

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023343.D
 Acq On : 26 May 2022 01:04
 Operator : SY/VA
 Sample : N2995-17
 Misc : 3.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR8

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023343.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.062	25	26	29	rBV3	1069	1194	0.09%	0.006%
2	2.160	37	42	47	rBV	6489	12346	0.98%	0.063%
3	2.233	48	54	56	rBV6	4875	9682	0.77%	0.050%
4	2.349	68	73	81	rBV	101626	167172	13.23%	0.857%
5	2.885	155	161	169	rVB	53489	113424	8.98%	0.581%
6	3.257	220	222	227	rVB5	1785	2073	0.16%	0.011%
7	3.300	227	229	232	rBV4	1494	1764	0.14%	0.009%
8	3.355	235	238	240	rBV4	1381	1657	0.13%	0.008%
9	3.623	276	282	285	rVB7	1748	3742	0.30%	0.019%
10	3.666	285	289	290	rBV3	1047	1103	0.09%	0.006%
11	3.702	292	295	297	rBV2	1378	1990	0.16%	0.010%
12	3.739	297	301	303	rVV5	1149	1933	0.15%	0.010%
13	3.916	324	330	334	rBV7	1216	2156	0.17%	0.011%
14	4.019	334	347	360	rBV	107757	332845	26.34%	1.706%
15	4.123	360	364	374	rVB2	7203	19015	1.50%	0.097%
16	4.349	399	401	403	rBV3	1299	1065	0.08%	0.005%
17	4.379	403	406	409	rBV4	1414	2630	0.21%	0.013%
18	4.525	429	430	435	rVB5	1092	1129	0.09%	0.006%
19	4.568	435	437	441	rBV4	875	1326	0.10%	0.007%
20	4.702	457	459	464	rVB5	1315	2362	0.19%	0.012%
21	4.800	472	475	477	rBV4	1039	1097	0.09%	0.006%
22	4.915	484	494	507	rBV4	9846	32242	2.55%	0.165%
23	5.104	520	525	526	rBV5	1035	1872	0.15%	0.010%
24	5.226	542	545	546	rBV2	1038	1029	0.08%	0.005%
25	5.269	548	552	554	rVV4	1009	1261	0.10%	0.006%
26	5.415	572	576	578	rBV4	1040	1509	0.12%	0.008%
27	5.464	582	584	587	rVB5	1172	1079	0.09%	0.006%
28	5.732	624	628	630	rBV5	974	1290	0.10%	0.007%
29	5.769	630	634	640	rVV6	1155	3167	0.25%	0.016%
30	5.946	655	663	674	rVB9	5294	17796	1.41%	0.091%
31	6.165	698	699	702	rVB3	1182	994	0.08%	0.005%
32	6.196	702	704	706	rBV3	1187	1257	0.10%	0.006%
33	6.214	706	707	709	rVB2	1737	1001	0.08%	0.005%
34	6.245	709	712	715	rBV3	609	988	0.08%	0.005%
35	6.293	715	720	721	rVB3	1212	1757	0.14%	0.009%
36	6.458	745	747	750	rBV4	989	1327	0.11%	0.007%

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	6.598	767	770	775	rVB5	817	1572	0.12%	0.008%
38	6.708	785	788	790	rBV4	1108	1276	0.10%	0.007%
39	6.805	801	804	809	rBV5	796	1716	0.14%	0.009%
40	6.866	812	814	816	rBV2	1244	1374	0.11%	0.007%
41	6.891	816	818	820	rVV3	910	1202	0.10%	0.006%
42	6.946	825	827	831	rVB5	968	1263	0.10%	0.006%
43	7.080	841	849	872	rVV2	42012	143783	11.38%	0.737%
44	7.269	874	880	886	rVV5	3790	9941	0.79%	0.051%
45	7.647	932	942	957	rVB	222110	543996	43.05%	2.788%
46	7.817	967	970	973	rVB5	1077	1112	0.09%	0.006%
47	8.031	1001	1005	1008	rBV6	1179	1881	0.15%	0.010%
48	8.080	1011	1013	1015	rVB3	1127	1152	0.09%	0.006%
49	8.110	1015	1018	1019	rBV3	975	1066	0.08%	0.005%
50	8.147	1021	1024	1032	rVB10	1847	3698	0.29%	0.019%
51	8.275	1034	1045	1061	rBV2	380102	1185003	93.77%	6.074%
52	8.671	1107	1110	1111	rBV3	1190	1188	0.09%	0.006%
53	8.689	1111	1113	1118	rVB6	1539	2418	0.19%	0.012%
54	8.842	1129	1138	1147	rBV	423584	832914	65.91%	4.269%
55	8.988	1160	1162	1164	rBV3	1227	1067	0.08%	0.005%
56	9.018	1165	1167	1169	rVV3	1402	1117	0.09%	0.006%
57	9.043	1169	1171	1173	rVV3	1735	1625	0.13%	0.008%
58	9.085	1173	1178	1183	rVB7	2635	6279	0.50%	0.032%
59	9.274	1199	1209	1218	rVV	291882	589154	46.62%	3.020%
60	9.402	1227	1230	1233	rBV5	1176	1307	0.10%	0.007%
61	9.476	1240	1242	1246	rBV5	1679	1965	0.16%	0.010%
62	9.573	1256	1258	1259	rBV2	1484	1500	0.12%	0.008%
63	9.665	1268	1273	1276	rBV7	2302	4150	0.33%	0.021%
64	9.866	1302	1306	1307	rBV3	2002	2623	0.21%	0.013%
65	10.037	1326	1334	1342	rBV	142169	264011	20.89%	1.353%
66	10.323	1373	1381	1389	rBV	564394	988964	78.26%	5.069%
67	10.579	1417	1423	1431	rBV	96438	159972	12.66%	0.820%
68	10.701	1438	1443	1448	rVB2	22332	40954	3.24%	0.210%
69	10.927	1473	1480	1492	rBV	174370	320872	25.39%	1.645%
70	11.036	1494	1498	1501	rBV2	19001	31028	2.46%	0.159%
71	11.110	1506	1510	1515	rVB2	18321	28191	2.23%	0.144%
72	11.231	1524	1530	1535	rBV2	29149	51505	4.08%	0.264%
73	11.286	1535	1539	1542	rBV4	7961	11806	0.93%	0.061%
74	11.335	1542	1547	1551	rBV2	48696	92512	7.32%	0.474%
75	11.408	1551	1559	1570	rVB4	158413	425049	33.64%	2.179%
76	11.512	1570	1576	1586	rVB	228121	406258	32.15%	2.082%

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 Title : SFAM01.0

77	11.628	1586	1595	1602	rBV	664582	1218182	96.40%	6.244%
78	11.695	1602	1606	1612	rVB	63179	99154	7.85%	0.508%
79	11.762	1612	1617	1621	rBV2	41152	74517	5.90%	0.382%
80	11.841	1621	1630	1632	rBV2	213811	443389	35.09%	2.273%
81	11.872	1632	1635	1639	rVB	188706	266764	21.11%	1.367%
82	12.000	1647	1656	1659	rBV2	86105	205448	16.26%	1.053%
83	12.061	1661	1666	1671	rVB2	249704	417484	33.04%	2.140%
84	12.134	1671	1678	1683	rBV4	618232	1263676	100.00%	6.477%
85	12.250	1693	1697	1702	rVB	590233	896506	70.94%	4.595%
86	12.329	1702	1710	1712	rBV5	379883	929910	73.59%	4.766%
87	12.609	1751	1756	1760	rBV2	372070	623914	49.37%	3.198%
88	12.646	1760	1762	1765	rVB	107139	100714	7.97%	0.516%
89	12.695	1765	1770	1775	rBV2	353396	604107	47.81%	3.096%
90	12.780	1780	1784	1790	rVB2	477972	857598	67.87%	4.395%
91	12.859	1790	1797	1803	rBV7	201313	617281	48.85%	3.164%
92	12.932	1804	1809	1815	rVB5	349609	740145	58.57%	3.793%
93	13.079	1829	1833	1836	rVB3	126159	180959	14.32%	0.927%
94	13.115	1837	1839	1843	rVV3	60633	93734	7.42%	0.480%
95	13.164	1844	1847	1858	rVB6	113347	261416	20.69%	1.340%
96	13.554	1905	1911	1919	rVB	771869	1238031	97.97%	6.345%
97	13.853	1954	1960	1968	rBV	591631	1115772	88.30%	5.719%
98	14.066	1990	1995	2003	rVB2	81502	154731	12.24%	0.793%
99	14.377	2043	2046	2050	rBV3	51888	81980	6.49%	0.420%
100	14.542	2070	2073	2078	rVB2	69868	106757	8.45%	0.547%

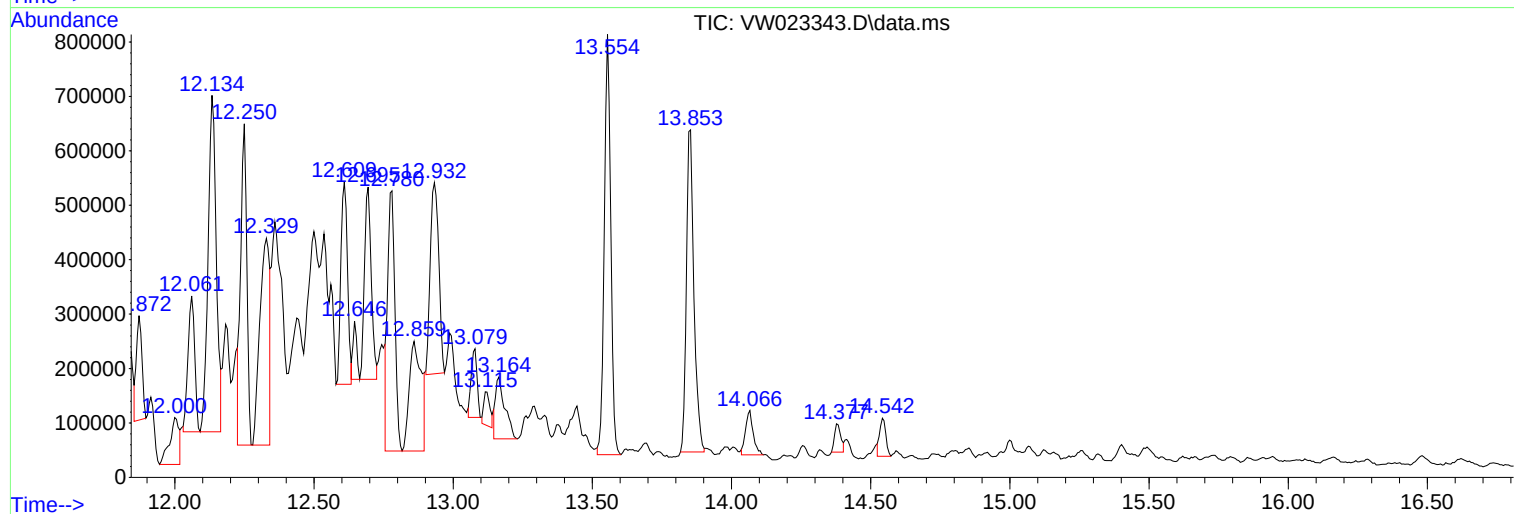
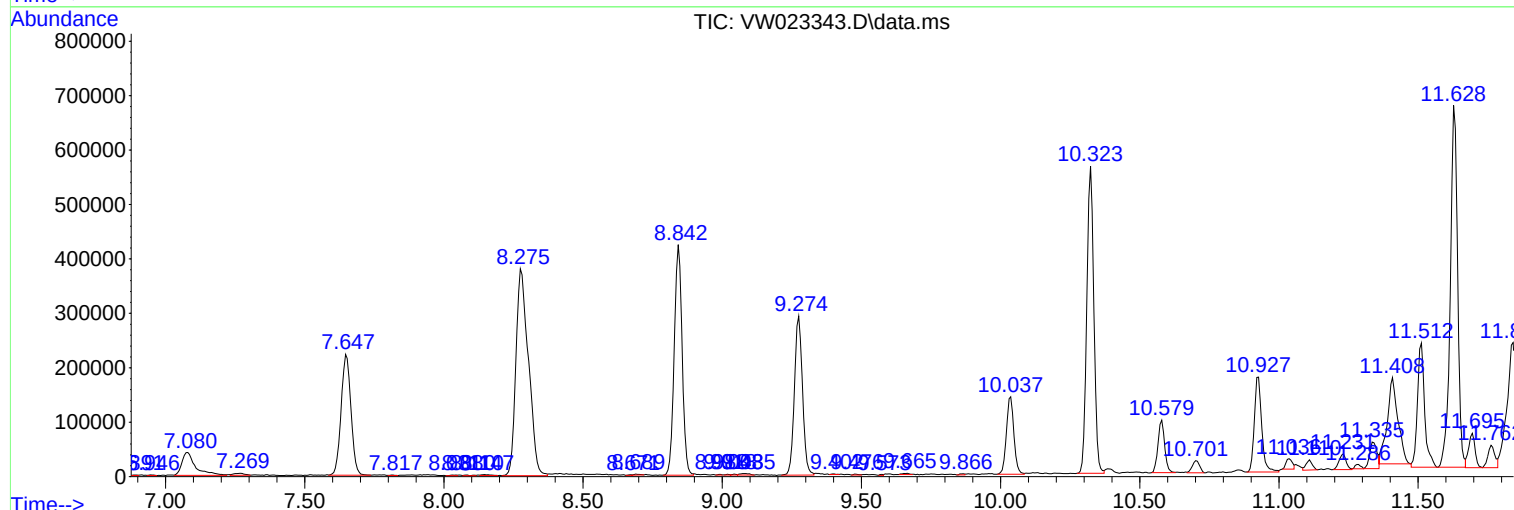
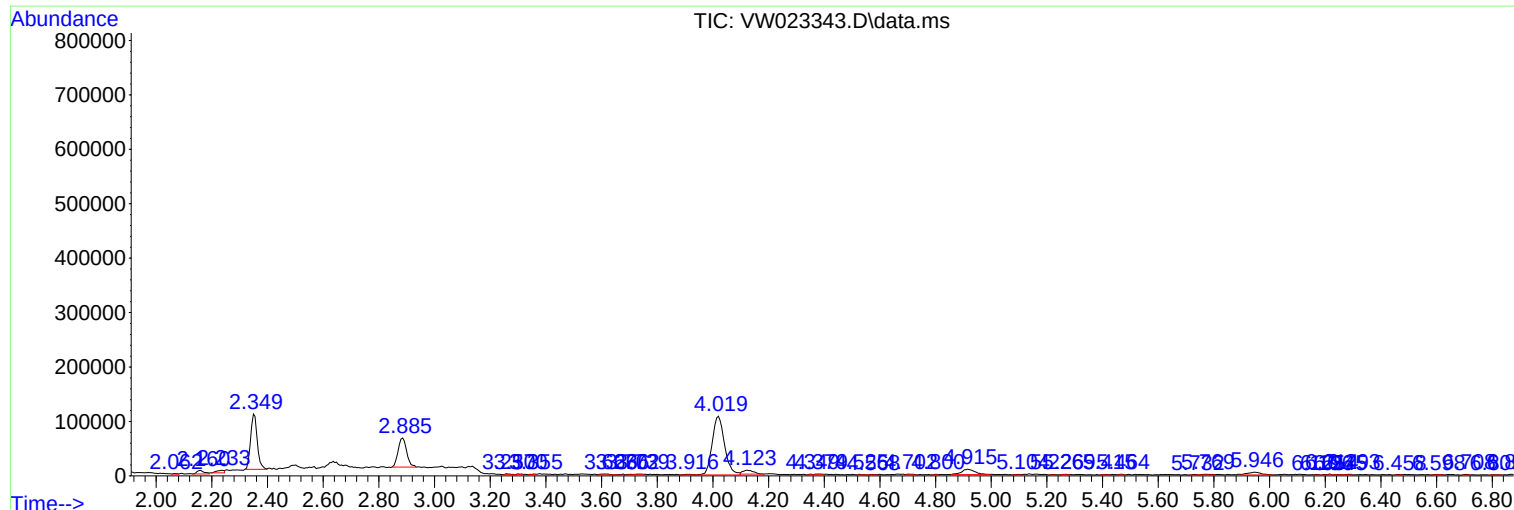
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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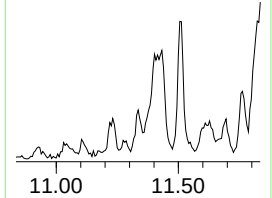
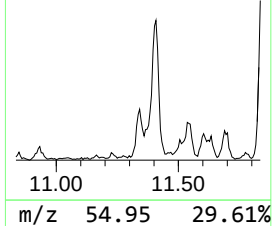
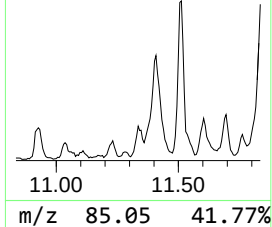
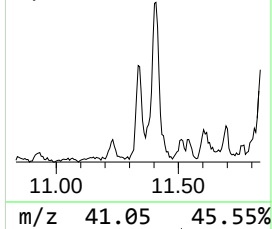
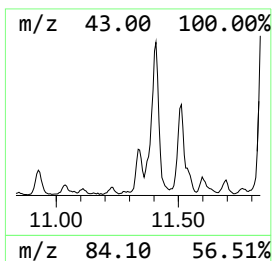
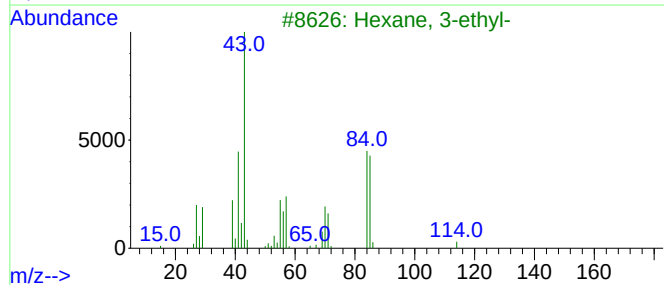
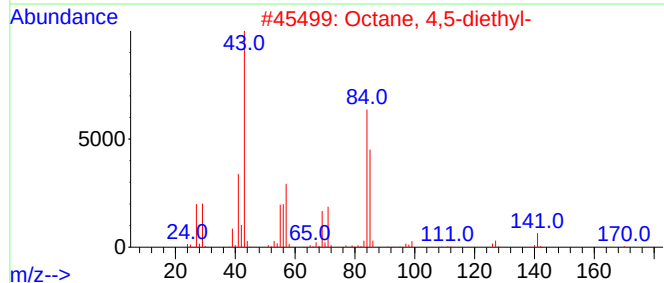
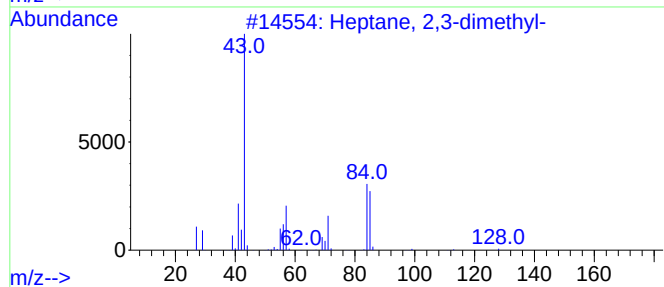
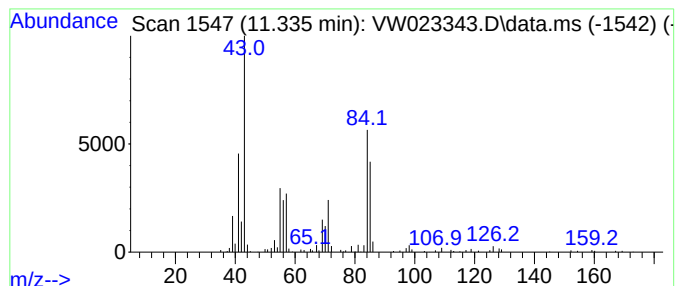
Instrument :
MSVOA_W
ClientSampleId :
GBGR8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.335	1.90 ug/L	92512	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	80
2	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	78
3	Hexane, 3-ethyl-		114	C8H18	000619-99-8	78
4	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	72
5	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	72



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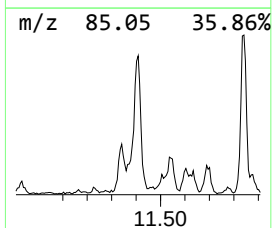
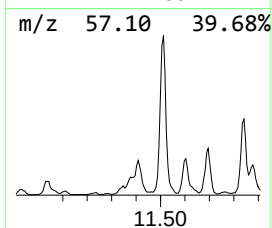
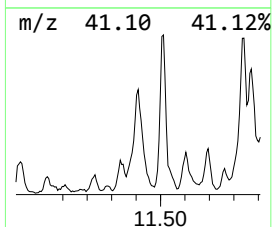
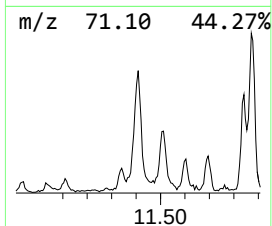
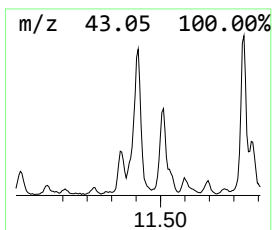
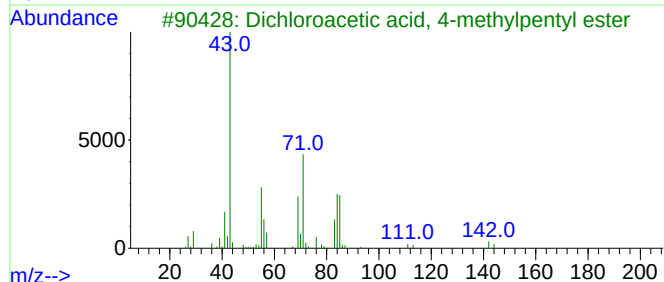
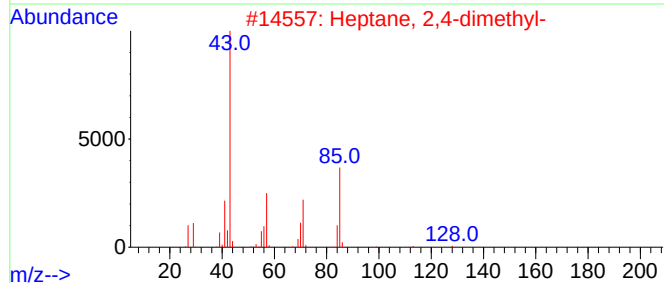
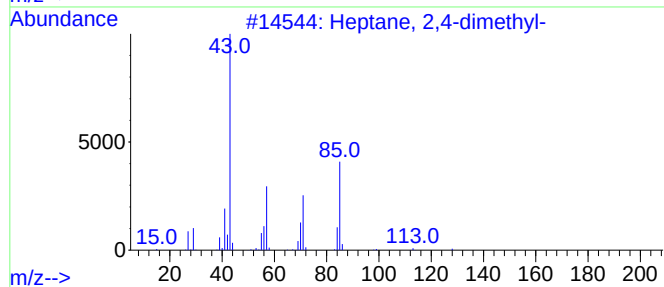
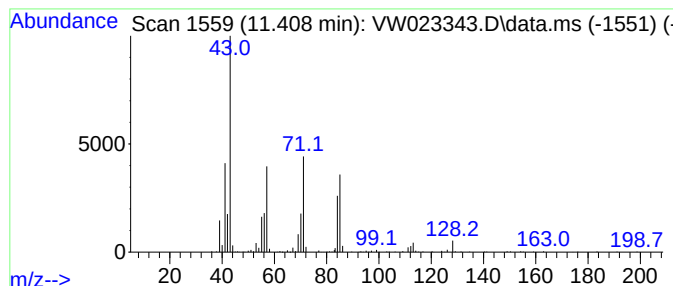
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	8.72 ug/L	425049	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3			Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5			Octane, 4-methyl-	128	C9H20	002216-34-4	64



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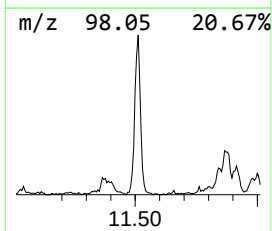
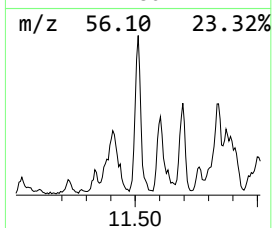
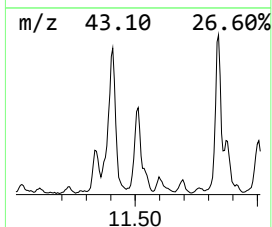
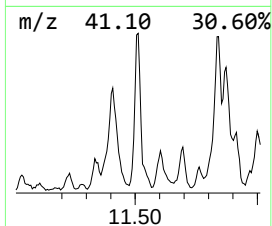
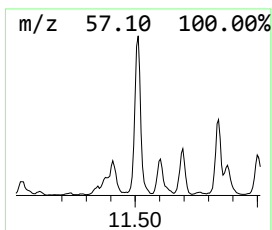
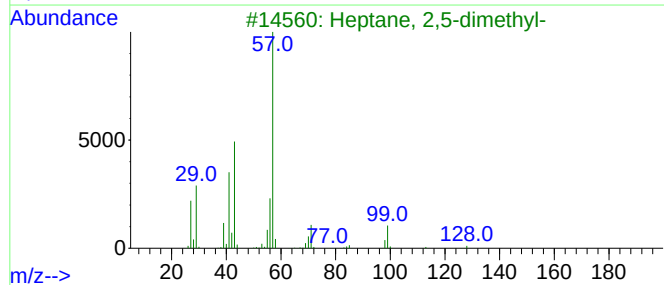
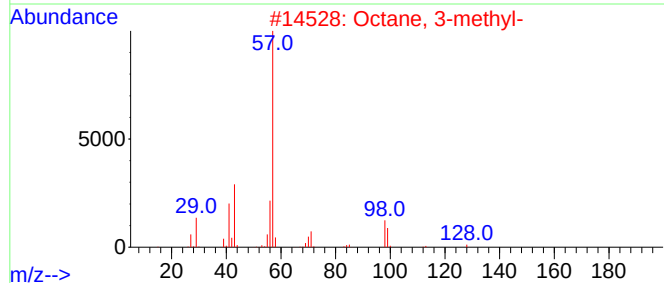
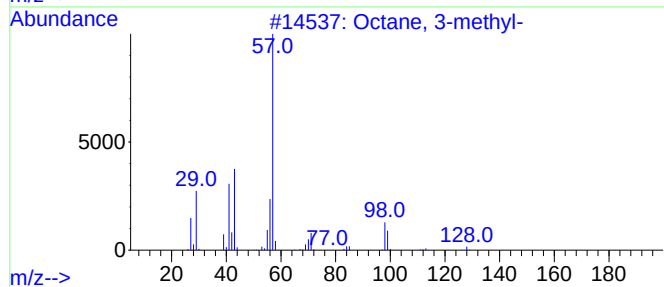
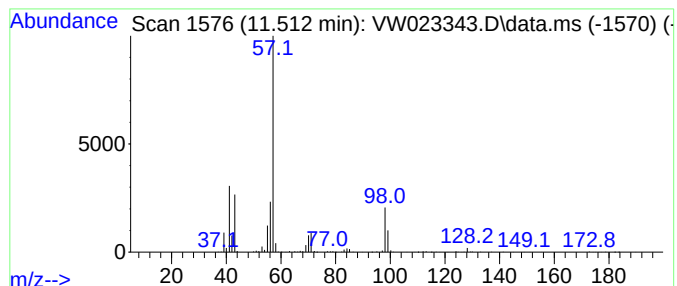
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.512	8.34 ug/L	406258	Chlorobenzene-d5			11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	90
2			Octane, 3-methyl-	128	C9H20	002216-33-3	83
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
4			Octane, 3-methyl-	128	C9H20	002216-33-3	72
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

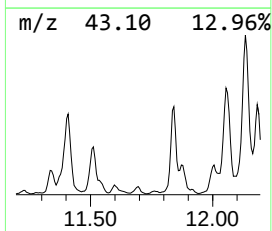
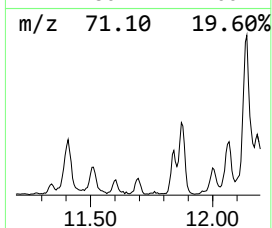
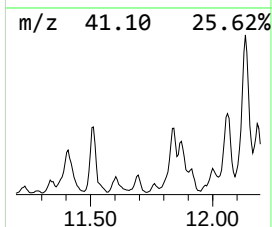
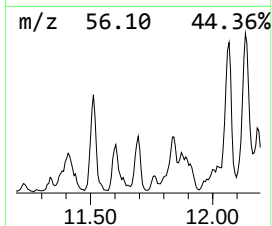
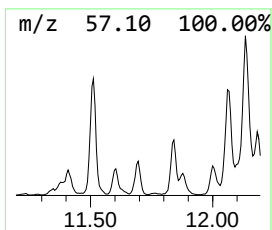
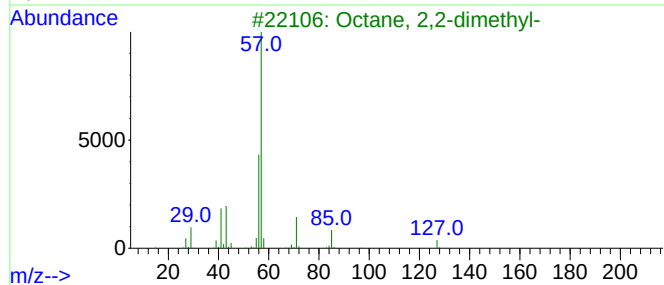
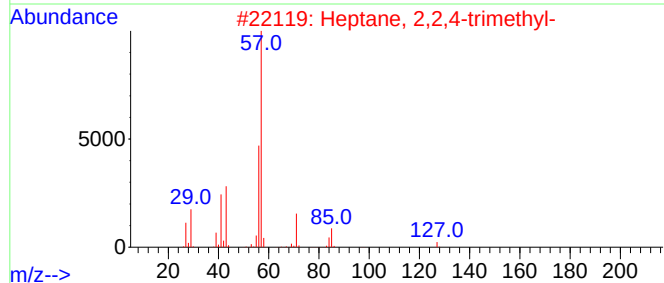
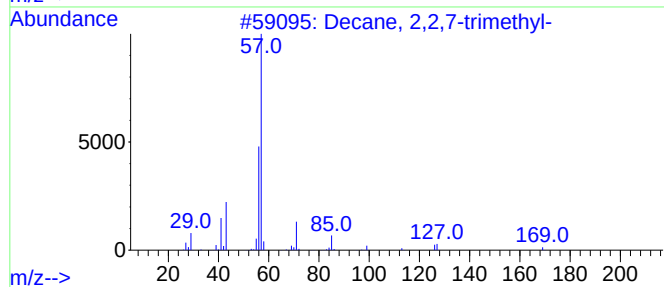
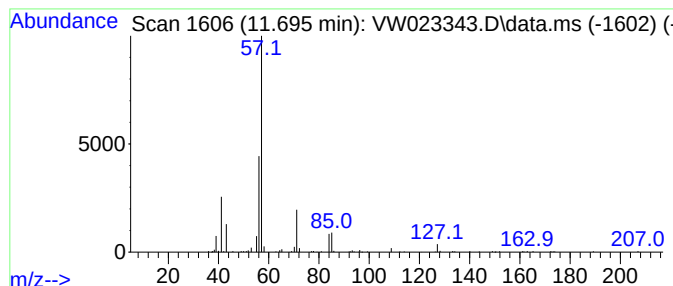
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.695	2.03 ug/L	99154	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	72
2	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	64
3	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	56
4	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	56
5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

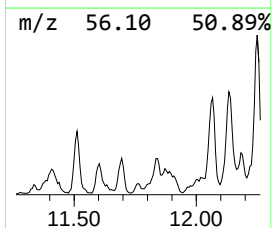
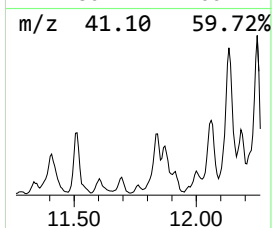
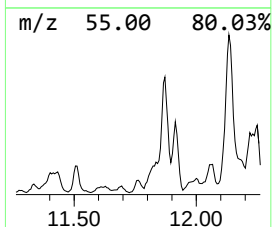
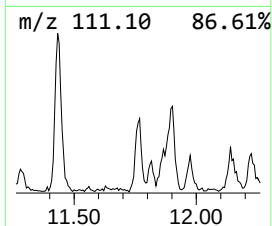
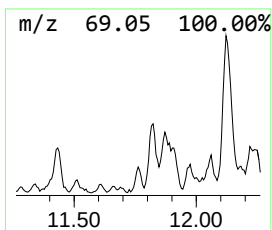
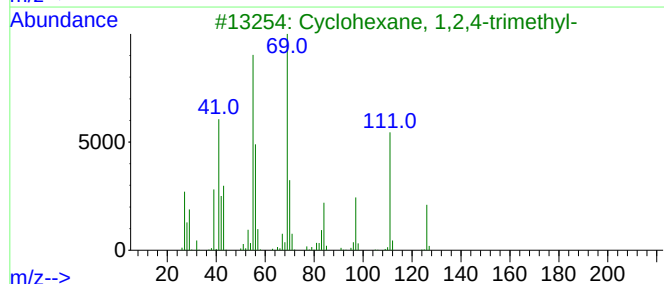
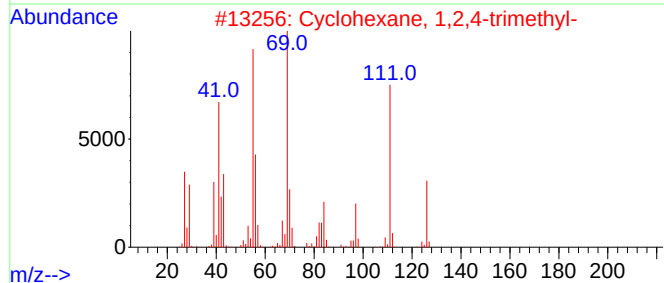
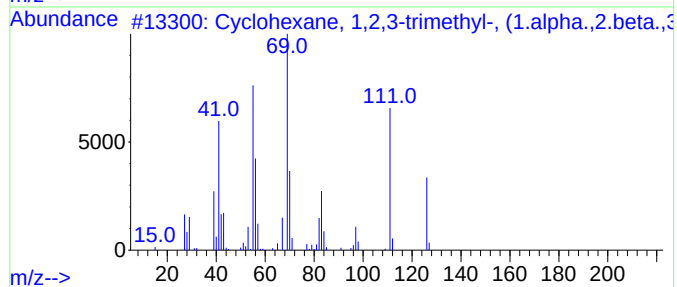
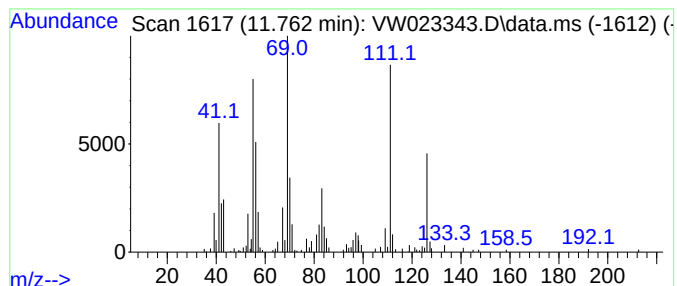
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic11.762 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.762	1.53 ug/L	74517	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	95
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

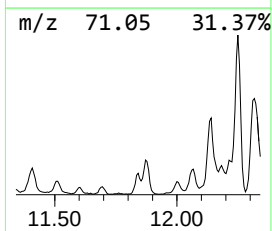
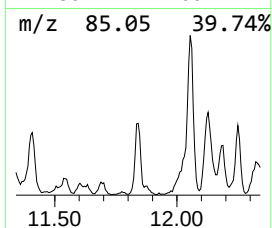
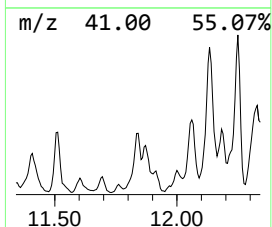
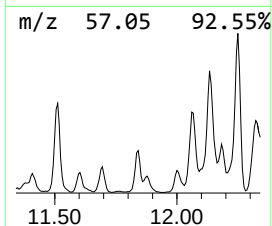
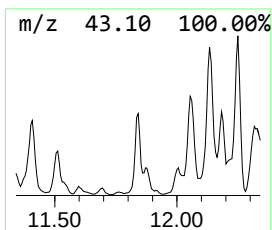
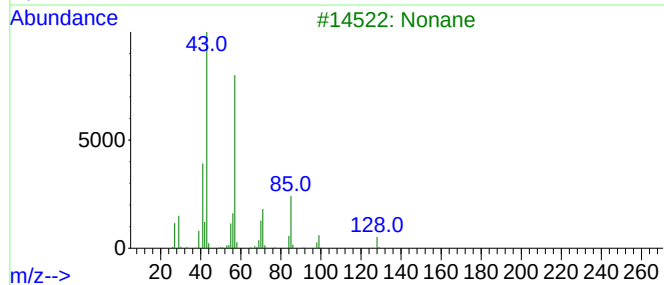
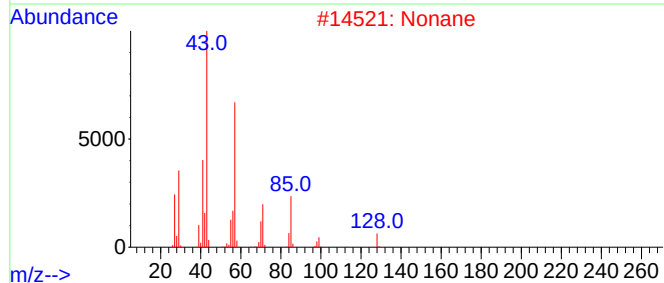
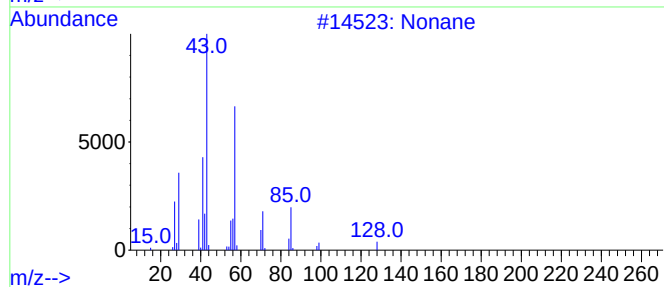
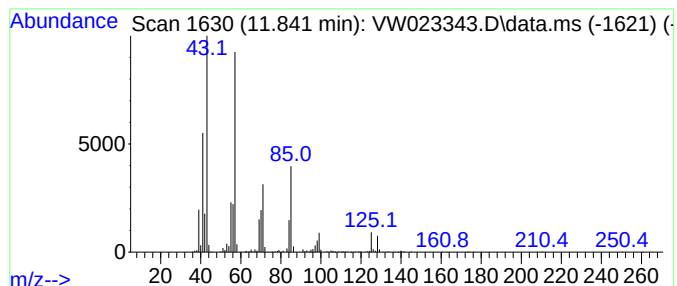
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	9.10 ug/L	443389	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	93
2			Nonane	128	C9H20	000111-84-2	93
3			Nonane	128	C9H20	000111-84-2	90
4			Nonane	128	C9H20	000111-84-2	90
5			Octane	114	C8H18	000111-65-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

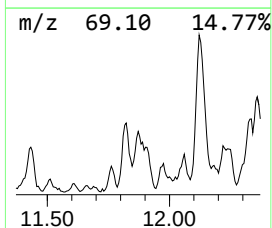
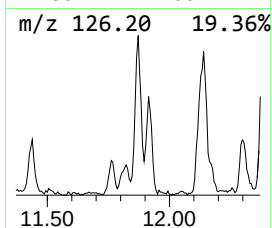
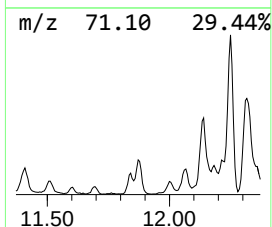
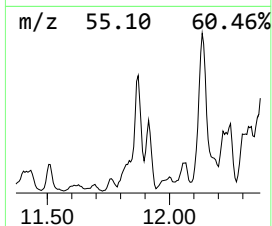
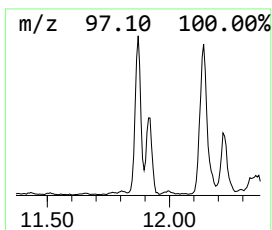
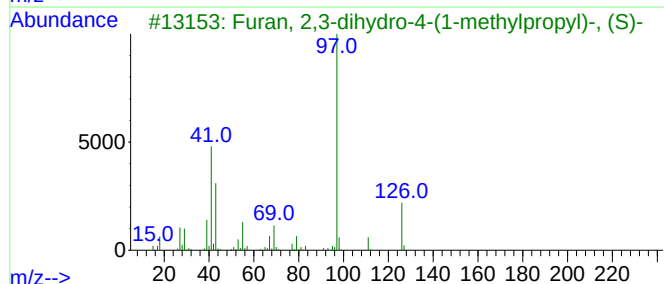
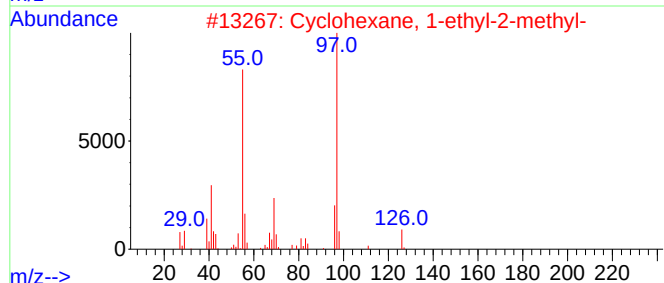
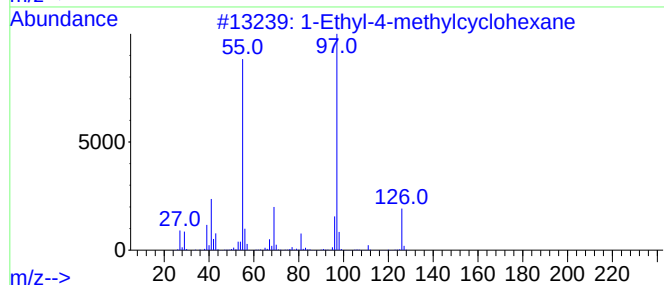
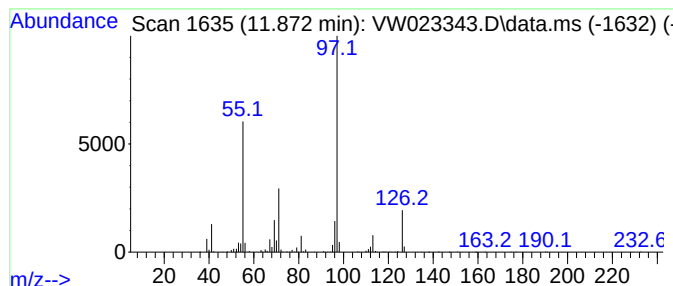
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic11.872 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.872	5.47 ug/L	266764	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53
3			Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	53
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
5			4-Octen-3-one	126	C8H14O	014129-48-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

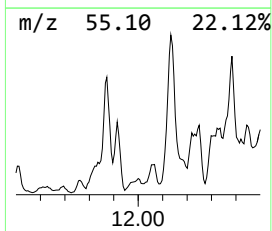
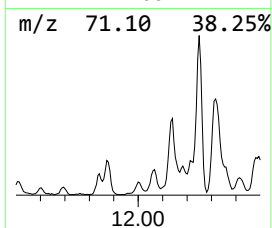
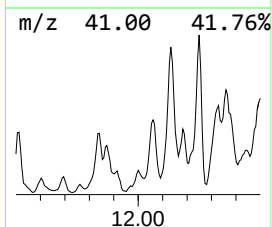
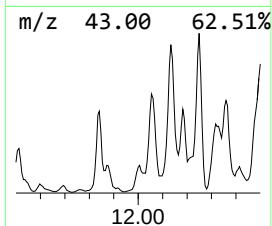
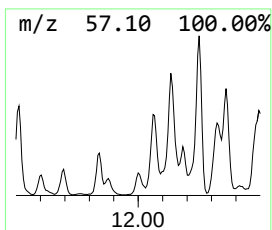
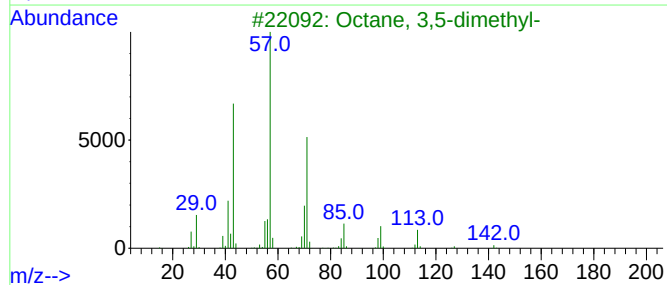
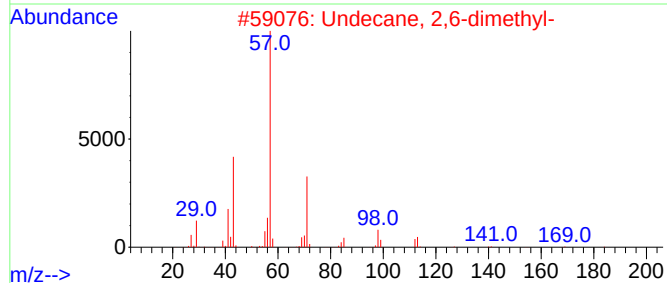
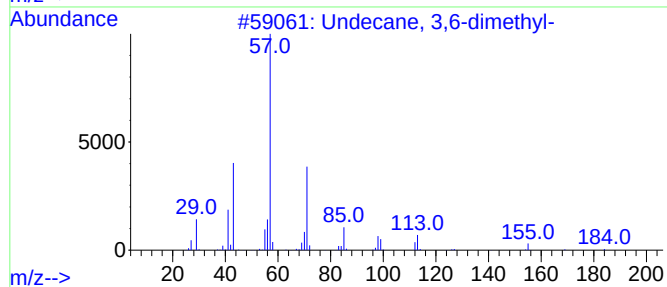
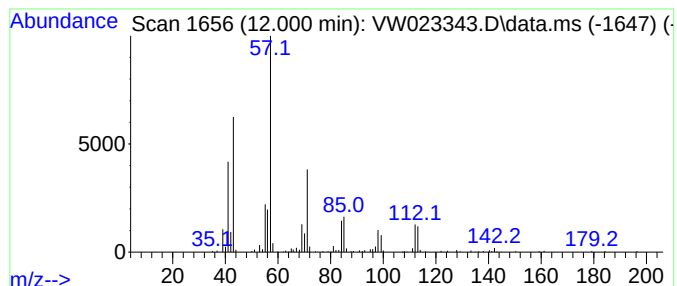
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.000	4.22 ug/L	205448	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	59
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

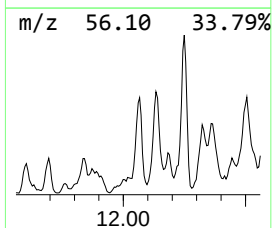
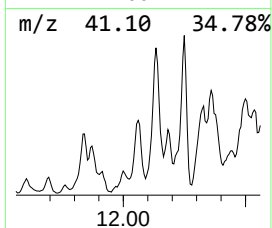
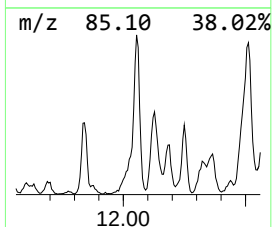
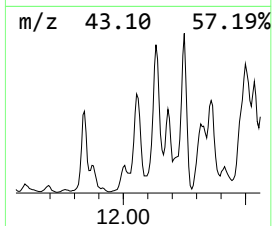
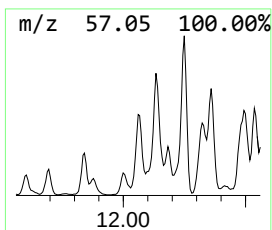
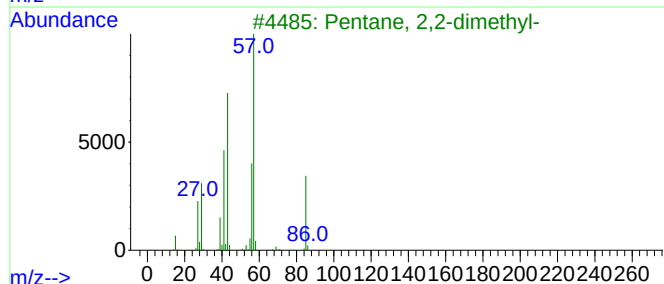
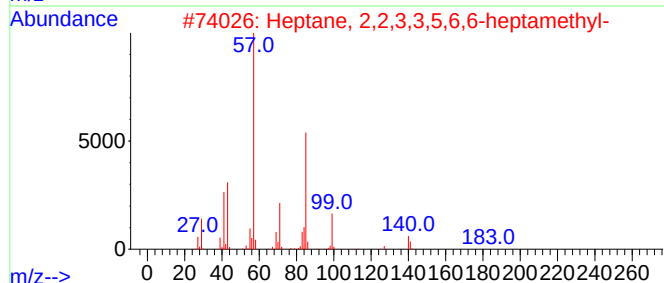
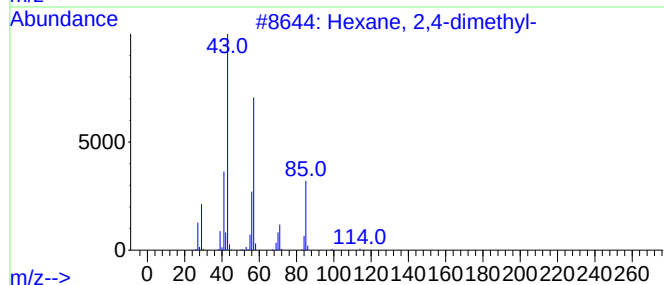
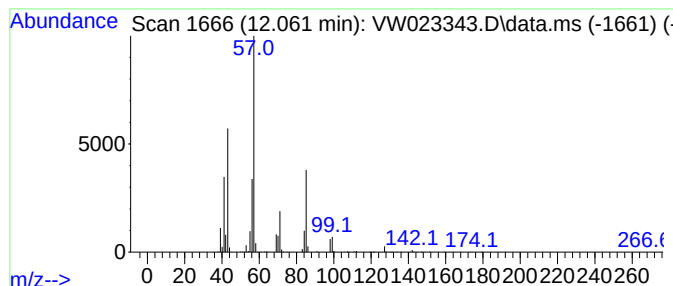
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	8.57 ug/L	417484	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	59
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

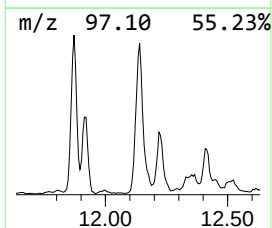
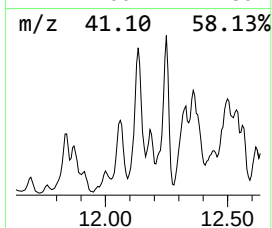
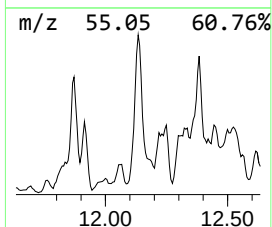
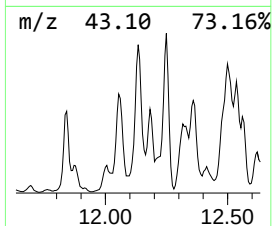
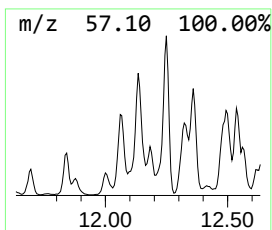
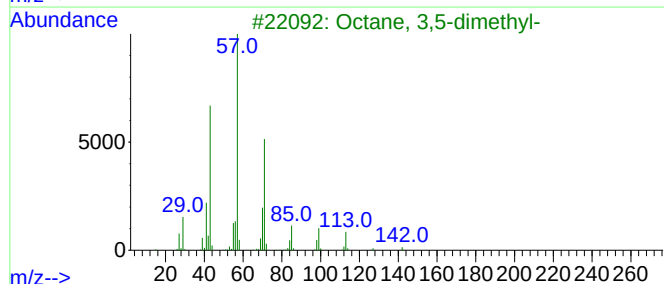
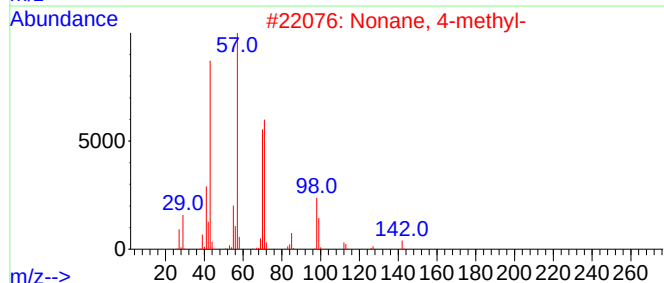
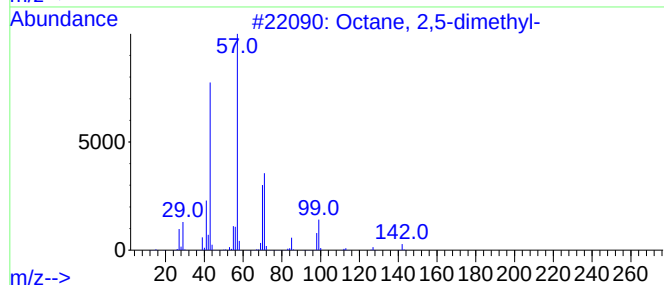
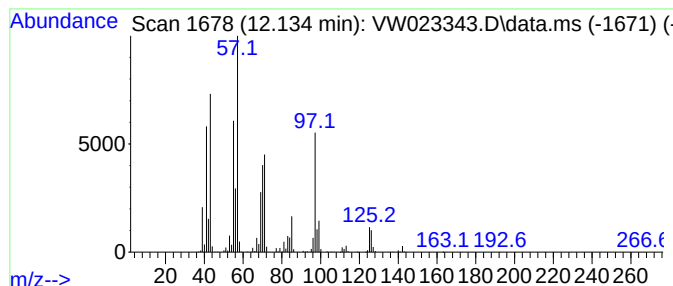
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	25.93 ug/L	1263680	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-			142	C10H22	015869-89-3	58
2	Nonane, 4-methyl-			142	C10H22	017301-94-9	46
3	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	43
4	Oxalic acid, isobutyl nonyl ester			272	C15H28O4	1010309-37-4	38
5	Nonane, 4-methyl-			142	C10H22	017301-94-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

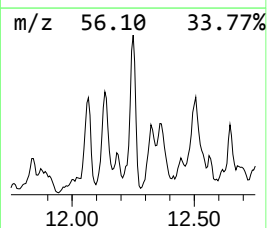
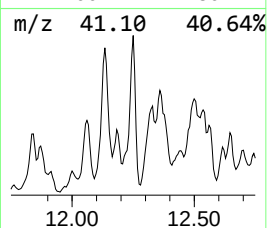
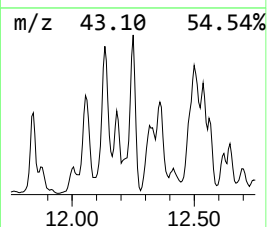
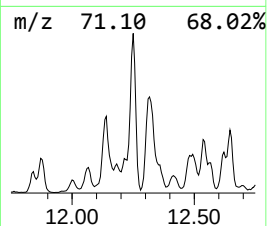
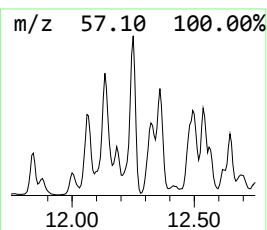
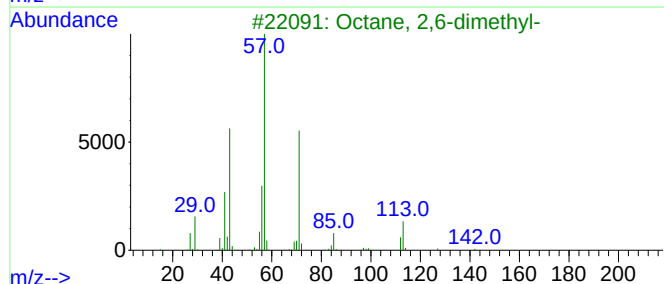
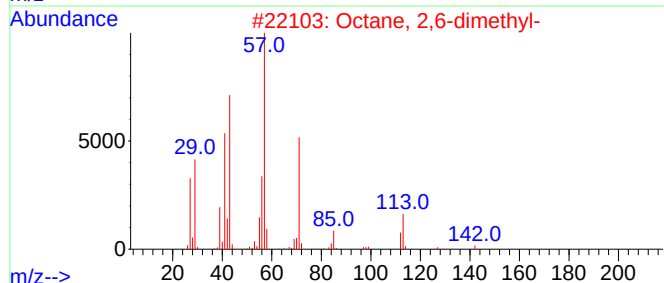
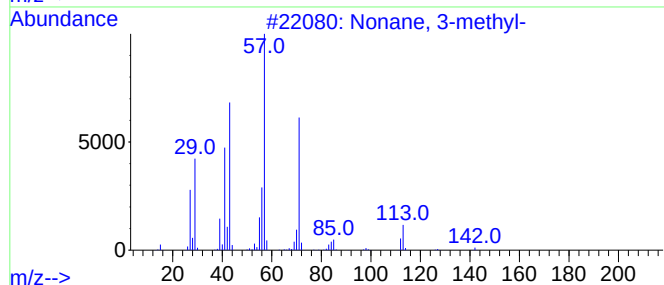
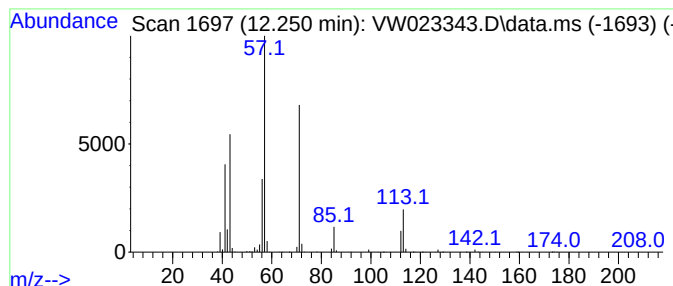
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	18.40 ug/L	896506	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

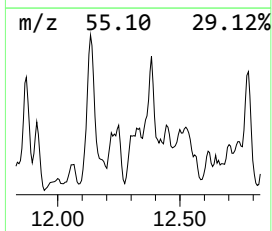
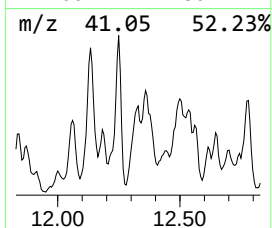
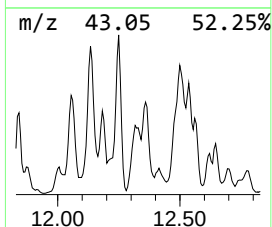
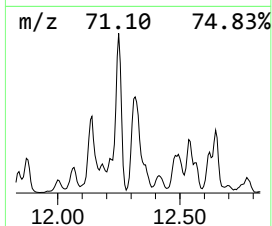
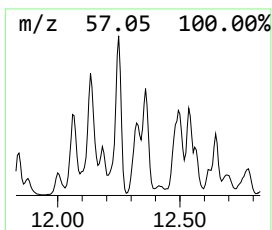
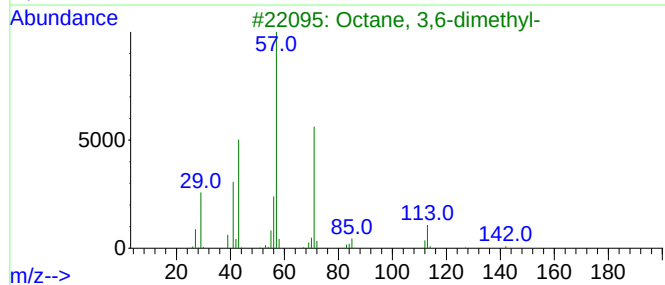
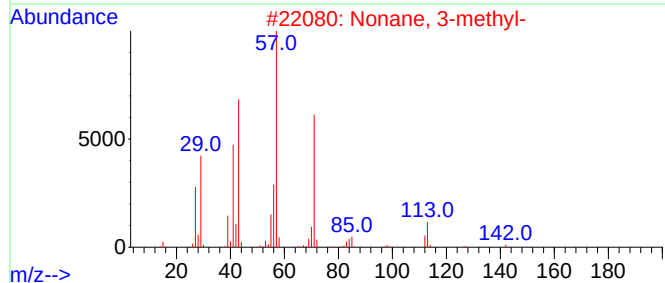
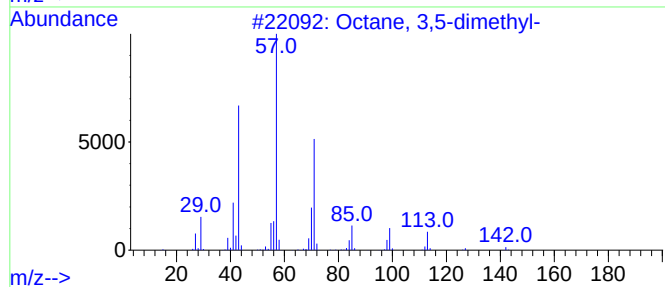
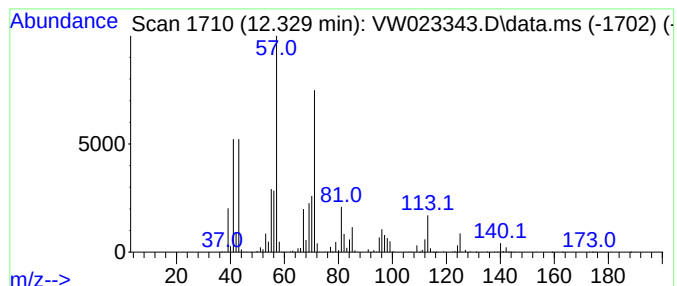
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.329	19.08 ug/L	929910	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-		142	C10H22		015869-93-9	76
2	Nonane, 3-methyl-		142	C10H22		005911-04-6	62
3	Octane, 3,6-dimethyl-		142	C10H22		015869-94-0	58
4	Sulfurous acid, 2-ethylhexyl hep...		432	C25H52O3S		1000309-20-0	53
5	Octane, 2,6-dimethyl-		142	C10H22		002051-30-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

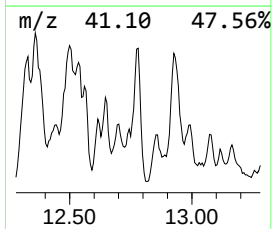
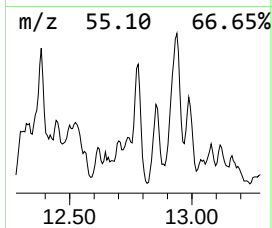
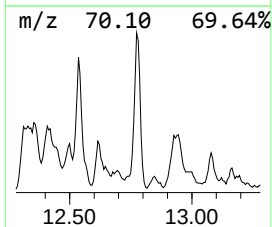
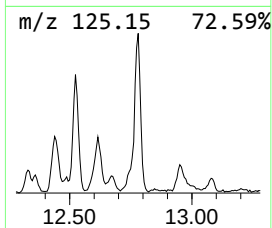
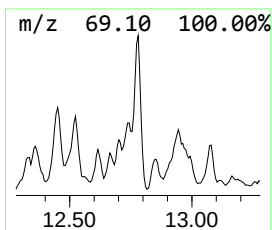
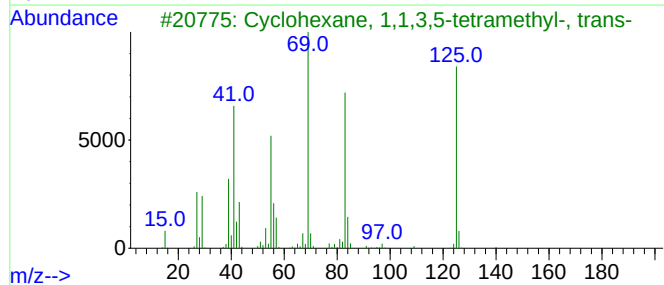
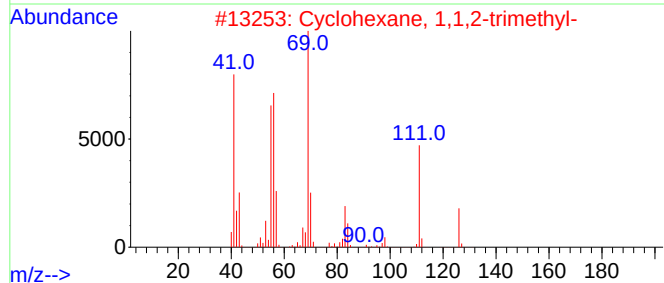
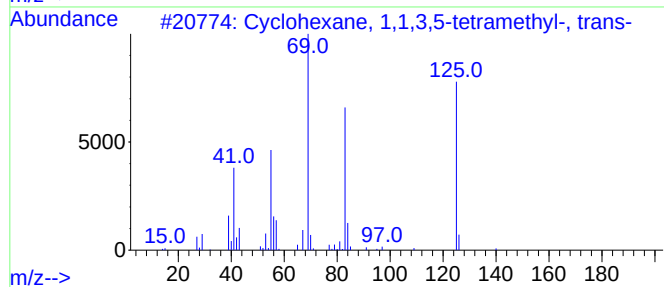
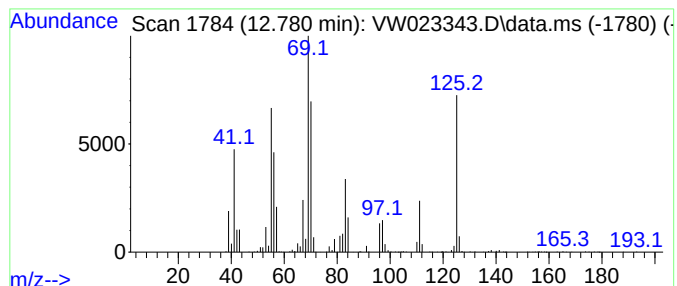
Instrument :
MSVOA_W
ClientSampleId :
GBGR8

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic12.780 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.780	17.32 ug/L	857598	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-31-8	47
2	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	47
3	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-31-8	43
4	Cyclohexane, 1,3,5-trimethyl-2-o...		378	C27H54	055282-34-3	43
5	Zinc, bis[2-(1,1-dimethylethyl)-...		314	C18H34Zn	074793-36-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

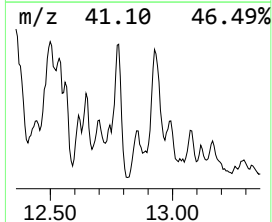
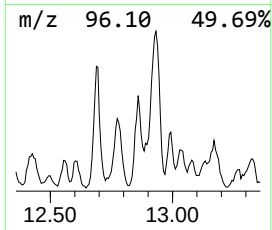
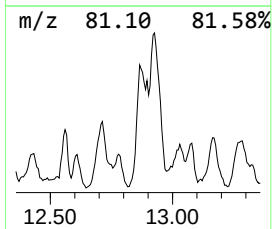
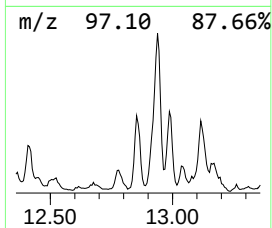
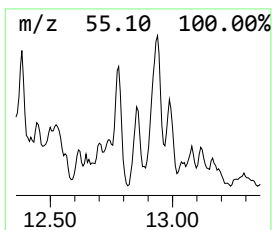
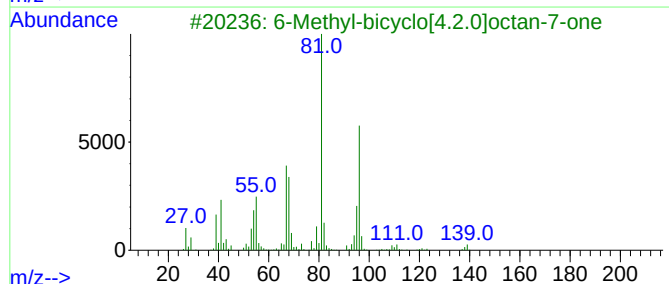
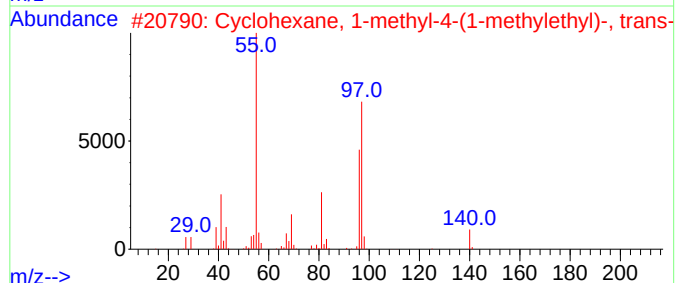
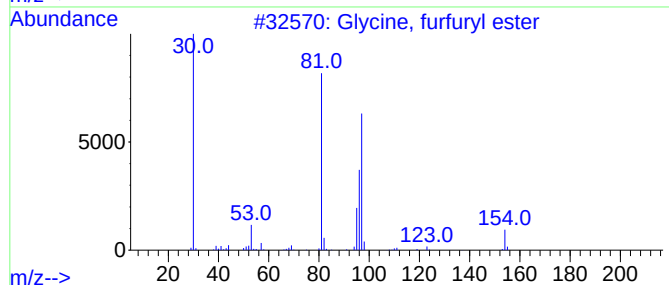
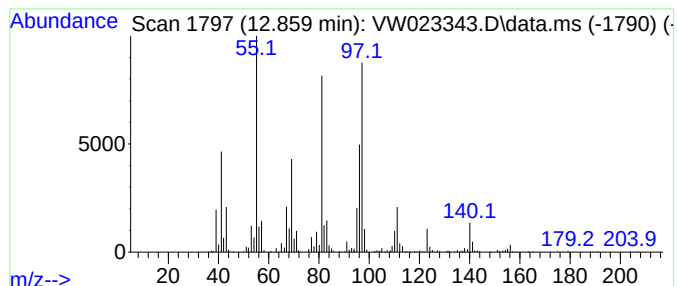
Instrument :
MSVOA_W
ClientSampleId :
GBGR8

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Glycine, furfuryl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.859	12.47 ug/L	617281	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Glycine, furfuryl ester		155	C7H9NO3	1000306-78-7	64
2	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	001678-82-6	45
3	6-Methyl-bicyclo[4.2.0]octan-7-one		138	C9H14O	1010193-87-2	43
4	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	001678-82-6	43
5	1-Methyl-4-(1-methylethyl)-cyclo...		140	C10H20	000099-82-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

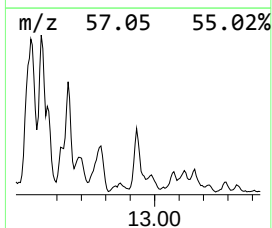
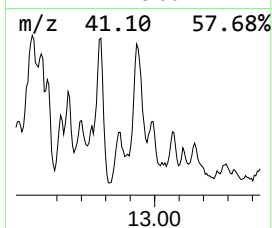
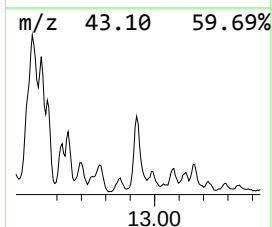
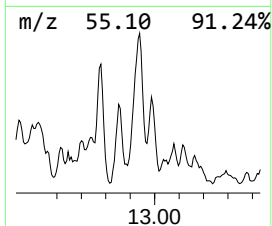
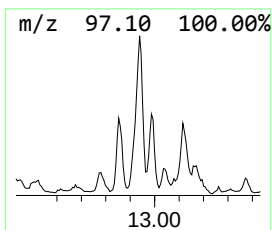
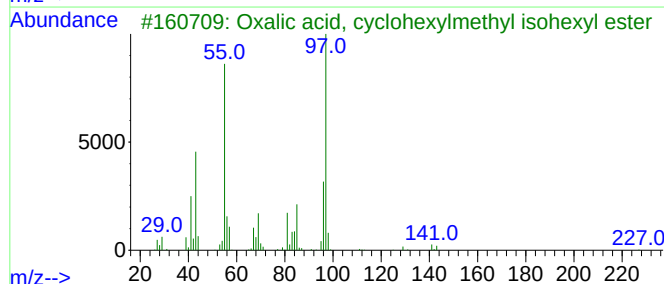
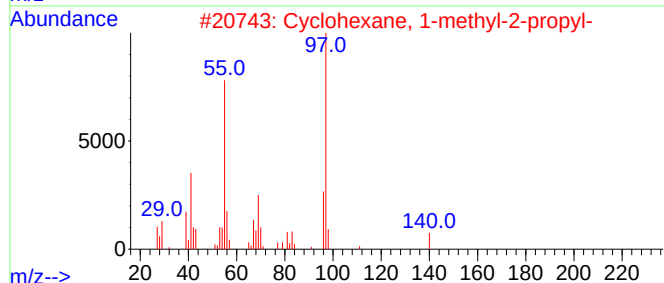
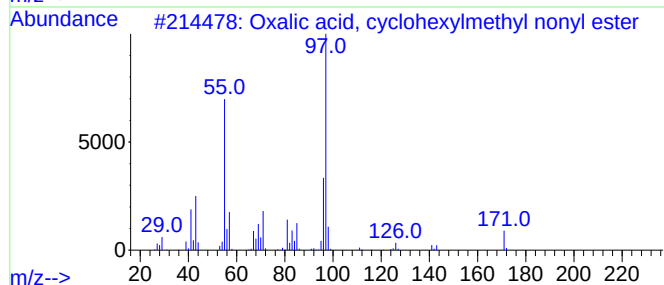
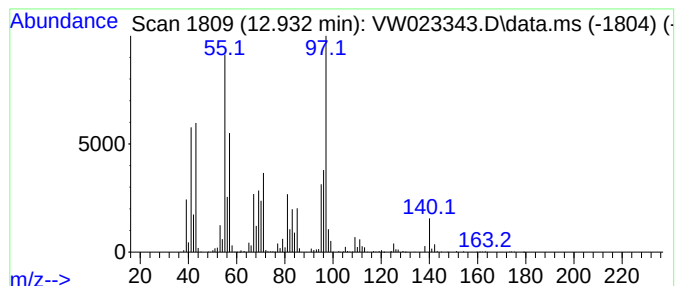
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Oxalic acid, cyclohexylmeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.932	14.95 ug/L	740145	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	53
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	49
3			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	47
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

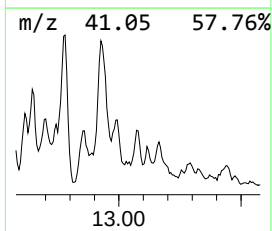
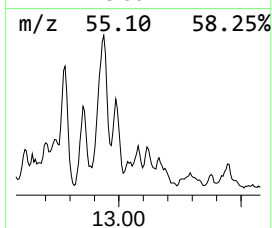
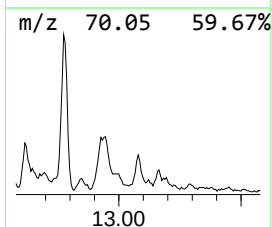
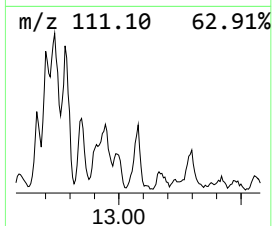
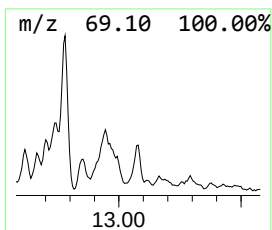
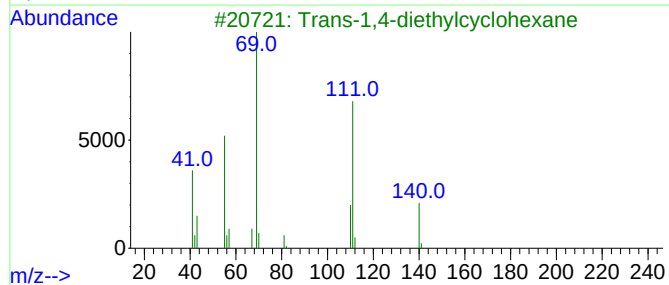
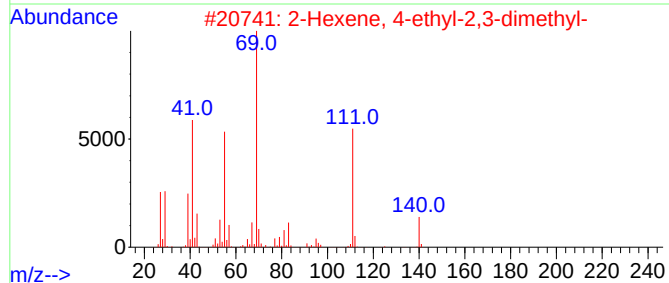
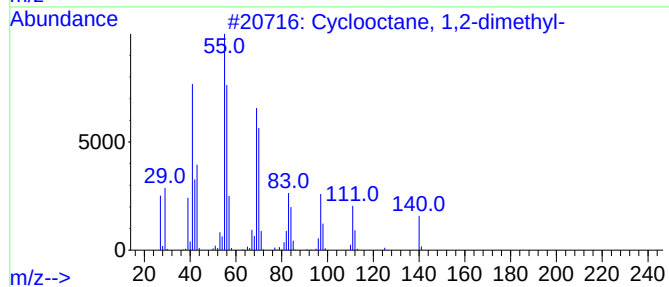
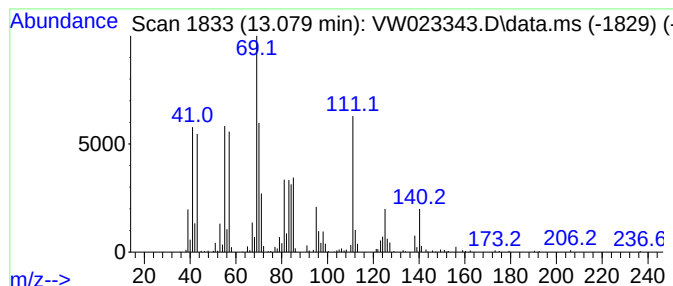
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic13.079 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	3.65 ug/L	180959	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	58
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	46
3			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	43
4			3-Ethyl-6-heptafluorobutyryloxy...	354	C14H21F7O2	1000215-97-4	43
5			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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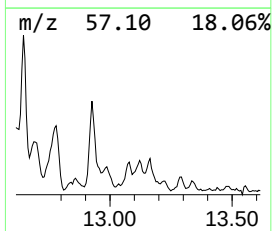
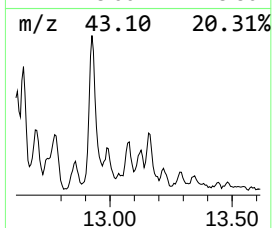
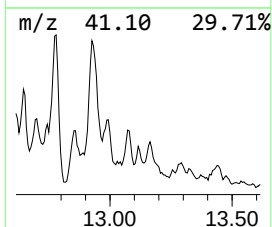
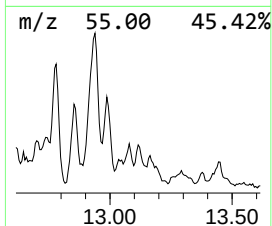
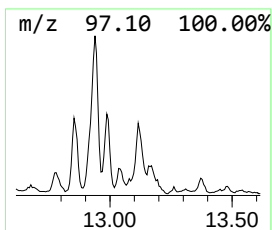
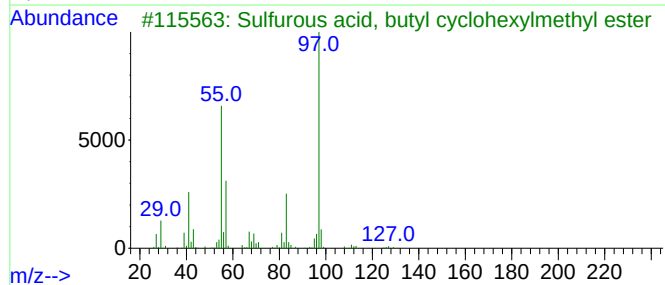
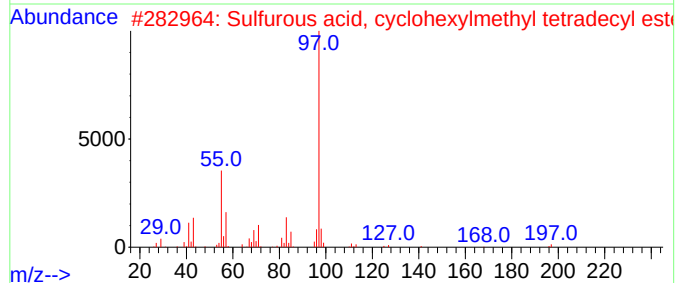
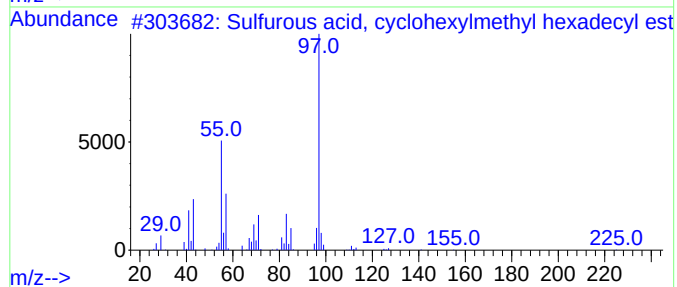
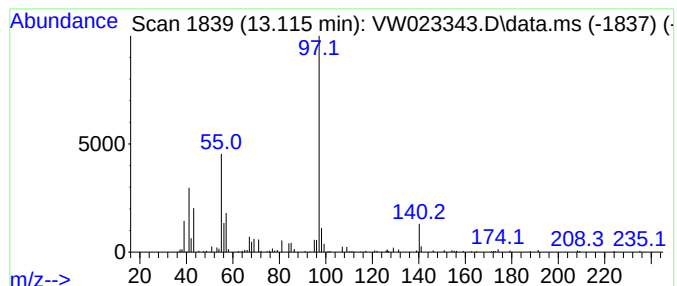
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Sulfurous acid, cyclohexylm... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.115	1.89 ug/L	93734	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
2			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
3			Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	64
4			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
5			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

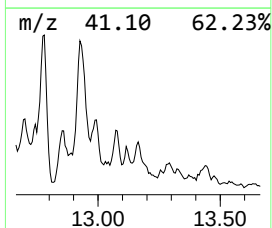
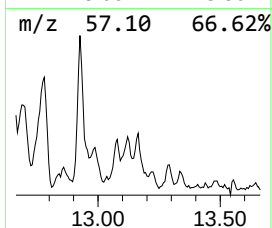
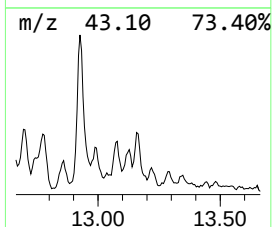
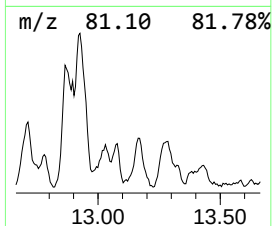
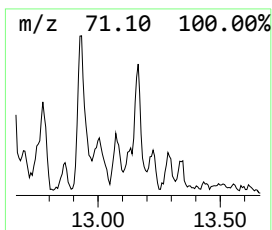
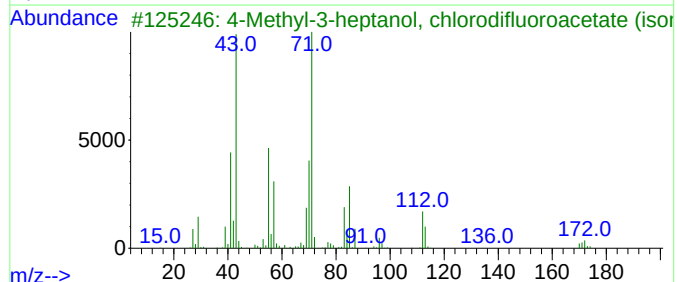
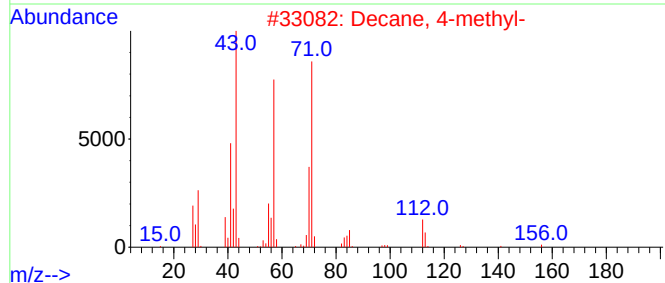
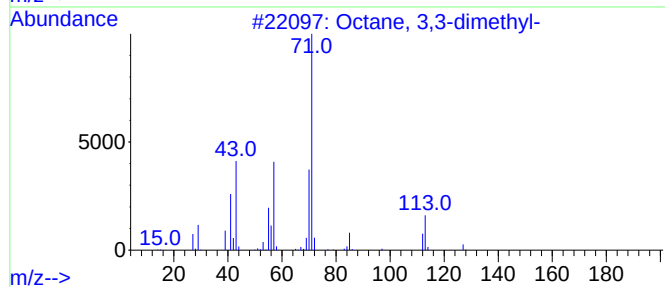
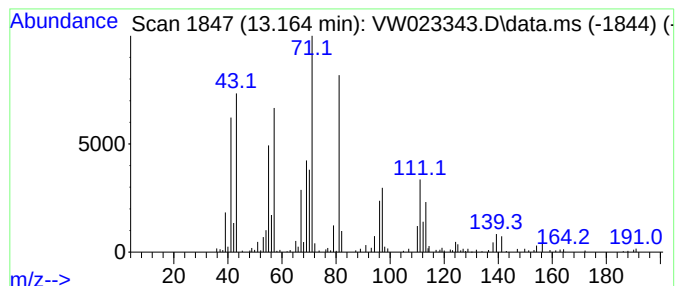
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	5.28 ug/L	261416	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38
2			Decane, 4-methyl-	156	C11H24	002847-72-5	35
3			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	35
4			trans-4-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-9	27
5			cis-Hept-4-enol	114	C7H14O	006191-71-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

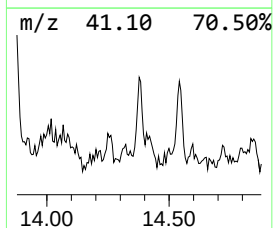
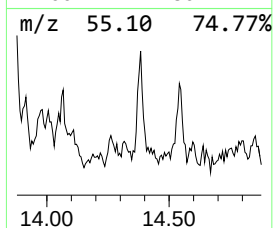
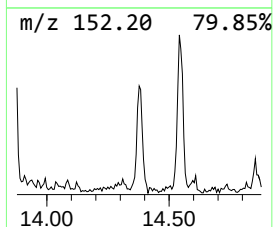
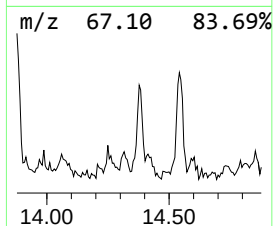
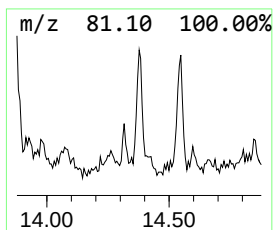
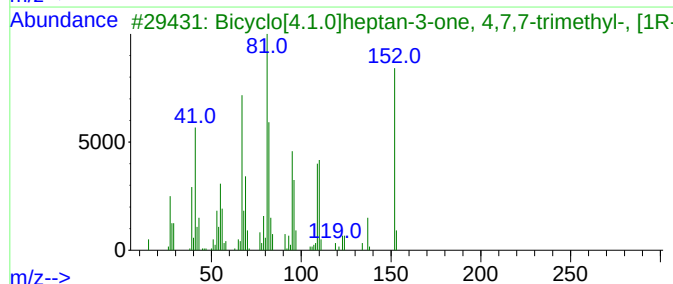
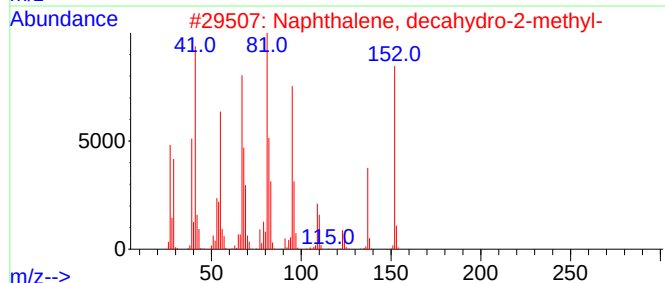
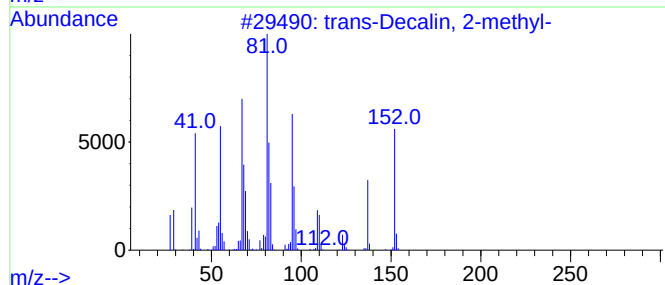
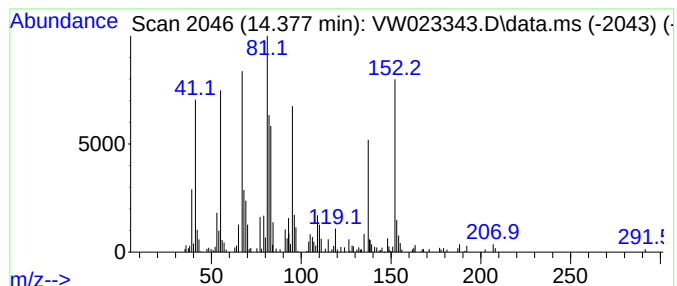
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 trans-Decalin, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.377	1.66 ug/L	81980	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	80
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	72
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023343.D
Acq On : 26 May 2022 01:04
Operator : SY/VA
Sample : N2995-17
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR8

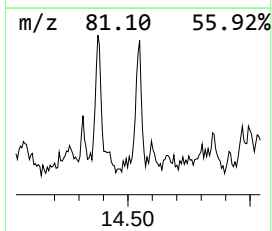
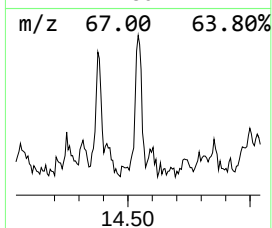
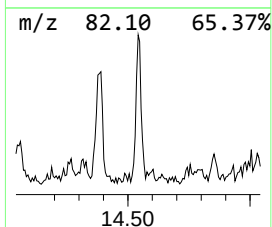
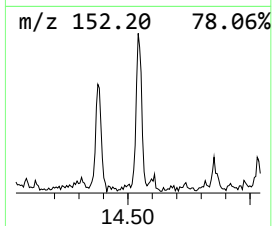
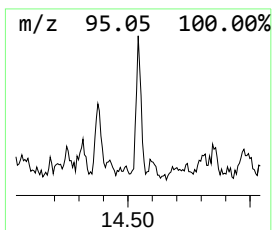
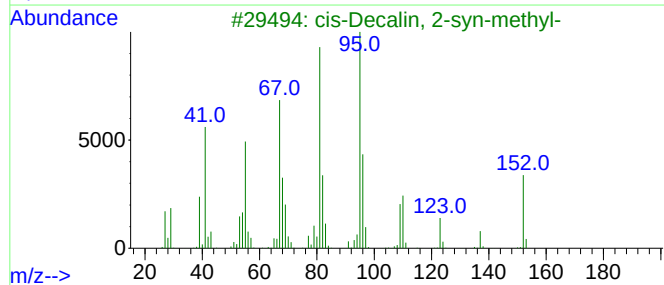
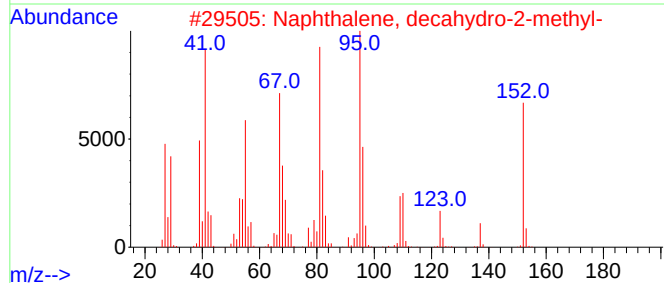
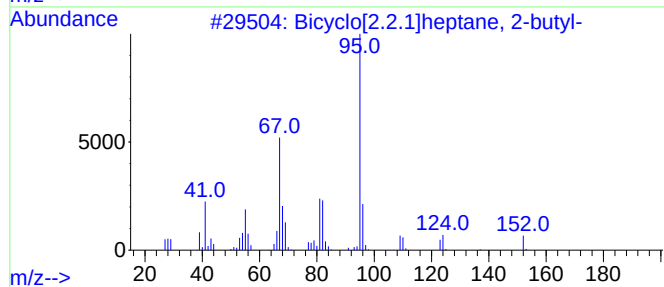
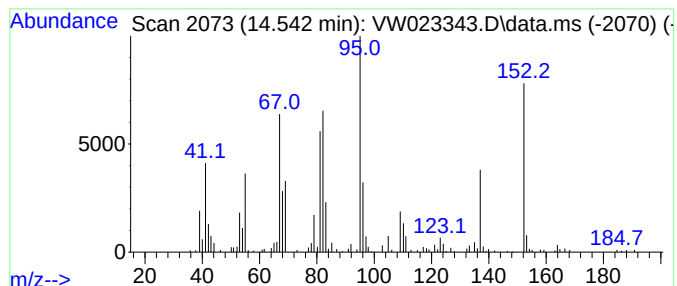
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Bicyclo[2.2.1]heptane, 2-bu... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	2.16 ug/L	106757	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	59
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	52
4			1-Adamantanol	152	C10H16O	000768-95-6	49
5			4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023343.D
 Acq On : 26 May 2022 01:04
 Operator : SY/VA
 Sample : N2995-17
 Misc : 3.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: S...	11.335	1.9	ug/L	92512	2	11.628	1218180	25.0	
(DEL) Alkane: S...	11.408	8.7	ug/L	425049	2	11.628	1218180	25.0	
(DEL) Alkane: S...	11.512	8.3	ug/L	406258	2	11.628	1218180	25.0	
(DEL) Alkane: S...	11.695	2.0	ug/L	99154	2	11.628	1218180	25.0	
(DEL) Alkane: C...	11.762	1.5	ug/L	74517	2	11.628	1218180	25.0	
(DEL) Alkane: S...	11.841	9.1	ug/L	443389	2	11.628	1218180	25.0	
(DEL) Alkane: C...	11.872	5.5	ug/L	266764	2	11.628	1218180	25.0	
(DEL) Alkane: S...	12.000	4.2	ug/L	205448	2	11.628	1218180	25.0	
(DEL) Alkane: S...	12.061	8.6	ug/L	417484	2	11.628	1218180	25.0	
(DEL) Alkane: S...	12.134	25.9	ug/L	1263680	2	11.628	1218180	25.0	
(DEL) Alkane: S...	12.249	18.4	ug/L	896506	2	11.628	1218180	25.0	
(DEL) Alkane: S...	12.329	19.1	ug/L	929910	2	11.628	1218180	25.0	
(DEL) Alkane: C...	12.780	17.3	ug/L	857598	3	13.554	1238030	25.0	
Glycine, furfur...	12.859	12.5	ug/L	617281	3	13.554	1238030	25.0	
Oxalic acid, cy...	12.932	14.9	ug/L	740145	3	13.554	1238030	25.0	
(DEL) Alkane: C...	13.079	3.6	ug/L	180959	3	13.554	1238030	25.0	
Sulfurous acid,...	13.115	1.9	ug/L	93734	3	13.554	1238030	25.0	
(DEL) Alkane: S...	13.164	5.3	ug/L	261416	3	13.554	1238030	25.0	
trans-Decalin, ...	14.377	1.7	ug/L	81980	3	13.554	1238030	25.0	
Bicyclo[2.2.1]h...	14.542	2.2	ug/L	106757	3	13.554	1238030	25.0	