

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020357.D
 Acq On : 07 Oct 2021 11:16
 Operator : SY/VA
 Sample : M4001-10RE
 Misc : 6.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW923RE

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\SFAMWLM100621SMA.M
 Title : SFAM01.0

Signal : TIC: VW020357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	85	rVB	42492	69746	15.25%	2.055%
2	2.892	154	162	172	rBV	21345	43507	9.51%	1.282%
3	3.385	238	243	244	rBV3	735	1014	0.22%	0.030%
4	3.477	256	258	260	rBV2	139	177	0.04%	0.005%
5	3.495	260	261	263	rVV	254	144	0.03%	0.004%
6	3.599	275	278	281	rBV2	207	332	0.07%	0.010%
7	4.019	335	347	360	rBV	59463	160010	34.98%	4.714%
8	4.129	363	365	368	rBV3	300	415	0.09%	0.012%
9	4.263	381	387	393	rVV3	448	944	0.21%	0.028%
10	4.385	396	407	419	rBV	2879	8348	1.82%	0.246%
11	4.757	464	468	469	rBV2	116	160	0.03%	0.005%
12	4.916	487	494	495	rBV4	1572	2641	0.58%	0.078%
13	5.269	549	552	559	rVB2	131	292	0.06%	0.009%
14	5.428	575	578	579	rBV2	663	777	0.17%	0.023%
15	5.525	593	594	600	rBV2	97	154	0.03%	0.005%
16	5.952	658	664	672	rBV3	641	1619	0.35%	0.048%
17	6.214	702	707	709	rBV2	454	856	0.19%	0.025%
18	6.757	792	796	801	rBV2	87	166	0.04%	0.005%
19	6.873	813	815	821	rVB2	299	485	0.11%	0.014%
20	6.976	828	832	835	rBV2	121	196	0.04%	0.006%
21	7.086	841	850	860	rBV2	12975	36018	7.87%	1.061%
22	7.257	876	878	881	rBV2	202	228	0.05%	0.007%
23	7.336	889	891	894	rVB2	189	199	0.04%	0.006%
24	7.482	911	915	917	rBV2	142	173	0.04%	0.005%
25	7.531	922	923	926	rBV	153	158	0.03%	0.005%
26	7.574	926	930	933	rBV2	81	162	0.04%	0.005%
27	7.653	933	943	954	rVV	78209	189704	41.47%	5.589%
28	7.878	971	980	988	rBV	5051	11821	2.58%	0.348%
29	7.958	989	993	994	rBV2	288	465	0.10%	0.014%
30	8.037	1000	1006	1012	rVB5	1769	4263	0.93%	0.126%
31	8.098	1012	1016	1018	rBV2	95	144	0.03%	0.004%
32	8.189	1027	1031	1032	rBV	127	147	0.03%	0.004%
33	8.281	1032	1046	1059	rBV2	152208	457467	100.00%	13.477%
34	8.573	1089	1094	1109	rVB8	4135	12841	2.81%	0.378%
35	8.689	1109	1113	1115	rBV2	272	360	0.08%	0.011%
36	8.848	1129	1139	1150	rBV	133769	261959	57.26%	7.717%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Title : SFAM01.0

37	9.098	1172	1180	1188	rVB	24480	49306	10.78%	1.453%
38	9.281	1201	1210	1223	rBV	111018	235159	51.40%	6.928%
39	9.390	1225	1228	1232	rVB4	963	1264	0.28%	0.037%
40	9.506	1245	1247	1251	rVB	132	151	0.03%	0.004%
41	9.610	1251	1264	1272	rBB2	5675	11526	2.52%	0.340%
42	9.671	1272	1274	1277	rBV	250	189	0.04%	0.006%
43	9.756	1281	1288	1297	rBV4	4832	9384	2.05%	0.276%
44	9.896	1309	1311	1314	rVV2	459	522	0.11%	0.015%
45	9.945	1314	1319	1325	rVB4	1498	2936	0.64%	0.086%
46	10.037	1325	1334	1348	rBV	48514	98120	21.45%	2.891%
47	10.134	1348	1350	1356	rVB4	404	502	0.11%	0.015%
48	10.219	1359	1364	1366	rBV4	852	1725	0.38%	0.051%
49	10.329	1373	1382	1389	rBV	184316	335742	73.39%	9.891%
50	10.390	1389	1392	1398	rVB3	3601	6031	1.32%	0.178%
51	10.506	1404	1411	1417	rVB6	4457	10468	2.29%	0.308%
52	10.579	1417	1423	1433	rBV	30317	56364	12.32%	1.660%
53	10.671	1433	1438	1442	rBV3	8247	13460	2.94%	0.397%
54	10.762	1448	1453	1459	rVB5	2083	3363	0.74%	0.099%
55	10.811	1459	1461	1465	rVB2	678	634	0.14%	0.019%
56	10.860	1465	1469	1474	rBV5	2319	4082	0.89%	0.120%
57	10.927	1474	1480	1488	rBV	46304	79200	17.31%	2.333%
58	11.024	1492	1496	1501	rBV5	789	1603	0.35%	0.047%
59	11.110	1507	1510	1512	rBV3	1038	1383	0.30%	0.041%
60	11.146	1512	1516	1518	rVV4	2100	3037	0.66%	0.089%
61	11.177	1519	1521	1525	rVV	2159	2767	0.60%	0.082%
62	11.232	1525	1530	1536	rVB3	9668	16671	3.64%	0.491%
63	11.280	1536	1538	1542	rVB3	1573	1822	0.40%	0.054%
64	11.335	1542	1547	1552	rVB4	4578	7570	1.65%	0.223%
65	11.384	1552	1555	1557	rBV3	790	1013	0.22%	0.030%
66	11.439	1559	1564	1570	rVB2	6540	11980	2.62%	0.353%
67	11.512	1572	1576	1581	rBV2	1484	2457	0.54%	0.072%
68	11.555	1581	1583	1589	rVB4	761	1184	0.26%	0.035%
69	11.634	1589	1596	1605	rBV	149756	253840	55.49%	7.478%
70	11.725	1607	1611	1614	rBV5	1289	1939	0.42%	0.057%
71	11.768	1614	1618	1622	rBV3	4299	6066	1.33%	0.179%
72	11.817	1622	1626	1630	rBV5	2263	4210	0.92%	0.124%
73	11.878	1632	1636	1638	rBV3	3987	6178	1.35%	0.182%
74	11.975	1647	1652	1658	rBV4	3845	8029	1.76%	0.237%
75	12.042	1658	1663	1671	rVB5	2548	5888	1.29%	0.173%
76	12.140	1671	1679	1685	rBV3	13922	31103	6.80%	0.916%

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77	12.250	1690	1697	1701	rVB3	7988	16698	3.65%	0.492%
78	12.298	1701	1705	1706	rBV2	3543	3856	0.84%	0.114%
79	12.359	1707	1715	1722	rVV4	21394	55403	12.11%	1.632%
80	12.609	1752	1756	1762	rBV4	5454	9327	2.04%	0.275%
81	12.695	1763	1770	1776	rBV	75910	127253	27.82%	3.749%
82	12.780	1779	1784	1790	rVB2	41870	74083	16.19%	2.182%
83	12.859	1790	1797	1802	rBV5	10636	26580	5.81%	0.783%
84	12.939	1803	1810	1817	rBV8	16623	49492	10.82%	1.458%
85	13.079	1830	1833	1837	rVB2	6999	9405	2.06%	0.277%
86	13.128	1837	1841	1844	rBV3	6423	11276	2.46%	0.332%
87	13.164	1844	1847	1858	rVB9	12812	32426	7.09%	0.955%
88	13.262	1859	1863	1865	rBV4	6639	10160	2.22%	0.299%
89	13.560	1906	1912	1919	rVB	83300	136984	29.94%	4.035%
90	13.701	1930	1935	1939	rBV3	13677	21510	4.70%	0.634%
91	13.853	1955	1960	1969	rVB2	89066	192257	42.03%	5.664%
92	14.383	2043	2047	2052	rVB	13681	19158	4.19%	0.564%
93	14.548	2069	2074	2080	rVB5	16787	27977	6.12%	0.824%
94	14.798	2110	2115	2116	rBV3	3454	6044	1.32%	0.178%
95	14.963	2140	2142	2145	rBV3	1945	2686	0.59%	0.079%
96	15.554	2237	2239	2241	rBV2	980	1087	0.24%	0.032%
97	15.731	2264	2268	2276	rVB8	1467	2588	0.57%	0.076%
98	16.084	2323	2326	2329	rVB4	520	793	0.17%	0.023%
99	16.468	2387	2389	2393	rBV2	241	283	0.06%	0.008%
100	16.773	2437	2439	2440	rBV2	263	190	0.04%	0.006%

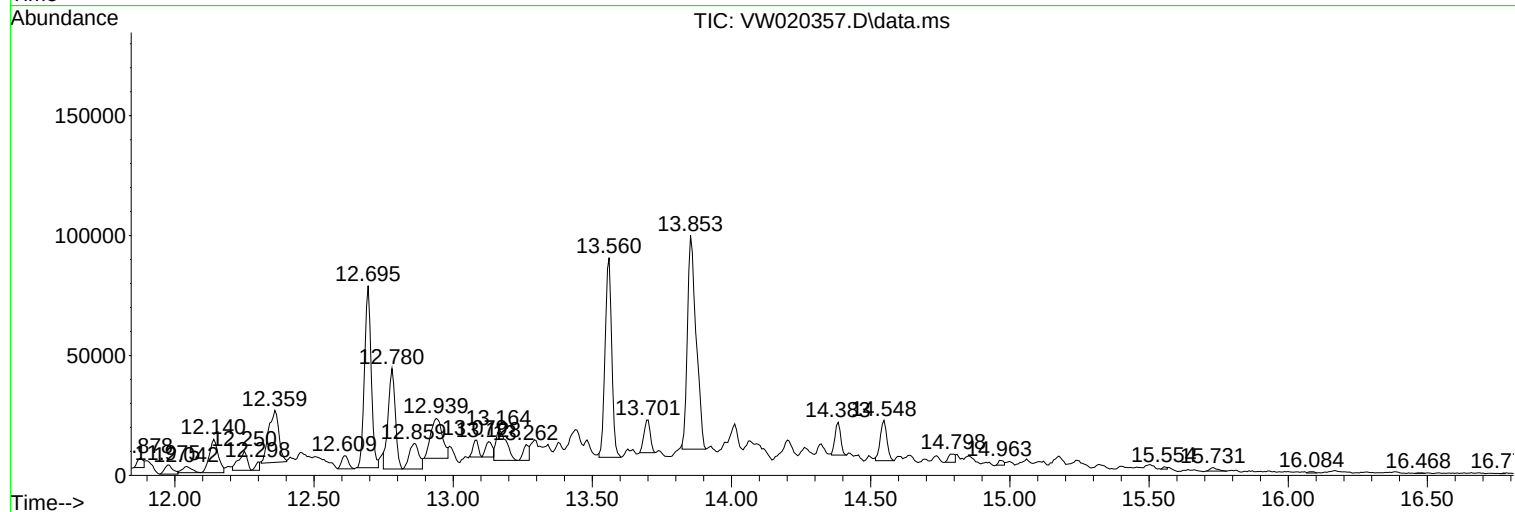
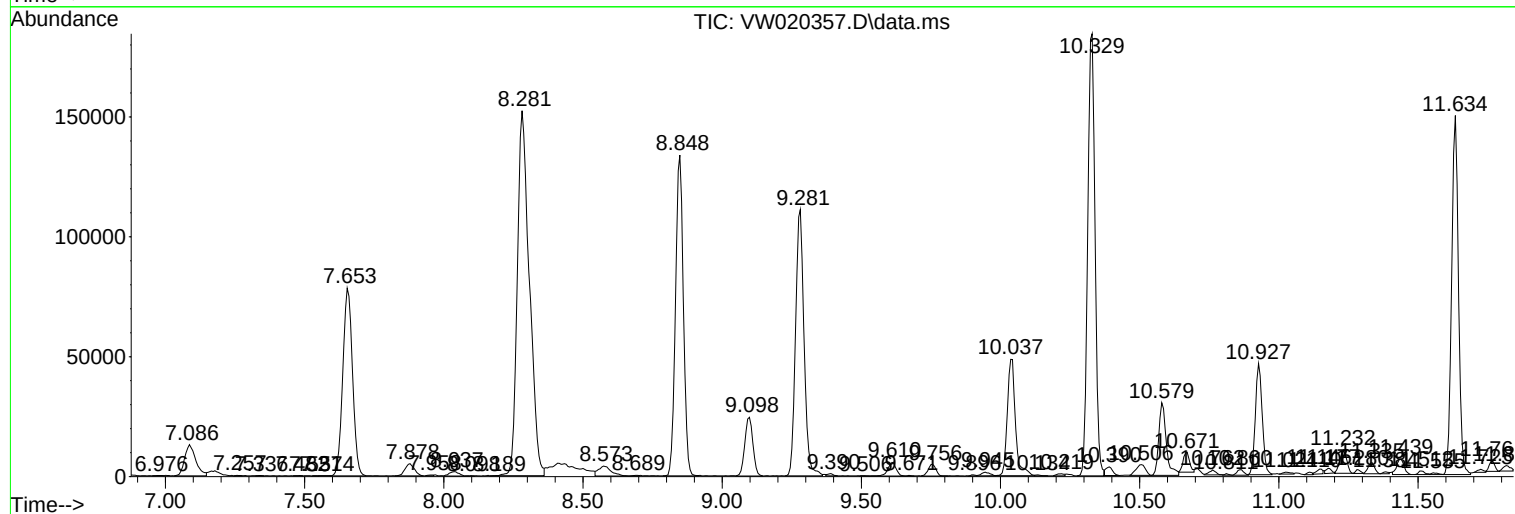
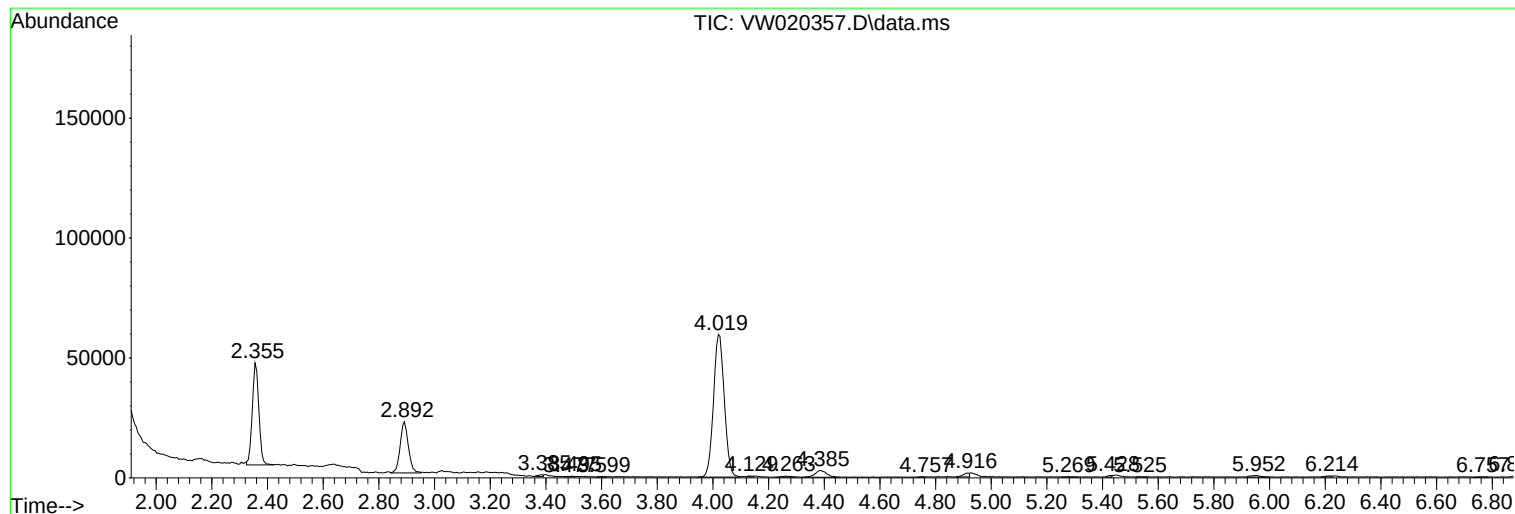
Sum of corrected areas: 3394476

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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



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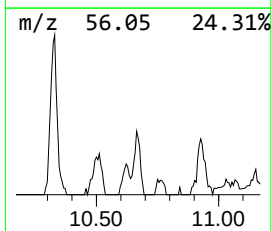
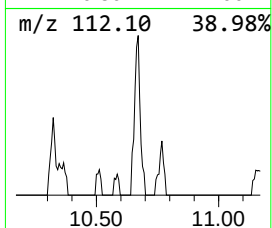
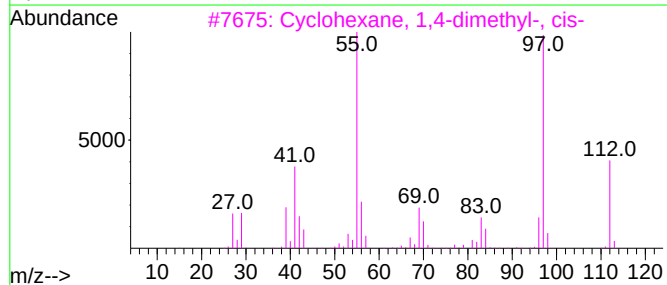
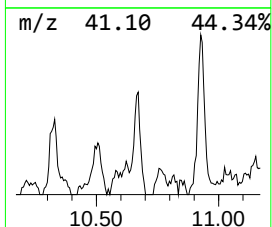
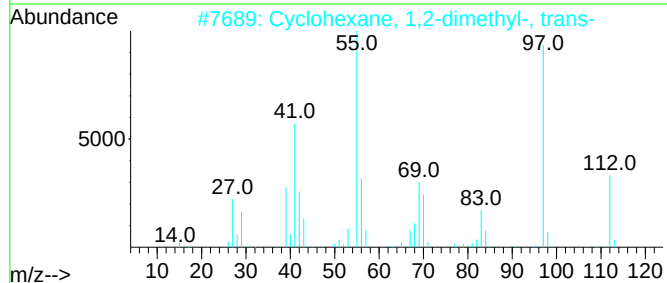
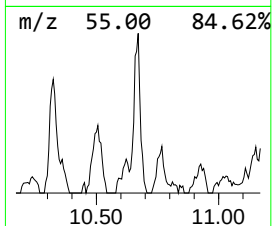
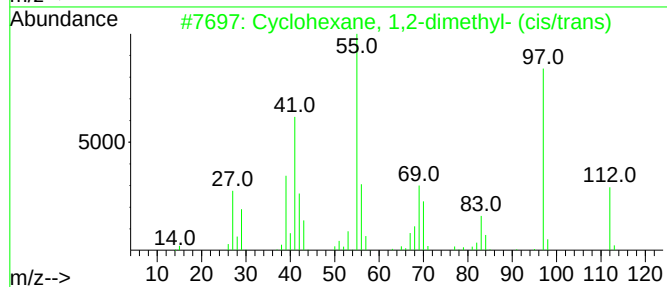
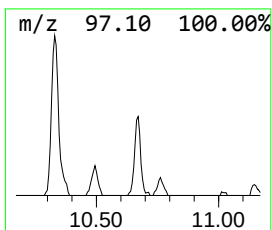
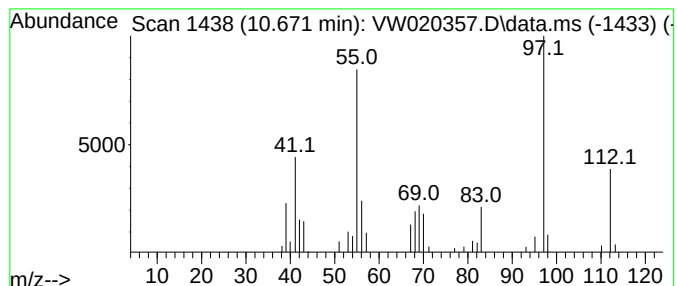
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic10.671 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.671	1.33 ug/L	13460	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	83
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	81
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	80



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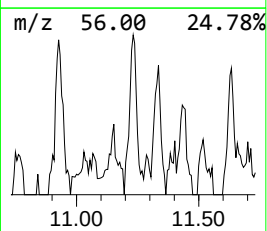
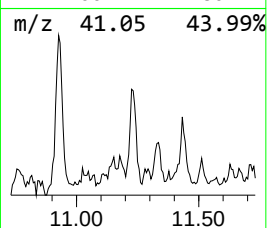
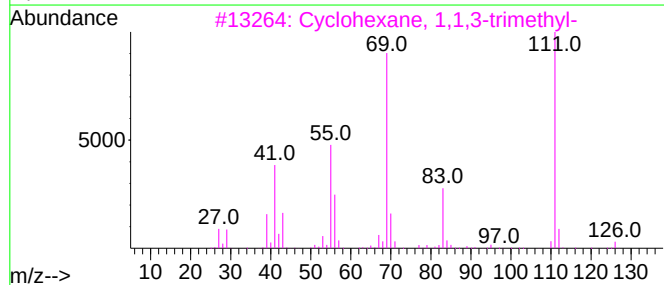
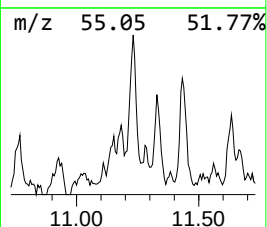
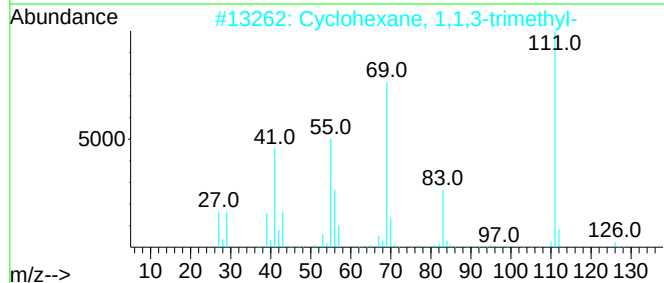
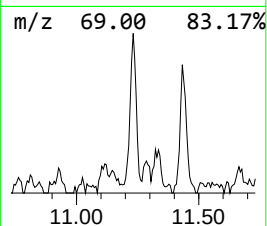
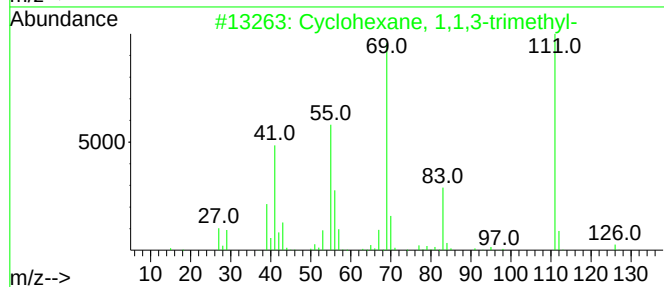
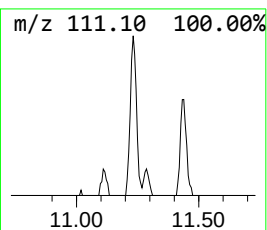
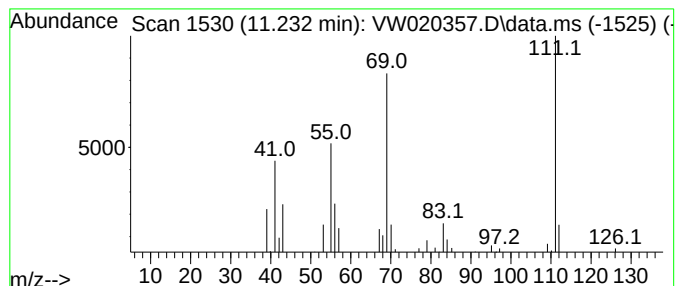
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.232 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	1.64 ug/L	16671	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	78



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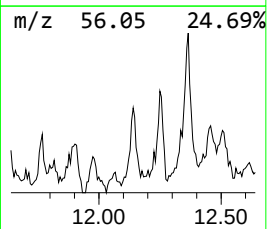
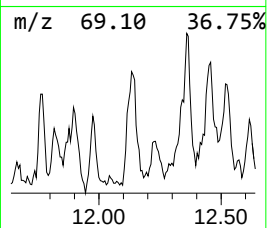
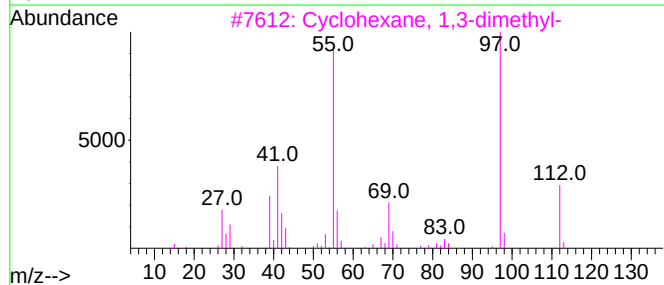
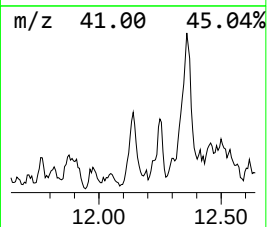
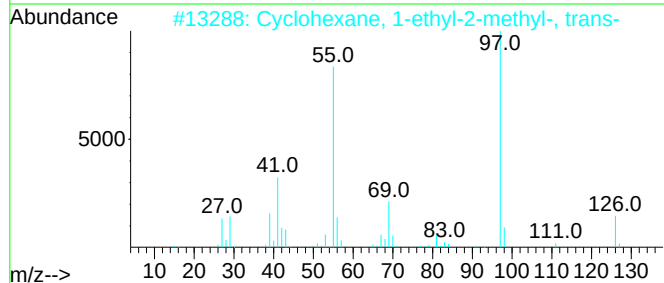
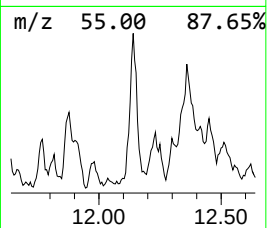
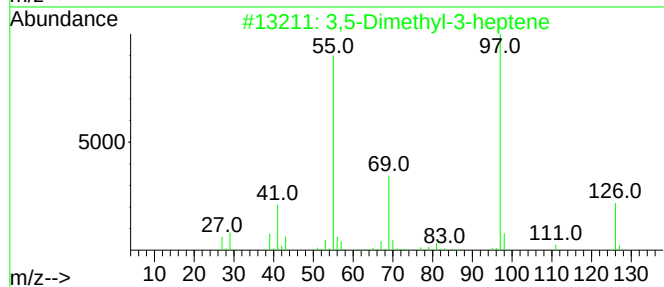
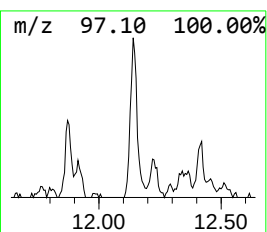
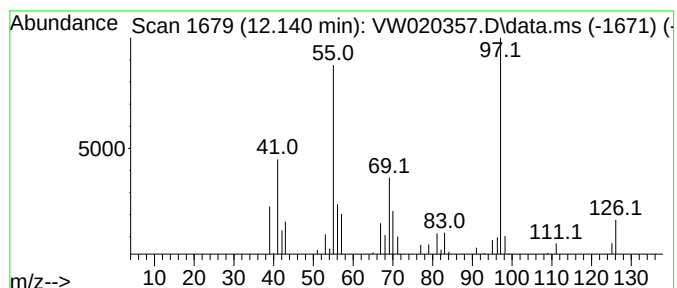
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	3.06 ug/L	31103	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	59
4		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	58
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

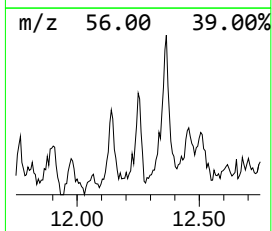
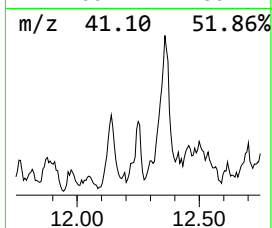
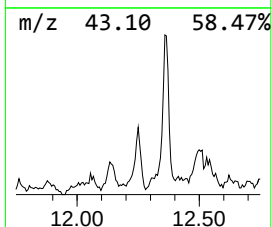
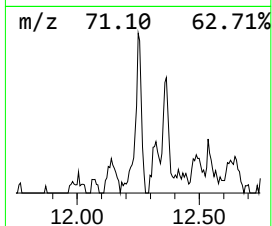
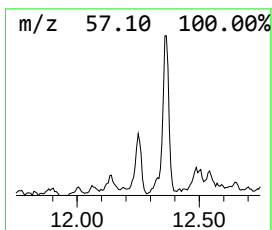
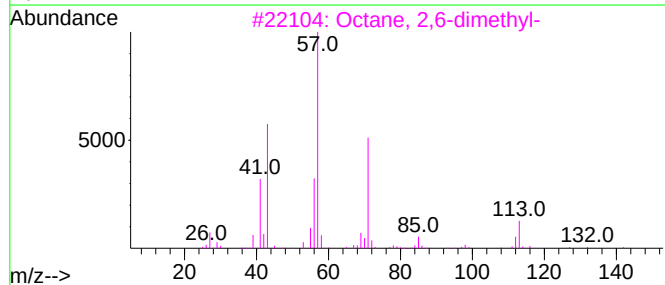
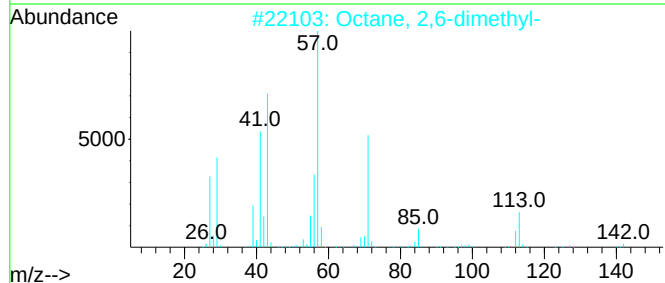
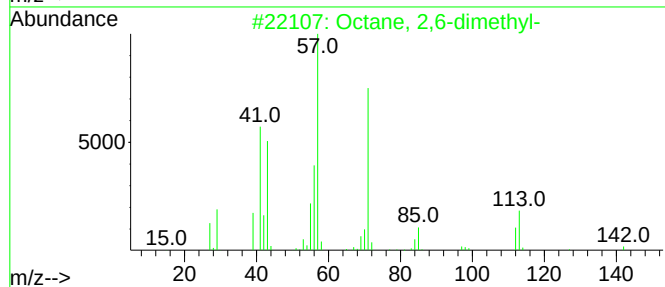
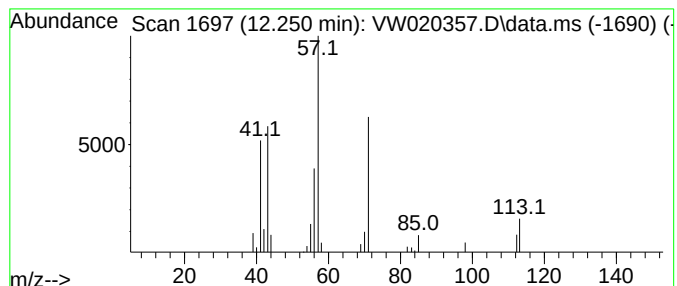
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	1.64 ug/L	16698	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

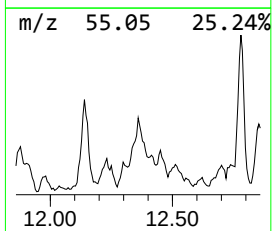
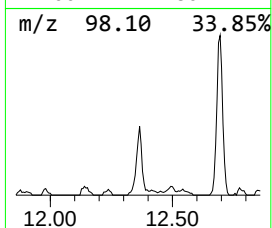
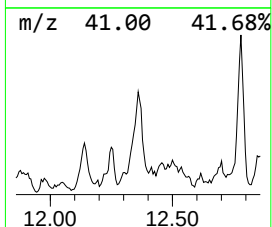
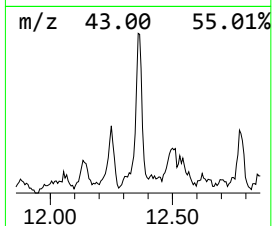
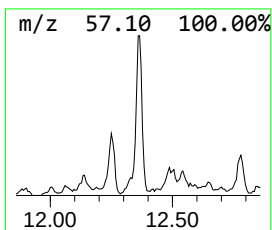
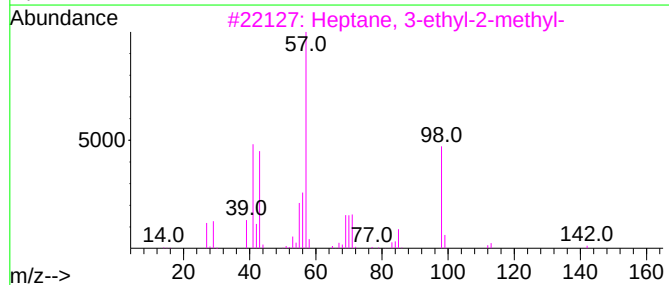
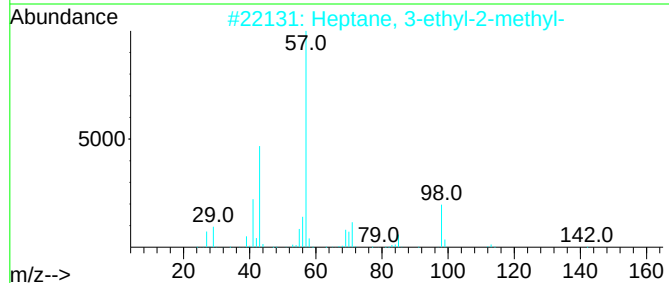
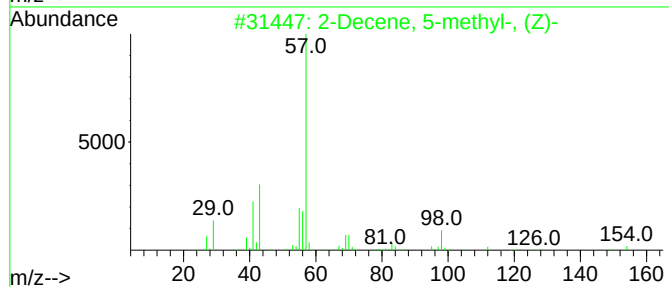
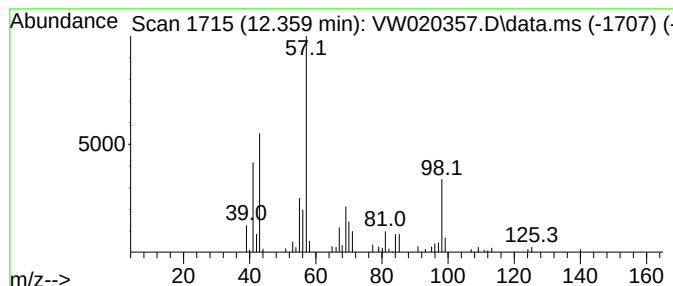
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	5.46 ug/L	55403	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	53
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

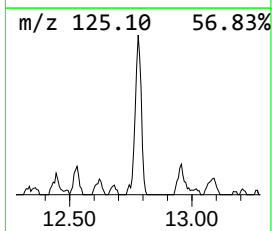
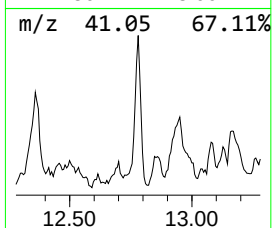
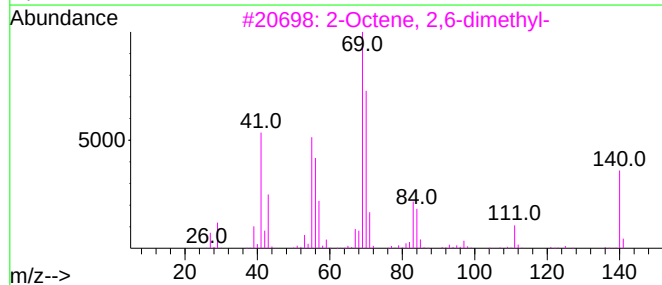
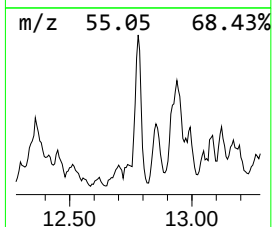
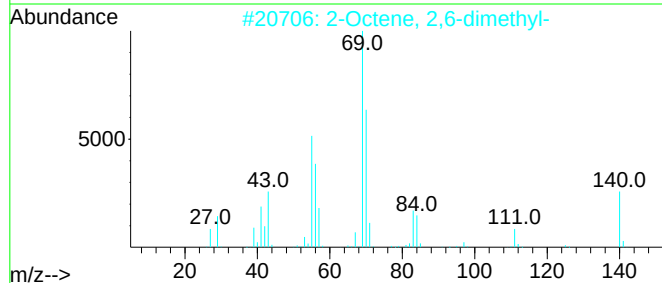
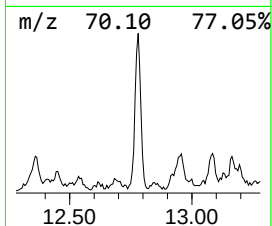
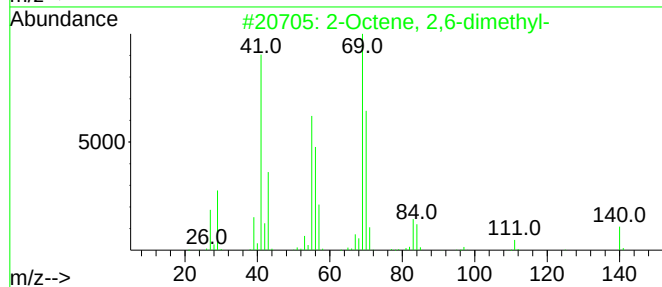
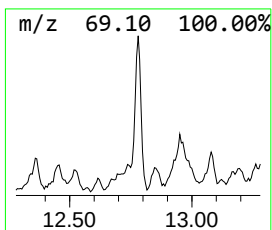
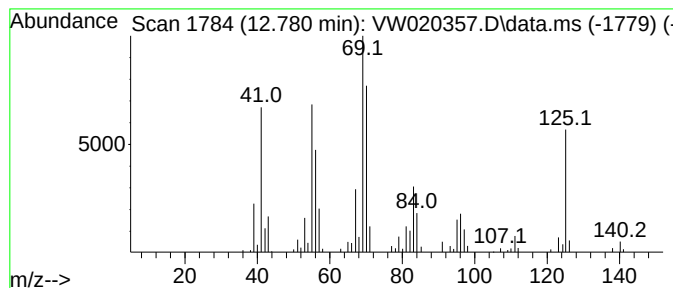
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	13.52 ug/L	74083	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
5			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

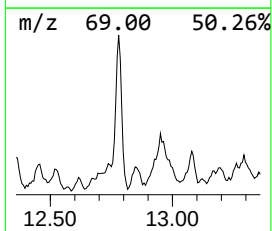
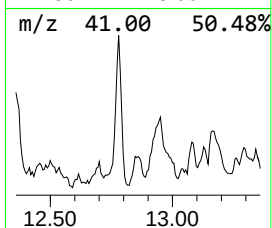
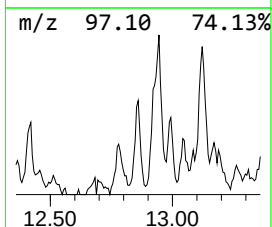
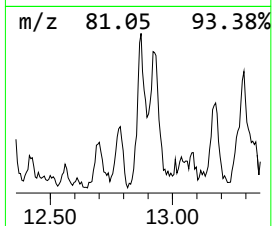
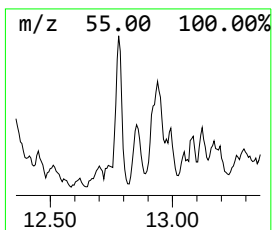
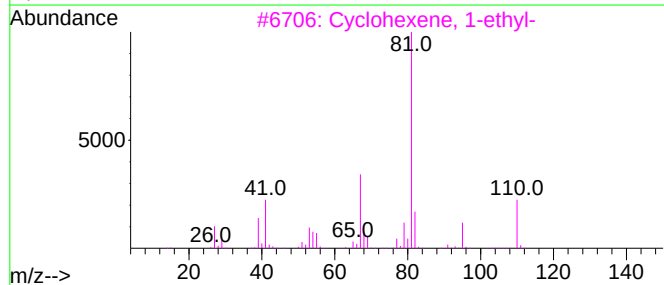
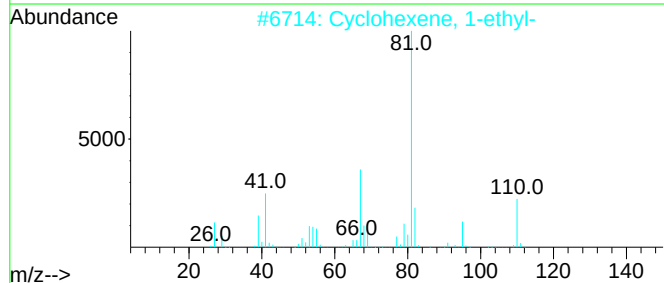
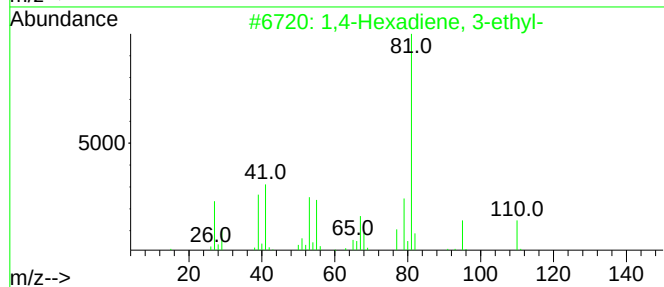
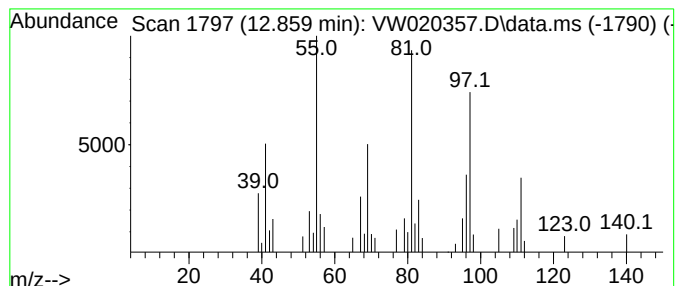
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	4.85 ug/L	26580	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	38
2		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
3		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5		4-Ethylcyclohexene	110	C8H14	003742-42-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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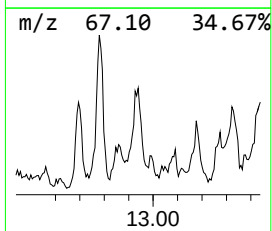
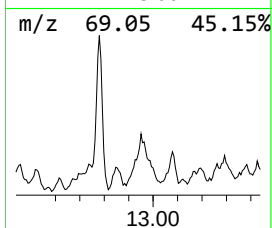
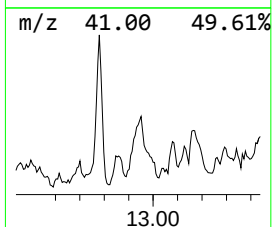
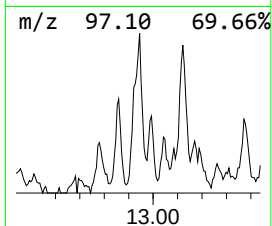
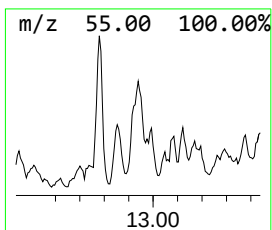
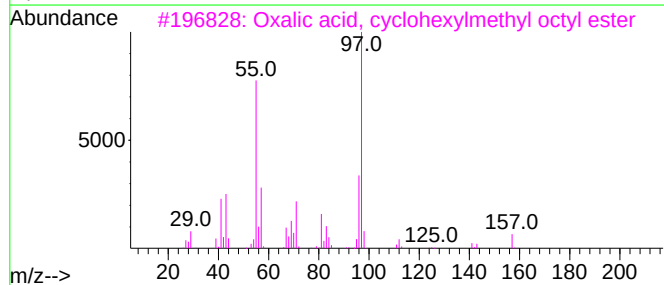
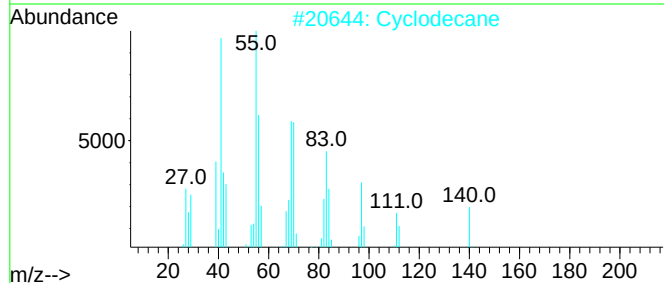
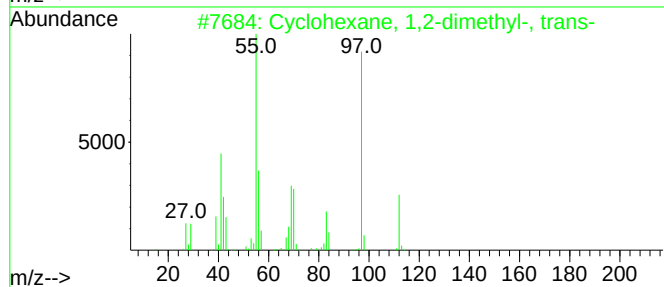
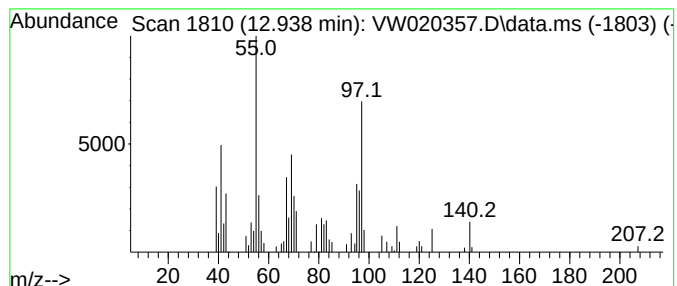
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.938 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	9.03 ug/L	49492	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	45
2			Cyclodecane	140	C10H20	000293-96-9	38
3			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	38
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

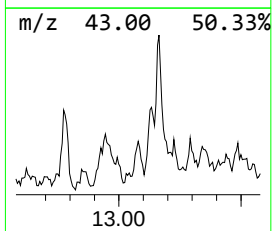
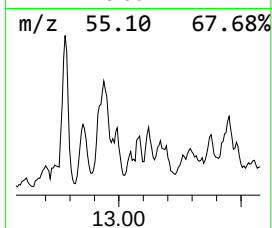
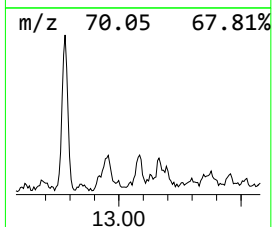
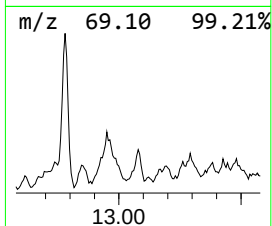
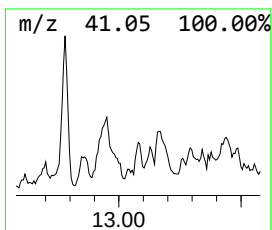
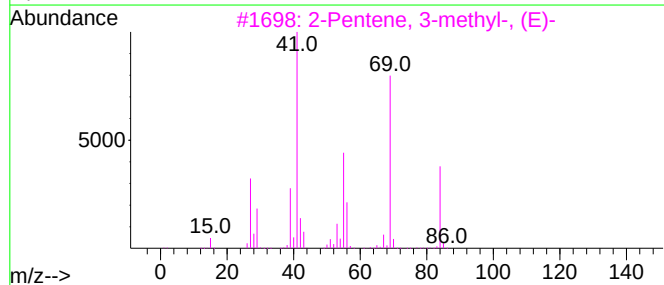
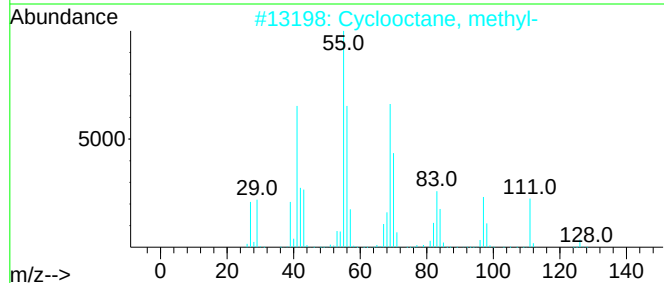
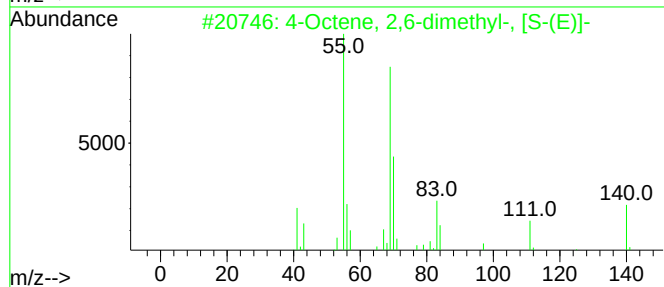
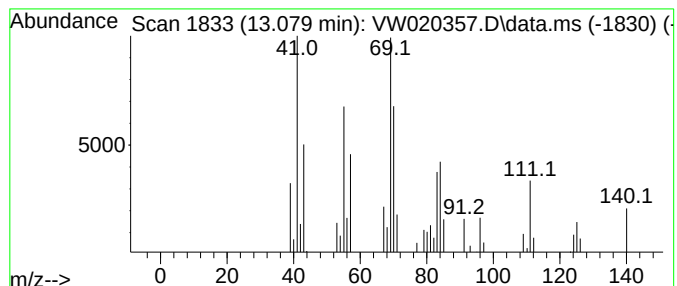
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	1.72 ug/L	9405	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
2		Cyclooctane, methyl-	126	C9H18	001502-38-1	47
3		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	43
4		Pentane, 3-methylene-	84	C6H12	000760-21-4	43
5		3-Penten-2-one	84	C5H8O	000625-33-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

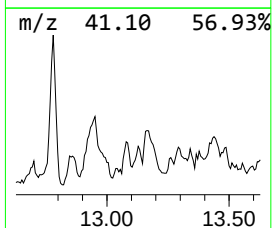
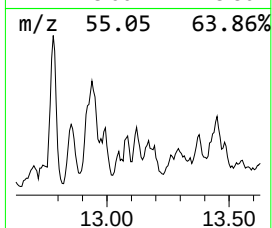
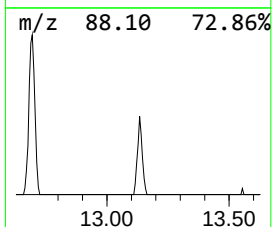
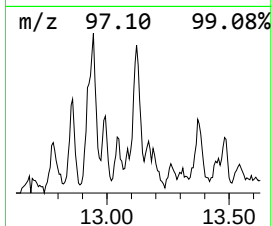
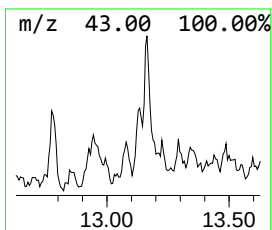
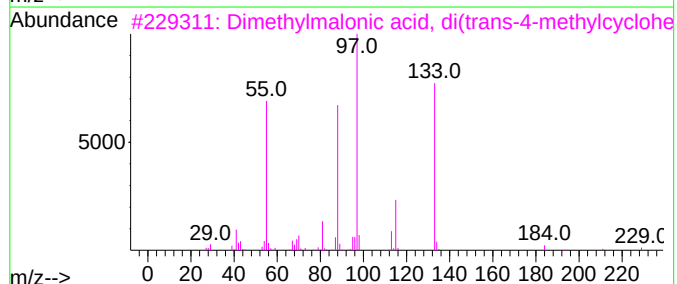
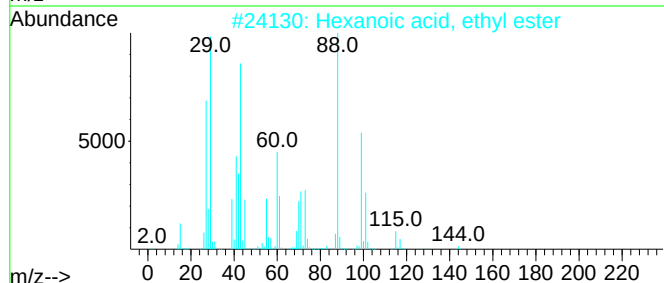
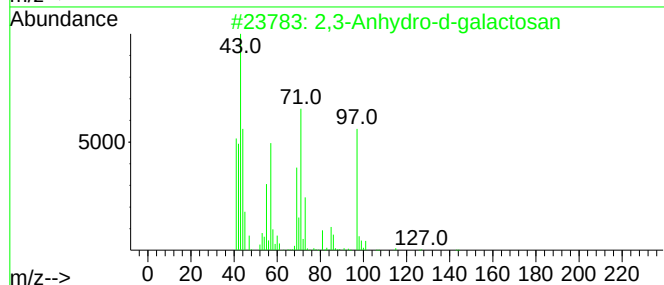
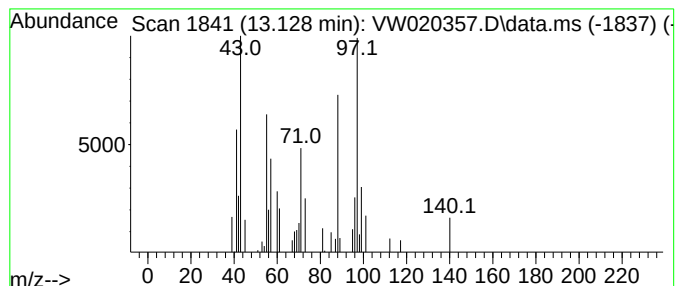
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	2.06 ug/L	11276	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Anhydro-d-galactosan	144	C6H8O4	1000129-98-9	38
2			Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	35
3			Dimethylmalonic acid, di(trans-4...	324	C19H32O4	1000363-90-4	35
4			Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	35
5			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

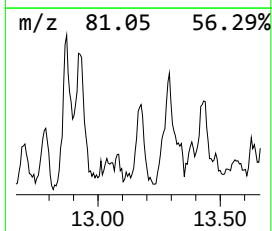
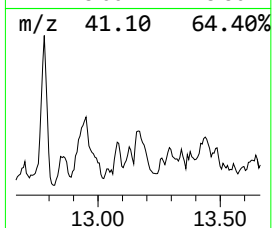
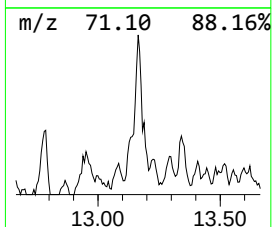
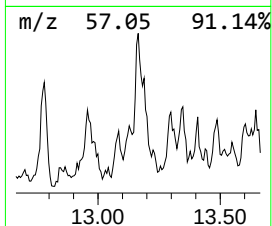
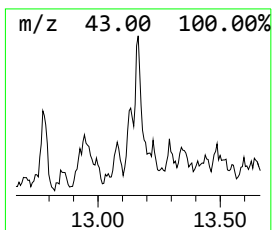
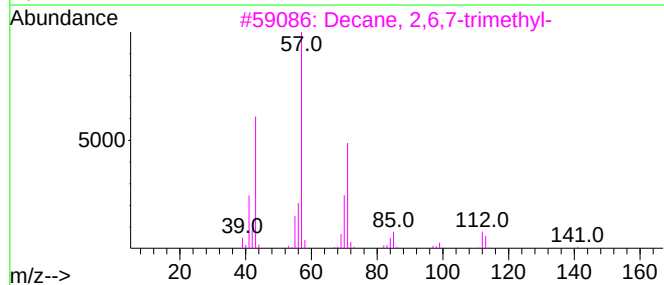
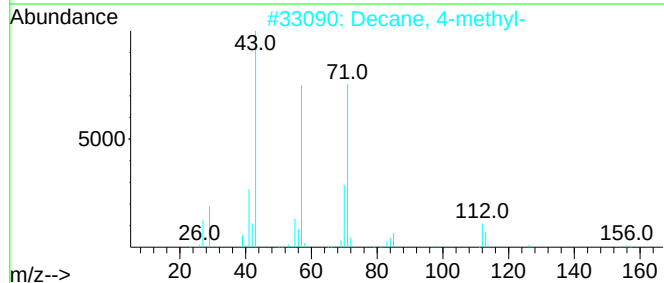
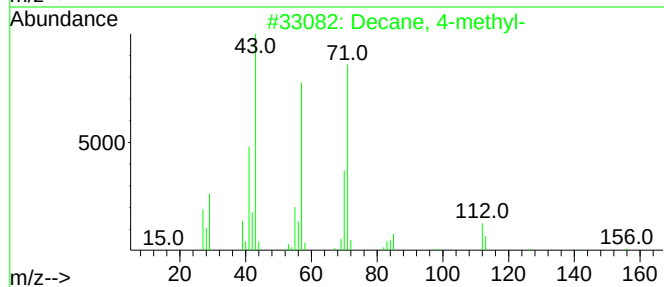
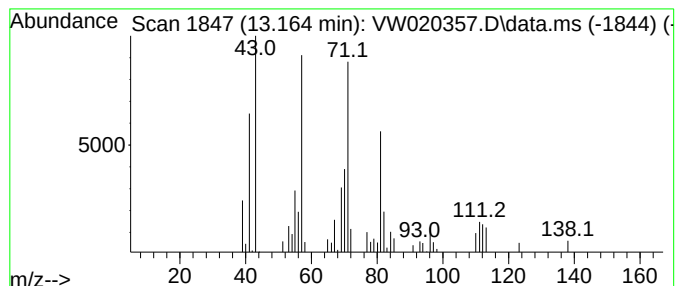
Instrument :
MSVOA_W
ClientSampleId :
EW923RE

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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 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.164	5.92 ug/L	32426	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	53
2	Decane, 4-methyl-		156	C11H24	002847-72-5	53
3	Decane, 2,6,7-trimethyl-		184	C13H28	062108-25-2	53
4	Octane, 3-ethyl-		142	C10H22	005881-17-4	53
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

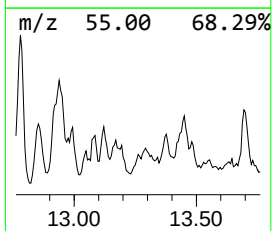
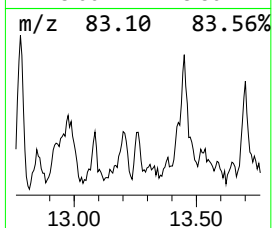
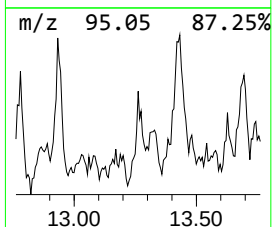
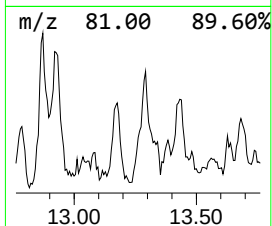
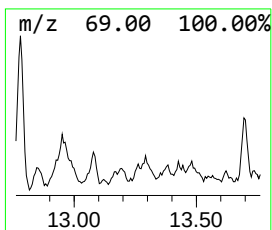
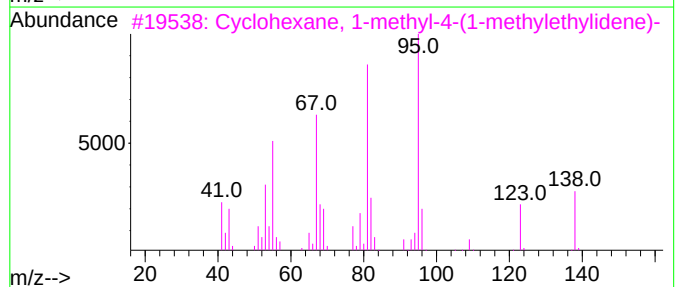
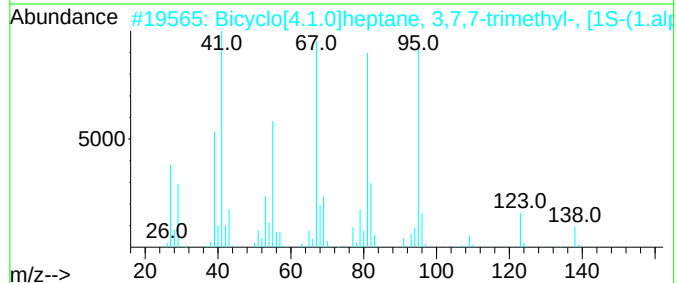
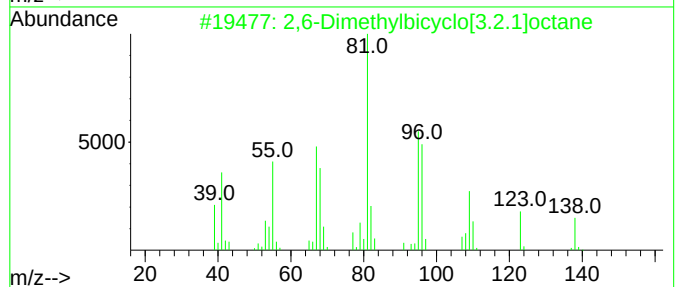
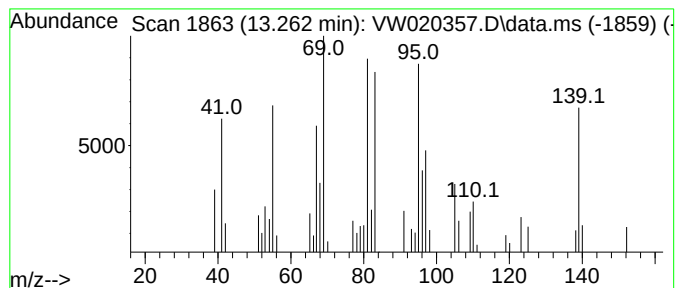
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TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-03

Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	1.85 ug/L	10160	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	42
2			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	38
3			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	38
4			(-)-trans-Pinane	138	C10H18	033626-25-4	38
5			Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW923RE

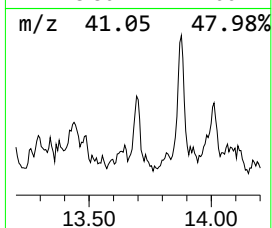
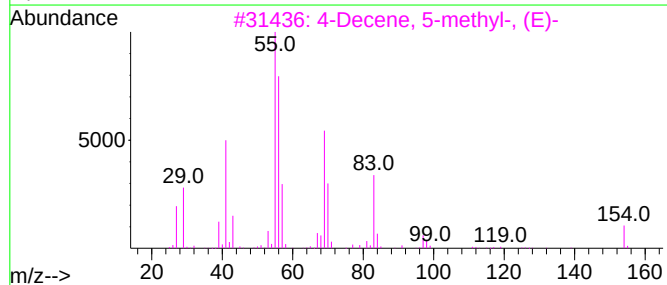
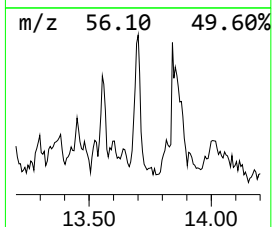
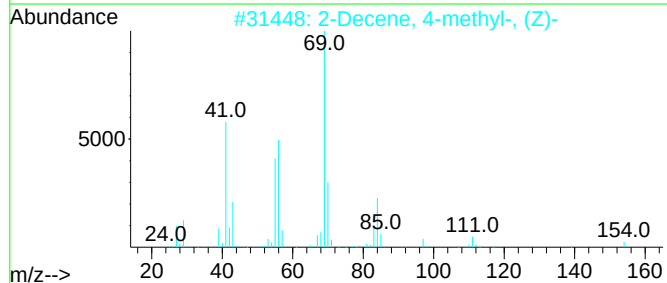
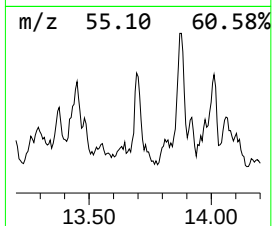
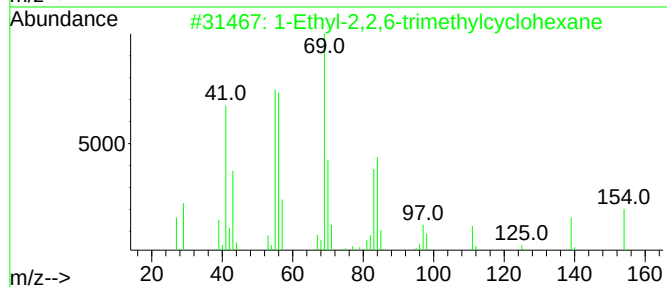
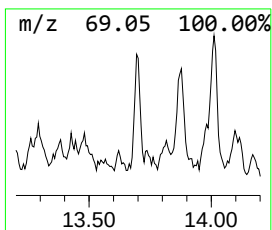
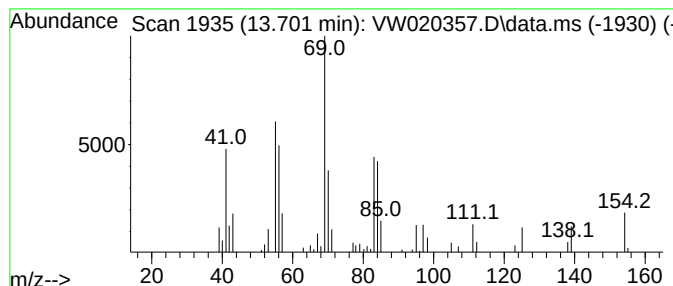
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic13.701 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	3.93 ug/L	21510	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	93
2		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	81
3		4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	55
4		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	52
5		4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW923RE

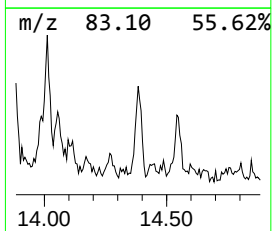
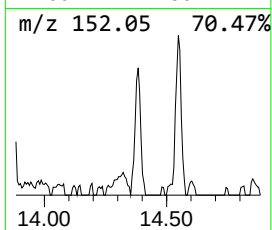
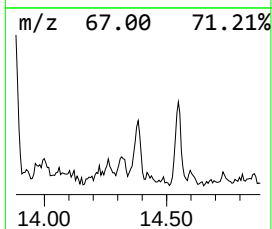
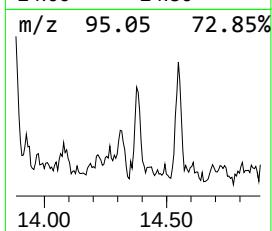
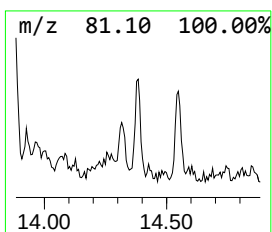
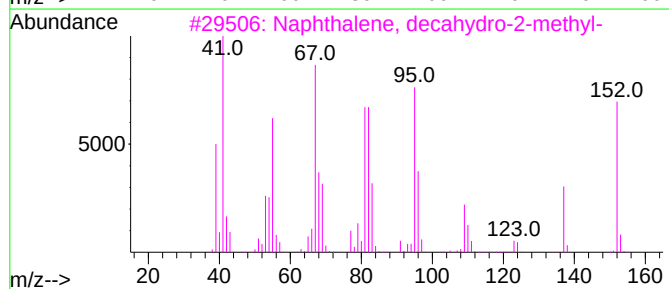
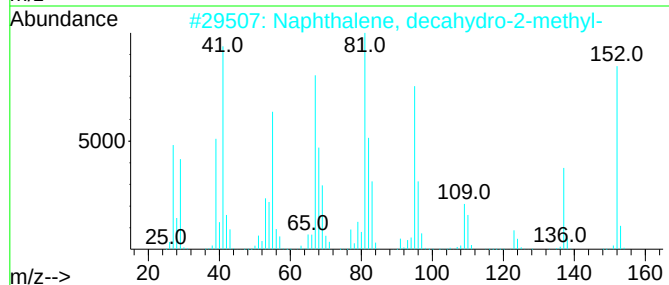
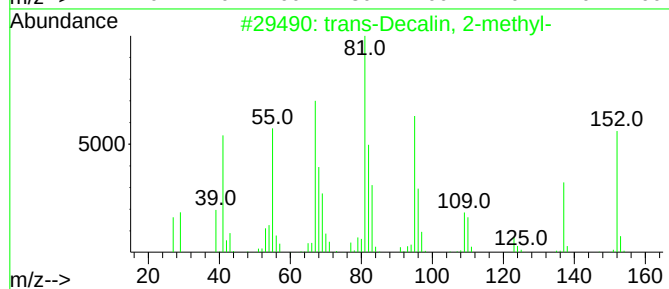
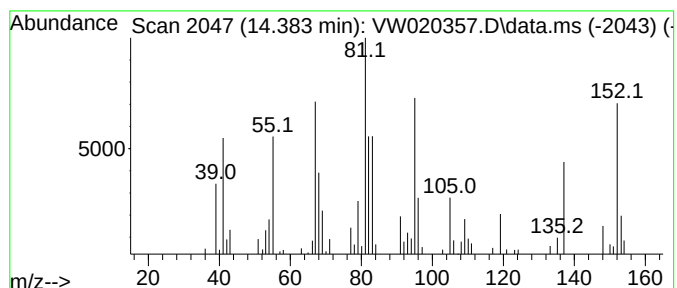
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Quant Title : SFAM01.0

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

Peak Number 16 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	3.50 ug/L	19158	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
5		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020357.D
Acq On : 07 Oct 2021 11:16
Operator : SY/VA
Sample : M4001-10RE
Misc : 6.72g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

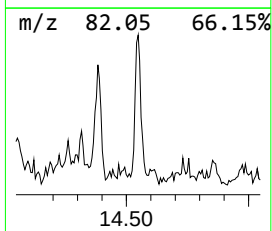
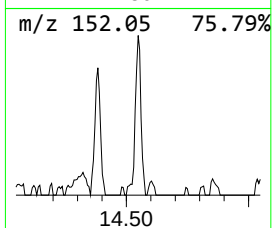
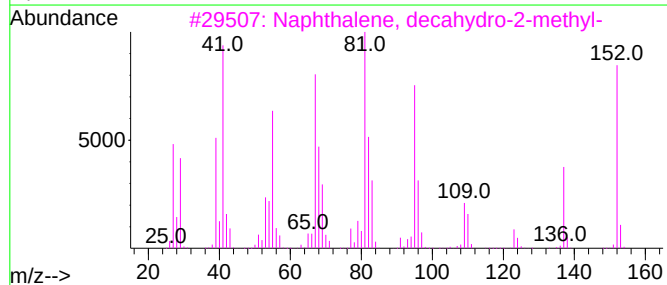
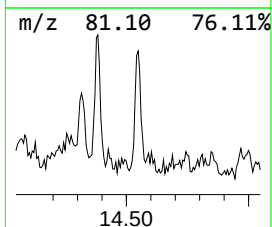
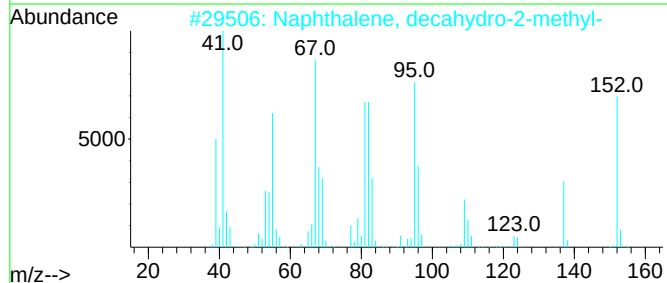
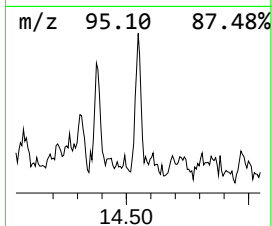
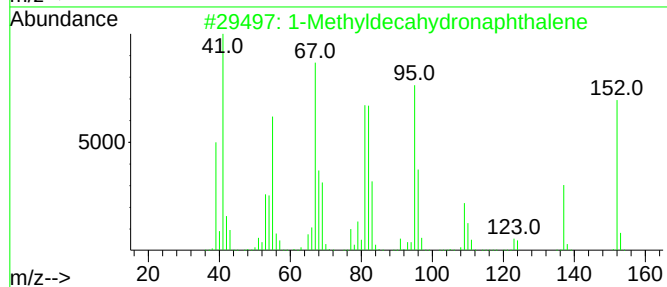
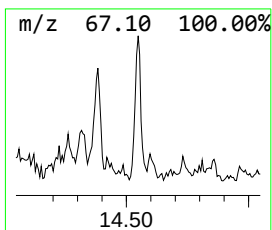
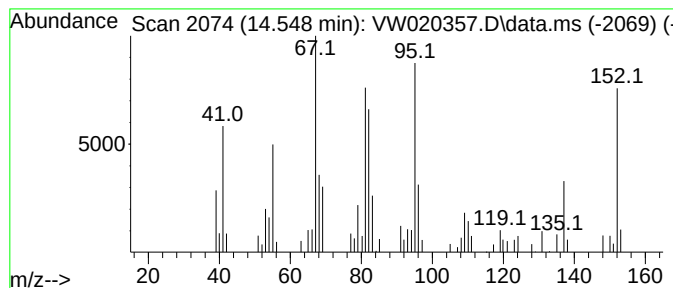
Instrument :
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ClientSampleId :
EW923RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.548	5.11 ug/L	27977	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
4	Camphor	152	C10H16O	000076-22-2	60
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020357.D
 Acq On : 07 Oct 2021 11:16
 Operator : SY/VA
 Sample : M4001-10RE
 Misc : 6.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW923RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
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(DEL) Alkane: C...	11.232	1.6	ug/L	16671	2	11.634	253840	25.0
(DEL) Alkane: S...	12.140	3.1	ug/L	31103	2	11.634	253840	25.0
(DEL) Alkane: S...	12.250	1.6	ug/L	16698	2	11.634	253840	25.0
(DEL) Alkane: S...	12.359	5.5	ug/L	55403	2	11.634	253840	25.0
(DEL) Alkane: S...	12.780	13.5	ug/L	74083	3	13.560	136984	25.0
unknown-01	12.859	4.8	ug/L	26580	3	13.560	136984	25.0
(DEL) Alkane: C...	12.938	9.0	ug/L	49492	3	13.560	136984	25.0
(DEL) Alkane: S...	13.079	1.7	ug/L	9405	3	13.560	136984	25.0
unknown-02	13.128	2.1	ug/L	11276	3	13.560	136984	25.0
(DEL) Alkane: S...	13.164	5.9	ug/L	32426	3	13.560	136984	25.0
unknown-03	13.262	1.9	ug/L	10160	3	13.560	136984	25.0
(DEL) Alkane: C...	13.701	3.9	ug/L	21510	3	13.560	136984	25.0
trans-Decalin, ...	14.383	3.5	ug/L	19158	3	13.560	136984	25.0
1-Methyldecahyd...	14.548	5.1	ug/L	27977	3	13.560	136984	25.0