

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026546.D
 Acq On : 06 Jul 2023 16:54
 Operator : SY/MD
 Sample : 03534-12
 Misc : 4.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4724

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\SFAMWLM070323SMA.M
 Title : SFAM01.0

Signal : TIC: VW026546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	71	77	93	rBV2	137227	388802	10.84%	0.925%
2	2.887	157	164	180	rBV	107660	326965	9.11%	0.778%
3	3.381	238	245	252	rBV3	9543	21601	0.60%	0.051%
4	3.545	262	272	277	rBV2	6095	16075	0.45%	0.038%
5	3.850	315	322	330	rVV2	10328	25630	0.71%	0.061%
6	4.015	338	349	358	rBV	259244	887304	24.73%	2.110%
7	4.119	359	366	389	rVB	223910	784370	21.86%	1.865%
8	4.387	400	410	426	rVB	97812	333850	9.31%	0.794%
9	4.899	478	494	505	rBV2	296562	1293539	36.05%	3.076%
10	5.935	659	664	667	rBV7	4140	8611	0.24%	0.020%
11	6.277	716	720	731	rVB8	5114	14047	0.39%	0.033%
12	6.429	736	745	754	rBV6	8499	27050	0.75%	0.064%
13	6.716	780	792	802	rBV4	50554	201213	5.61%	0.478%
14	6.874	809	818	829	rVV2	147611	449512	12.53%	1.069%
15	6.984	833	836	840	rVV5	8889	17029	0.47%	0.040%
16	7.069	840	850	858	rVV2	173230	567430	15.82%	1.349%
17	7.173	860	867	883	rVB2	95956	325754	9.08%	0.775%
18	7.508	914	922	934	rVB4	14629	47626	1.33%	0.113%
19	7.648	934	945	967	rBV	555559	1736519	48.40%	4.129%
20	7.856	972	979	985	rVB2	16230	39062	1.09%	0.093%
21	7.953	985	995	1001	rBV	120283	324769	9.05%	0.772%
22	8.032	1001	1008	1031	rVV	470027	1287760	35.89%	3.062%
23	8.276	1031	1048	1064	rVV2	1094644	3587703	100.00%	8.532%
24	8.417	1064	1071	1076	rVV	108097	260630	7.26%	0.620%
25	8.478	1076	1081	1091	rVV3	114001	413346	11.52%	0.983%
26	8.575	1091	1097	1107	rVB2	109533	265927	7.41%	0.632%
27	8.703	1114	1118	1129	rVB6	10574	26431	0.74%	0.063%
28	8.843	1131	1141	1152	rBV	1249670	2608016	72.69%	6.202%
29	8.929	1152	1155	1162	rVB2	34397	66298	1.85%	0.158%
30	8.990	1162	1165	1171	rVB3	7834	14285	0.40%	0.034%
31	9.069	1171	1178	1182	rBV2	88441	186211	5.19%	0.443%
32	9.118	1182	1186	1194	rVB2	91643	189123	5.27%	0.450%
33	9.276	1203	1212	1227	rBV2	811927	2325151	64.81%	5.529%
34	9.386	1227	1230	1238	rVB3	55707	121428	3.38%	0.289%
35	9.465	1238	1243	1248	rBV3	22534	54426	1.52%	0.129%
36	9.611	1256	1267	1273	rBV3	214159	519859	14.49%	1.236%

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 Title : SFAM01.0

37	9.678	1273	1278	1284	rVV9	29110	81239	2.26%	0.193%
38	9.752	1284	1290	1300	rVV2	171470	360596	10.05%	0.857%
39	9.855	1301	1307	1309	rVV3	88288	163050	4.54%	0.388%
40	9.892	1309	1313	1317	rVV	138710	303071	8.45%	0.721%
41	9.941	1318	1321	1326	rVV3	84852	161966	4.51%	0.385%
42	10.032	1326	1336	1341	rVV2	353402	842567	23.48%	2.004%
43	10.075	1341	1343	1350	rVV3	126918	225011	6.27%	0.535%
44	10.148	1350	1355	1359	rVB2	33361	56179	1.57%	0.134%
45	10.203	1359	1364	1368	rBV2	117969	234162	6.53%	0.557%
46	10.245	1368	1371	1377	rVB2	79547	134263	3.74%	0.319%
47	10.325	1377	1384	1403	rBV	1354770	2621805	73.08%	6.235%
48	10.514	1403	1415	1421	rBV7	117398	444771	12.40%	1.058%
49	10.581	1421	1426	1435	rVV5	234667	568260	15.84%	1.351%
50	10.666	1435	1440	1445	rVV	123961	221314	6.17%	0.526%
51	10.739	1446	1452	1461	rVV3	253628	598103	16.67%	1.422%
52	10.825	1461	1466	1474	rVB7	33504	106647	2.97%	0.254%
53	10.922	1474	1482	1490	rBV	464619	894654	24.94%	2.127%
54	11.014	1491	1497	1502	rVV5	95765	207212	5.78%	0.493%
55	11.056	1502	1504	1507	rVV3	46507	64173	1.79%	0.153%
56	11.099	1508	1511	1514	rVV3	60941	109485	3.05%	0.260%
57	11.142	1515	1518	1523	rVV2	81162	128363	3.58%	0.305%
58	11.227	1523	1532	1536	rVV4	58173	153319	4.27%	0.365%
59	11.282	1536	1541	1546	rVV2	96042	194461	5.42%	0.462%
60	11.331	1546	1549	1555	rVB4	61051	107159	2.99%	0.255%
61	11.434	1560	1566	1576	rVB3	158354	325682	9.08%	0.774%
62	11.544	1578	1584	1589	rBV8	27290	72511	2.02%	0.172%
63	11.629	1592	1598	1605	rBV	1248334	2115101	58.95%	5.030%
64	11.690	1605	1608	1610	rBV3	22835	30989	0.86%	0.074%
65	11.763	1617	1620	1624	rVB4	54455	75207	2.10%	0.179%
66	11.818	1624	1629	1633	rBV2	63159	125320	3.49%	0.298%
67	11.885	1633	1640	1649	rVB5	110661	327846	9.14%	0.780%
68	11.977	1650	1655	1659	rBV5	38534	75505	2.10%	0.180%
69	12.038	1660	1665	1669	rBV2	44636	76589	2.13%	0.182%
70	12.135	1674	1681	1686	rBV4	96051	225347	6.28%	0.536%
71	12.202	1687	1692	1703	rVB4	98015	304321	8.48%	0.724%
72	12.337	1703	1714	1722	rBV8	133187	420301	11.72%	0.999%
73	12.440	1723	1731	1739	rBV9	63407	236556	6.59%	0.563%
74	12.519	1741	1744	1747	rBV5	33583	50251	1.40%	0.119%
75	12.562	1748	1751	1752	rVV3	40135	47256	1.32%	0.112%
76	12.593	1753	1756	1764	rVB5	103845	244695	6.82%	0.582%

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 Title : SFAM01.0

77	12.690	1766	1772	1778	rBV	595296	1040501	29.00%	2.474%
78	12.855	1794	1799	1806	rBV5	73327	224745	6.26%	0.534%
79	12.952	1807	1815	1827	rVV5	109024	474292	13.22%	1.128%
80	13.074	1832	1835	1839	rVB4	59598	91039	2.54%	0.216%
81	13.190	1847	1854	1862	rBV5	139330	344745	9.61%	0.820%
82	13.263	1862	1866	1867	rBV3	36777	51485	1.44%	0.122%
83	13.294	1867	1871	1875	rVV2	79910	125379	3.49%	0.298%
84	13.361	1877	1882	1886	rVV	291086	474828	13.23%	1.129%
85	13.410	1886	1890	1898	rVB4	125557	280392	7.82%	0.667%
86	13.477	1898	1901	1903	rBV3	51422	66658	1.86%	0.159%
87	13.556	1909	1914	1918	rBV	655492	981093	27.35%	2.333%
88	13.696	1932	1937	1941	rBV5	103790	179774	5.01%	0.428%
89	13.794	1950	1953	1957	rBV	157668	222436	6.20%	0.529%
90	13.848	1957	1962	1971	rVV	539697	1216130	33.90%	2.892%
91	13.928	1972	1975	1980	rVV4	68991	111202	3.10%	0.264%
92	14.190	2014	2018	2022	rBV3	98473	148734	4.15%	0.354%
93	14.257	2025	2029	2035	rVB4	233620	420439	11.72%	1.000%
94	14.312	2036	2038	2044	rVB5	76325	114803	3.20%	0.273%
95	14.379	2044	2049	2053	rBV2	300085	504491	14.06%	1.200%
96	14.501	2063	2069	2070	rBV4	146138	273391	7.62%	0.650%
97	14.653	2089	2094	2098	rVB2	155274	265299	7.39%	0.631%
98	14.739	2104	2108	2111	rBV2	125383	160438	4.47%	0.382%
99	15.391	2210	2215	2221	rBV7	214523	546976	15.25%	1.301%
100	15.562	2240	2243	2249	rBV4	118005	234289	6.53%	0.557%

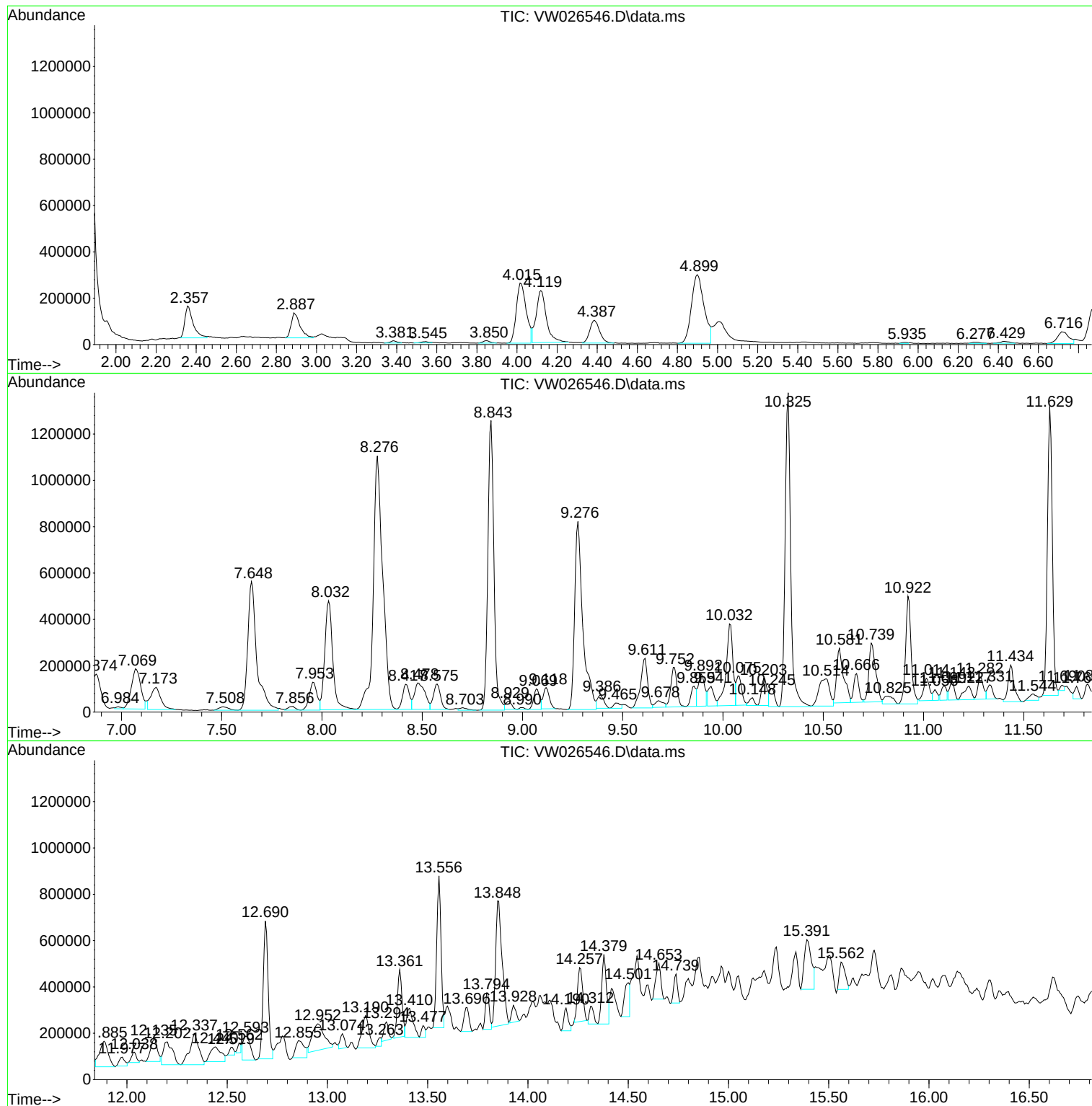
Sum of corrected areas: 42052218

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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



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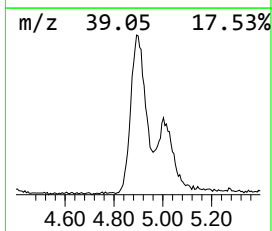
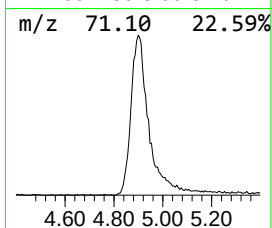
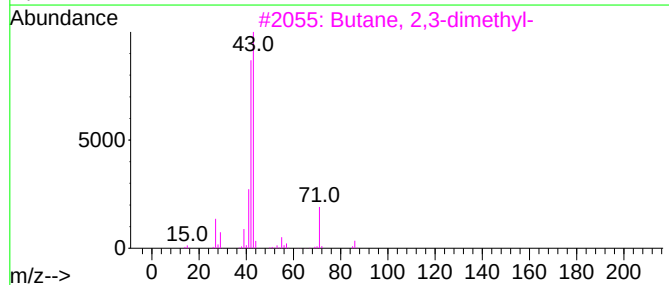
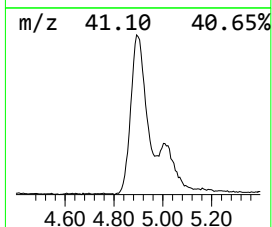
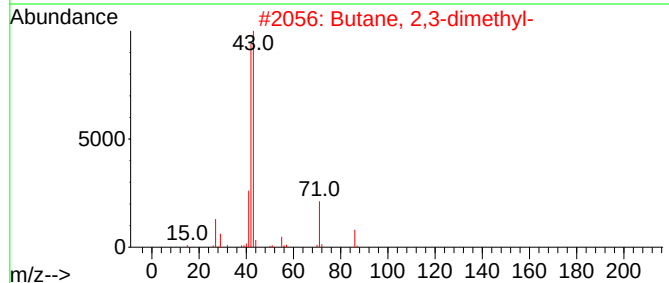
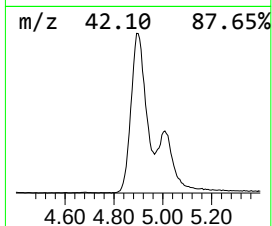
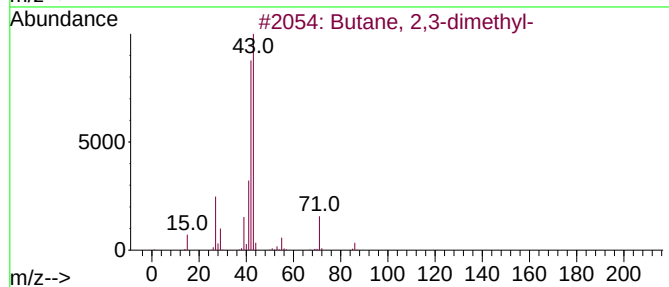
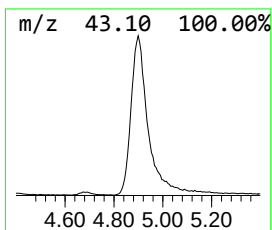
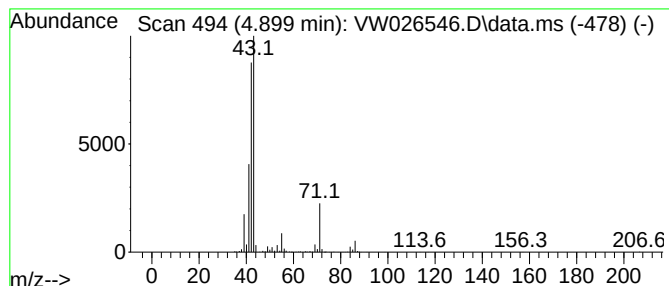
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	12.40 ug/L	1293540	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
5		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58



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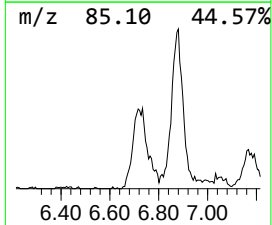
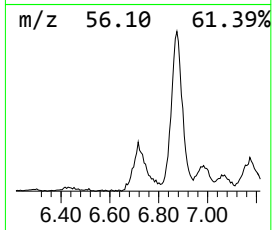
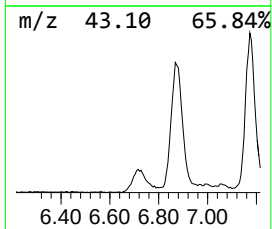
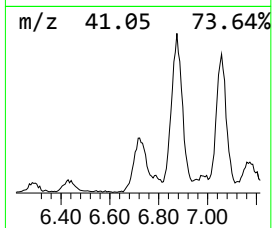
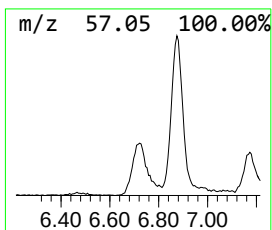
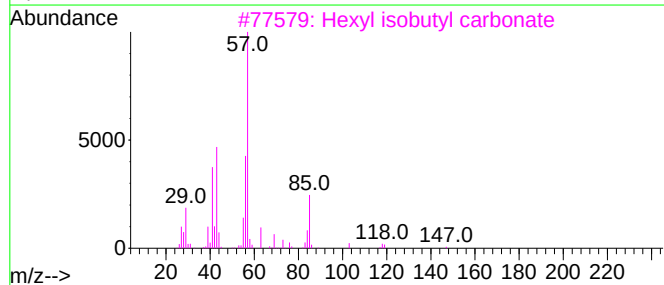
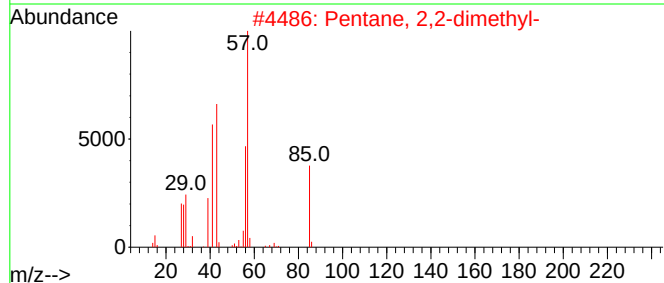
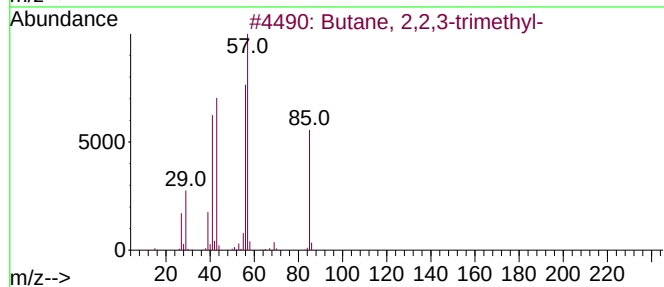
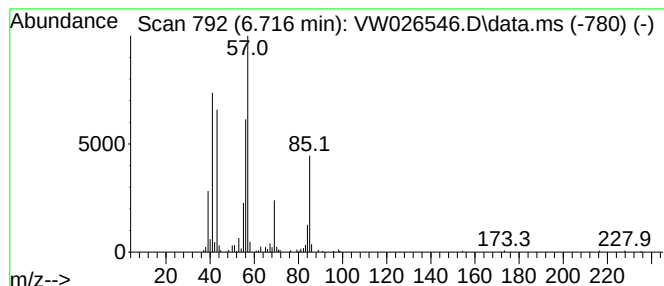
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.716	1.93 ug/L	201213	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
3		Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	64
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64



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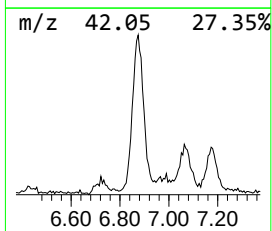
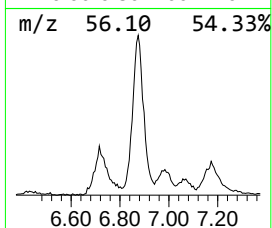
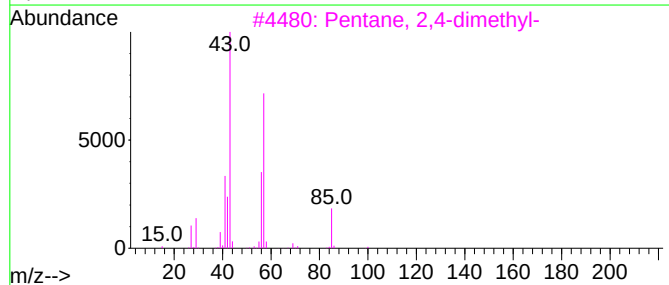
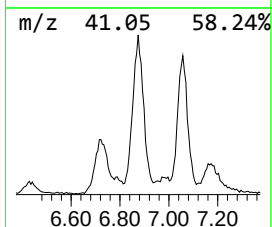
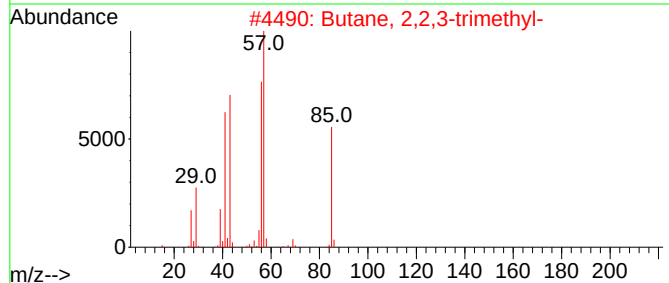
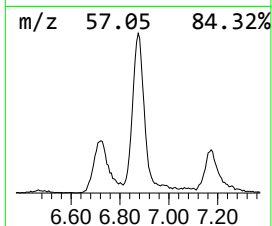
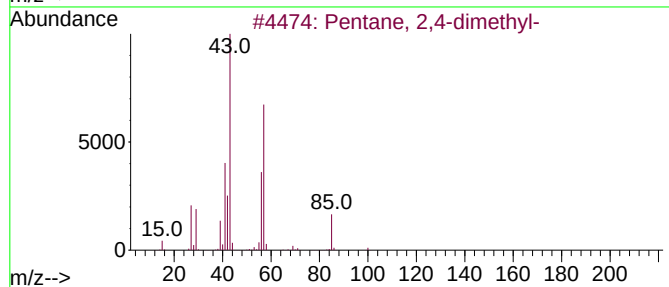
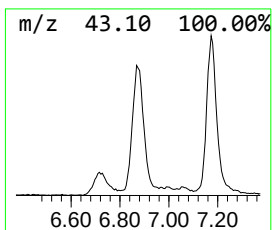
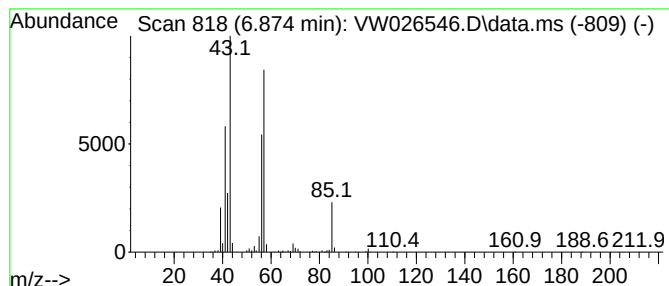
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.874	4.31 ug/L	449512	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	81
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	52
4			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	47
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

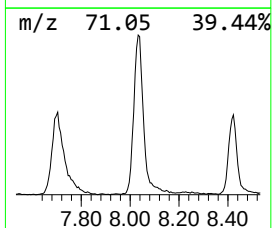
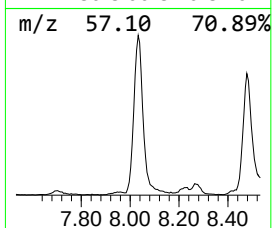
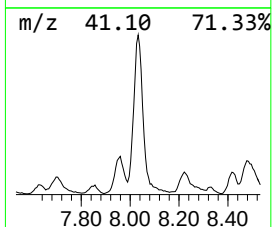
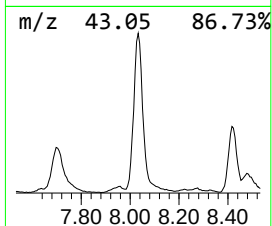
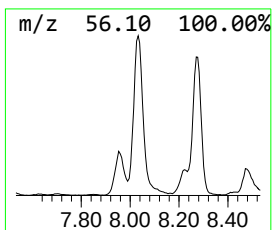
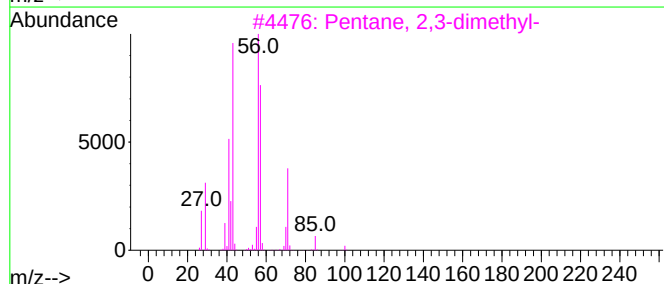
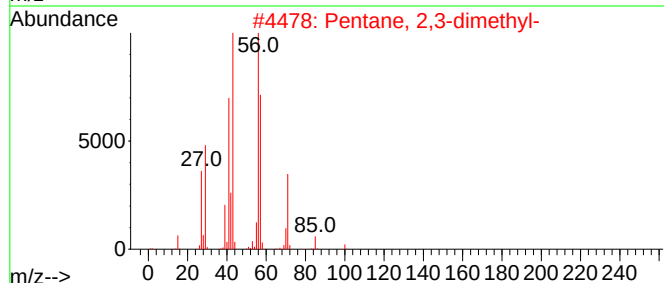
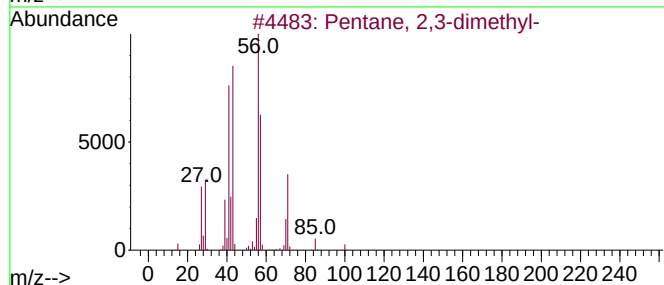
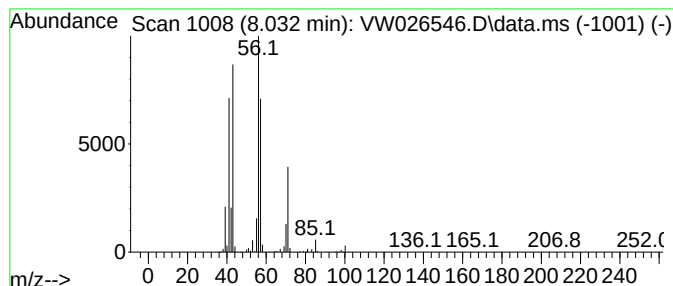
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	12.34 ug/L	1287760	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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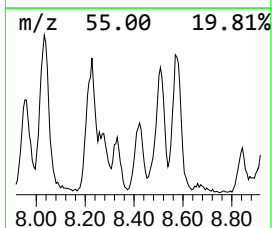
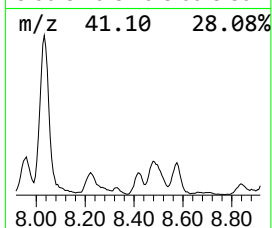
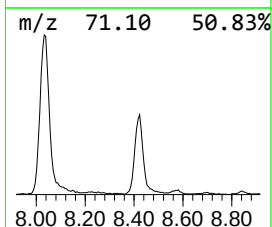
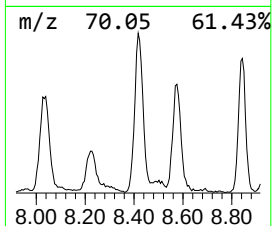
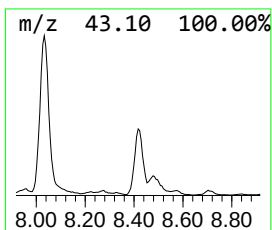
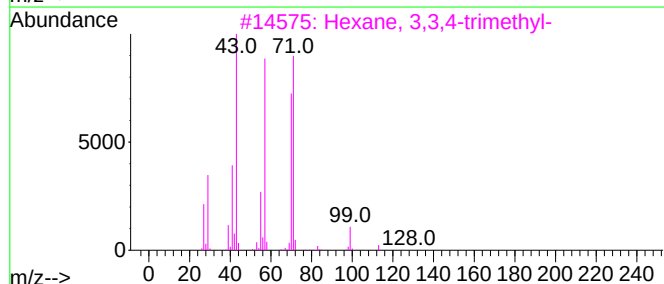
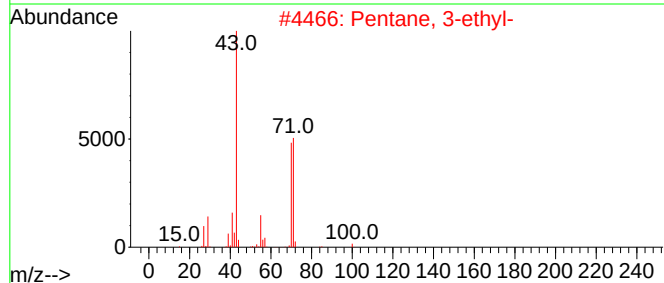
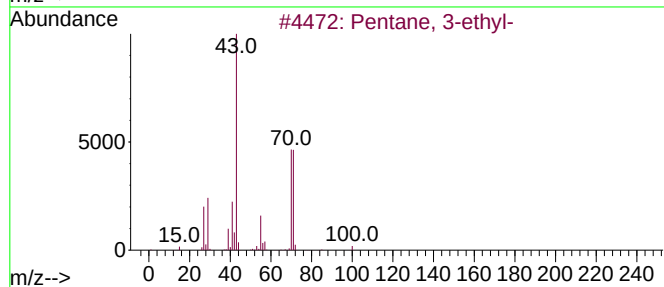
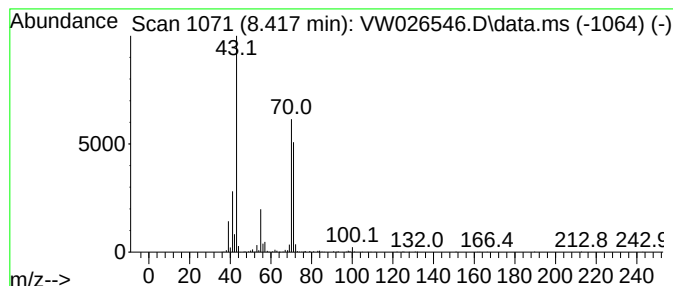
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.417	2.50 ug/L	260630	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	90
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
4	Diisooamyl ether	158	C10H22O	000544-01-4	78
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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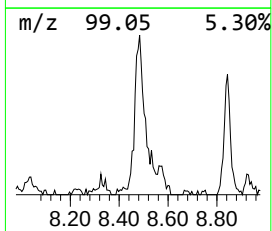
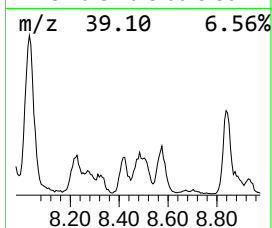
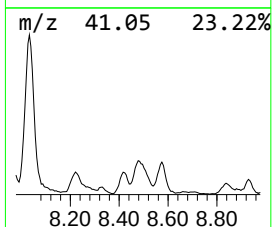
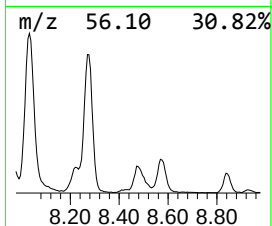
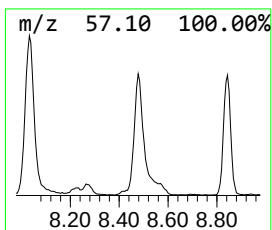
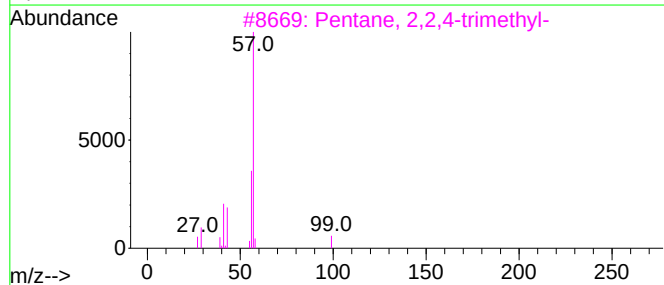
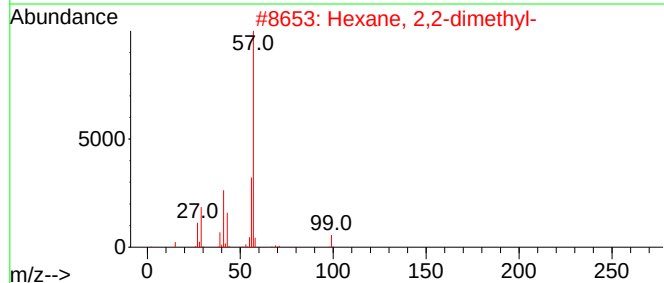
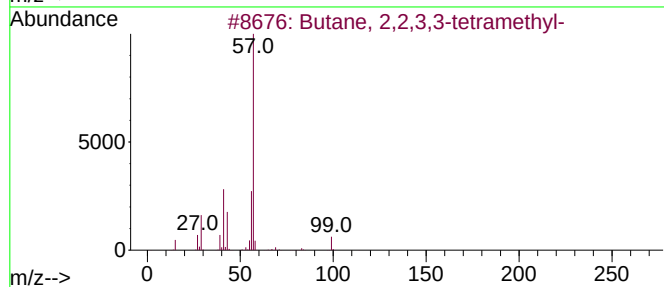
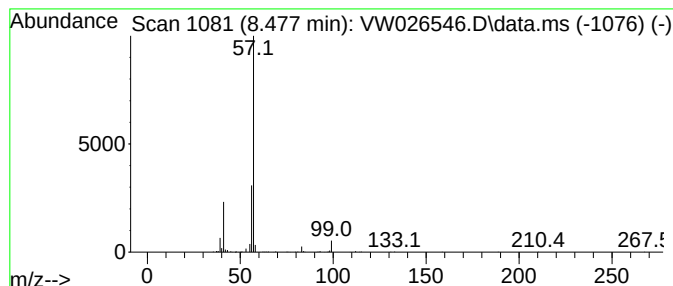
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.477	3.96 ug/L	413346	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	45
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	45
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	45
5		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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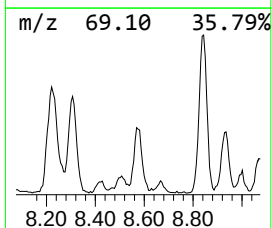
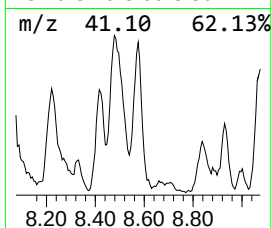
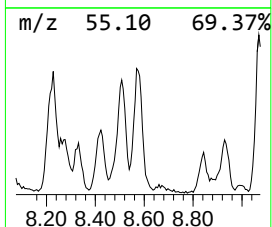
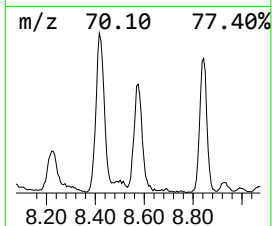
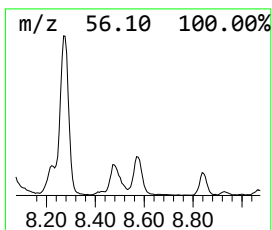
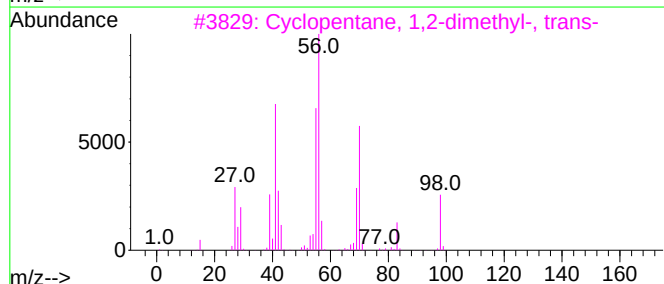
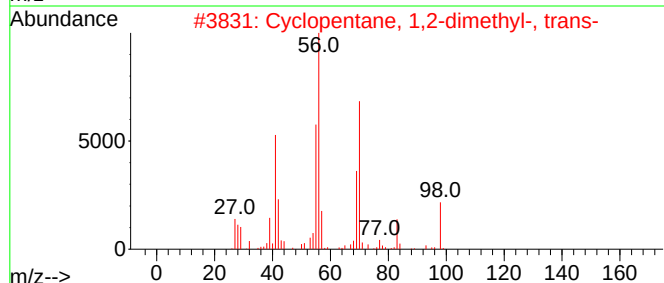
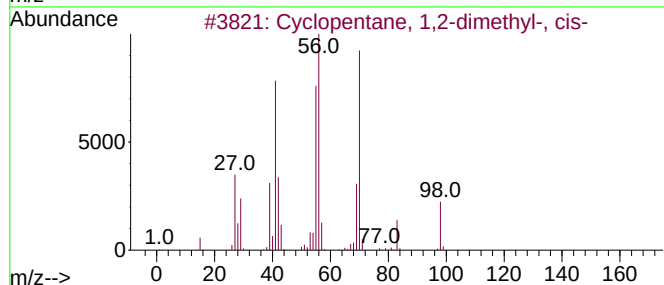
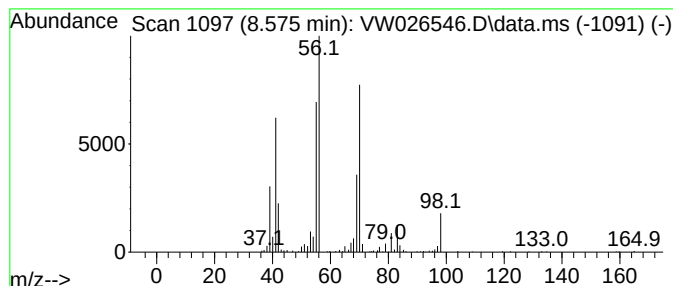
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	2.55 ug/L	265927	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4		Isopropylcyclobutane	98	C7H14	000872-56-0	90
5		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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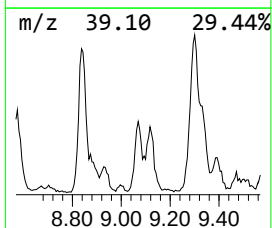
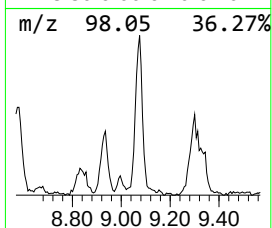
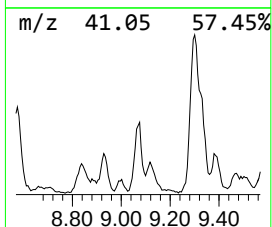
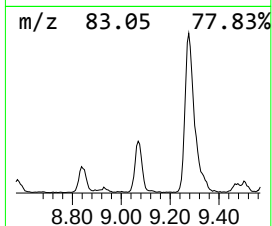
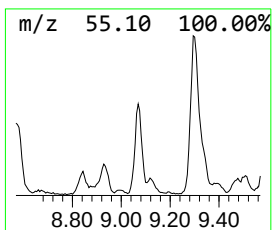
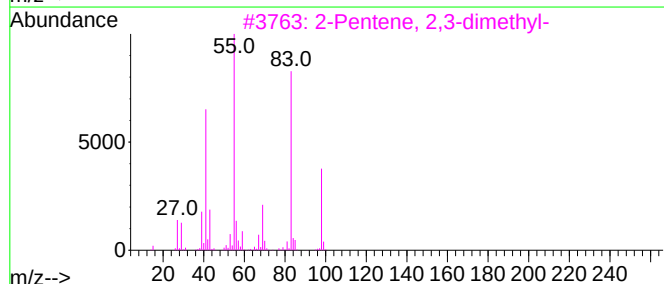
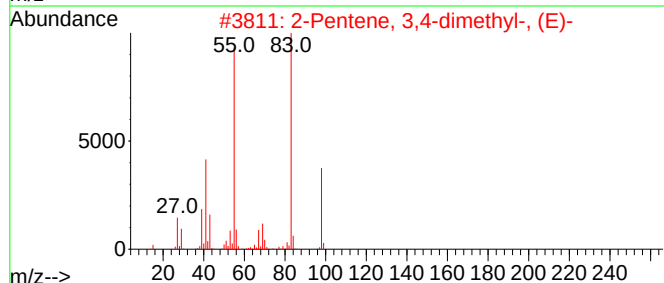
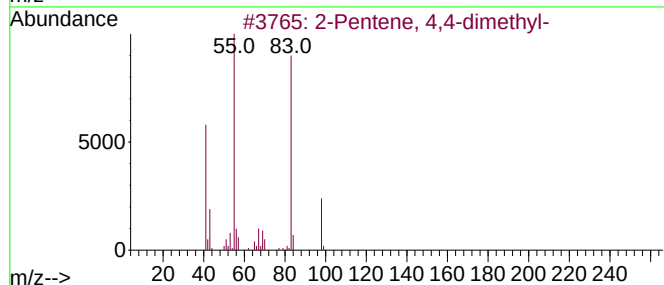
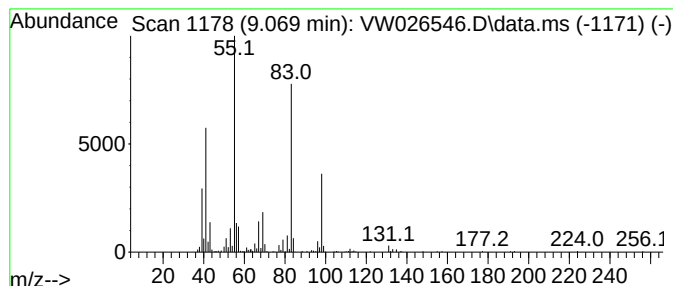
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	1.78 ug/L	186211	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	91
2		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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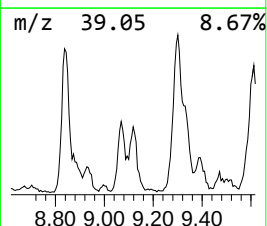
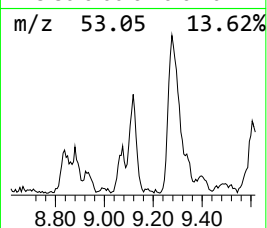
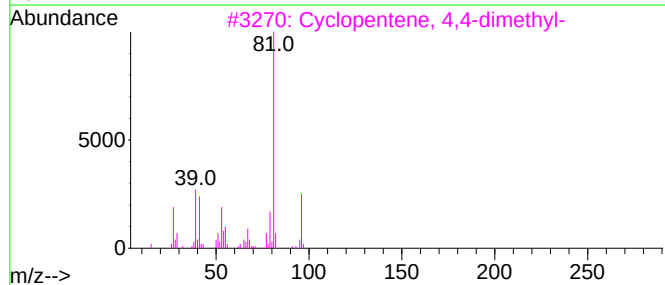
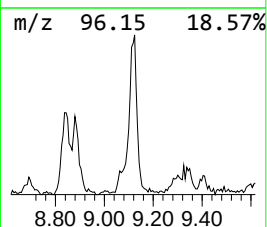
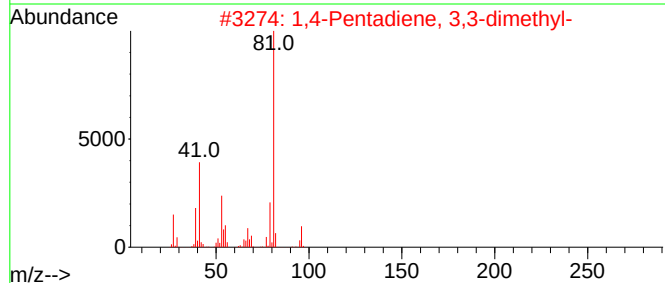
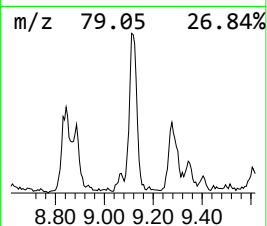
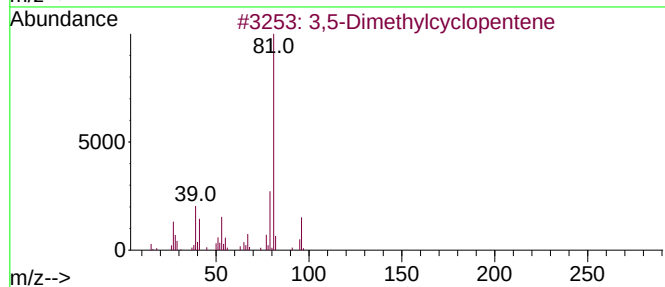
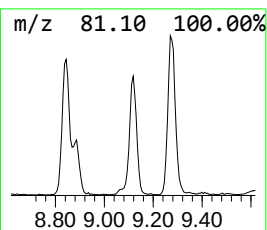
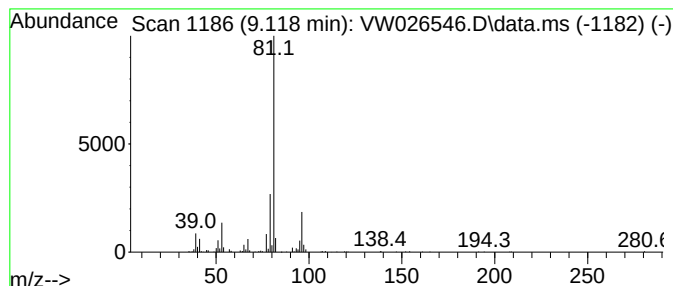
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Quant Title : SFAM01.0

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

Peak Number 9 3,5-Dimethylcyclopentene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.118	1.81 ug/L	189123	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	86
2			1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	78
3			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
4			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	72
5			Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

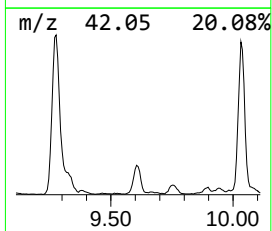
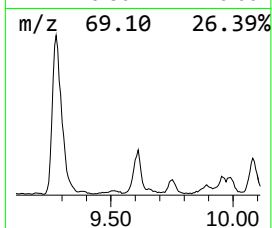
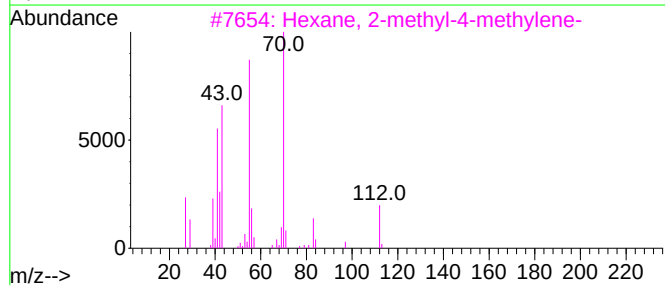
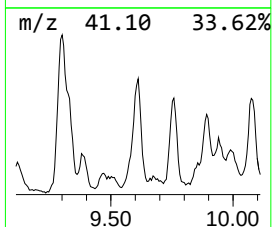
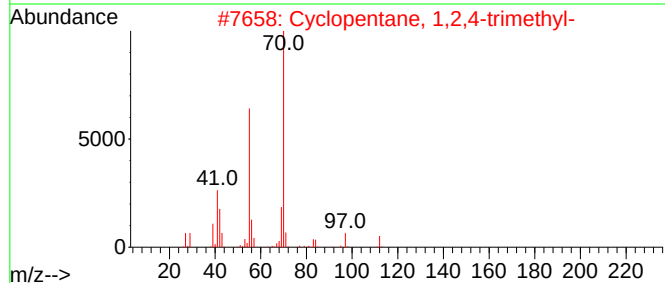
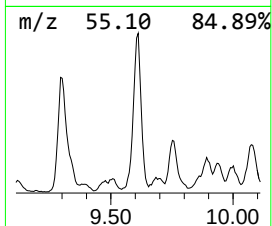
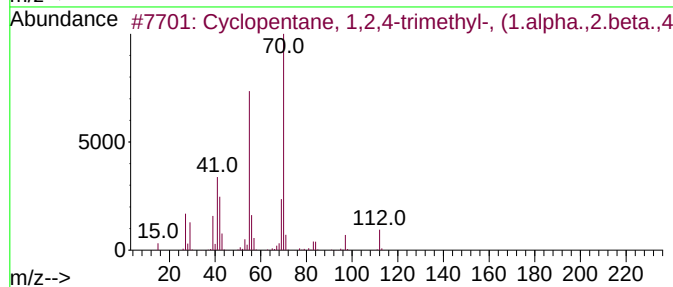
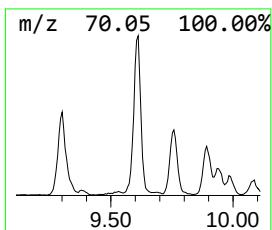
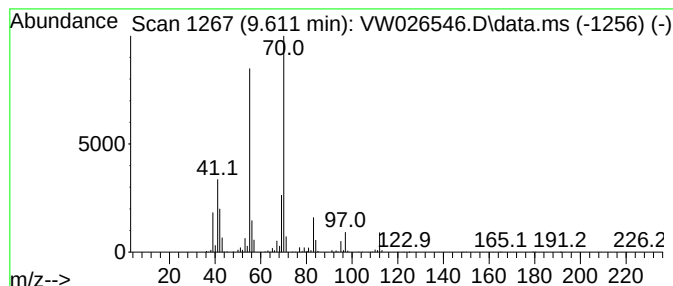
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic9.611 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.611	4.98 ug/L	519859	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	87
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

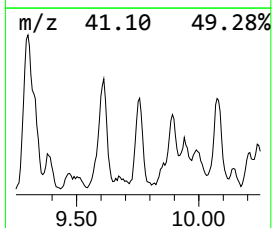
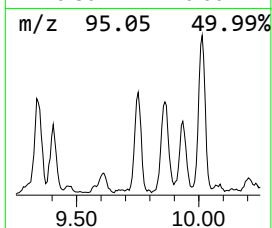
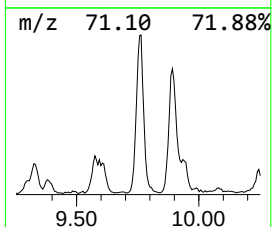
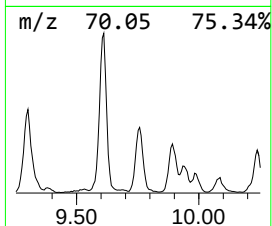
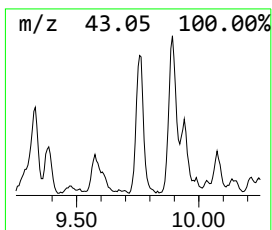
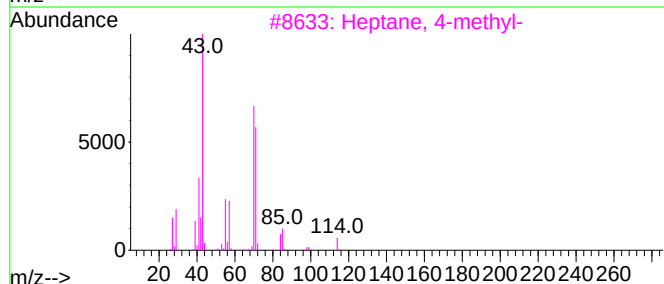
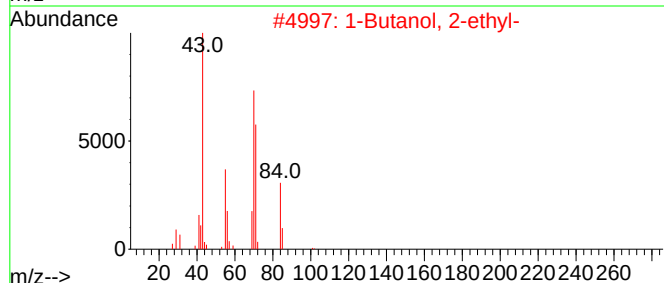
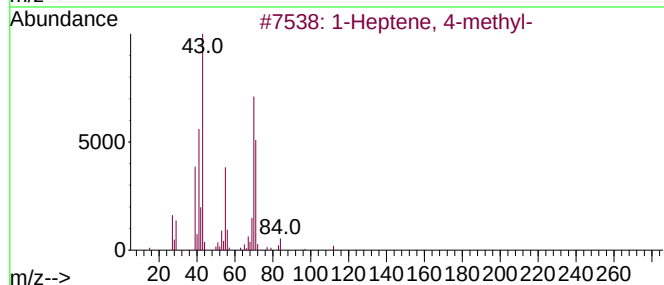
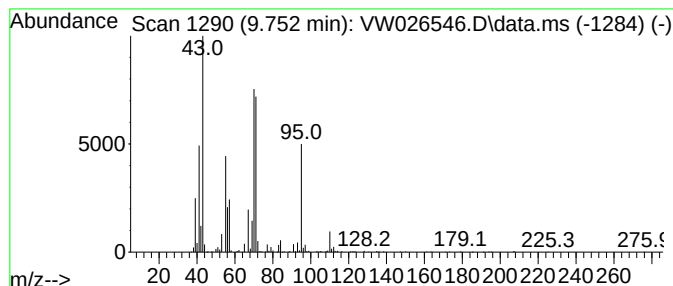
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	3.46 ug/L	360596	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptene, 4-methyl-	112	C8H16	013151-05-8	52
2		1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	47
4		Isopentyl propyl carbonate	174	C9H18O3	1000373-84-4	47
5		1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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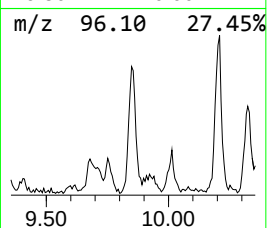
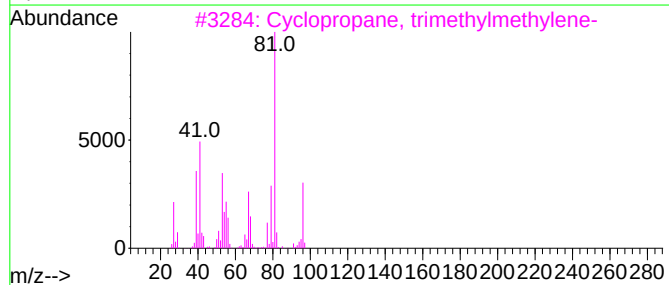
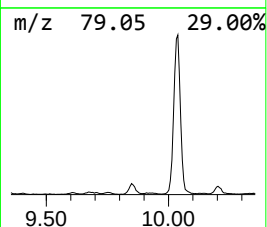
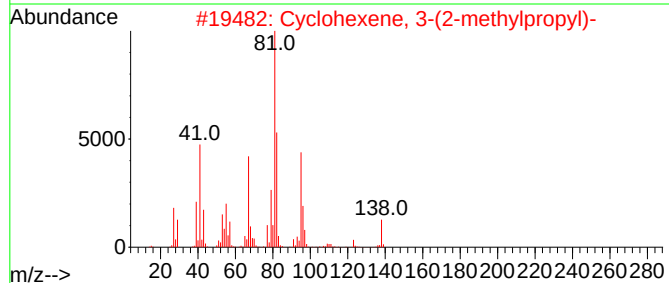
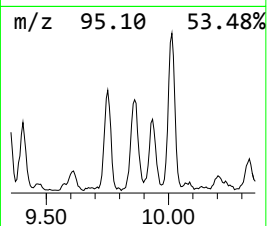
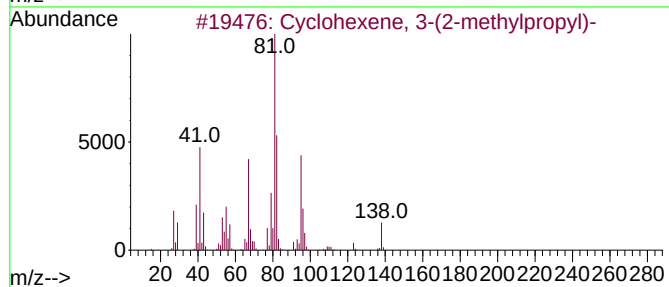
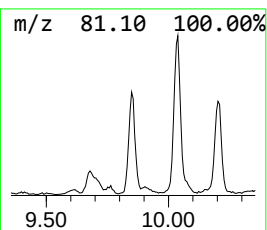
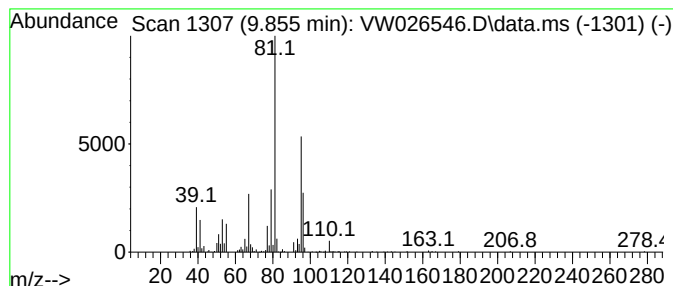
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Quant Title : SFAM01.0

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

Peak Number 12 Cyclohexene, 3-(2-methylpro... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.855	1.56 ug/L	163050	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	72
2		Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	72
3		Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	64
4		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	58
5		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

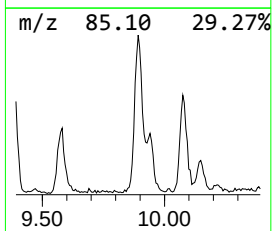
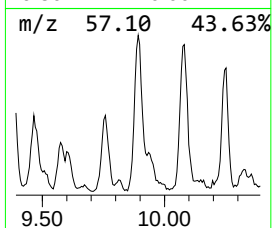
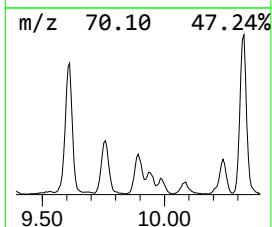
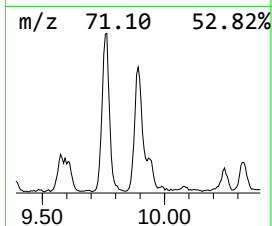
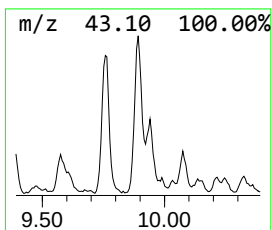
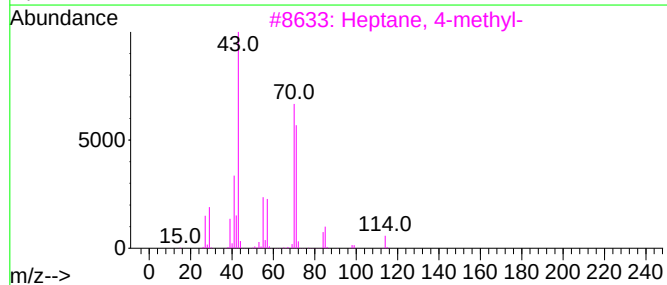
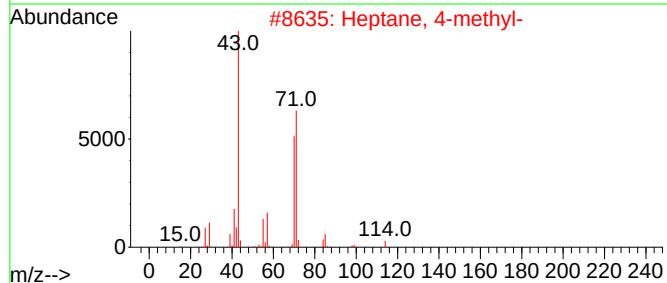
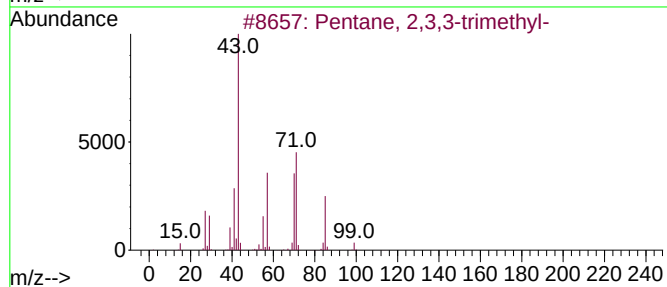
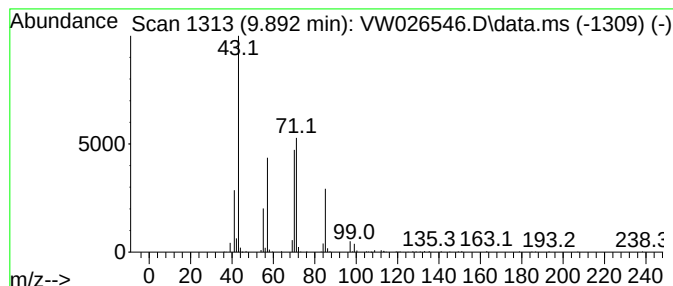
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.892	2.91 ug/L	303071	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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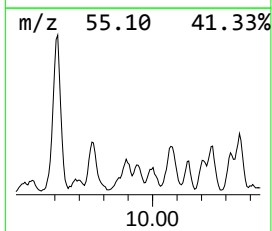
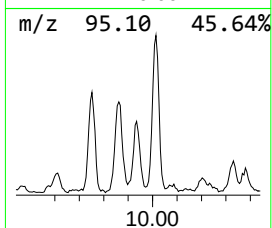
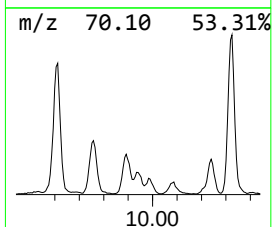
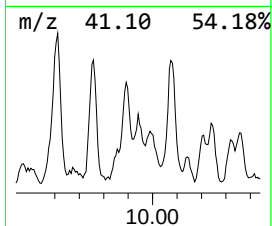
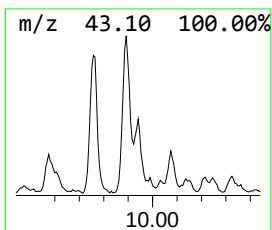
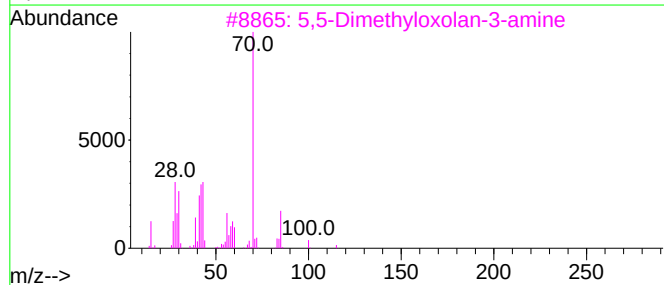
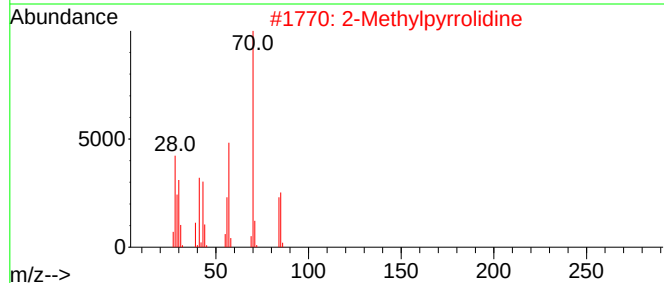
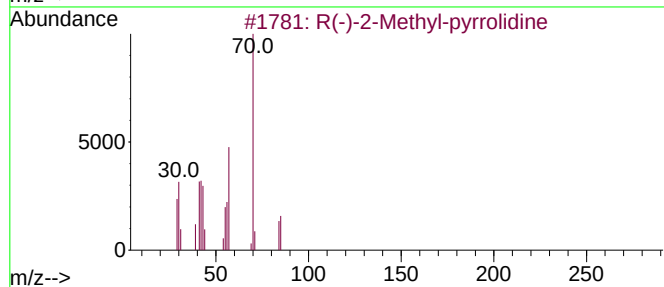
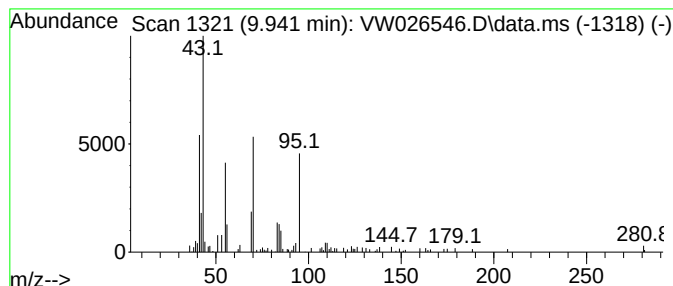
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.941	1.55 ug/L	161966	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	R(-)-2-Methyl-pyrrolidine			85	C5H11N	1010144-17-1	38
2	2-Methylpyrrolidine			85	C5H11N	000765-38-8	35
3	5,5-Dimethyloxolan-3-amine			115	C6H13NO	1000444-86-4	27
4	2,4-Dimethyl-1-heptene			126	C9H18	019549-87-2	27
5	Pentane, 3-ethyl-2-methyl-			114	C8H18	000609-26-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

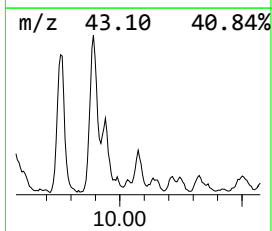
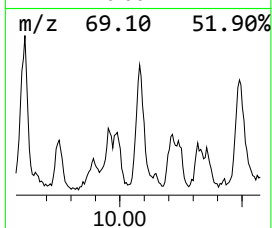
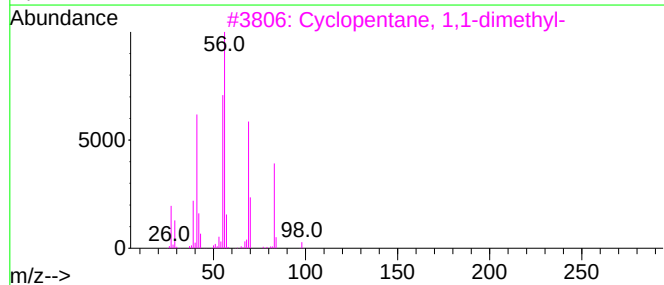
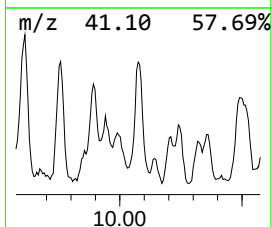
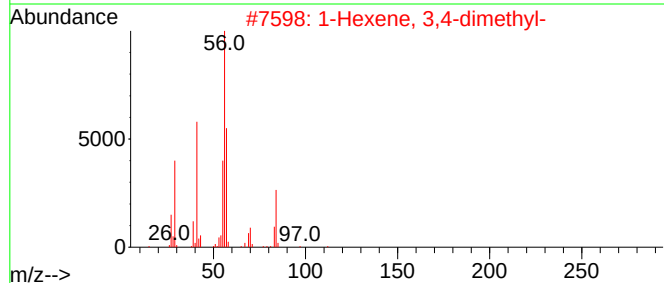
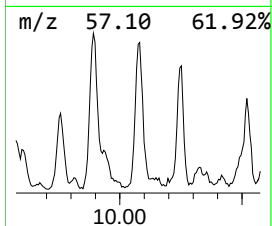
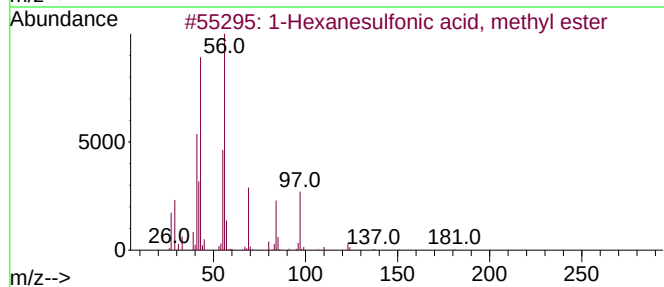
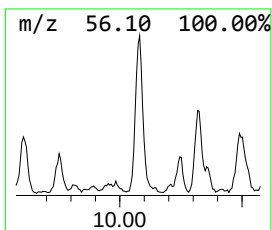
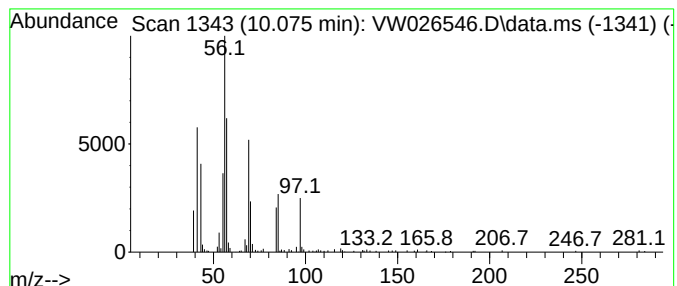
Instrument :
MSVOA_W
ClientSampleId :
A4724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 1-Hexanesulfonic acid, meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.075	2.16 ug/L	225011	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanesulfonic acid, methyl ester	180	C7H16O3S	010307-26-3	53
2	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	50
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49
5	Cyclohexane	84	C6H12	000110-82-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

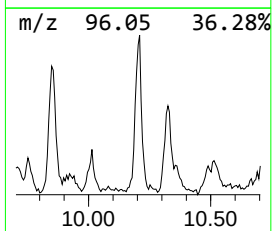
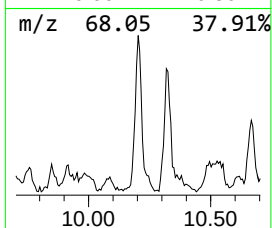
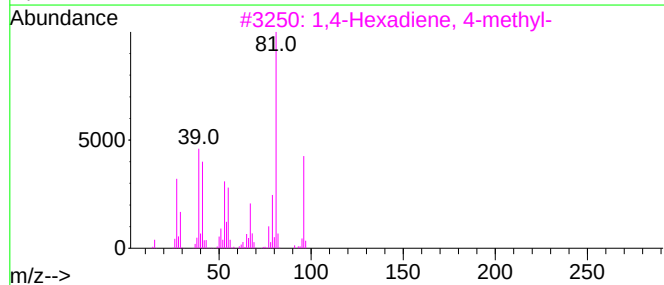
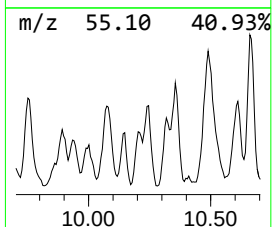
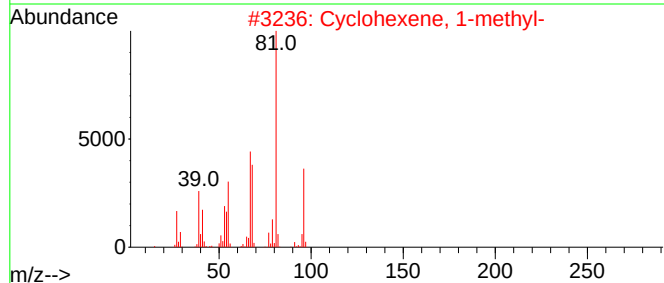
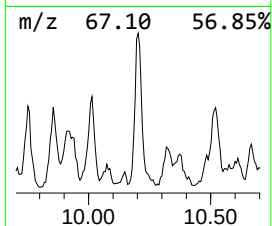
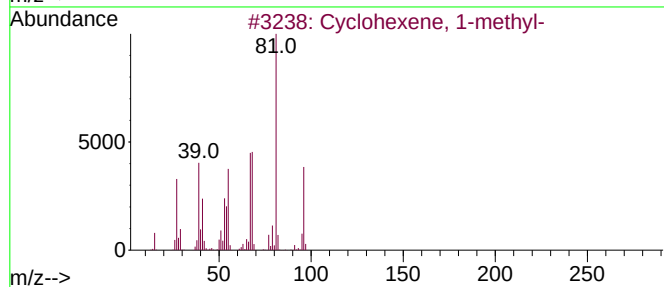
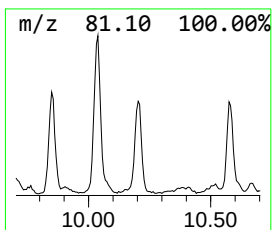
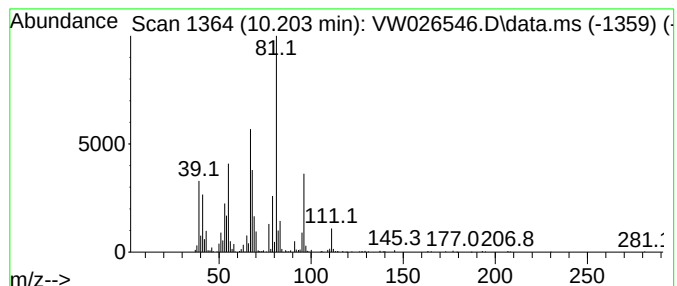
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Quant Title : SFAM01.0

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

Peak Number 17 Cyclohexene, 1-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.203	2.24 ug/L	234162	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
3			1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	91
4			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	81
5			Cyclohexane, methylene-	96	C7H12	001192-37-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

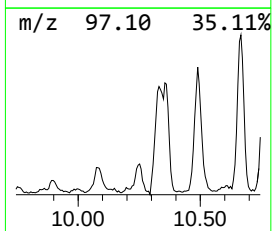
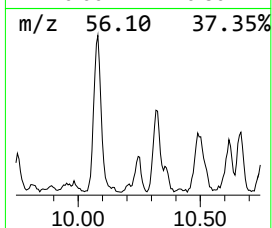
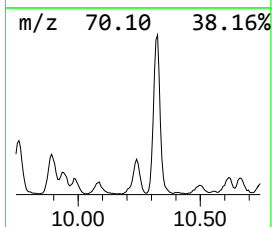
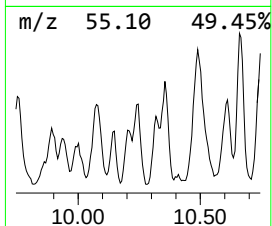
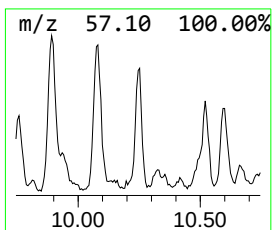
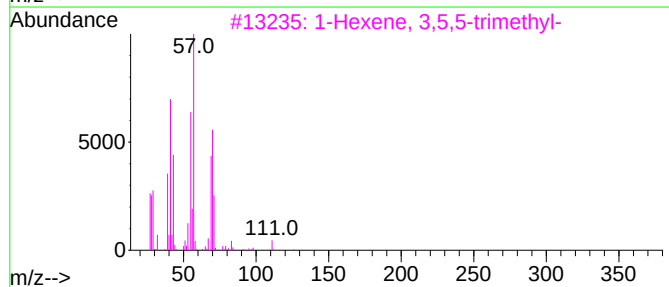
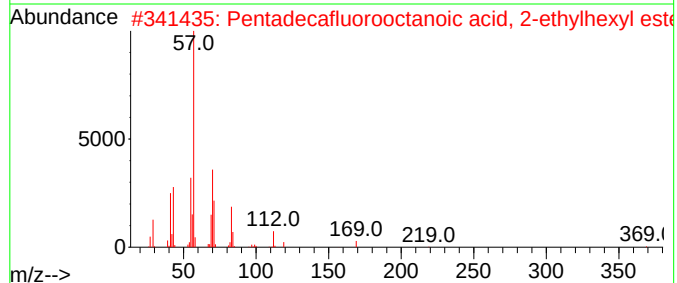
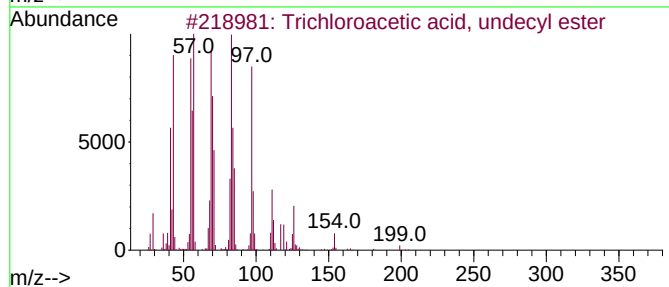
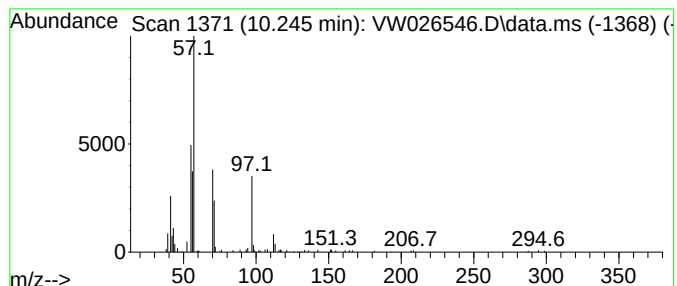
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Quant Title : SFAM01.0

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

Peak Number 18 Trichloroacetic acid, undec... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.246	1.59 ug/L	134263	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	64
2			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	50
3			1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	50
4			1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	40
5			Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

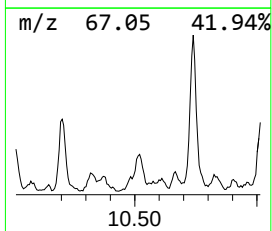
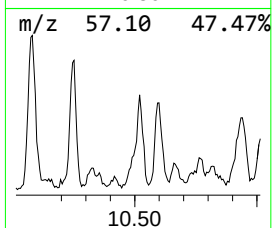
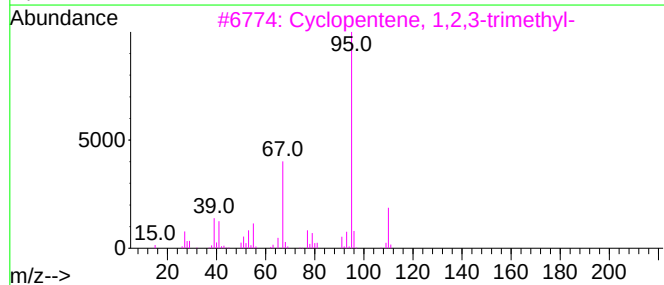
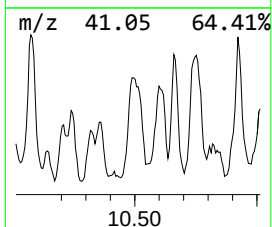
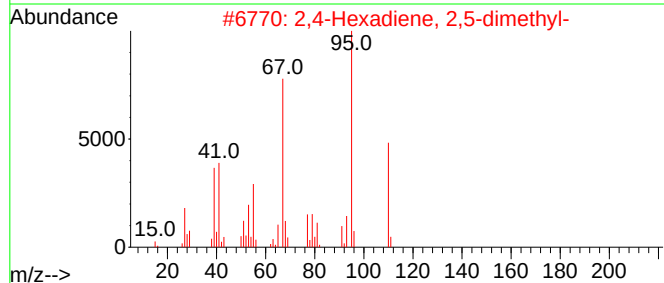
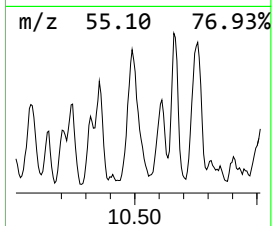
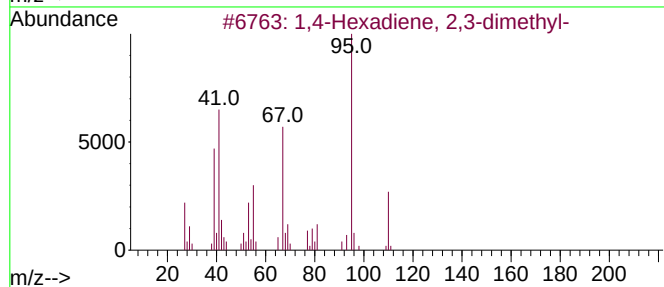
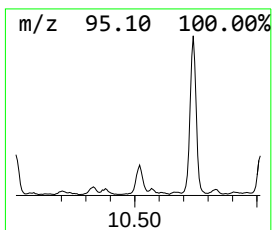
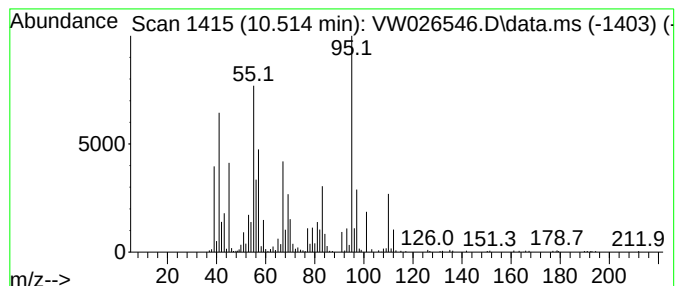
Instrument :
MSVOA_W
ClientSampleId :
A4724

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Quant Title : SFAM01.0

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

Peak Number 19 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.514	5.26 ug/L	444771	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	91
2	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	55
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	55
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	55
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

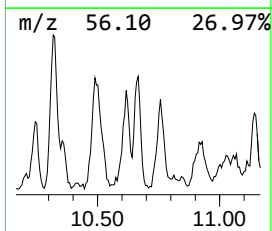
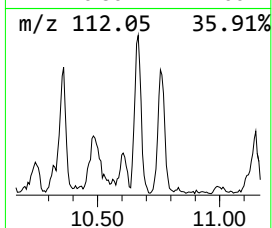
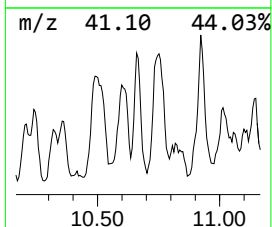
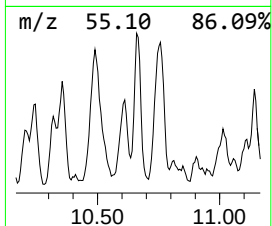
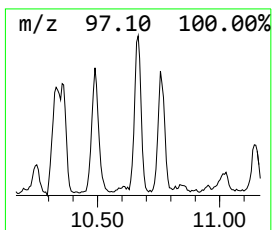
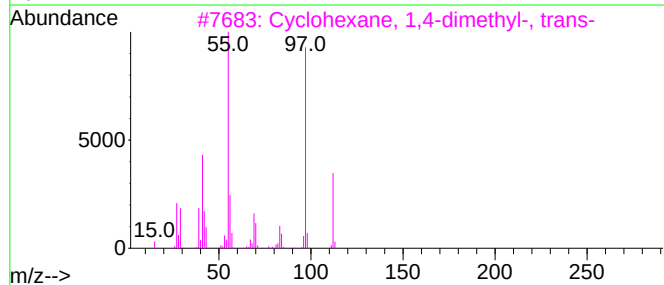
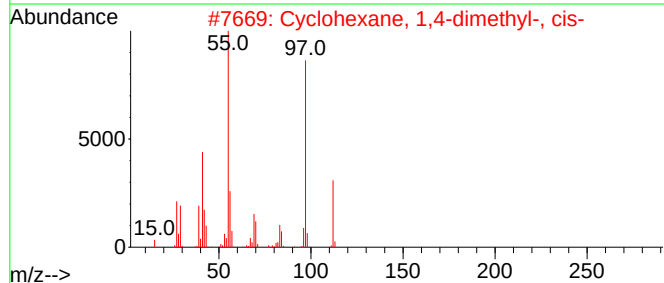
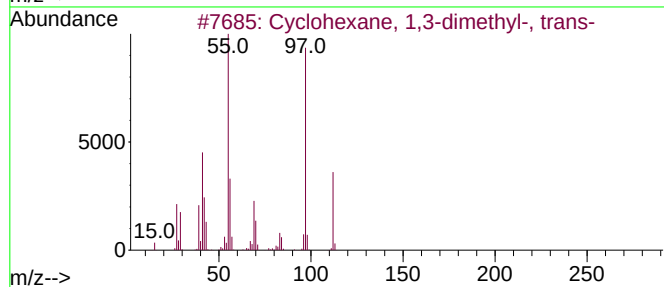
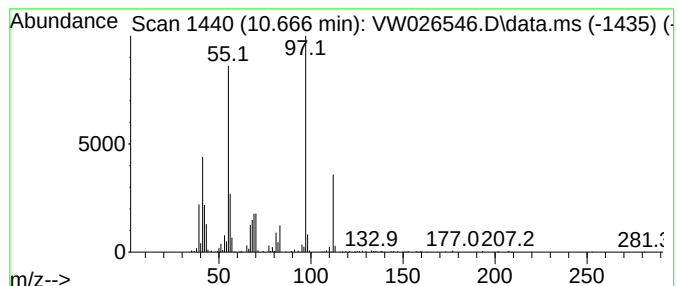
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic10.666 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.666	2.62 ug/L	221314	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-		112	C8H16	002207-03-6	91
2	Cyclohexane, 1,4-dimethyl-, cis-		112	C8H16	000624-29-3	91
3	Cyclohexane, 1,4-dimethyl-, trans-		112	C8H16	002207-04-7	91
4	Cyclohexane, 1,4-dimethyl-, cis-		112	C8H16	000624-29-3	91
5	Cyclohexane, 1,3-dimethyl-, cis-		112	C8H16	000638-04-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

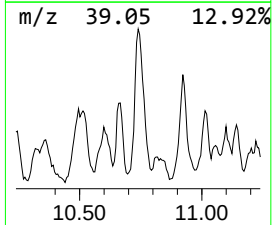
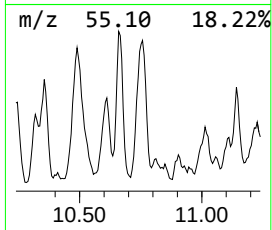
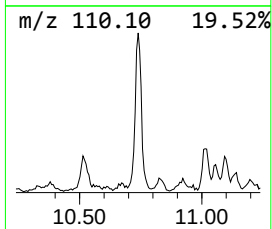
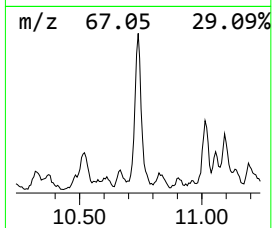
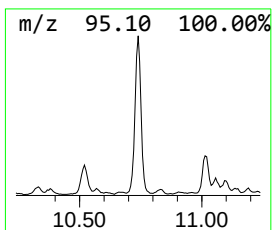
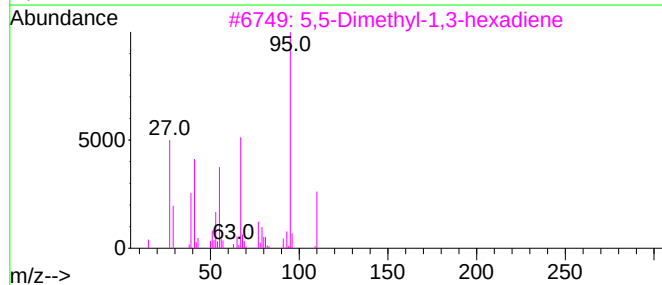
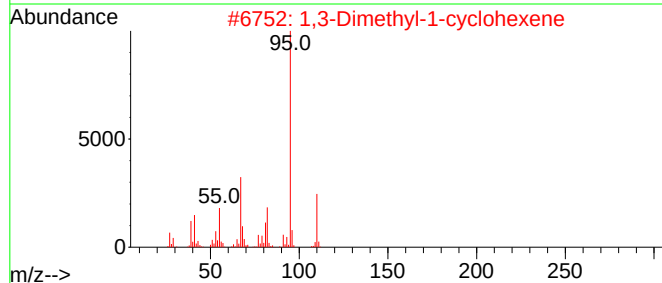
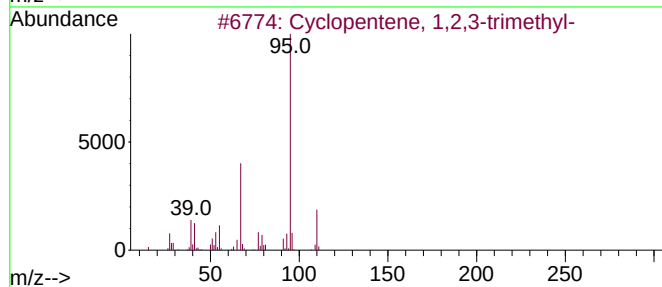
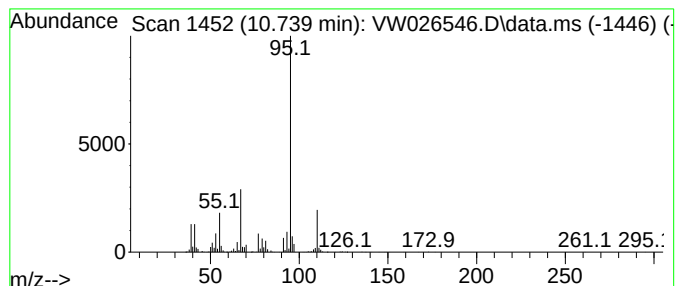
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Quant Title : SFAM01.0

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

Peak Number 21 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	7.07 ug/L	598103	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
3		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	90
4		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

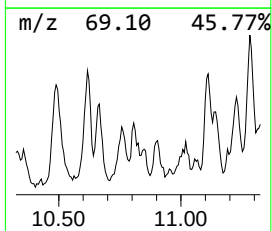
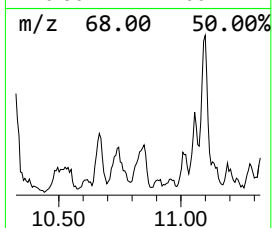
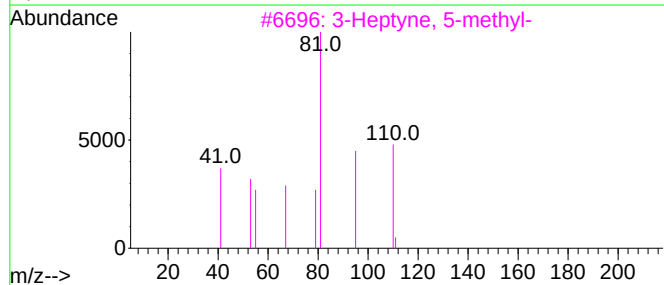
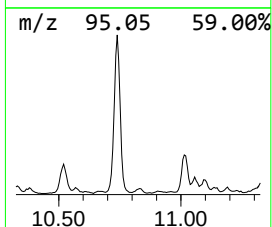
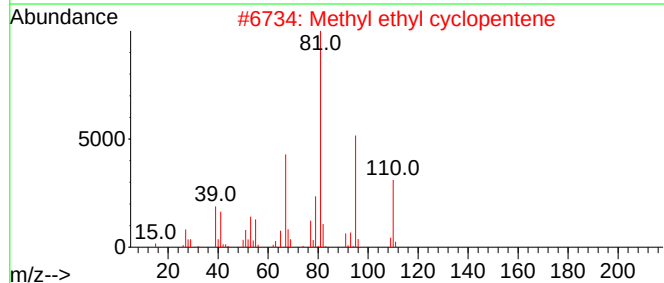
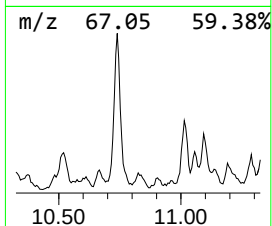
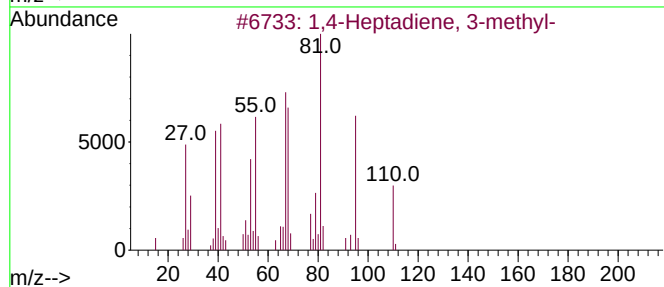
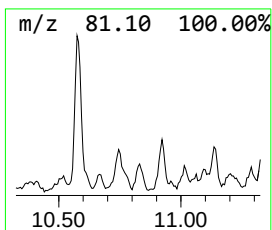
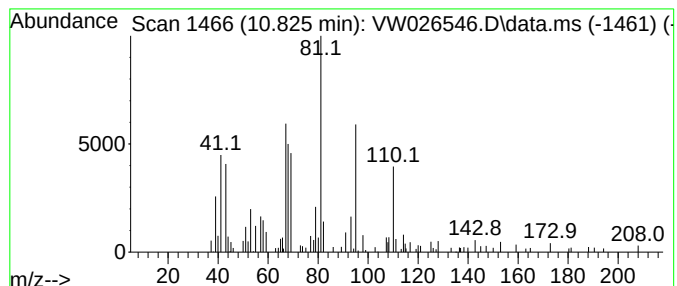
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Quant Title : SFAM01.0

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

Peak Number 22 1,4-Heptadiene, 3-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.825	1.26 ug/L	106647	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	90
2		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	58
3		3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	49
4		2-Cyclopenten-1-one, 3-ethyl-	110	C7H10O	005682-69-9	47
5		3-Octyne	110	C8H14	015232-76-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

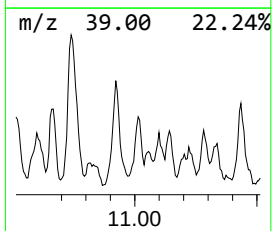
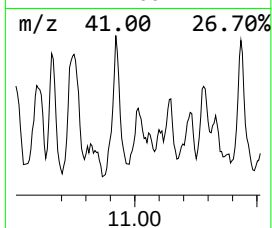
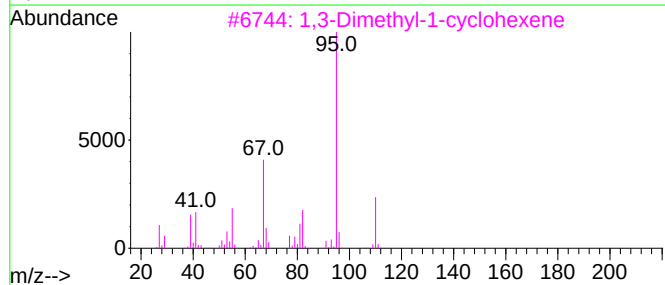
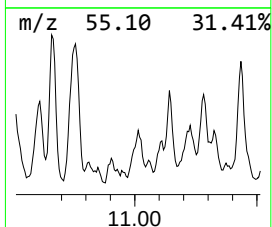
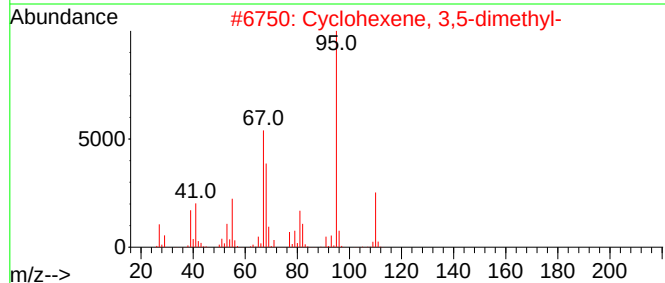
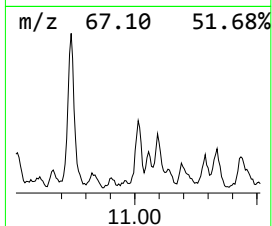
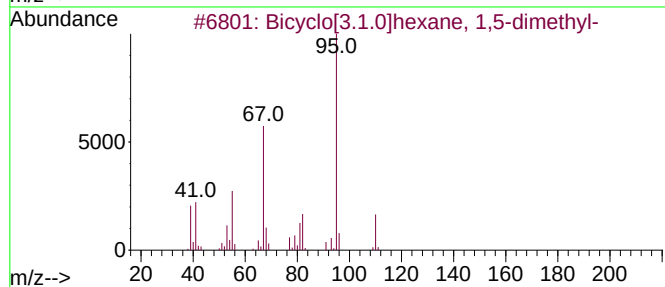
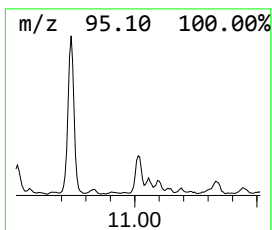
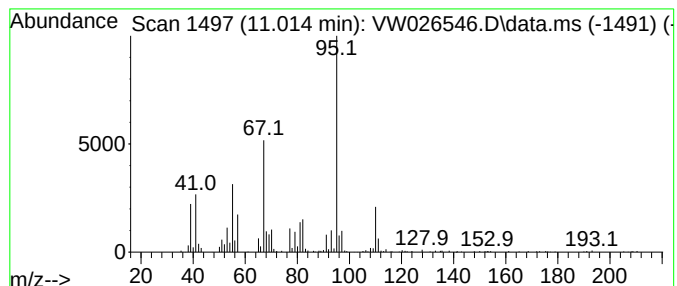
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Quant Title : SFAM01.0

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

Peak Number 23 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.014	2.45 ug/L	207212	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	94
2			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	90
3			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
4			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	87
5			Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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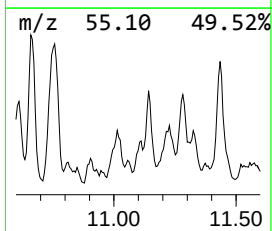
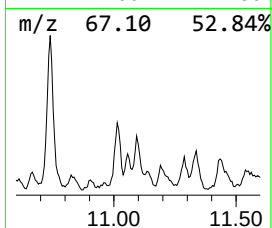
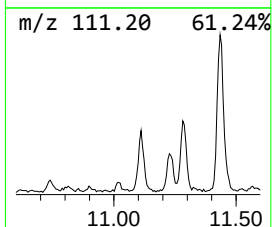
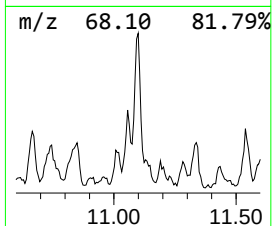
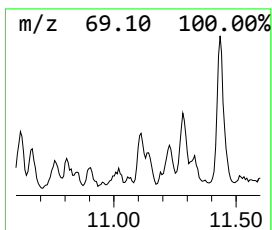
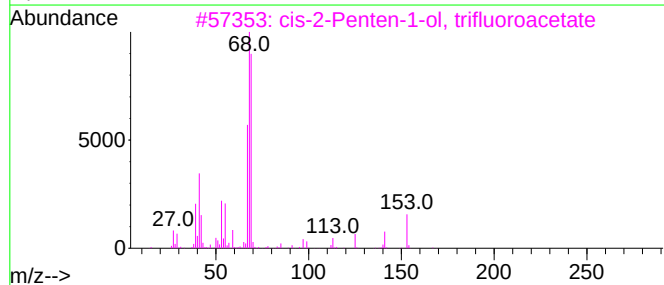
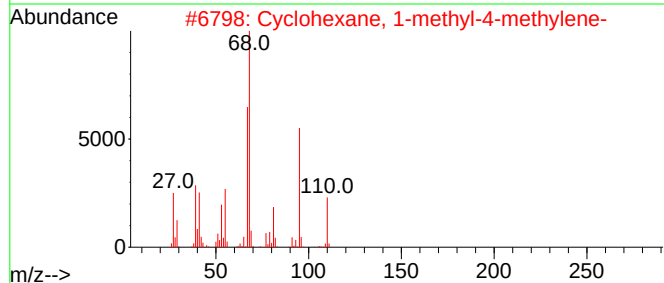
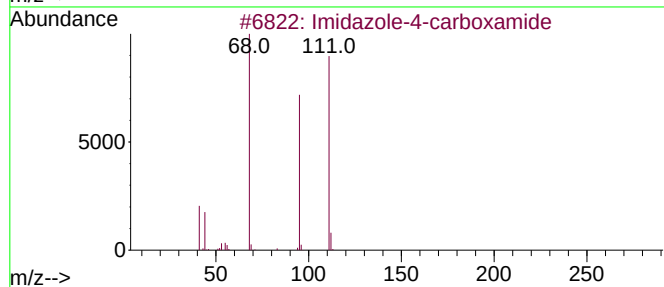
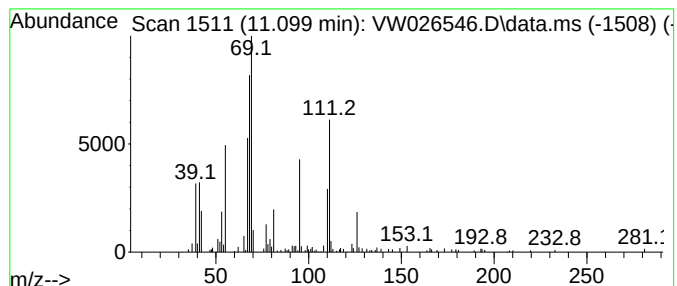
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Quant Title : SFAM01.0

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

Peak Number 24 unknown-02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.099	1.29 ug/L	109485	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Imidazole-4-carboxamide	111	C4H5N3O	026832-08-6	43
2		Cyclohexane, 1-methyl-4-methylene-	110	C8H14	002808-80-2	38
3		cis-2-Penten-1-ol, trifluoroacetate	182	C7H9F3O2	1000352-71-3	38
4		Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	35
5		1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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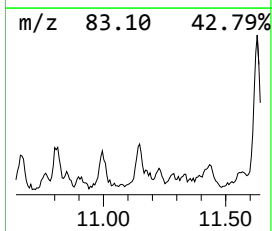
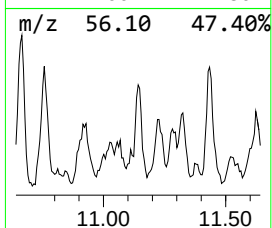
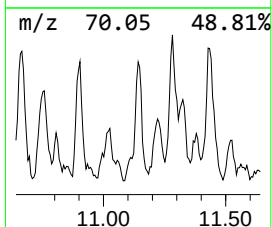
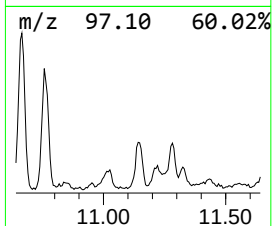
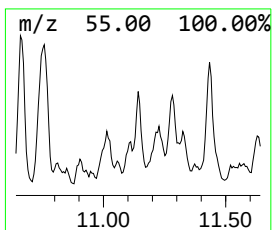
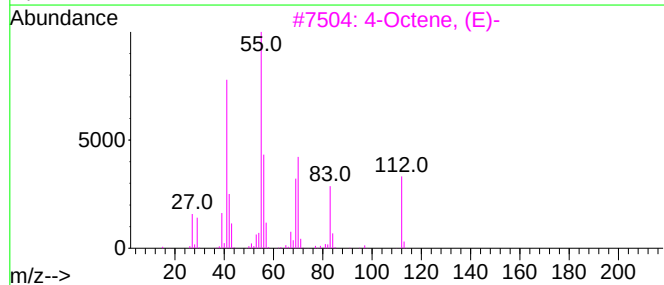
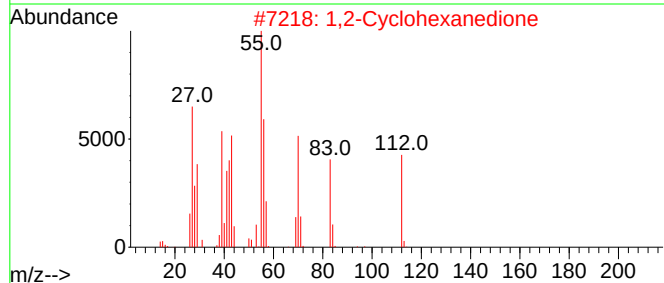
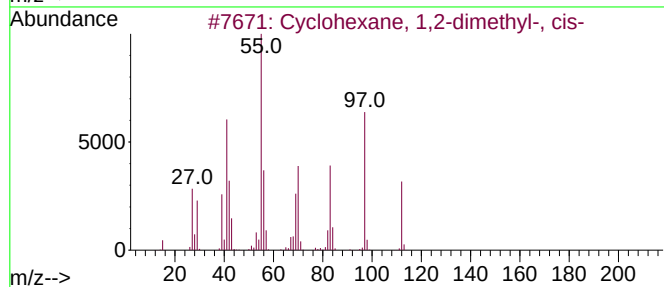
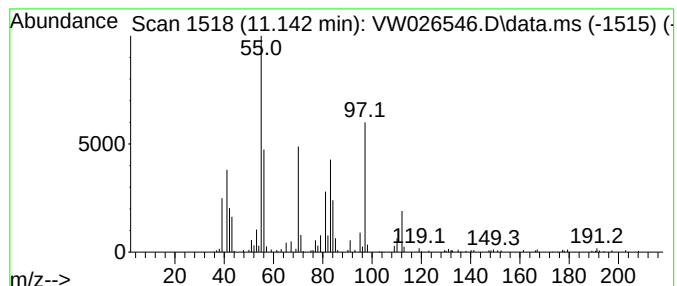
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic11.142 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.142	1.52 ug/L	128363	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	87
2			1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	58
3			4-Octene, (E)-	112	C8H16	014850-23-8	58
4			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	58
5			Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

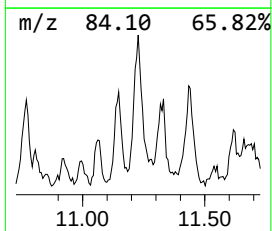
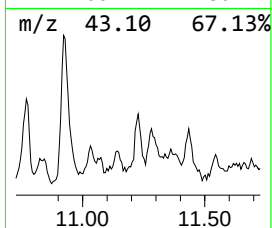
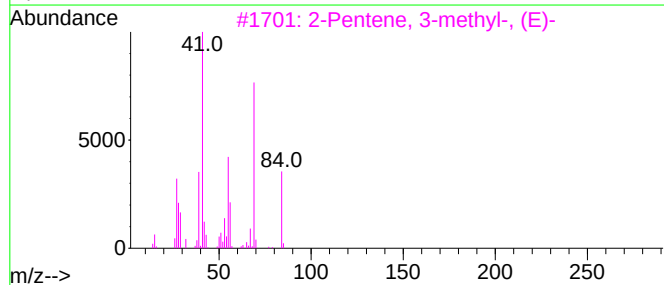
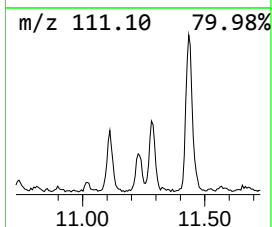
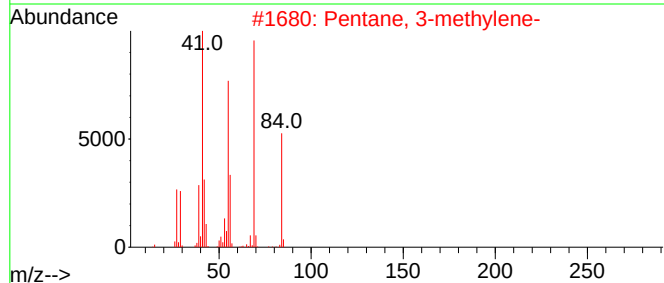
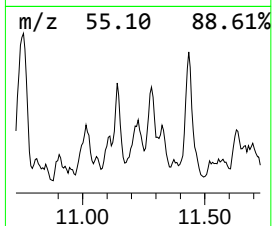
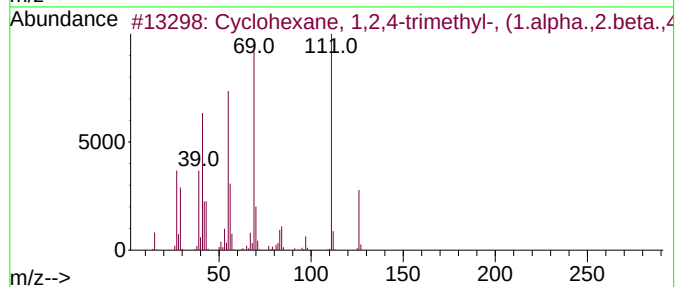
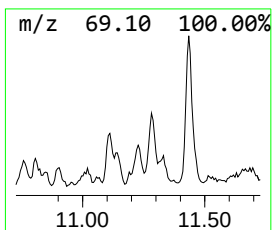
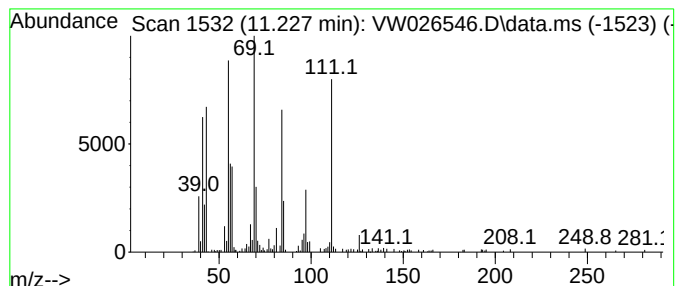
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic11.227 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	1.81 ug/L	153319	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	59
2			Pentane, 3-methylene-	84	C6H12	000760-21-4	47
3			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	46
4			Pentane, 3-methylene-	84	C6H12	000760-21-4	43
5			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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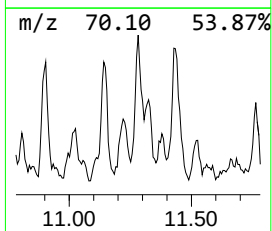
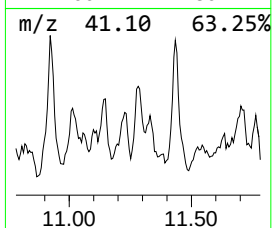
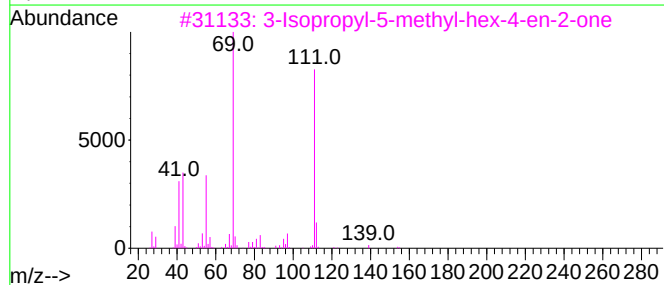
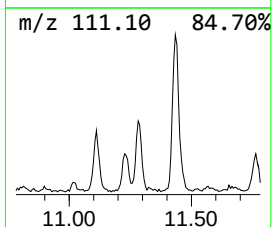
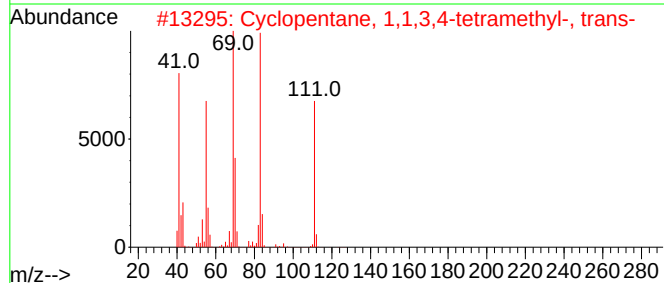
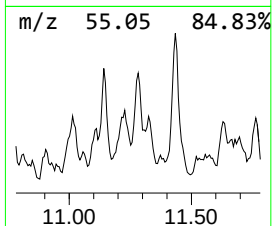
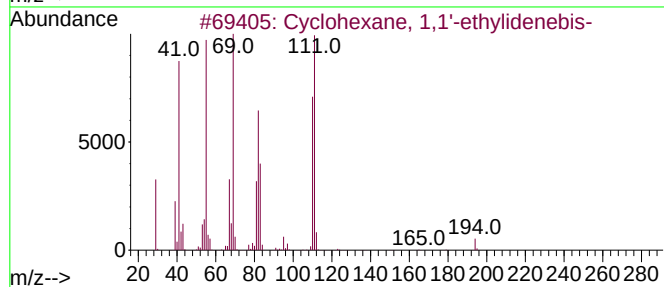
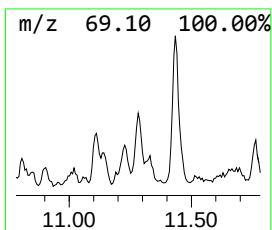
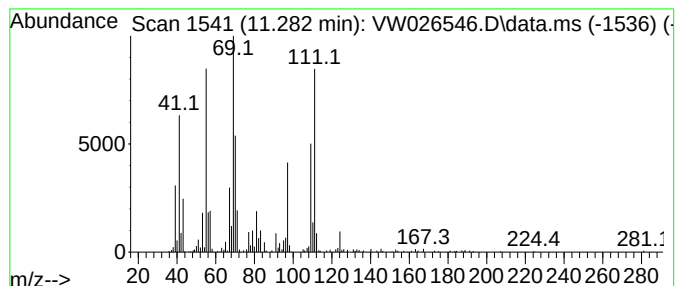
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	2.30 ug/L	194461	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	43
2			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	43
3			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	38
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
5			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

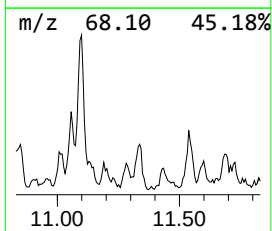
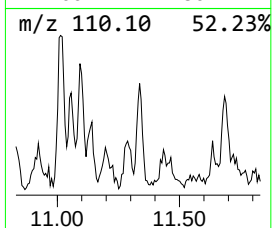
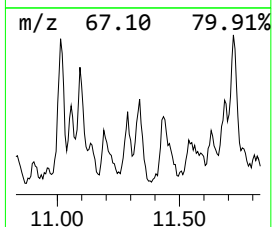
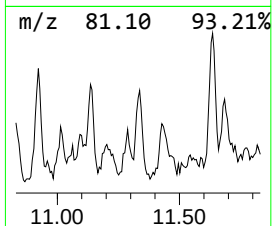
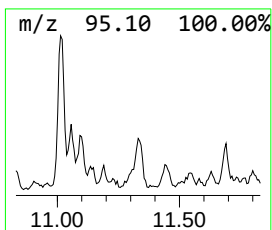
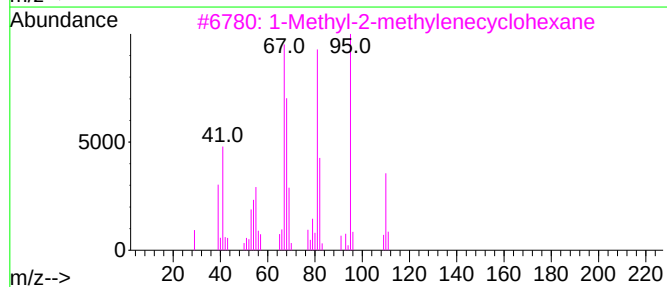
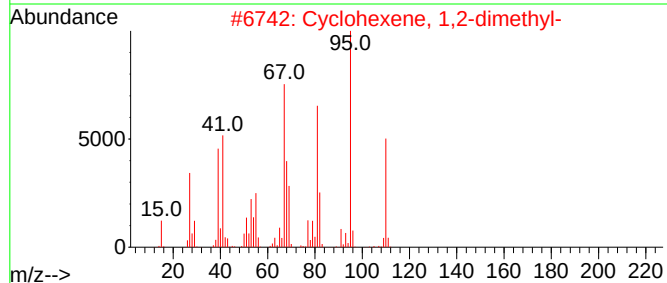
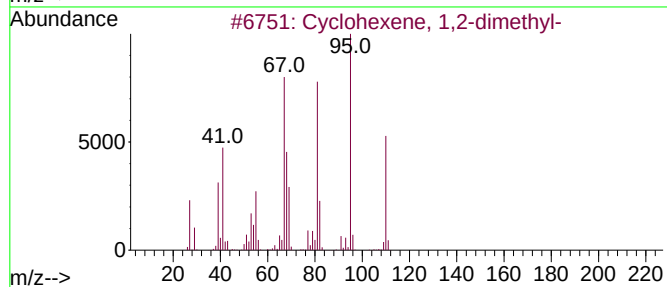
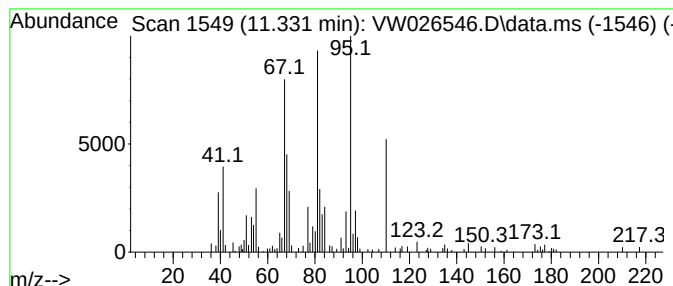
Instrument :
MSVOA_W
ClientSampleId :
A4724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 Cyclohexene, 1,2-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.331	1.27 ug/L	107159	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,2-dimethyl-		110	C8H14	001674-10-8	94
2	Cyclohexene, 1,2-dimethyl-		110	C8H14	001674-10-8	87
3	1-Methyl-2-methylenecyclohexane		110	C8H14	002808-75-5	72
4	Cyclohexene, 1,2-dimethyl-		110	C8H14	001674-10-8	70
5	Cyclohexene, 1,6-dimethyl-		110	C8H14	001759-64-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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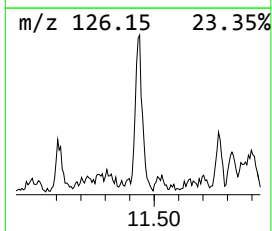
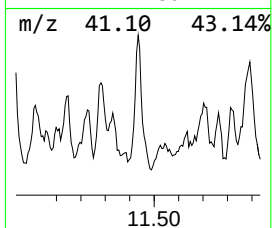
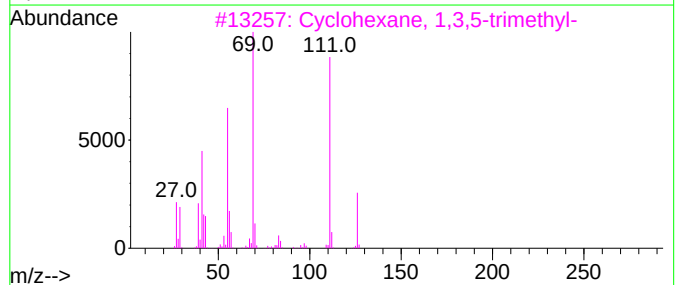
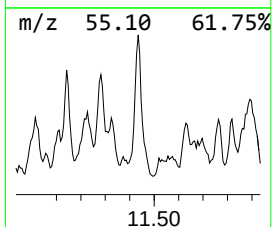
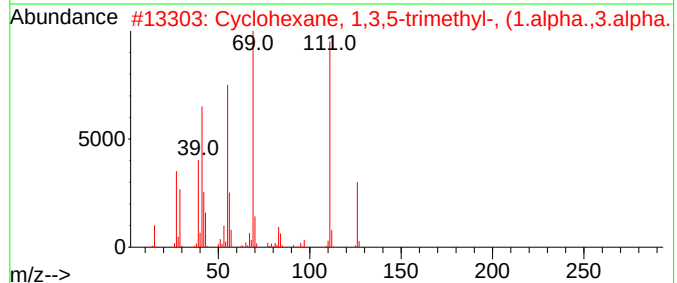
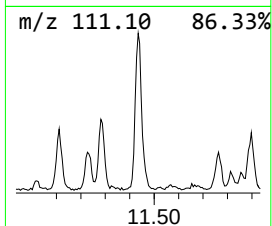
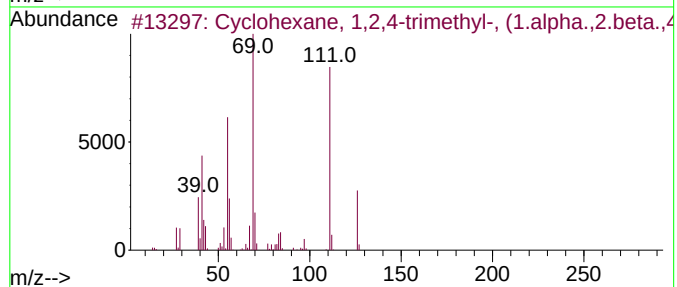
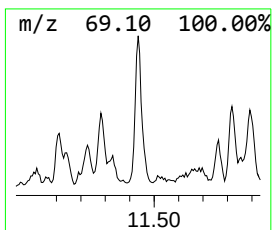
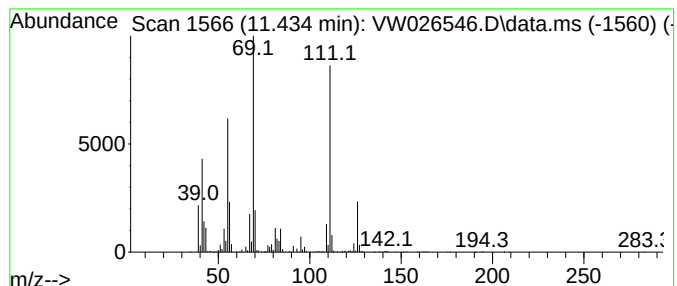
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic11.434 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	3.85 ug/L	325682	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

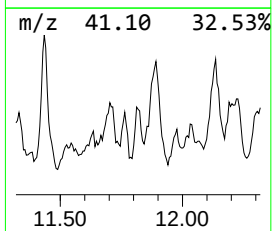
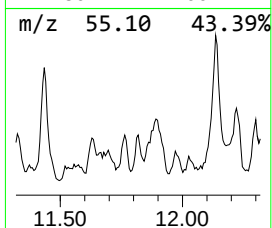
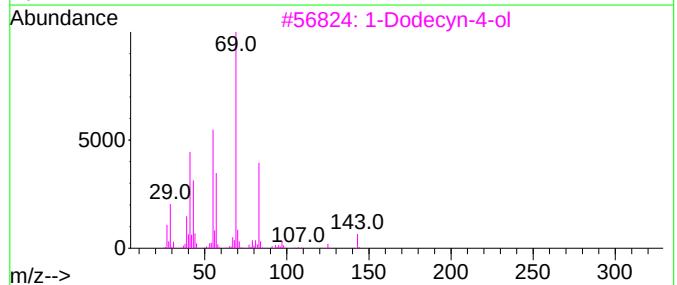
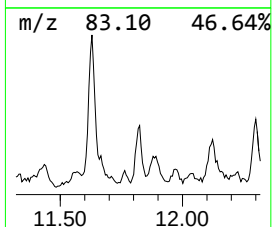
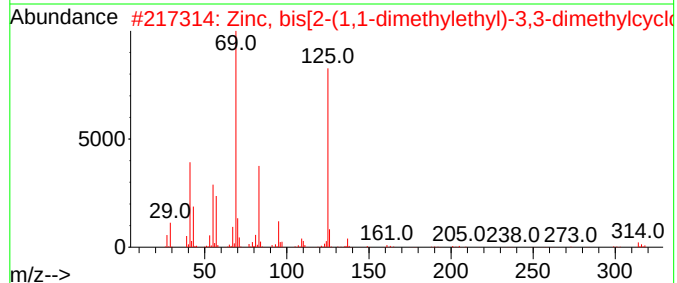
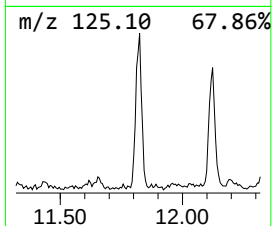
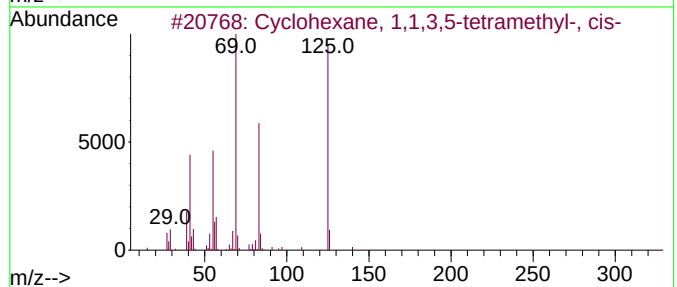
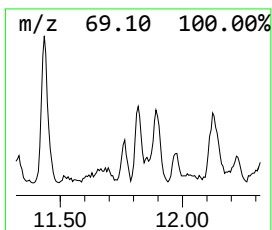
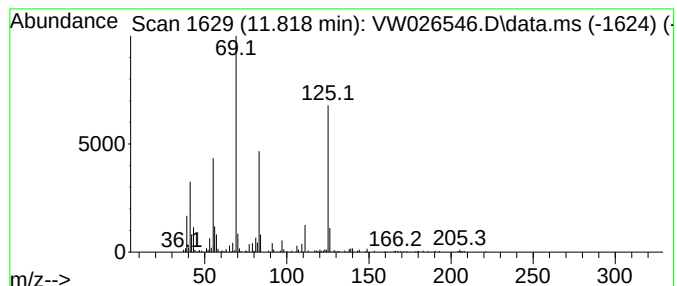
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic11.818 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.818	1.48 ug/L	125320	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	90
2			Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	72
3			1-Dodecyn-4-ol	182	C12H22O	074646-36-9	50
4			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-9	45
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

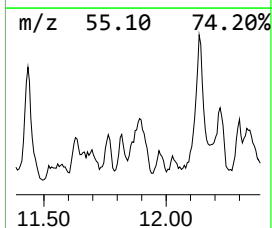
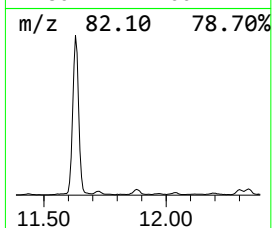
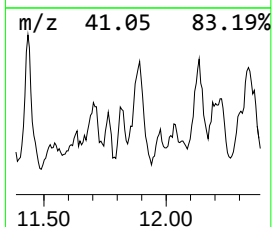
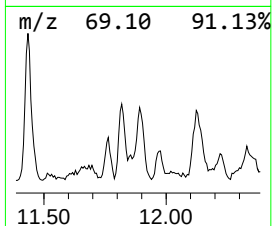
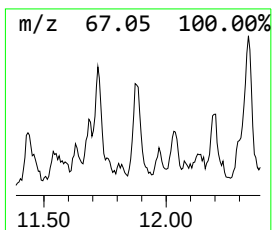
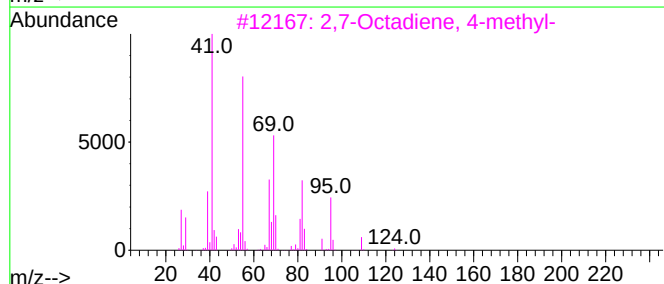
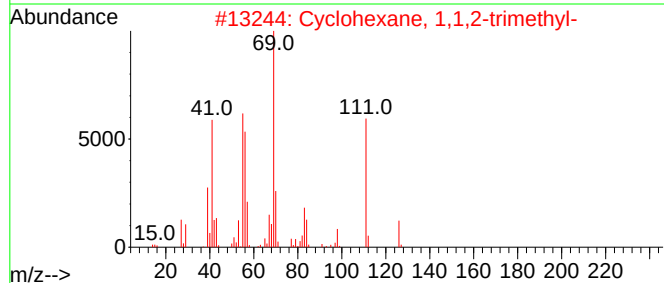
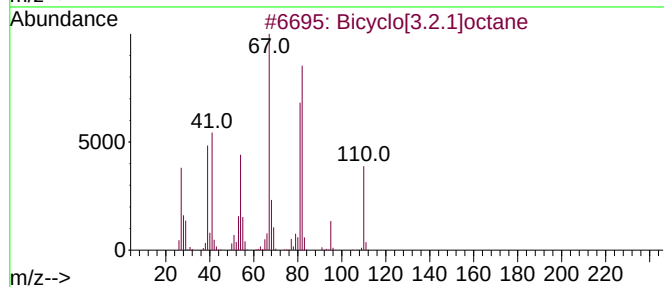
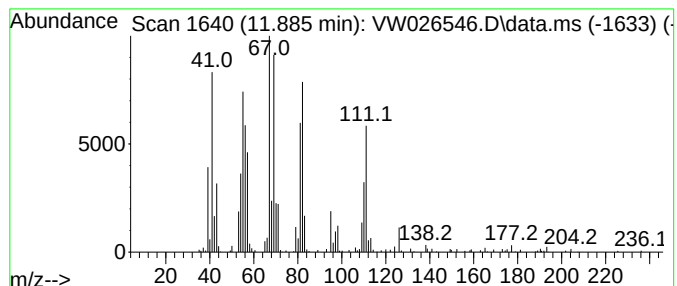
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MSVOA_W
ClientSampleId :
A4724

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Quant Title : SFAM01.0

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

Peak Number 31 Bicyclo[3.2.1]octane Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.885	3.88 ug/L	327846	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	86
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	46
4	Cyclooctene	110	C8H14	000931-88-4	43
5	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

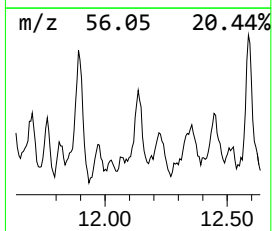
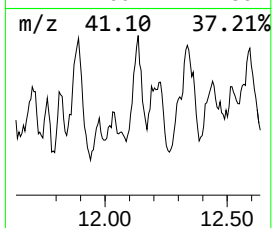
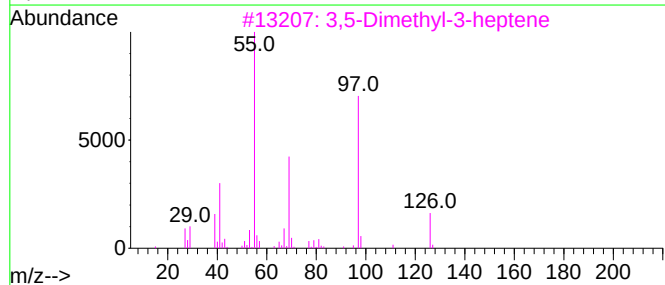
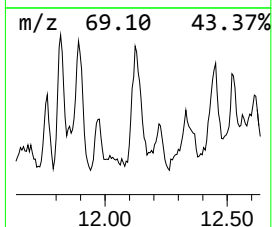
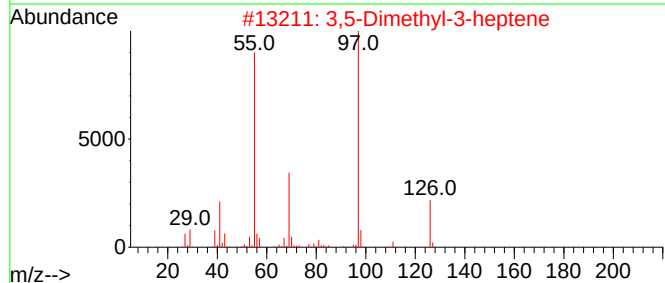
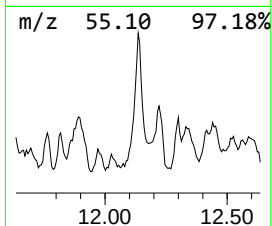
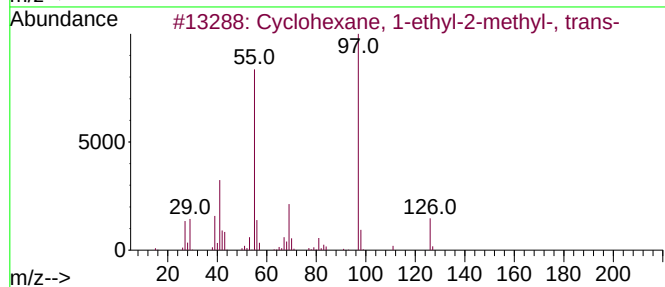
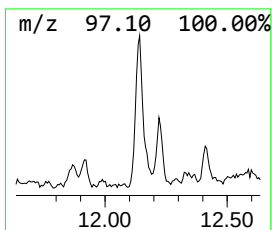
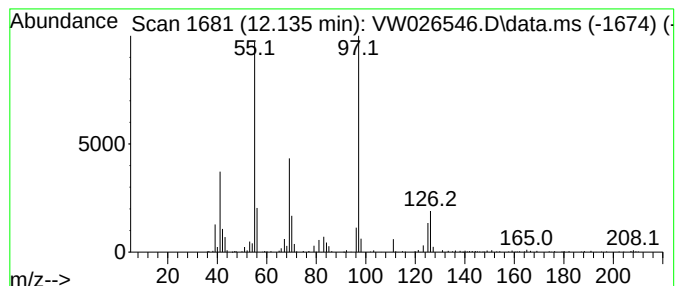
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Cyclic12.135 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	2.66 ug/L	225347	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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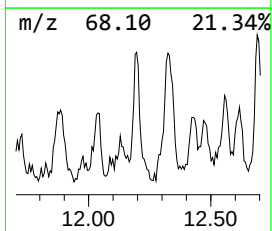
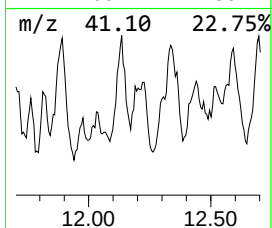
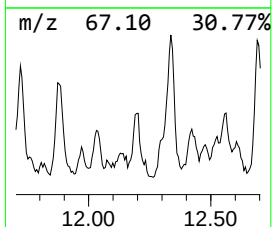
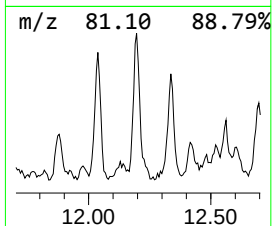
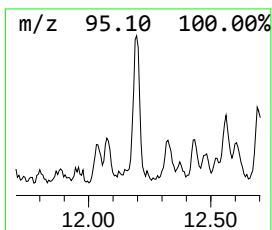
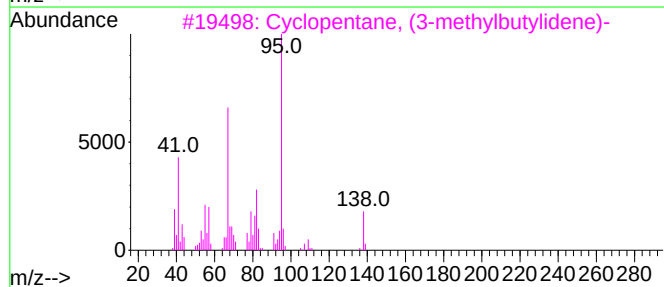
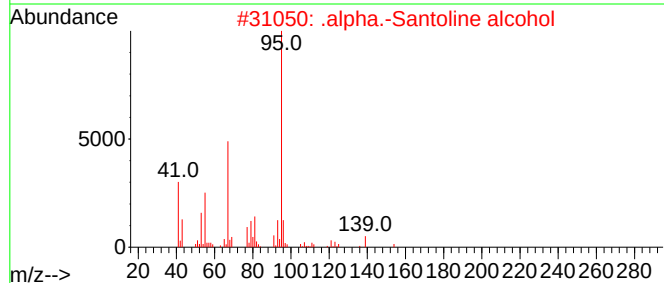
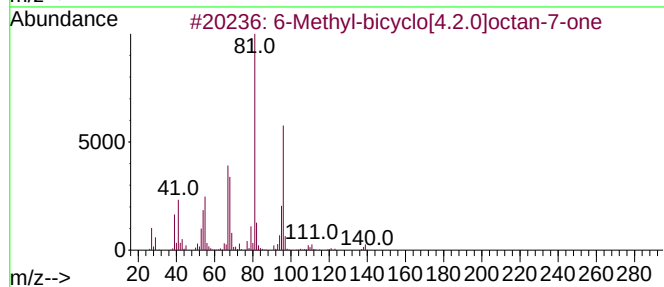
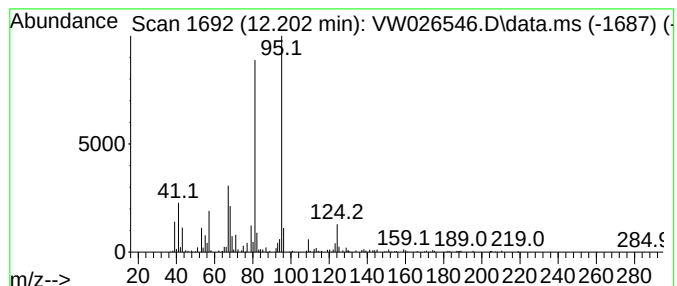
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Quant Title : SFAM01.0

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

Peak Number 33 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.202	3.60 ug/L	304321	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1010193-87-2	46
2		.alpha.-Santoline alcohol	154	C10H18O	090823-36-2	43
3		Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	43
4		Cyclopropanecarboxylic acid, 3-e...	168	C10H16O2	060066-50-4	38
5		Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

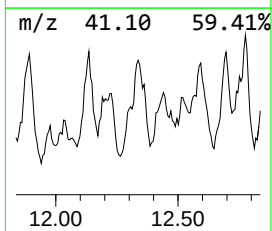
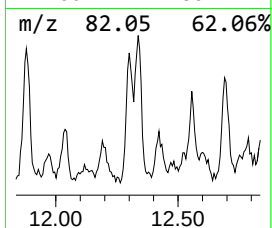
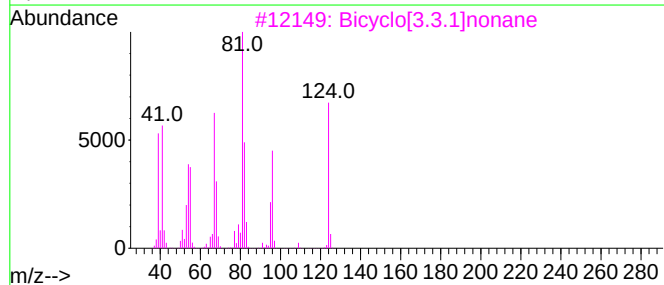
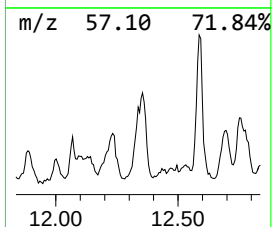
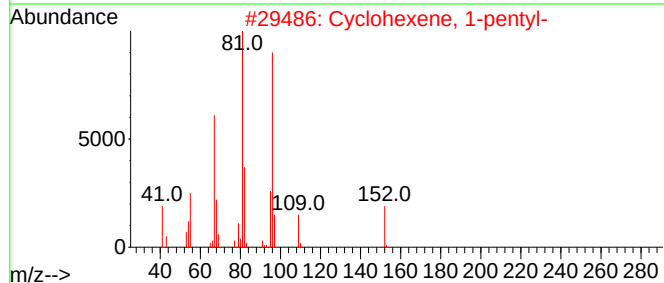
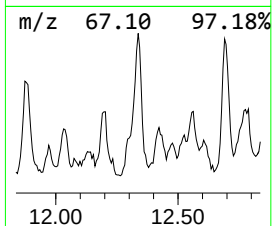
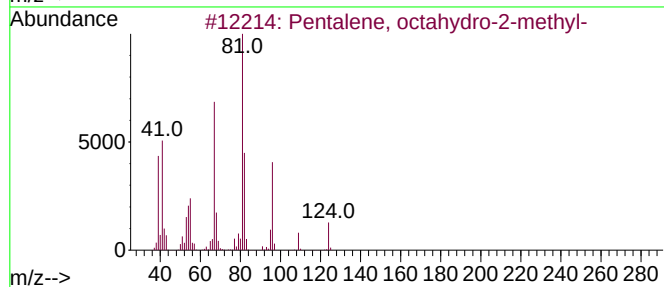
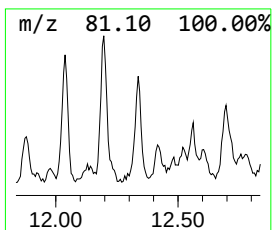
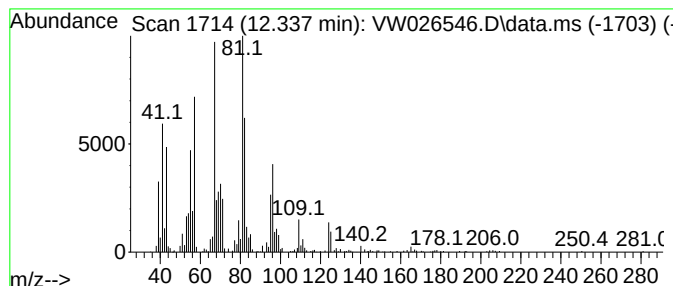
Instrument :
MSVOA_W
ClientSampleId :
A4724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 34 Pentalene, octahydro-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.337	4.97 ug/L	420301	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	91
2	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	68
3	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	64
4	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	58
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

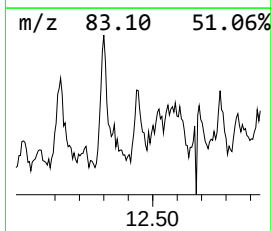
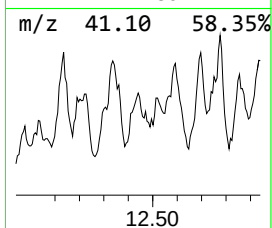
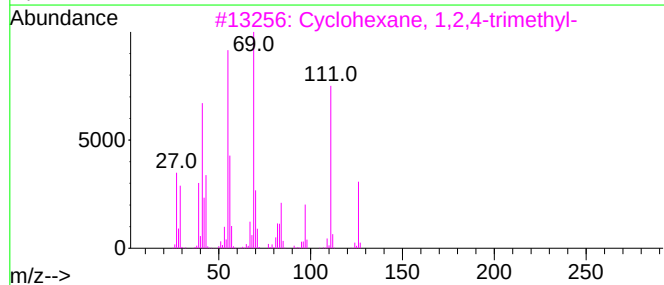
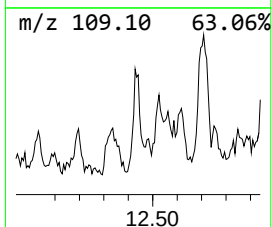
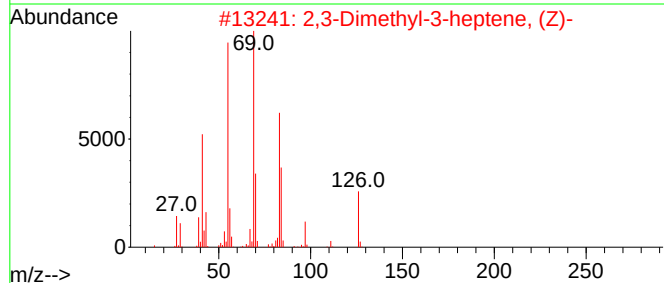
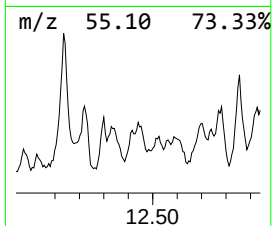
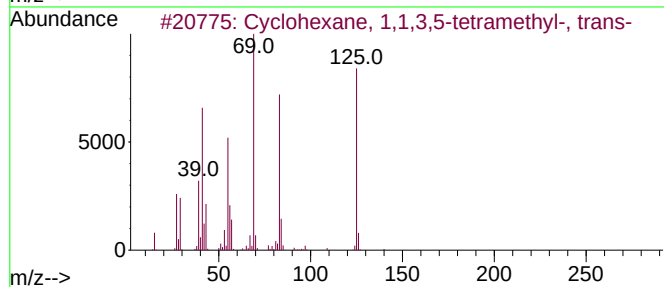
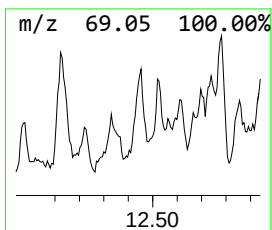
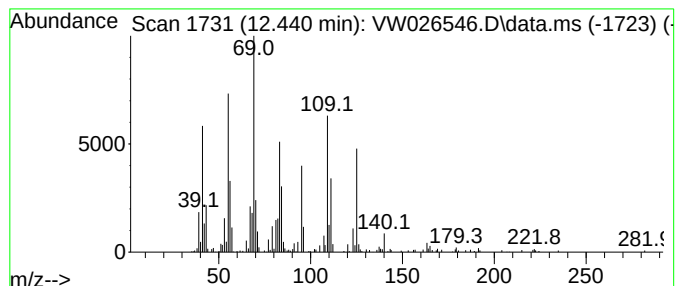
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Cyclic12.440 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.440	2.80 ug/L	236556	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
2			2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	35
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27
4			.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	27
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

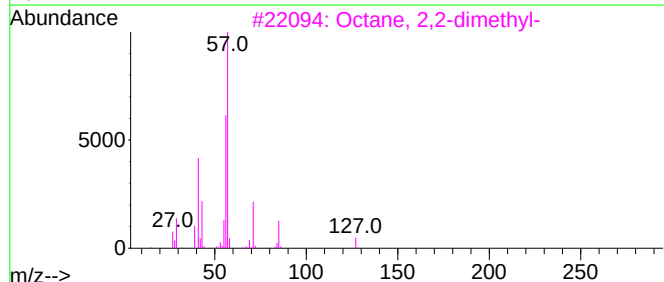
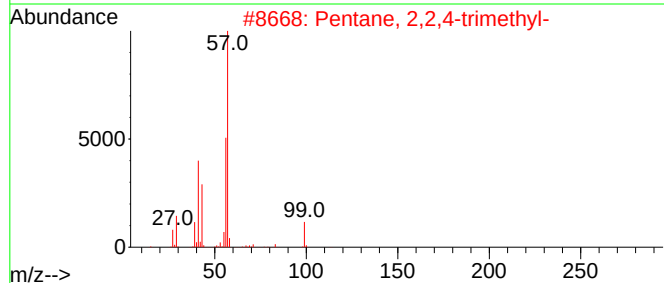
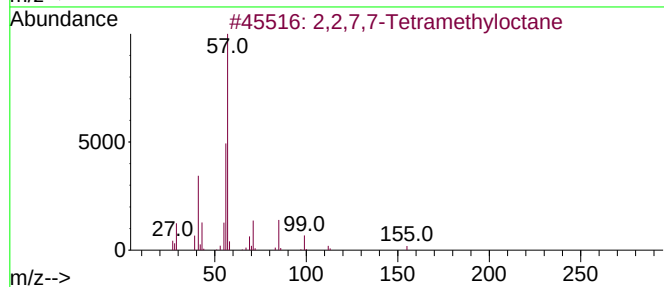
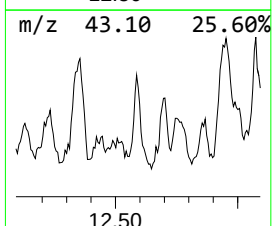
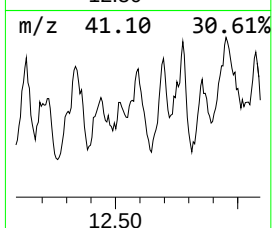
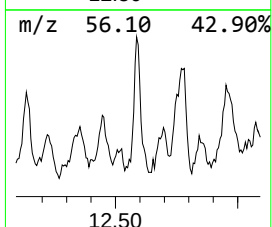
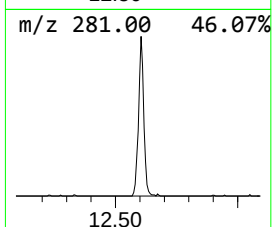
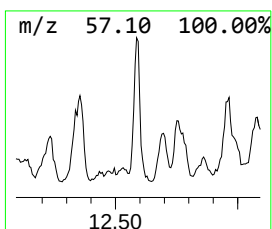
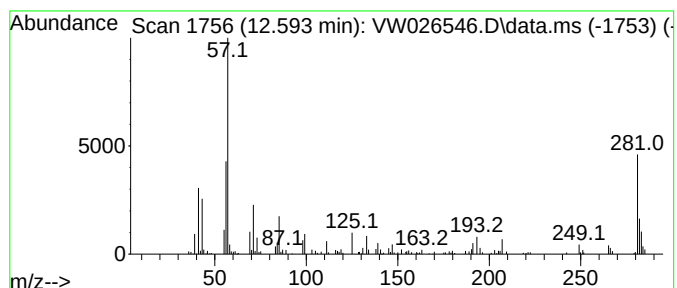
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.593	6.24 ug/L	244695	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	27
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	22
3		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	22
4		2,2-Dimethyleicosane	310	C22H46	1000360-43-4	16
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

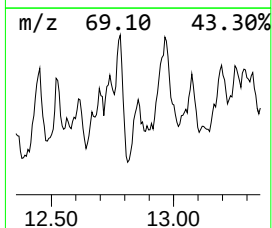
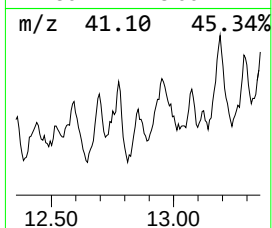
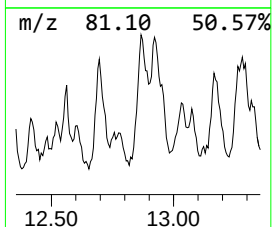
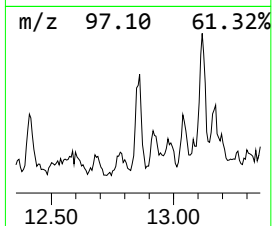
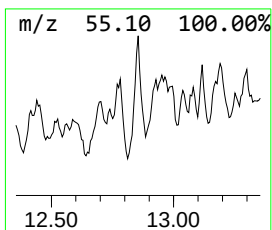
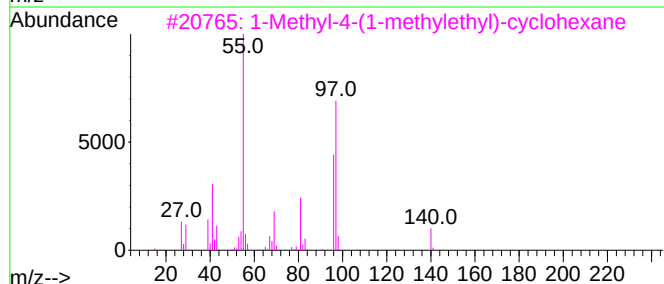
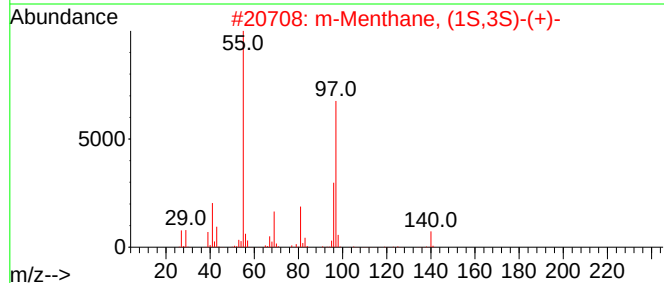
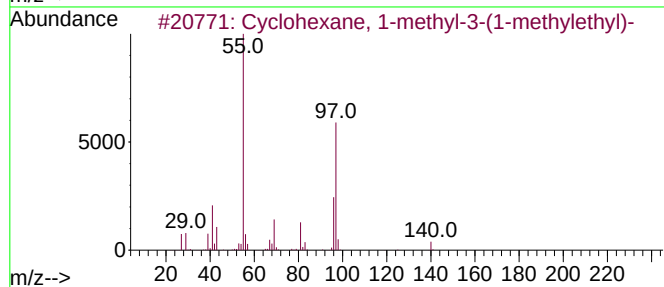
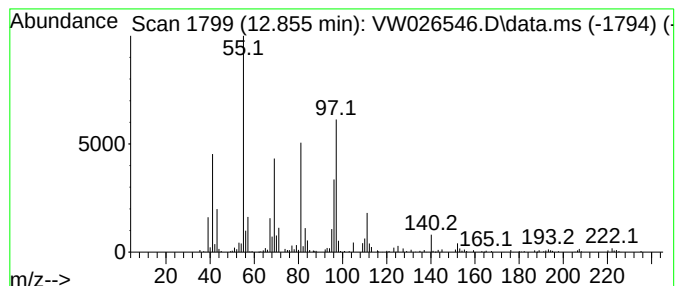
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Cyclic12.855 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	5.73 ug/L	224745	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	58
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	58
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	53
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

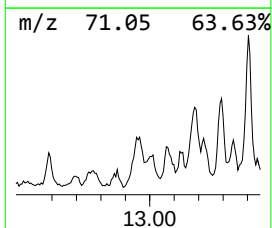
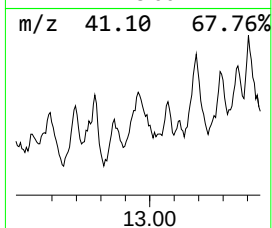
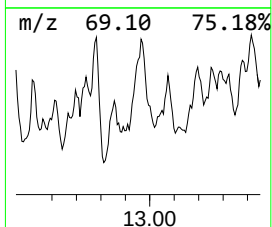
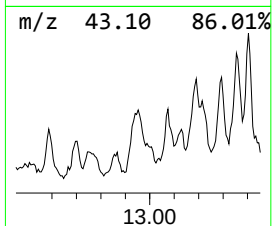
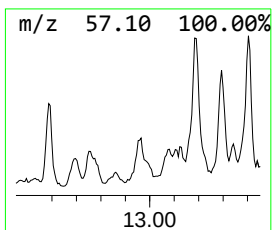
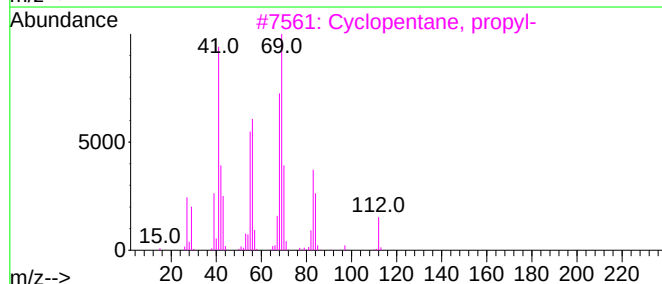
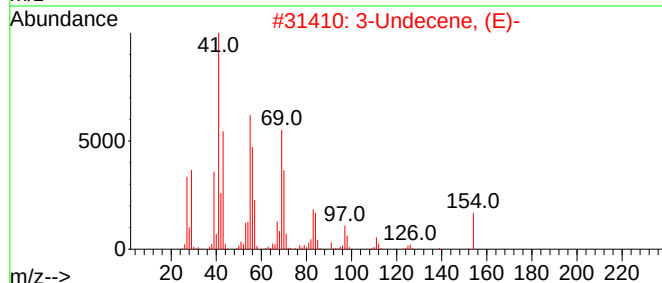
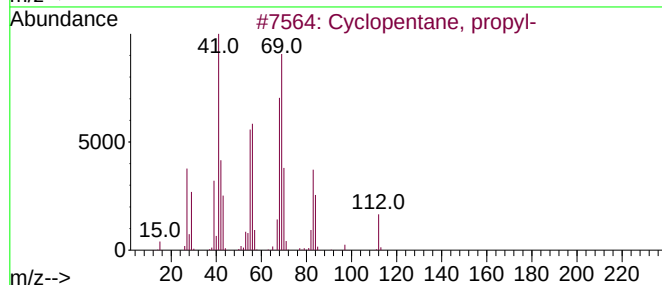
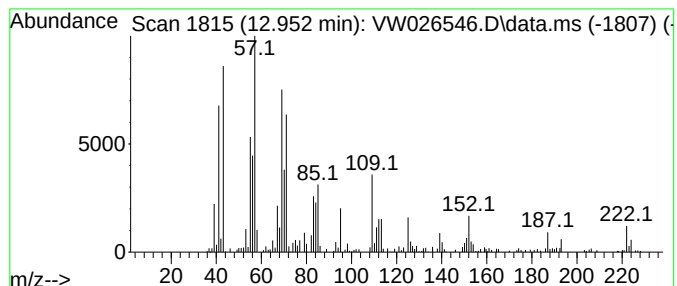
Instrument :
MSVOA_W
ClientSampleId :
A4724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Cyclic12.952 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.952	12.09 ug/L	474292	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-		112	C8H16	002040-96-2	53
2	3-Undecene, (E)-		154	C11H22	001002-68-2	53
3	Cyclopentane, propyl-		112	C8H16	002040-96-2	53
4	1-Octanesulfonyl chloride		212	C8H17ClO2S	007795-95-1	50
5	Cyclopropane, 1,2-dimethyl-1-pen...		140	C10H20	062238-04-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

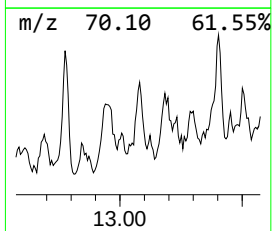
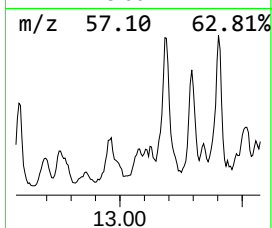
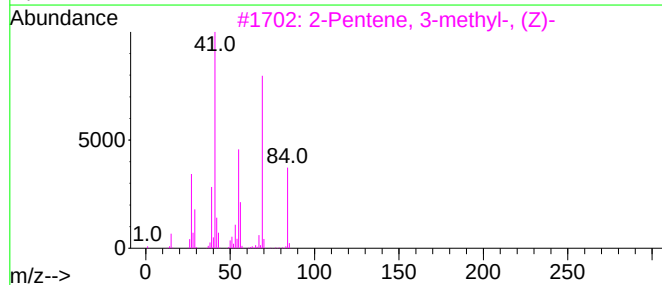
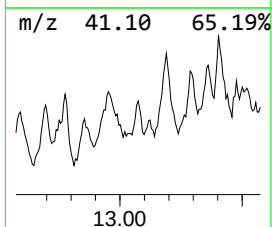
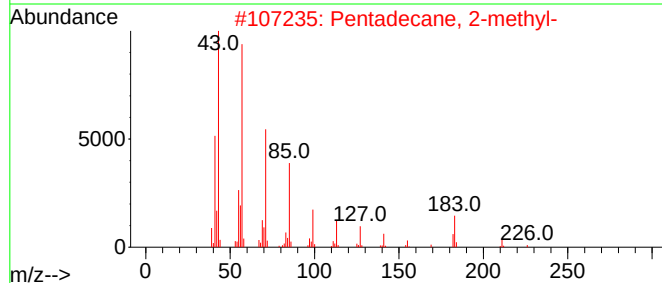
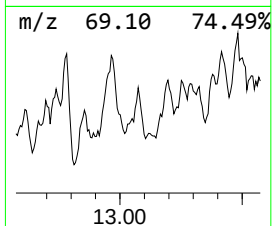
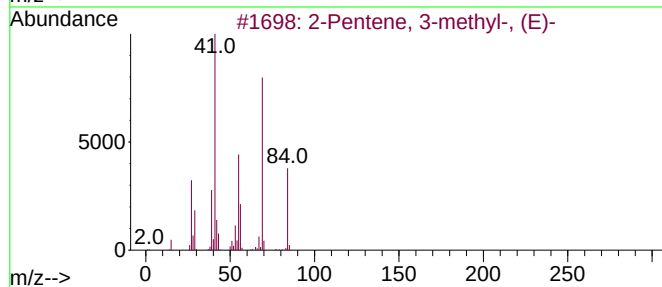
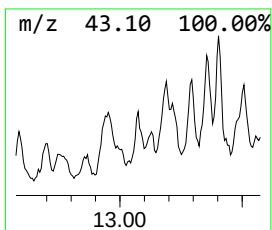
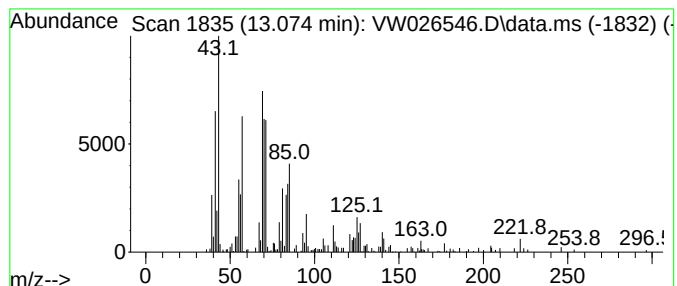
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	2.32 ug/L	91039	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30	
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	30	
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30	
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	30	
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

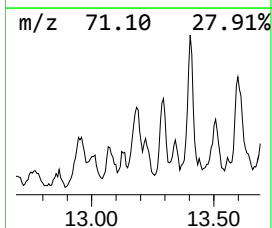
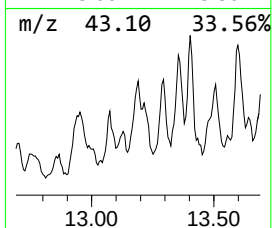
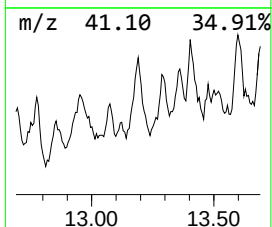
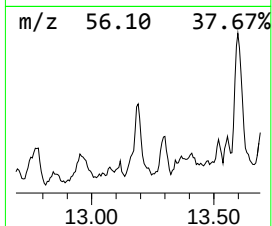
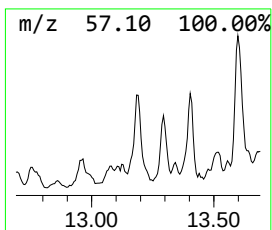
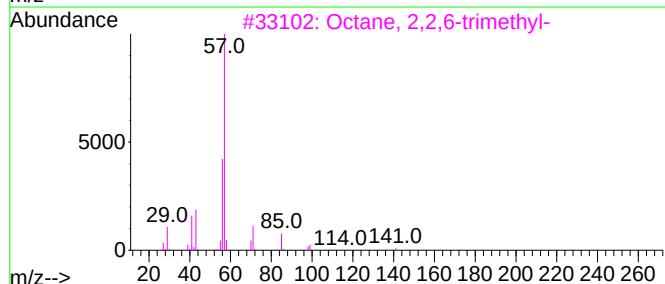
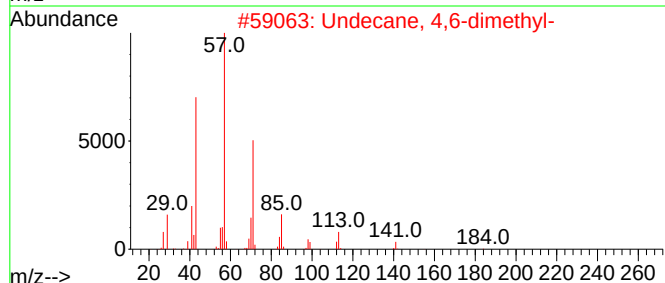
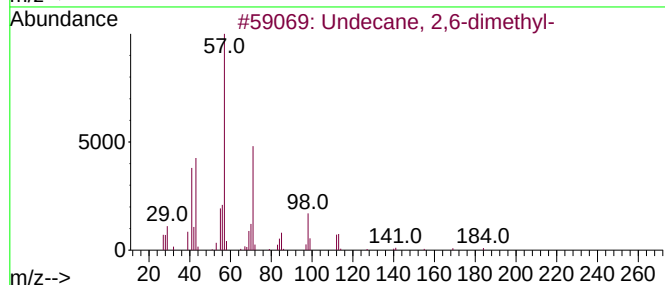
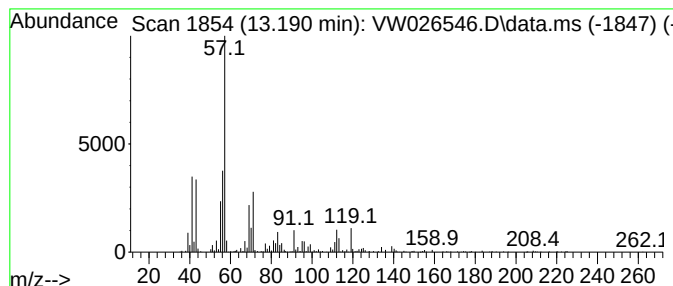
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	8.78 ug/L	344745	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
2			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	38
4			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	37
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

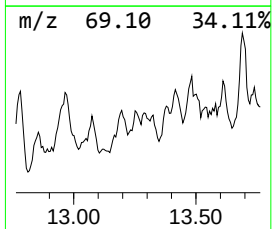
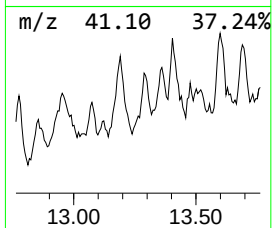
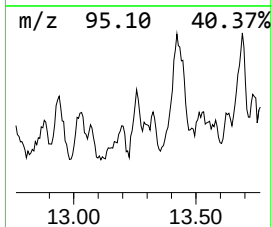
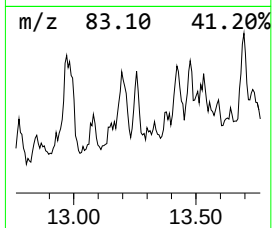
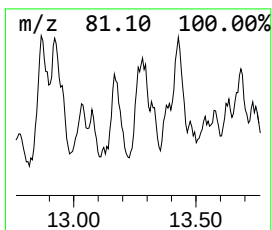
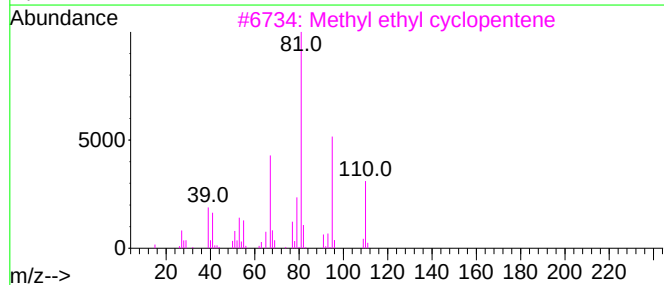
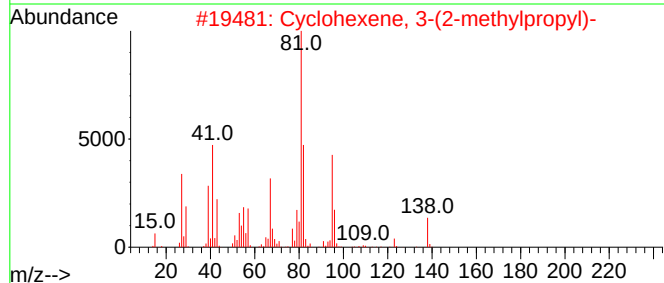
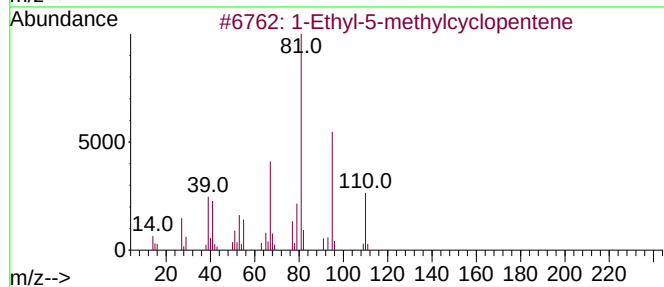
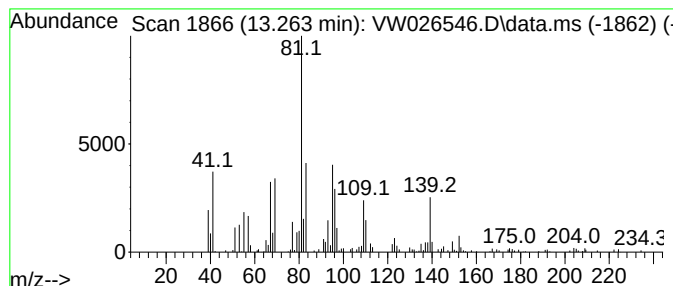
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Quant Title : SFAM01.0

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

Peak Number 41 unknown-05 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	1.31 ug/L	51485	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	49
2			Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	47
3			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	46
4			Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	46
5			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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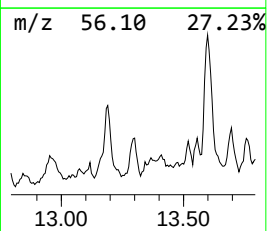
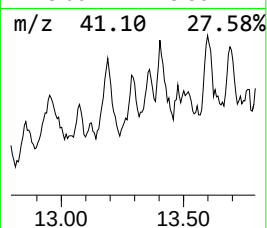
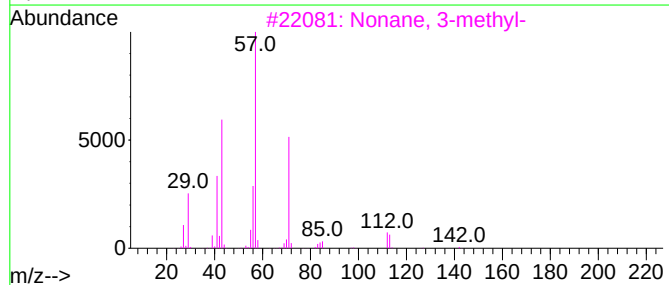
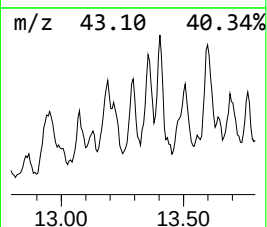
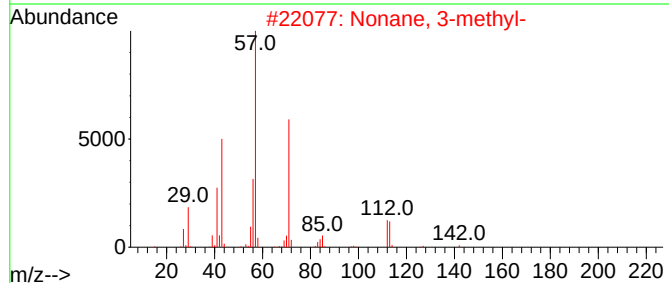
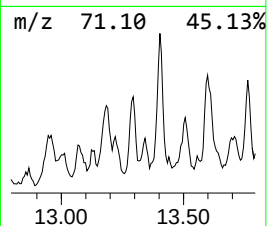
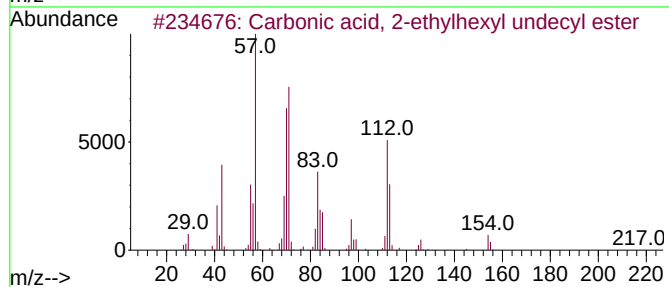
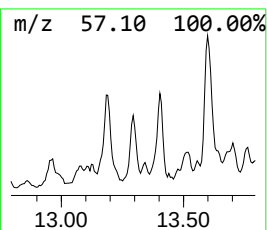
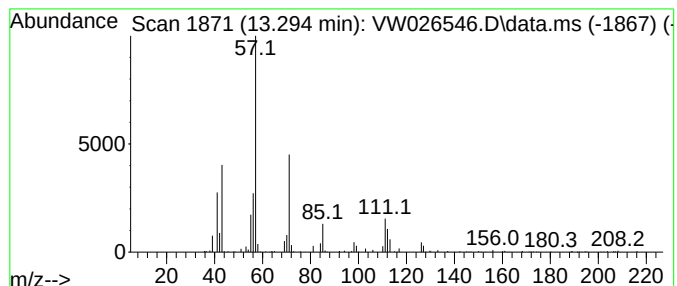
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Quant Title : SFAM01.0

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

Peak Number 42 Carbonic acid, 2-ethylhexyl... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.294	3.19 ug/L	125379	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	64
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

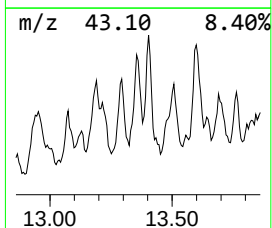
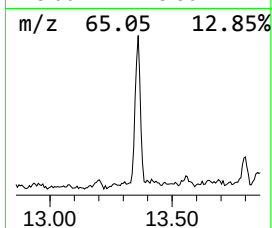
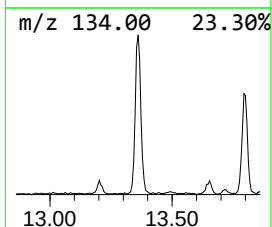
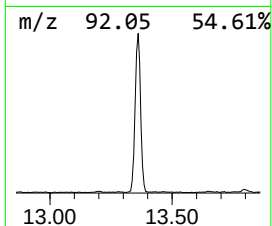
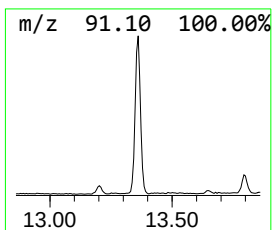
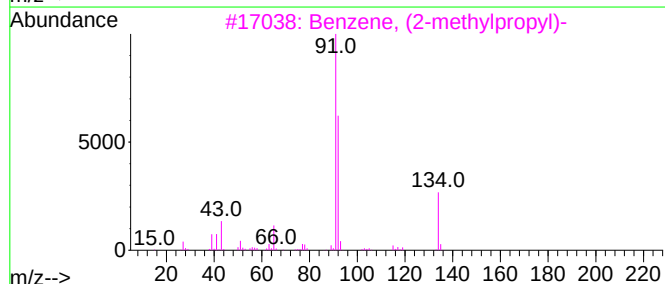
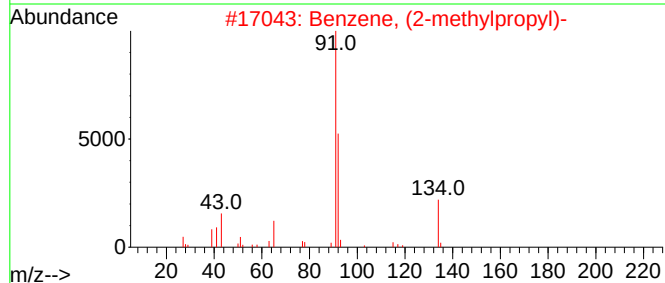
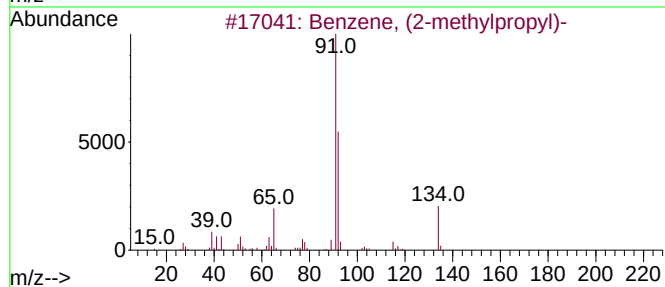
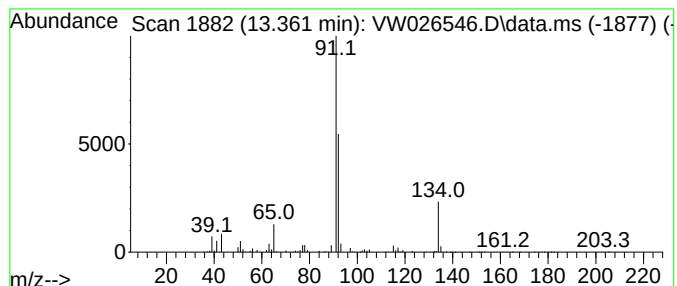
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Quant Title : SFAM01.0

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

Peak Number 43 Benzene, (2-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.361	12.10 ug/L	474828	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
3			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
4			Benzene, n-butyl-	134	C10H14	000104-51-8	86
5			Benzene, n-butyl-	134	C10H14	000104-51-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

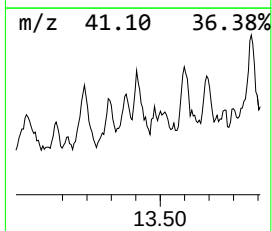
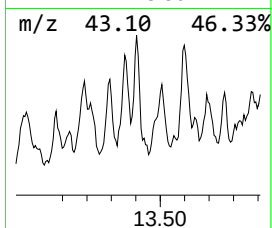
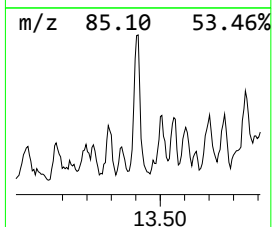
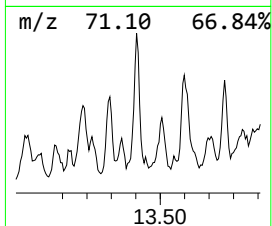
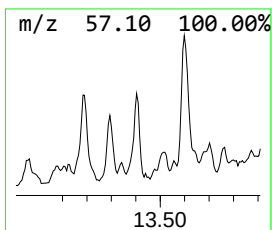
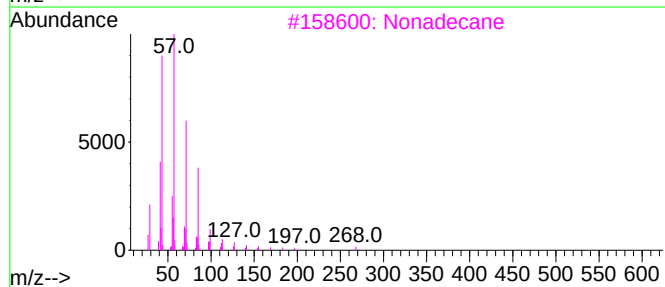
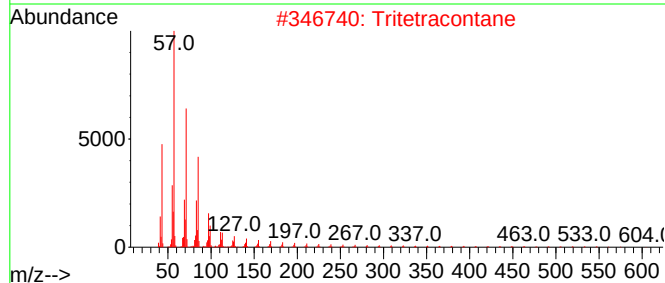
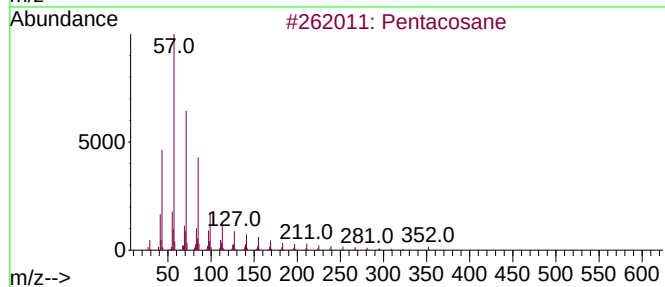
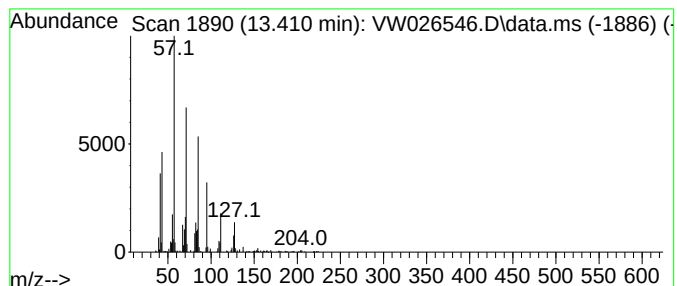
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	7.14 ug/L	280392	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacosane	352	C25H52	000629-99-2	59
2		Tritetracontane	605	C43H88	007098-21-7	53
3		Nonadecane	268	C19H40	000629-92-5	53
4		Dodecane	170	C12H26	000112-40-3	50
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

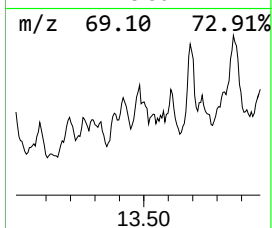
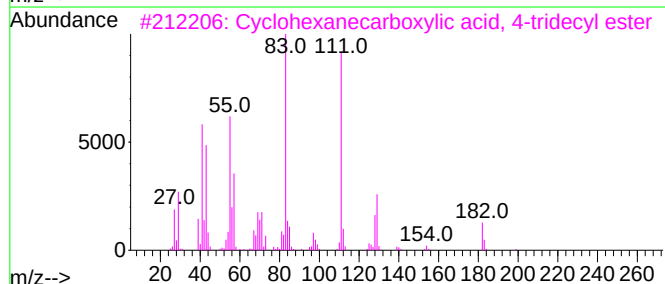
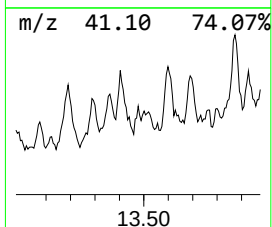
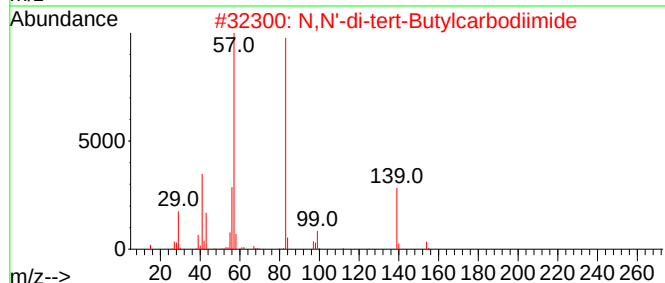
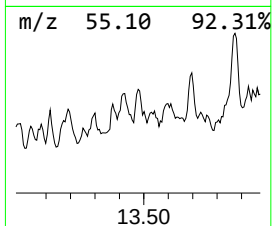
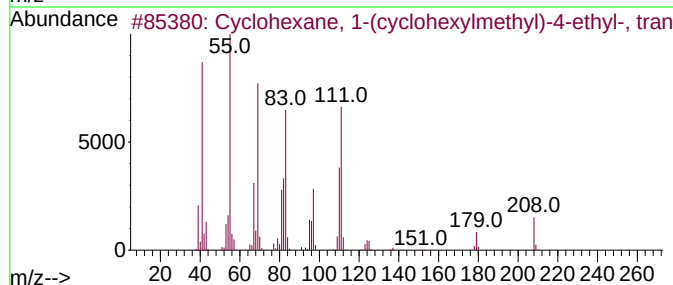
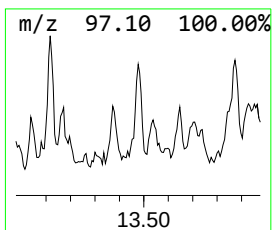
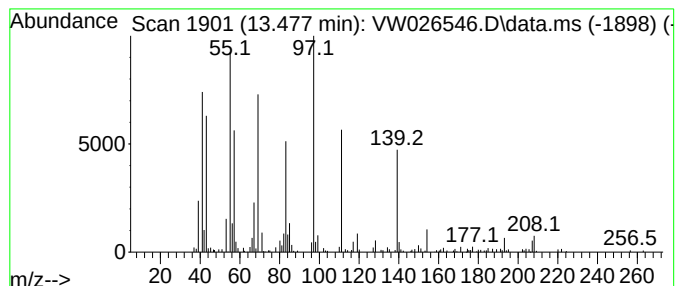
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Quant Title : SFAM01.0

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

Peak Number 45 unknown-06 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	1.70 ug/L	66658	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-94-0	46
2			N,N'-di-tert-Butylcarbodiimide	154	C9H18N2	000691-24-7	22
3			Cyclohexanecarboxylic acid, 4-tr...	310	C20H38O2	1000280-59-5	22
4			Oxalic acid, 1-menthyl pentadecy...	438	C27H50O4	1000314-98-2	22
5			Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1010282-56-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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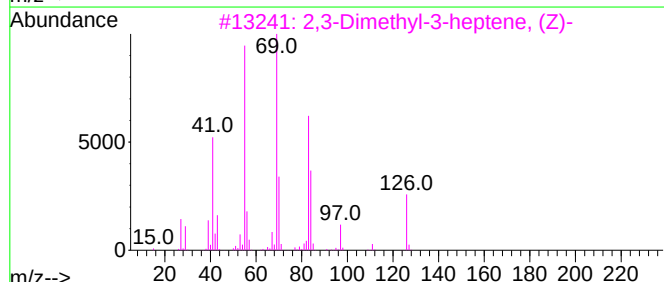
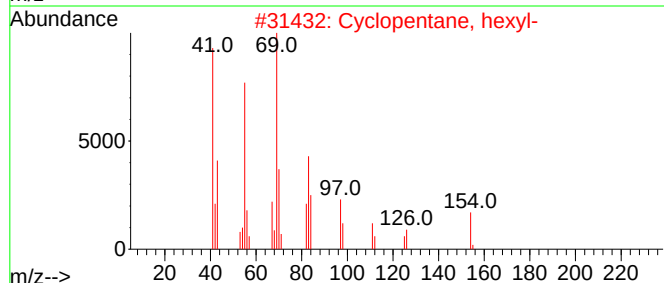
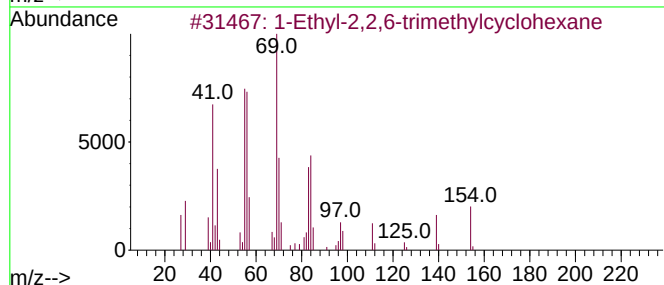
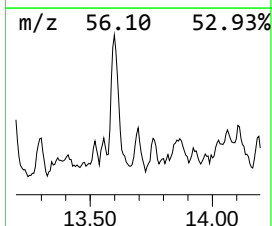
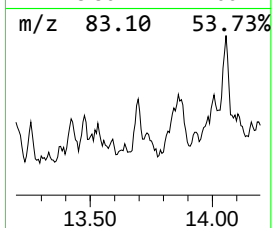
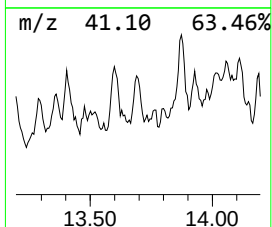
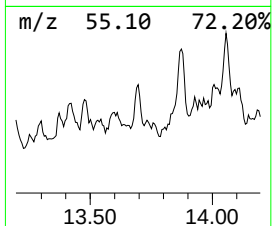
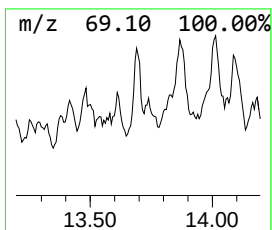
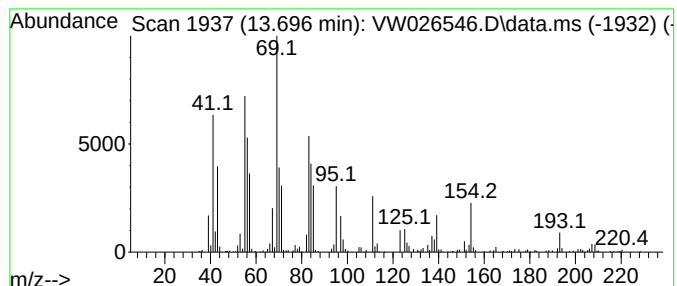
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Cyclic13.696 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	4.58 ug/L	179774	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
2			Cyclopentane, hexyl-	154	C11H22	004457-00-5	52
3			2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	50
4			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

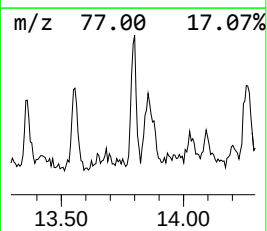
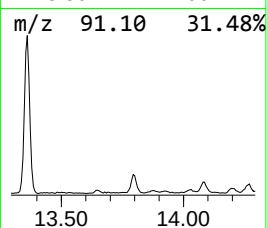
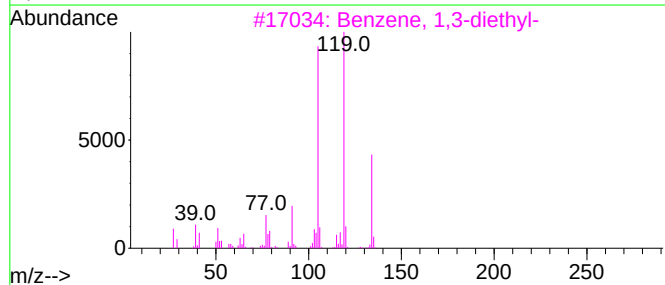
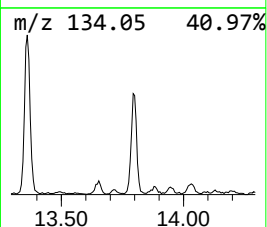
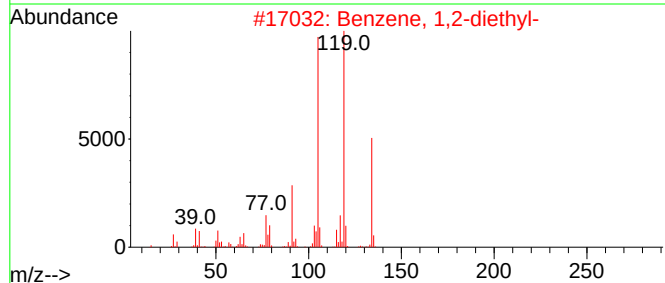
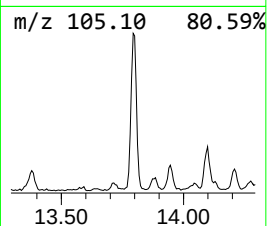
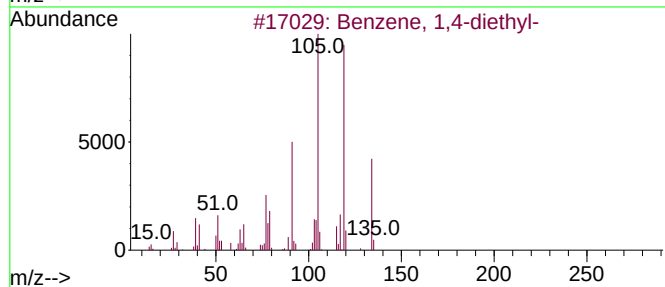
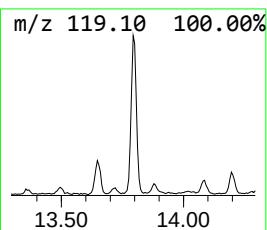
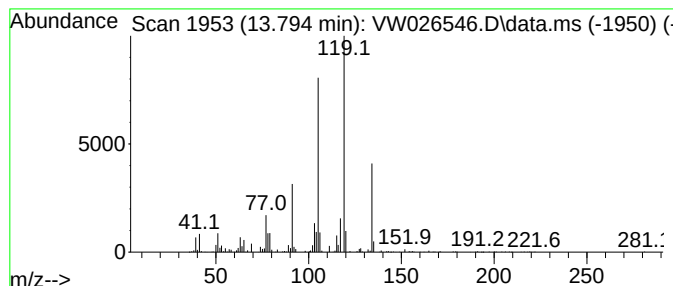
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Quant Title : SFAM01.0

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

Peak Number 47 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.794	5.67 ug/L	222436	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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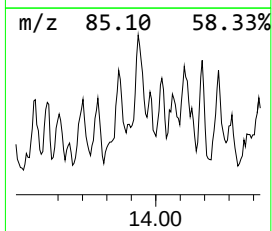
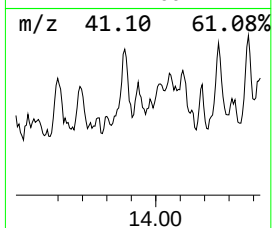
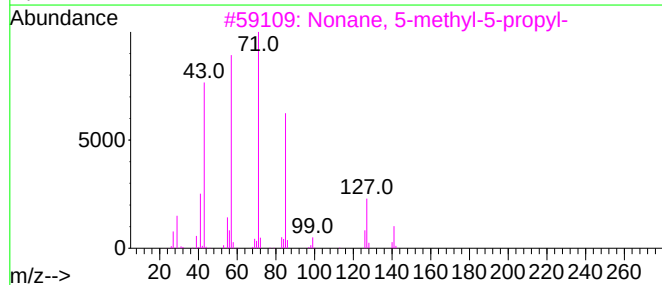
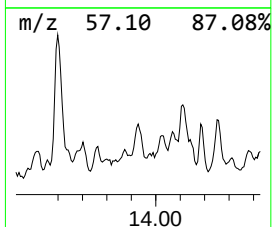
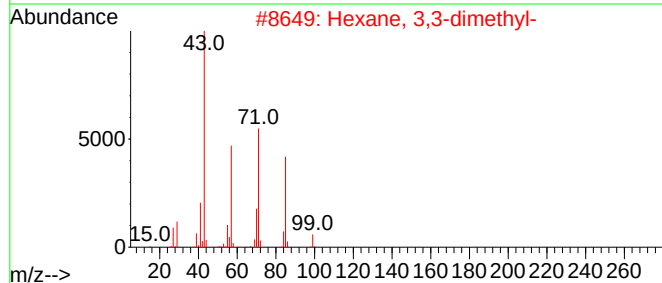
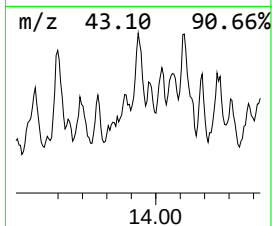
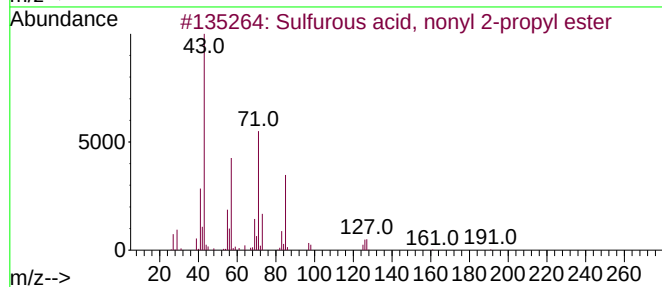
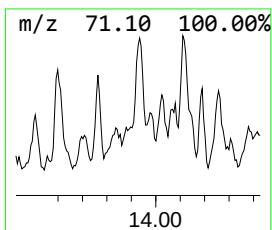
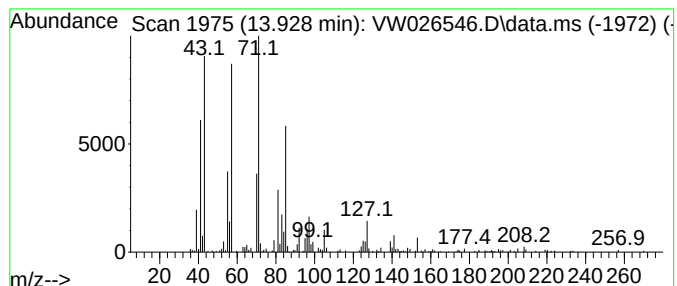
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Quant Title : SFAM01.0

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

Peak Number 48 Sulfurous acid, nonyl 2-pro... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.928	2.83 ug/L	111202	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	64
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
5			Succinic acid, tridec-2-yn-1-yl ...	380	C22H36O5	1000390-72-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

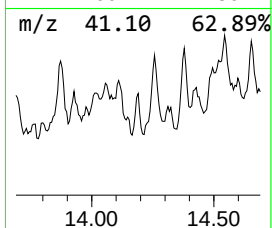
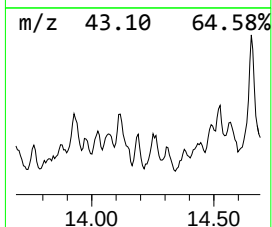
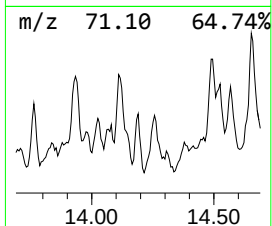
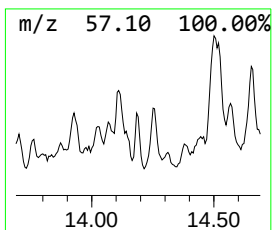
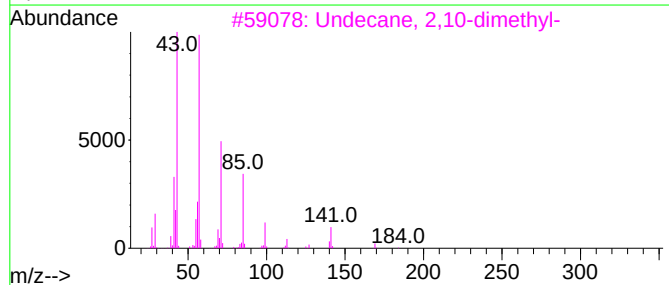
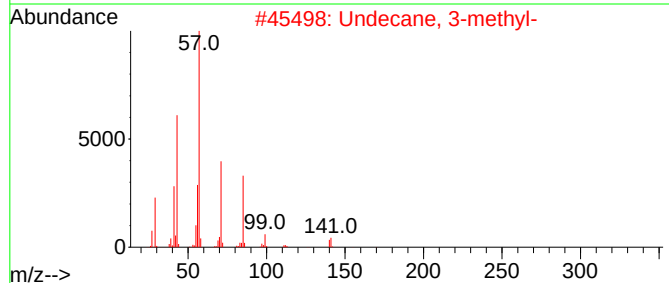
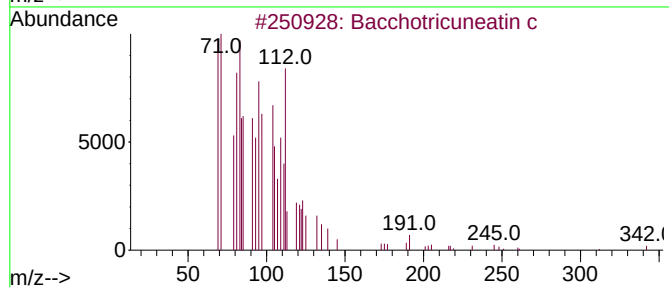
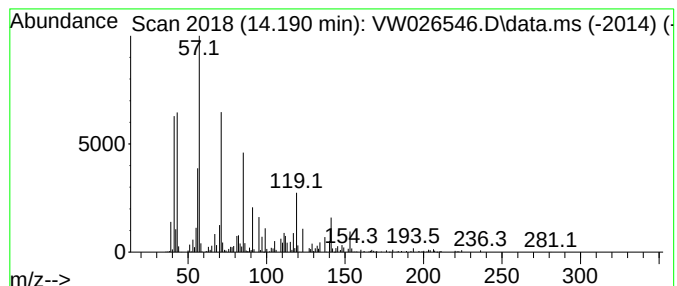
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Quant Title : SFAM01.0

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

Peak Number 49 Bacchotricuneatin c Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	3.79 ug/L	148734	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	52
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5			9-methylheptadecane	254	C18H38	026741-18-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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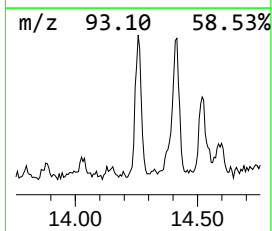
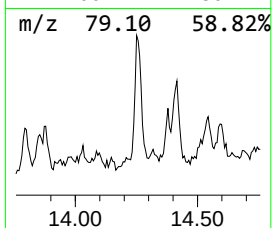
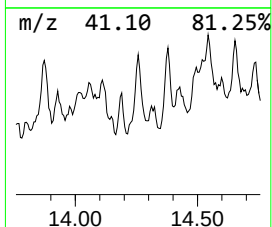
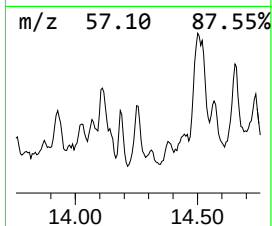
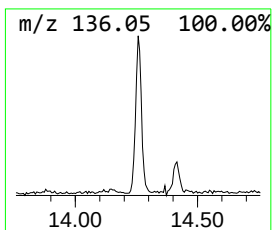
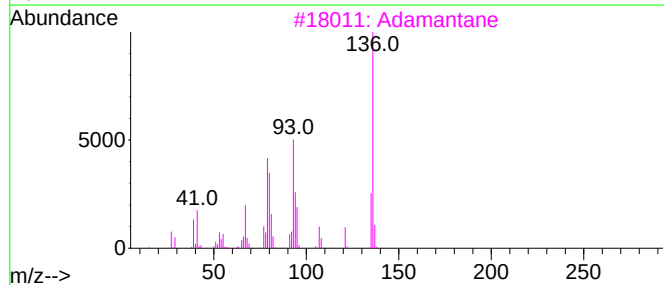
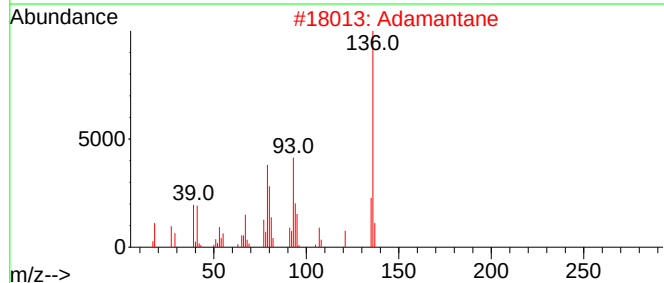
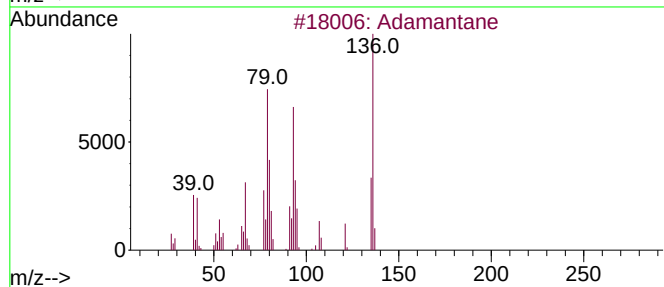
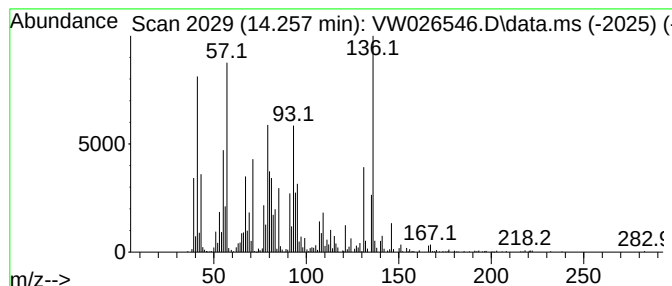
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Quant Title : SFAM01.0

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

Peak Number 50 Adamantane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	10.71 ug/L	420439	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	91
2	Adamantane			136	C10H16	000281-23-2	86
3	Adamantane			136	C10H16	000281-23-2	86
4	Adamantane			136	C10H16	000281-23-2	83
5	Adamantane			136	C10H16	000281-23-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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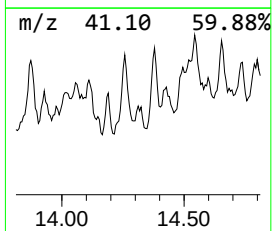
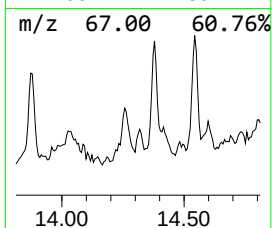
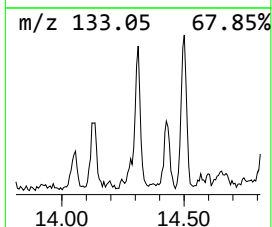
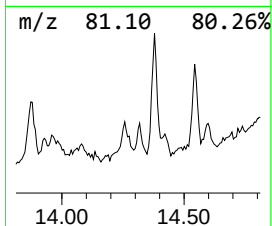
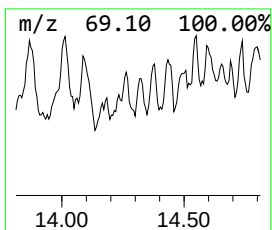
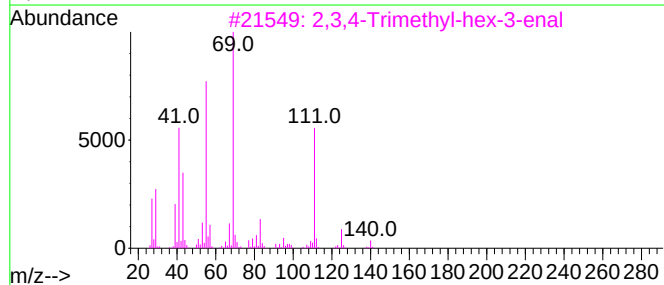
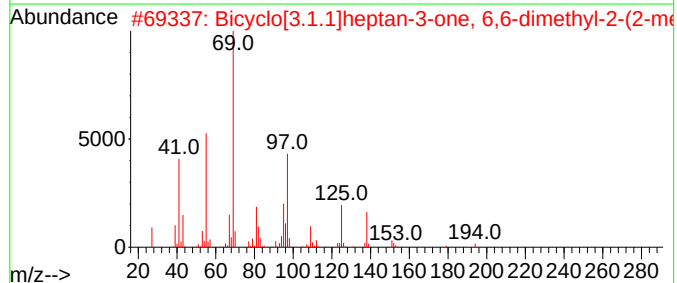
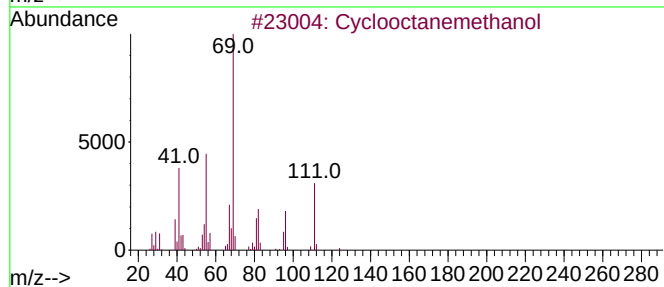
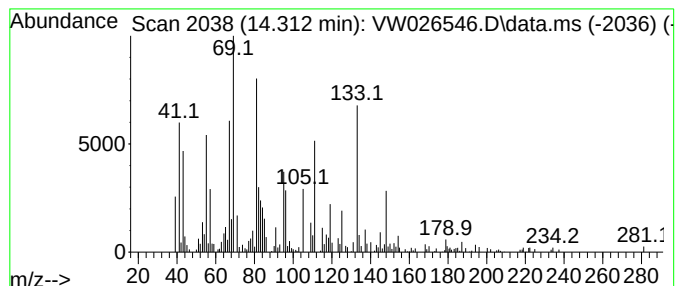
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 unknown-07 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	2.93 ug/L	114803	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctanemethanol	142	C9H18O	003637-63-6	35
2			Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	25
3			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	22
4			Cyclohexane, methylene-	96	C7H12	001192-37-6	20
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

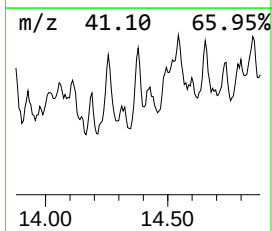
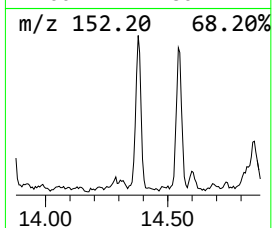
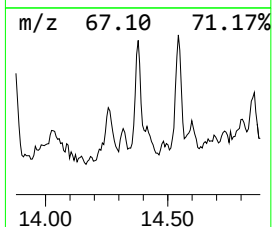
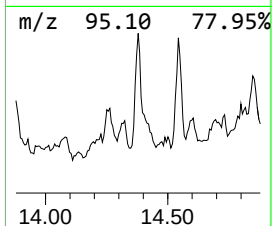
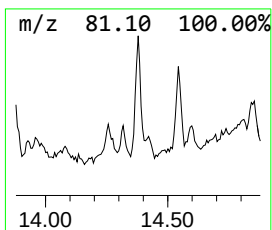
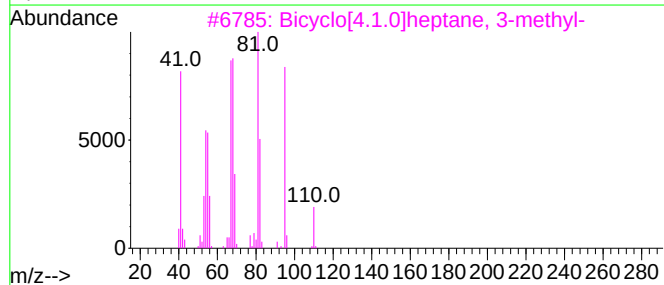
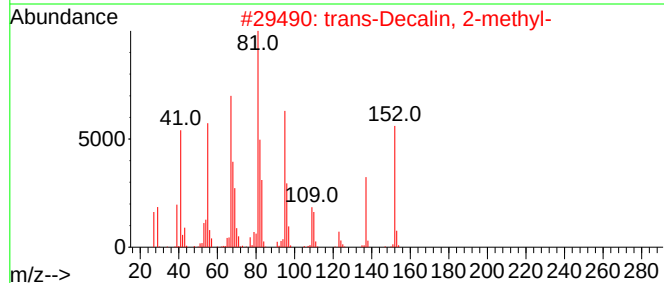
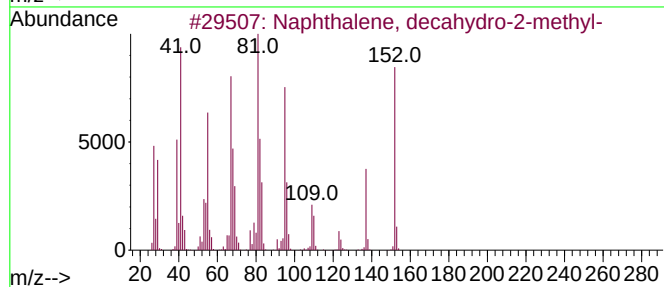
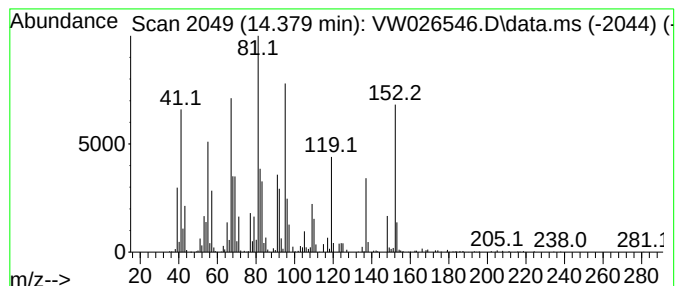
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Quant Title : SFAM01.0

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

Peak Number 52 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	12.86 ug/L	504491	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
3			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	78
4			trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	70
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

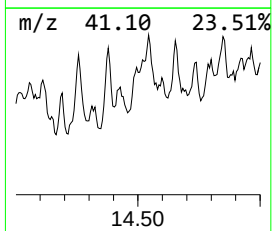
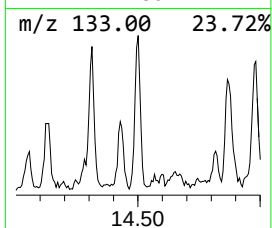
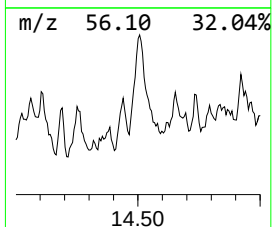
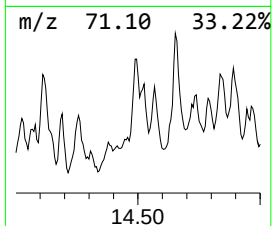
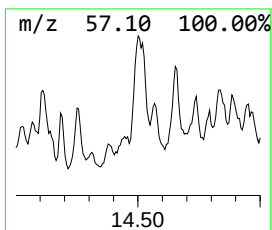
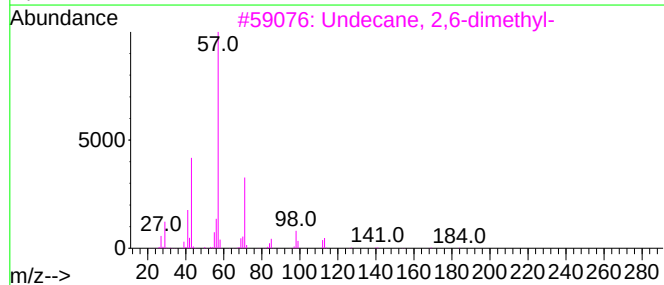
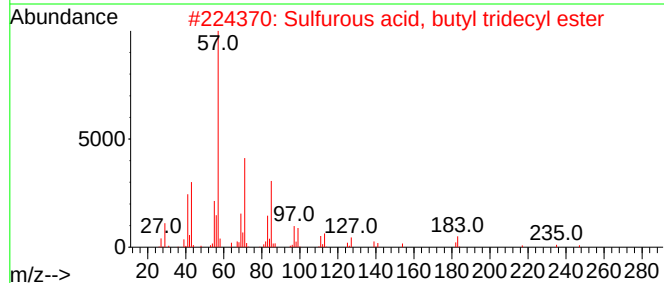
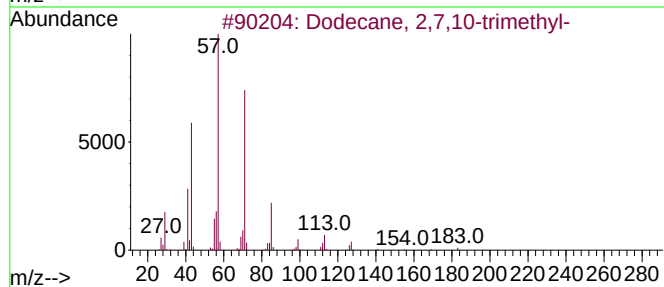
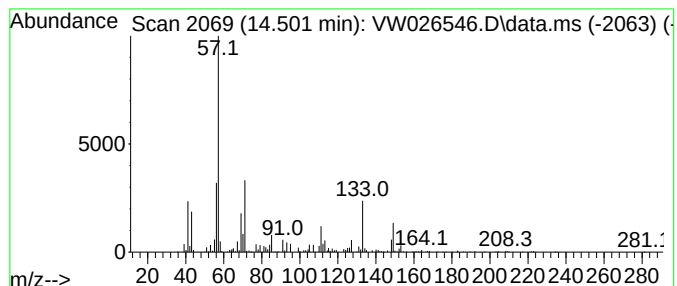
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.501	6.97 ug/L	273391	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
2			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
4			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
5			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

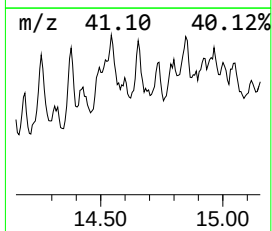
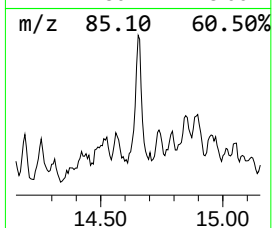
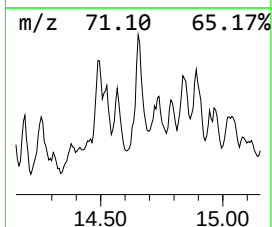
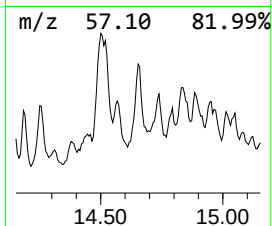
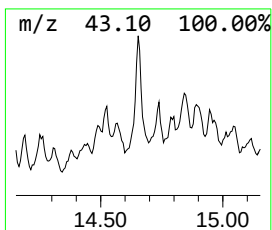
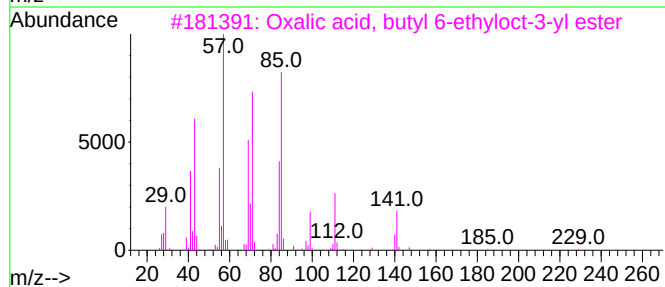
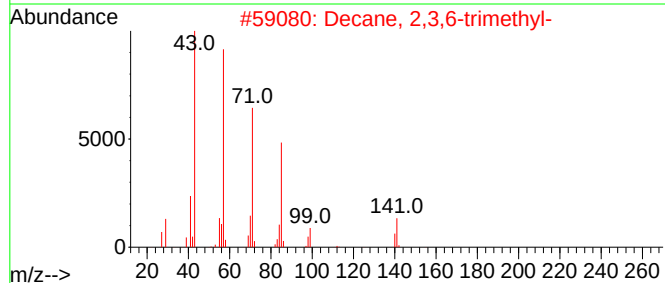
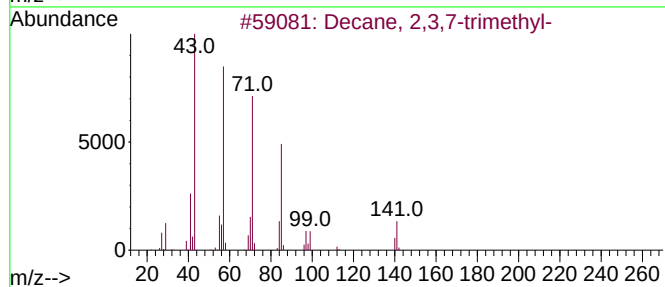
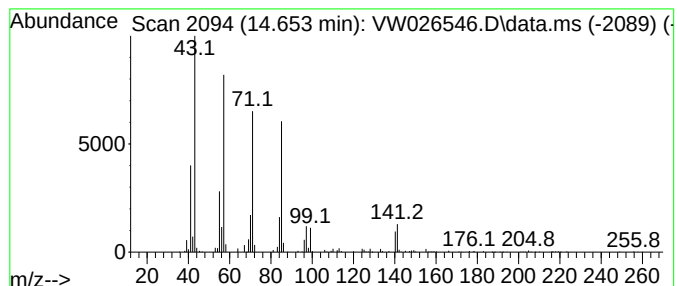
Instrument :
MSVOA_W
ClientSampleId :
A4724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.653	6.76 ug/L	265299	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,3,7-trimethyl-		184	C13H28	062238-13-5	91
2	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	86
3	Oxalic acid, butyl 6-ethyloct-3-...		286	C16H30O4	1000309-34-2	80
4	Decane, 4-ethyl-		170	C12H26	001636-44-8	64
5	1,3-Propanediol, decyl ethyl ether		244	C15H32O2	1000406-35-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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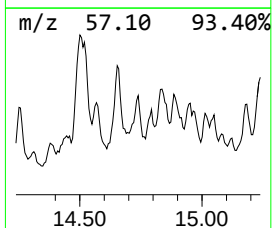
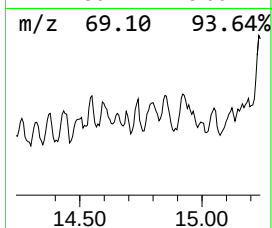
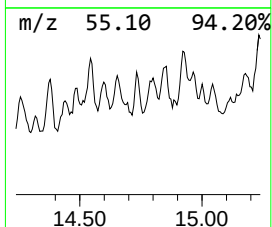
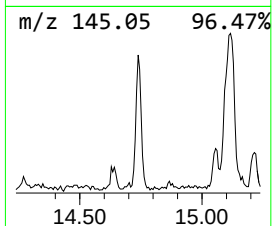
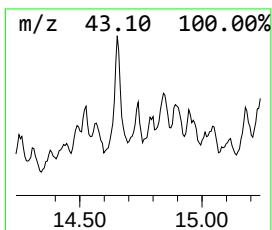
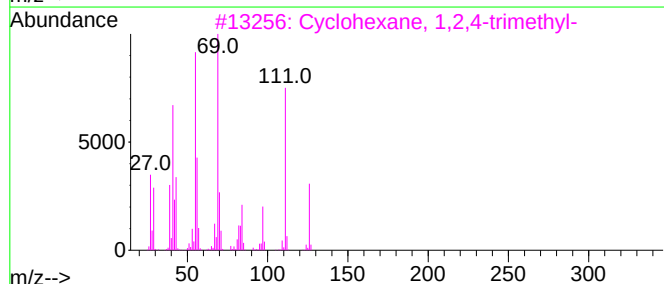
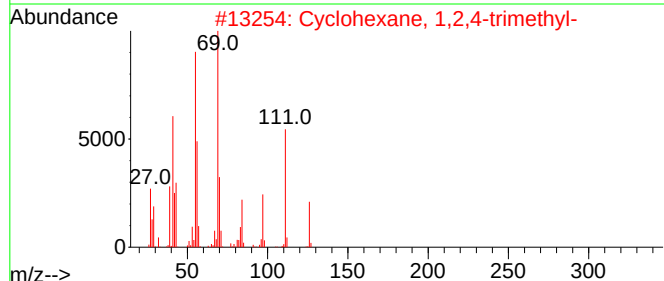
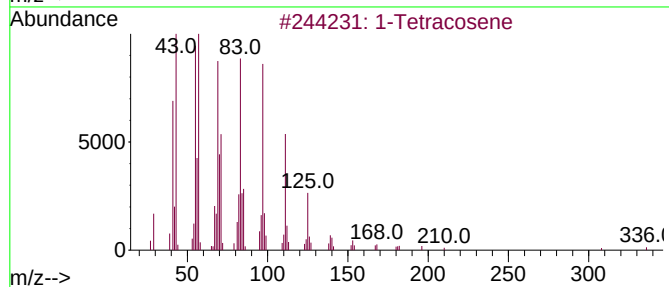
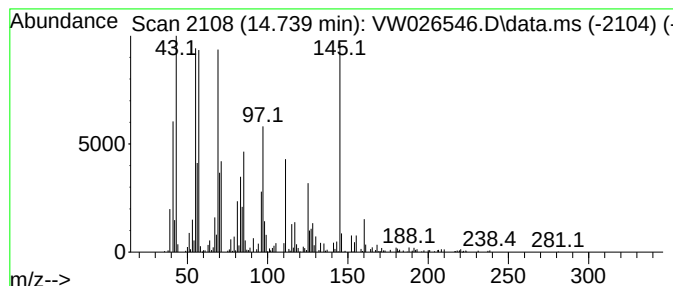
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Quant Title : SFAM01.0

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	4.09 ug/L	160438	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	49
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	41
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	38
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4724

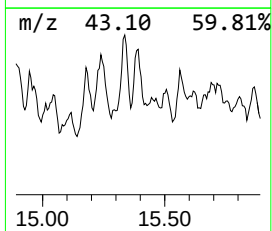
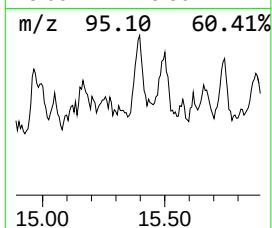
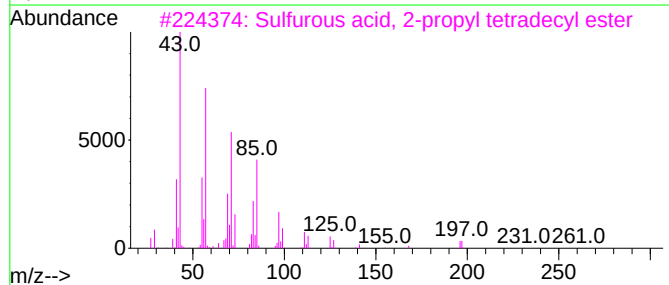
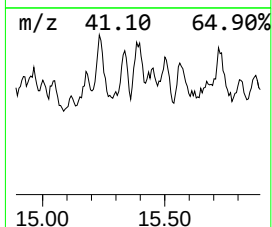
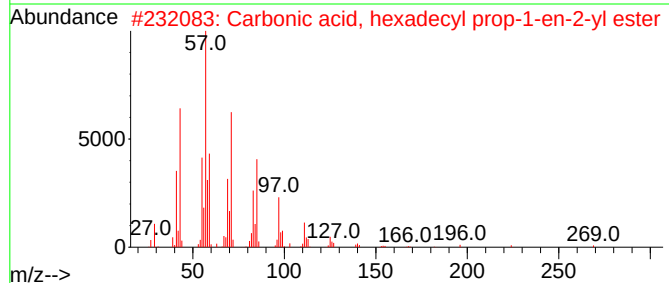
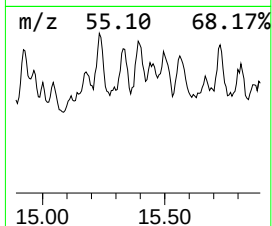
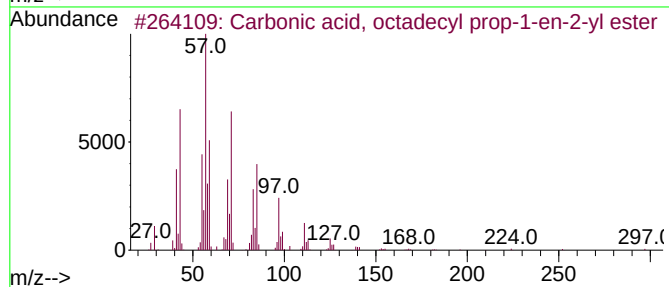
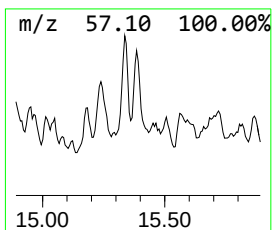
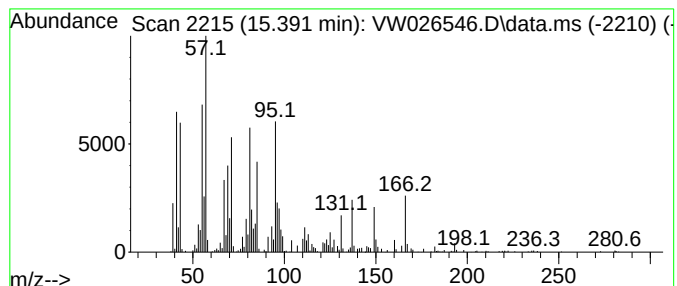
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Quant Title : SFAM01.0

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

Peak Number 56 unknown-08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	13.94 ug/L	546976	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	41
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	38
3			Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1010309-12-5	35
4			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	25
5			Oxirane, tridecyl-	226	C15H30O	018633-25-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026546.D
Acq On : 06 Jul 2023 16:54
Operator : SY/MD
Sample : 03534-12
Misc : 4.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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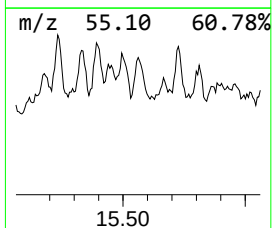
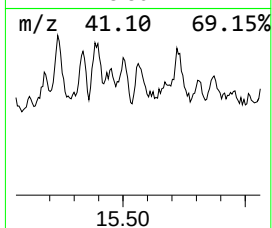
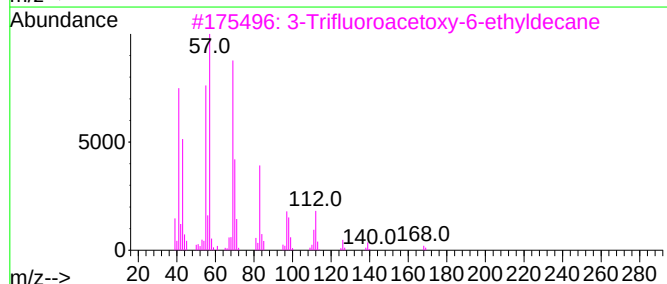
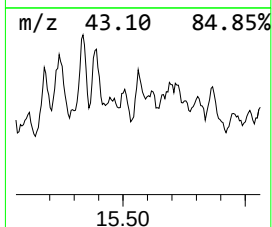
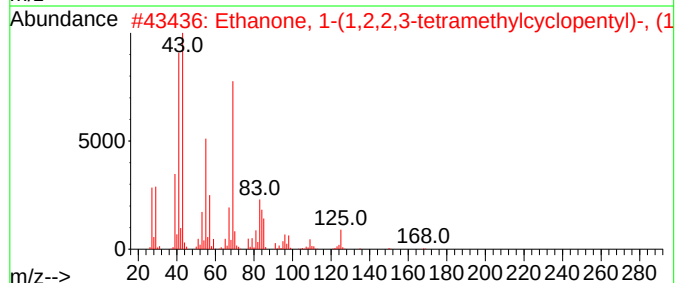
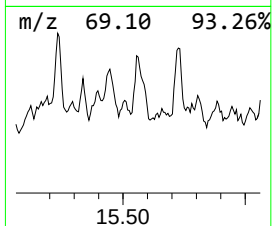
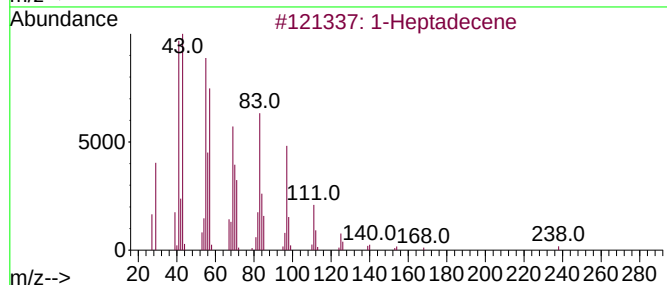
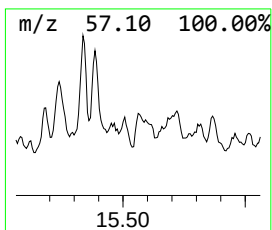
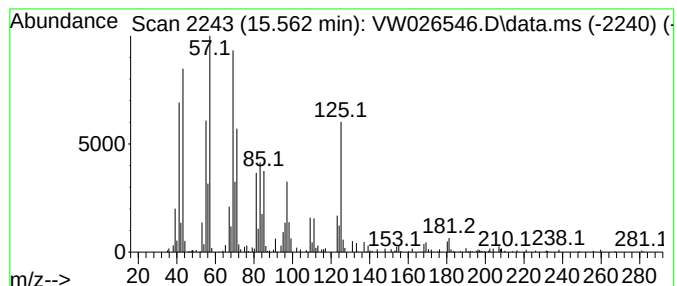
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Quant Title : SFAM01.0

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.562	5.97 ug/L	234289	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptadecene	238	C17H34	006765-39-5	60
2			Ethanone, 1-(1,2,2,3-tetramethyl...	168	C11H20O	059642-07-8	58
3			3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	49
4			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	45
5			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026546.D
 Acq On : 06 Jul 2023 16:54
 Operator : SY/MD
 Sample : 03534-12
 Misc : 4.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.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...	4.899	12.4	ug/L	1293540	1	8.843	2608020	25.0
(DEL) Alkane: S...	6.716	1.9	ug/L	201213	1	8.843	2608020	25.0
(DEL) Alkane: S...	6.874	4.3	ug/L	449512	1	8.843	2608020	25.0
(DEL) Alkane: S...	8.032	12.3	ug/L	1287760	1	8.843	2608020	25.0
(DEL) Alkane: S...	8.417	2.5	ug/L	260630	1	8.843	2608020	25.0
(DEL) Alkane: S...	8.477	4.0	ug/L	413346	1	8.843	2608020	25.0
(DEL) Alkane: S...	8.575	2.5	ug/L	265927	1	8.843	2608020	25.0
(DEL) Alkane: S...	9.069	1.8	ug/L	186211	1	8.843	2608020	25.0
3,5-Dimethylcyc...	9.118	1.8	ug/L	189123	1	8.843	2608020	25.0
(DEL) Alkane: C...	9.611	5.0	ug/L	519859	1	8.843	2608020	25.0
(DEL) Alkane: S...	9.752	3.5	ug/L	360596	1	8.843	2608020	25.0
Cyclohexene, 3-...	9.855	1.6	ug/L	163050	1	8.843	2608020	25.0
(DEL) Alkane: S...	9.892	2.9	ug/L	303071	1	8.843	2608020	25.0
unknown-01	9.941	1.6	ug/L	161966	1	8.843	2608020	25.0
1-Hexanesulfoni...	10.075	2.2	ug/L	225011	1	8.843	2608020	25.0
Cyclohexene, 1-...	10.203	2.2	ug/L	234162	1	8.843	2608020	25.0
Trichloroacetic...	10.246	1.6	ug/L	134263	2	11.629	2115100	25.0
1,4-Hexadiene, ...	10.514	5.3	ug/L	444771	2	11.629	2115100	25.0
(DEL) Alkane: C...	10.666	2.6	ug/L	221314	2	11.629	2115100	25.0
Cyclopentene, 1...	10.739	7.1	ug/L	598103	2	11.629	2115100	25.0
1,4-Heptadiene,...	10.825	1.3	ug/L	106647	2	11.629	2115100	25.0
Bicyclo[3.1.0]h...	11.014	2.5	ug/L	207212	2	11.629	2115100	25.0
unknown-02	11.099	1.3	ug/L	109485	2	11.629	2115100	25.0
(DEL) Alkane: C...	11.142	1.5	ug/L	128363	2	11.629	2115100	25.0
(DEL) Alkane: C...	11.227	1.8	ug/L	153319	2	11.629	2115100	25.0
unknown-03	11.282	2.3	ug/L	194461	2	11.629	2115100	25.0
Cyclohexene, 1,...	11.331	1.3	ug/L	107159	2	11.629	2115100	25.0
(DEL) Alkane: C...	11.434	3.9	ug/L	325682	2	11.629	2115100	25.0
(DEL) Alkane: C...	11.818	1.5	ug/L	125320	2	11.629	2115100	25.0
Bicyclo[3.2.1]o...	11.885	3.9	ug/L	327846	2	11.629	2115100	25.0
(DEL) Alkane: C...	12.135	2.7	ug/L	225347	2	11.629	2115100	25.0
unknown-04	12.202	3.6	ug/L	304321	2	11.629	2115100	25.0
Pentalene, octa...	12.337	5.0	ug/L	420301	2	11.629	2115100	25.0
(DEL) Alkane: C...	12.440	2.8	ug/L	236556	2	11.629	2115100	25.0
(DEL) Alkane: S...	12.593	6.2	ug/L	244695	3	13.556	981093	25.0
(DEL) Alkane: C...	12.855	5.7	ug/L	224745	3	13.556	981093	25.0
(DEL) Alkane: C...	12.952	12.1	ug/L	474292	3	13.556	981093	25.0
(DEL) Alkane: S...	13.074	2.3	ug/L	91039	3	13.556	981093	25.0
(DEL) Alkane: S...	13.190	8.8	ug/L	344745	3	13.556	981093	25.0
unknown-05	13.263	1.3	ug/L	51485	3	13.556	981093	25.0
Carbonic acid, ...	13.294	3.2	ug/L	125379	3	13.556	981093	25.0
Benzene, (2-met...	13.361	12.1	ug/L	474828	3	13.556	981093	25.0
(DEL) Alkane: S...	13.410	7.1	ug/L	280392	3	13.556	981093	25.0
unknown-06	13.477	1.7	ug/L	66658	3	13.556	981093	25.0
(DEL) Alkane: C...	13.696	4.6	ug/L	179774	3	13.556	981093	25.0
Benzene, 1,4-di...	13.794	5.7	ug/L	222436	3	13.556	981093	25.0
Sulfurous acid,...	13.928	2.8	ug/L	111202	3	13.556	981093	25.0
Bacchotric neat...	14.190	3.8	ug/L	148734	3	13.556	981093	25.0
Adamantane	14.257	10.7	ug/L	420439	3	13.556	981093	25.0
unknown-07	14.312	2.9	ug/L	114803	3	13.556	981093	25.0
Naphthalene, de...	14.379	12.9	ug/L	504491	3	13.556	981093	25.0
(DEL) Alkane: S...	14.501	7.0	ug/L	273391	3	13.556	981093	25.0

(DEL) Alkane: S...	14.653	6.8	ug/L	265299	3	13.556	981093	25.0
(DEL) Alkane: S...	14.739	4.1	ug/L	160438	3	13.556	981093	25.0
unknown-08	15.391	13.9	ug/L	546976	3	13.556	981093	25.0
(DEL) Alkane: S...	15.562	6.0	ug/L	234289	3	13.556	981093	25.0

Instrument :
MSVOA_W
ClientSampleId :
A4724