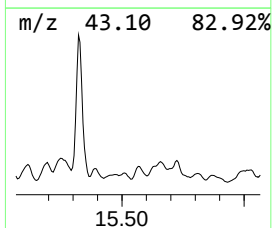
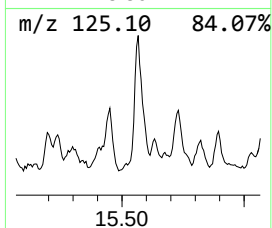
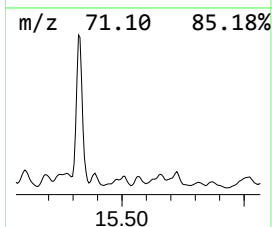
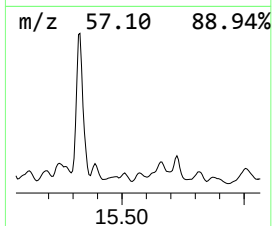
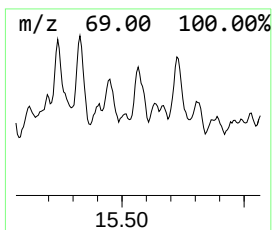
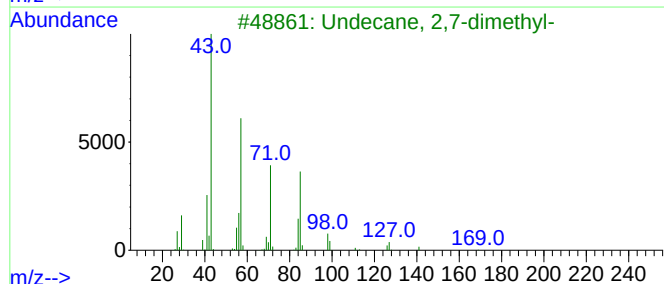
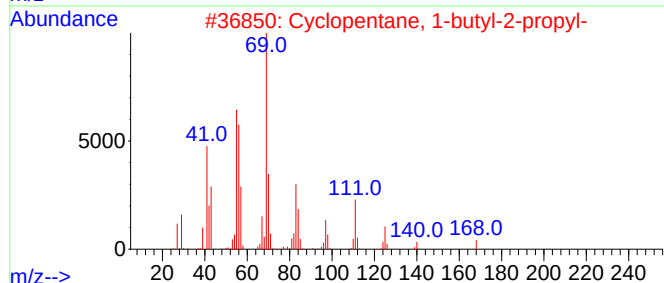
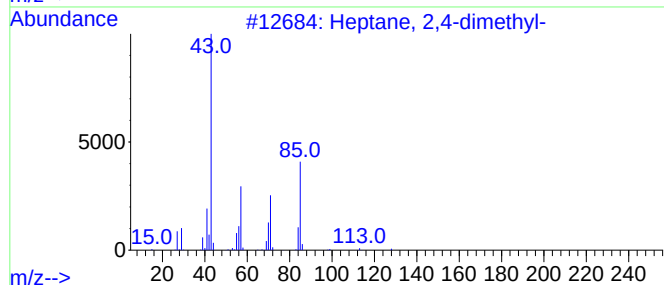
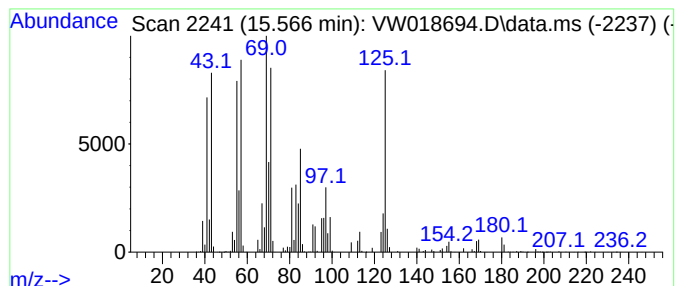
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Quant Title : SFAM01.0

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

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.566	6.22 ug/L	2061060	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
2			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	30
3			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	30
4			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	27
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

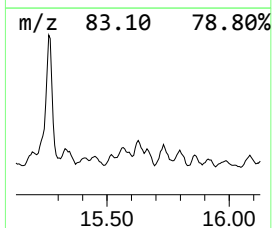
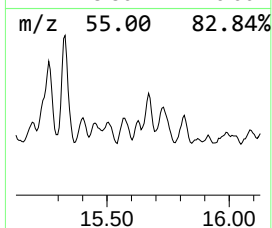
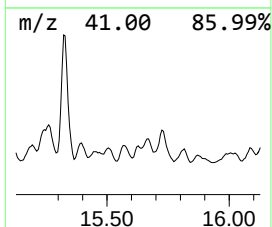
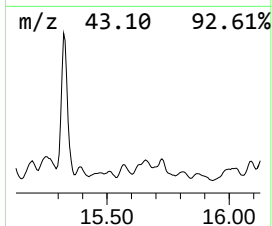
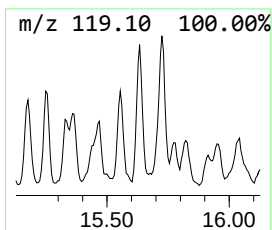
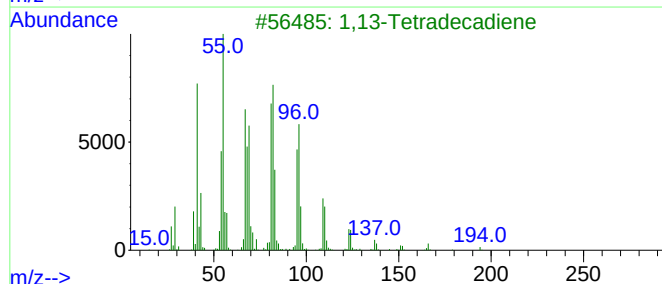
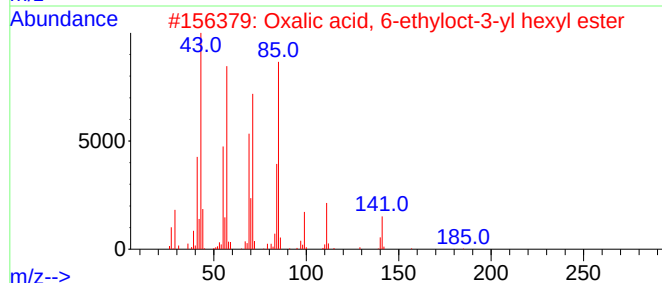
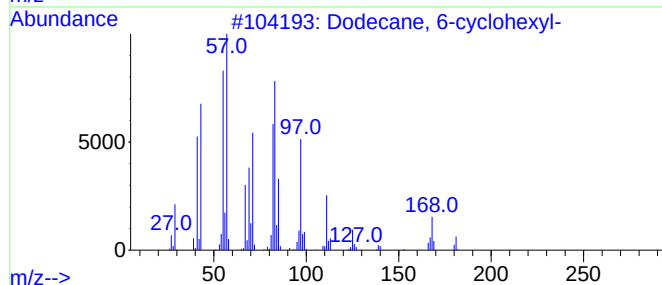
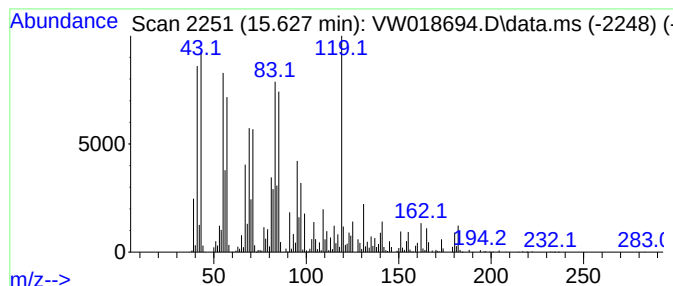
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Quant Title : SFAM01.0

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	3.73 ug/L	1235260	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	27
2			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	20
3			1,13-Tetradecadiene	194	C14H26	021964-49-8	18
4			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	18
5			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568

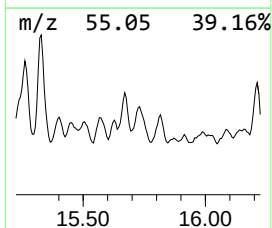
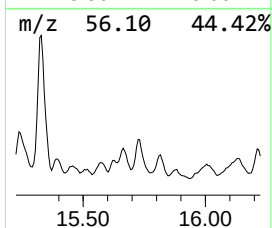
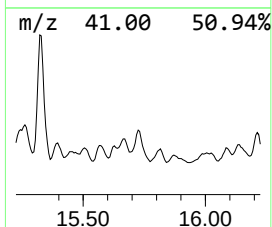
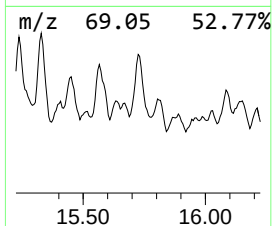
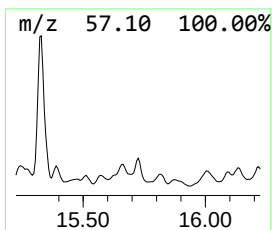
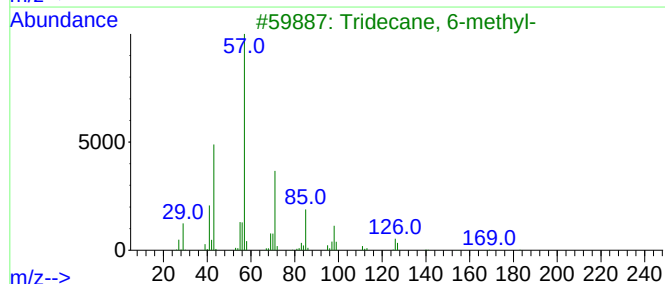
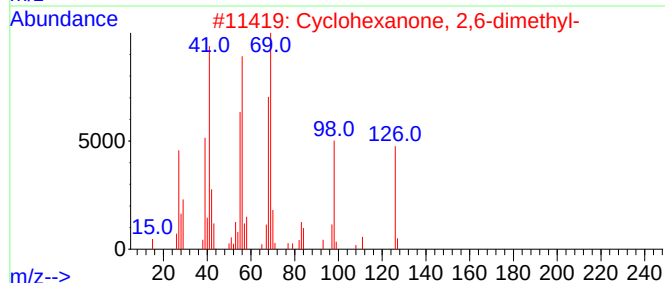
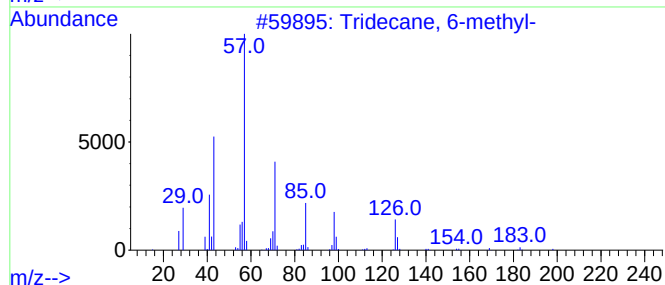
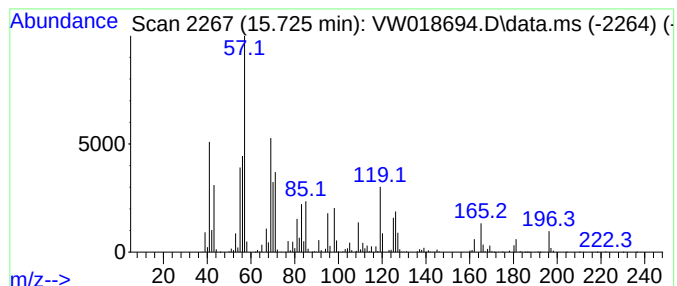
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Quant Title : SFAM01.0

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	11.30 ug/L	3743410	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	30
2			Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	30
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	27
4			Methylphosphonic acid, fluoroanh...	224	C10H22F02P	193090-16-3	27
5			3-Heptene	98	C7H14	000592-78-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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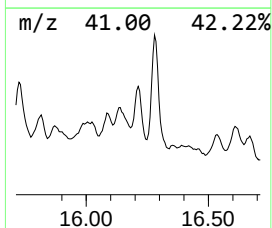
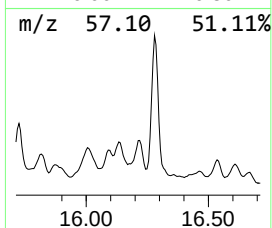
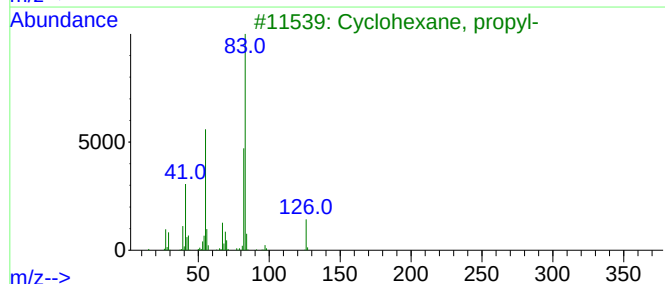
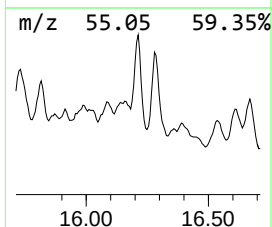
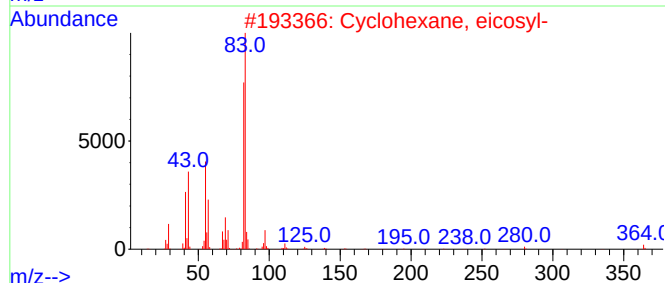
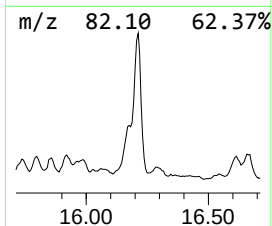
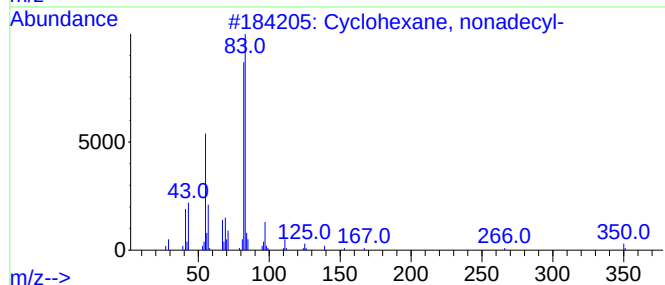
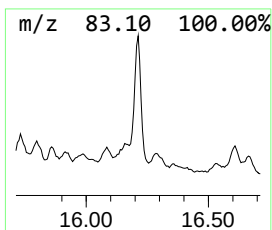
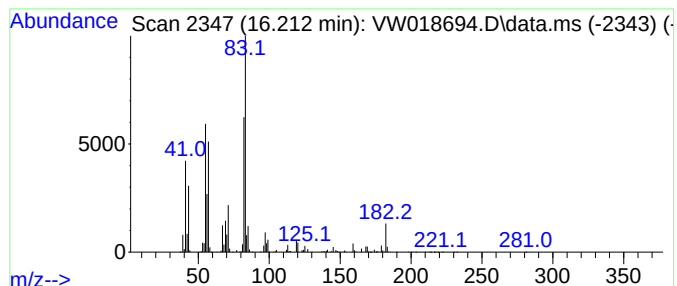
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Quant Title : SFAM01.0

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

Peak Number 63 (DEL) Alkane: Cyclic16.212 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	8.89 ug/L	2946410	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	53
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	53
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018694.D
Acq On : 20 Apr 2021 16:24
Operator : SY/VA
Sample : M2065-15
Misc : 3.22G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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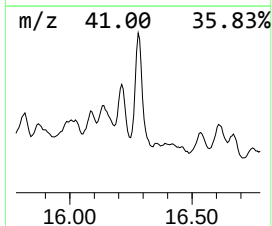
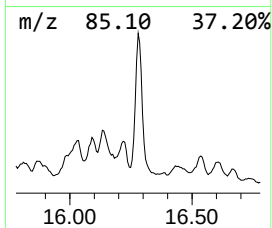
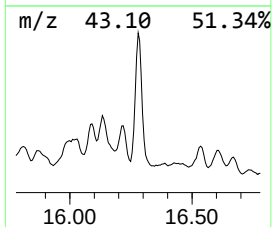
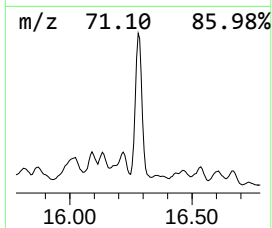
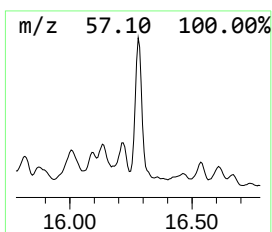
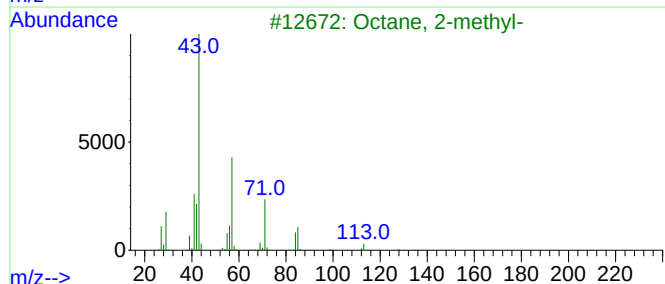
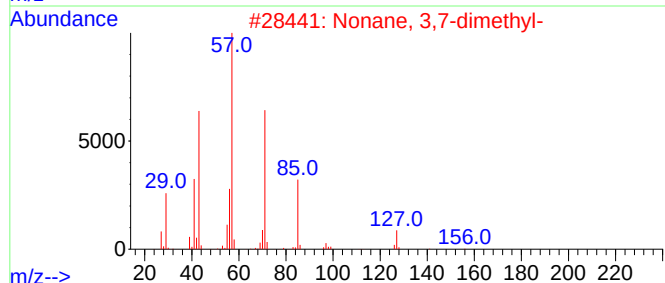
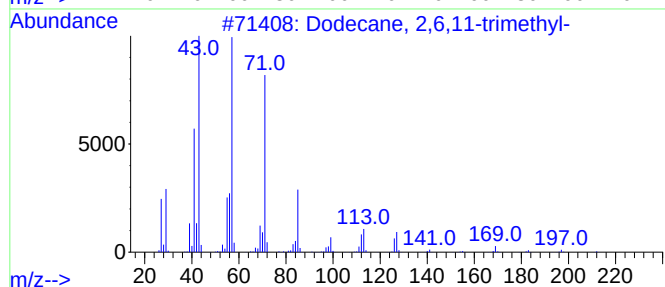
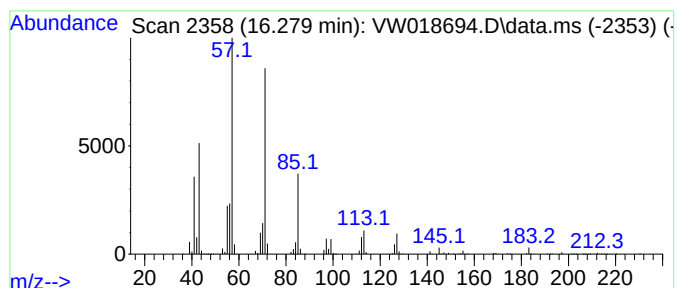
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Quant Title : SFAM01.0

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

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	21.98 ug/L	7280030	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	94
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3		Octane, 2-methyl-	128	C9H20	003221-61-2	81
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018694.D
 Acq On : 20 Apr 2021 16:24
 Operator : SY/VA
 Sample : M2065-15
 Misc : 3.22G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG568

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	8.482	5.7	ug/L	244961	1	8.842	1072820	25.0
2- Chloropropio...	9.073	2.1	ug/L	92101	1	8.842	1072820	25.0
(DEL) Alkane: S...	9.762	6.2	ug/L	266853	1	8.842	1072820	25.0
(DEL) Alkane: S...	9.896	7.9	ug/L	337080	1	8.842	1072820	25.0
(DEL) Alkane: S...	10.250	6.9	ug/L	304972	2	11.634	1106650	25.0
(DEL) Alkane: S...	10.768	3.2	ug/L	143300	2	11.634	1106650	25.0
(DEL) Alkane: S...	10.847	2.0	ug/L	88993	2	11.634	1106650	25.0
(DEL) Alkane: S...	11.036	8.2	ug/L	360802	2	11.634	1106650	25.0
(DEL) Alkane: C...	11.110	2.1	ug/L	91672	2	11.634	1106650	25.0
(DEL) Alkane: C...	11.177	2.0	ug/L	89178	2	11.634	1106650	25.0
(DEL) Alkane: C...	11.232	5.7	ug/L	253539	2	11.634	1106650	25.0
(DEL) Alkane: S...	11.341	5.1	ug/L	225327	2	11.634	1106650	25.0
Acetic acid, di...	11.378	2.4	ug/L	106541	2	11.634	1106650	25.0
(DEL) Alkane: C...	11.439	9.4	ug/L	415821	2	11.634	1106650	25.0
(DEL) Alkane: S...	11.506	4.4	ug/L	196102	2	11.634	1106650	25.0
(DEL) Alkane: S...	11.695	9.9	ug/L	437172	2	11.634	1106650	25.0
(DEL) Alkane: C...	11.768	1.9	ug/L	81724	2	11.634	1106650	25.0
(DEL) Alkane: C...	11.817	5.9	ug/L	260782	2	11.634	1106650	25.0
(DEL) Alkane: C...	11.878	18.9	ug/L	834979	2	11.634	1106650	25.0
(DEL) Alkane: S...	12.006	1.7	ug/L	75440	2	11.634	1106650	25.0
(DEL) Alkane: S...	12.067	11.8	ug/L	522834	2	11.634	1106650	25.0
(DEL) Alkane: S...	12.250	61.0	ug/L	2699900	2	11.634	1106650	25.0
(DEL) Alkane: S...	12.335	34.4	ug/L	1521020	2	11.634	1106650	25.0
Ether, tert-but...	12.366	49.5	ug/L	2189320	2	11.634	1106650	25.0
(DEL) Alkane: S...	12.500	72.4	ug/L	3204850	2	11.634	1106650	25.0
(DEL) Alkane: S...	12.591	152.4	ug/L	6746380	2	11.634	1106650	25.0
(DEL) Alkane: S...	12.756	5.3	ug/L	1741610	3	13.560	8281620	25.0
Oxalic acid, cy...	12.859	7.0	ug/L	2315260	3	13.560	8281620	25.0
(DEL) Alkane: S...	12.945	25.8	ug/L	8544860	3	13.560	8281620	25.0
(DEL) Alkane: C...	13.079	4.5	ug/L	1508290	3	13.560	8281620	25.0
5-Octen-4-one, ...	13.128	5.6	ug/L	1848550	3	13.560	8281620	25.0
(DEL) Alkane: S...	13.195	19.1	ug/L	6312370	3	13.560	8281620	25.0
(DEL) Alkane: S...	13.292	17.0	ug/L	5630260	3	13.560	8281620	25.0
(DEL) Alkane: S...	13.341	7.9	ug/L	2607850	3	13.560	8281620	25.0
unknown-01	13.378	2.6	ug/L	848416	3	13.560	8281620	25.0
(DEL) Alkane: S...	13.408	11.9	ug/L	3938440	3	13.560	8281620	25.0
(DEL) Alkane: C...	13.445	15.5	ug/L	5136310	3	13.560	8281620	25.0
(DEL) Alkane: S...	13.481	5.0	ug/L	1670720	3	13.560	8281620	25.0
(DEL) Alkane: C...	13.701	8.5	ug/L	2828350	3	13.560	8281620	25.0
Sulfurous acid, ...	13.768	6.1	ug/L	2017380	3	13.560	8281620	25.0
Ethanone, 1-(1-...	13.920	14.4	ug/L	4758980	3	13.560	8281620	25.0
(DEL) Alkane: C...	13.975	7.1	ug/L	2343660	3	13.560	8281620	25.0
(DEL) Alkane: S...	14.109	22.8	ug/L	7544590	3	13.560	8281620	25.0
(DEL) Alkane: S...	14.194	6.9	ug/L	2294930	3	13.560	8281620	25.0
(DEL) Alkane: S...	14.262	15.8	ug/L	5248720	3	13.560	8281620	25.0
(DEL) Alkane: S...	14.310	4.5	ug/L	1501540	3	13.560	8281620	25.0
Cyclohexanone, ...	14.383	27.3	ug/L	9052360	3	13.560	8281620	25.0
(DEL) Alkane: S...	14.499	10.3	ug/L	3409930	3	13.560	8281620	25.0
Trichloroacetic...	14.737	4.6	ug/L	1521650	3	13.560	8281620	25.0
(DEL) Alkane: C...	14.792	7.3	ug/L	2422530	3	13.560	8281620	25.0
(DEL) Alkane: C...	14.926	7.6	ug/L	2518270	3	13.560	8281620	25.0
unknown-02	14.969	6.7	ug/L	2233560	3	13.560	8281620	25.0

1,3-Diisopropox...	15.060	2.9	ug/L	949185	3	13.560	8281620	25.0
(DEL) Alkane: C...	15.261	13.5	ug/L	4457630	3	13.560	8281620	25.0
(DEL) Alkane: S...	15.328	36.8	ug/L	12203200	3	13.560	8281620	25.0
unknown-03	15.395	5.1	ug/L	1700380	3	13.560	8281620	25.0
(DEL) Alkane: S...	15.566	6.2	ug/L	2061060	3	13.560	8281620	25.0
(DEL) Alkane: S...	15.627	3.7	ug/L	1235260	3	13.560	8281620	25.0
(DEL) Alkane: S...	15.725	11.3	ug/L	3743410	3	13.560	8281620	25.0
(DEL) Alkane: C...	16.212	8.9	ug/L	2946410	3	13.560	8281620	25.0
(DEL) Alkane: S...	16.279	22.0	ug/L	7280030	3	13.560	8281620	25.0

Instrument :
MSVOA_W
ClientSampleId :
BG568