

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024515.D
 Acq On : 31 Aug 2022 15:40
 Operator : SY/VA
 Sample : N4440-08
 Misc : 5.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZK3

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\SFAMWLM082622SMA.M

Title : SFAM01.0

Signal : TIC: VW024515.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.227	47	53	54	rBV5	9507	13998	0.06%	0.043%
2	2.349	67	73	80	rBV	452472	708464	2.96%	2.178%
3	2.873	155	159	169	rVB	26841	50999	0.21%	0.157%
4	3.519	262	265	268	rBV5	961	1678	0.01%	0.005%
5	3.604	276	279	281	rBV4	1976	1708	0.01%	0.005%
6	3.745	299	302	305	rVB5	1342	1705	0.01%	0.005%
7	3.800	305	311	312	rBV6	1757	2124	0.01%	0.007%
8	4.013	334	346	356	rBV3	37290	121642	0.51%	0.374%
9	4.123	359	364	369	rVB2	4390	8756	0.04%	0.027%
10	4.196	374	376	380	rVB5	2090	1936	0.01%	0.006%
11	4.324	395	397	400	rBV4	1335	1940	0.01%	0.006%
12	4.373	400	405	407	rBV5	2783	4675	0.02%	0.014%
13	4.452	417	418	422	rVB4	2307	2223	0.01%	0.007%
14	4.635	442	448	450	rBV7	1239	1844	0.01%	0.006%
15	4.836	478	481	485	rBV6	965	1828	0.01%	0.006%
16	4.903	485	492	499	rBV5	8192	19923	0.08%	0.061%
17	5.031	508	513	514	rBV5	1150	1765	0.01%	0.005%
18	5.129	527	529	537	rVB7	3363	6135	0.03%	0.019%
19	5.318	557	560	562	rVB4	1676	1995	0.01%	0.006%
20	5.415	562	576	592	rBV	266069	808700	3.38%	2.486%
21	5.665	615	617	620	rVB4	2222	2429	0.01%	0.007%
22	5.696	620	622	625	rBV4	1495	1955	0.01%	0.006%
23	5.763	630	633	634	rBV3	1795	2007	0.01%	0.006%
24	6.098	686	688	694	rVB6	1762	2367	0.01%	0.007%
25	6.153	694	697	700	rBV5	1316	2285	0.01%	0.007%
26	6.311	720	723	728	rBV5	1153	1971	0.01%	0.006%
27	6.494	750	753	756	rBV5	1939	2754	0.01%	0.008%
28	7.165	840	863	888	rBV	9861096	23913523	100.00%	73.526%
29	7.646	933	942	951	rVV2	46110	112182	0.47%	0.345%
30	7.872	975	979	983	rBV6	2165	4011	0.02%	0.012%
31	7.927	983	988	989	rVV4	1021	1669	0.01%	0.005%
32	8.146	1020	1024	1025	rBV4	1454	1780	0.01%	0.005%
33	8.165	1025	1027	1032	rVB6	1743	1991	0.01%	0.006%
34	8.207	1032	1034	1036	rBV3	1983	1881	0.01%	0.006%
35	8.274	1036	1045	1057	rBV3	79909	251768	1.05%	0.774%
36	8.427	1065	1070	1073	rVB7	2789	4636	0.02%	0.014%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Title : SFAM01.0

37	8.841	1128	1138	1145	rBV2	75982	157972	0.66%	0.486%
38	8.982	1156	1161	1164	rBV7	1941	2983	0.01%	0.009%
39	9.085	1166	1178	1192	rVV2	896371	2007478	8.39%	6.172%
40	9.274	1202	1209	1211	rBV	64564	120552	0.50%	0.371%
41	9.524	1244	1250	1253	rBV6	5048	9455	0.04%	0.029%
42	9.603	1259	1263	1269	rVB7	4925	8529	0.04%	0.026%
43	9.670	1269	1274	1275	rBV4	6019	7080	0.03%	0.022%
44	9.750	1283	1287	1293	rVB8	5307	10094	0.04%	0.031%
45	9.890	1301	1310	1316	rBV3	30396	60762	0.25%	0.187%
46	9.957	1316	1321	1324	rVB6	1729	2427	0.01%	0.007%
47	10.030	1328	1333	1339	rBV	22337	42464	0.18%	0.131%
48	10.122	1346	1348	1357	rVB10	3986	8035	0.03%	0.025%
49	10.207	1357	1362	1363	rBV4	2535	3000	0.01%	0.009%
50	10.250	1363	1369	1374	rVV3	17002	30483	0.13%	0.094%
51	10.323	1374	1381	1387	rVV	96482	184603	0.77%	0.568%
52	10.390	1387	1392	1398	rVB	17124	33217	0.14%	0.102%
53	10.439	1398	1400	1403	rBV4	1690	2050	0.01%	0.006%
54	10.493	1404	1409	1417	rVB4	8577	22024	0.09%	0.068%
55	10.579	1417	1423	1427	rBV3	14490	29040	0.12%	0.089%
56	10.664	1432	1437	1442	rBV4	9935	20006	0.08%	0.062%
57	10.707	1442	1444	1447	rVB3	5986	6140	0.03%	0.019%
58	10.756	1447	1452	1458	rBV9	8764	19693	0.08%	0.061%
59	10.847	1463	1467	1472	rVB7	5603	8741	0.04%	0.027%
60	10.926	1474	1480	1486	rVV2	31185	54391	0.23%	0.167%
61	11.036	1494	1498	1500	rBV5	5037	7998	0.03%	0.025%
62	11.109	1506	1510	1512	rBV4	4773	6424	0.03%	0.020%
63	11.146	1512	1516	1517	rBV4	4184	5941	0.02%	0.018%
64	11.176	1517	1521	1525	rVB	14763	19097	0.08%	0.059%
65	11.225	1525	1529	1535	rVB	29401	49714	0.21%	0.153%
66	11.286	1535	1539	1542	rBV6	4944	7343	0.03%	0.023%
67	11.335	1543	1547	1551	rVB2	10657	16334	0.07%	0.050%
68	11.408	1551	1559	1560	rBV7	15961	27838	0.12%	0.086%
69	11.506	1570	1575	1580	rBV	17424	28359	0.12%	0.087%
70	11.627	1587	1595	1602	rBV	77481	146060	0.61%	0.449%
71	11.762	1613	1617	1621	rBV6	6638	10643	0.04%	0.033%
72	11.841	1621	1630	1632	rBV3	30401	61088	0.26%	0.188%
73	11.871	1632	1635	1640	rVB2	22790	34131	0.14%	0.105%
74	11.969	1647	1651	1652	rBV4	4371	5331	0.02%	0.016%
75	12.054	1658	1665	1670	rVB5	18575	41085	0.17%	0.126%
76	12.133	1670	1678	1684	rBV3	59334	133271	0.56%	0.410%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Title : SFAM01.0

77	12.249	1693	1697	1701	rVB2	50159	76687	0.32%	0.236%
78	12.335	1701	1711	1712	rBV4	54501	122644	0.51%	0.377%
79	12.615	1752	1757	1759	rBV5	24483	40704	0.17%	0.125%
80	12.646	1759	1762	1766	rVV	61992	79017	0.33%	0.243%
81	12.694	1766	1770	1774	rVV4	53282	91115	0.38%	0.280%
82	12.774	1780	1783	1790	rVB3	71418	131319	0.55%	0.404%
83	12.859	1790	1797	1800	rBV5	48602	107726	0.45%	0.331%
84	12.926	1803	1808	1815	rVV2	436582	787728	3.29%	2.422%
85	12.987	1816	1818	1824	rVB	68232	88851	0.37%	0.273%
86	13.072	1828	1832	1836	rBV4	74948	111648	0.47%	0.343%
87	13.121	1836	1840	1843	rBV2	70728	116412	0.49%	0.358%
88	13.158	1843	1846	1853	rVB	169859	259731	1.09%	0.799%
89	13.286	1865	1867	1871	rVB2	50332	60768	0.25%	0.187%
90	13.444	1890	1893	1896	rVB3	89003	112985	0.47%	0.347%
91	13.481	1896	1899	1902	rVB3	71017	80536	0.34%	0.248%
92	13.548	1907	1910	1915	rVV2	85028	122693	0.51%	0.377%
93	13.621	1918	1922	1929	rVB3	60946	84563	0.35%	0.260%
94	13.871	1957	1963	1968	rBV3	241560	389440	1.63%	1.197%
95	14.194	2013	2016	2021	rVB3	21475	32946	0.14%	0.101%
96	14.255	2023	2026	2032	rVB6	21342	35470	0.15%	0.109%
97	14.493	2063	2065	2068	rBV3	6467	5665	0.02%	0.017%
98	14.718	2094	2102	2106	rBV4	20309	39445	0.16%	0.121%
99	15.547	2235	2238	2244	rVB7	11242	18903	0.08%	0.058%
100	16.627	2413	2415	2418	rVB4	2168	1813	0.01%	0.006%

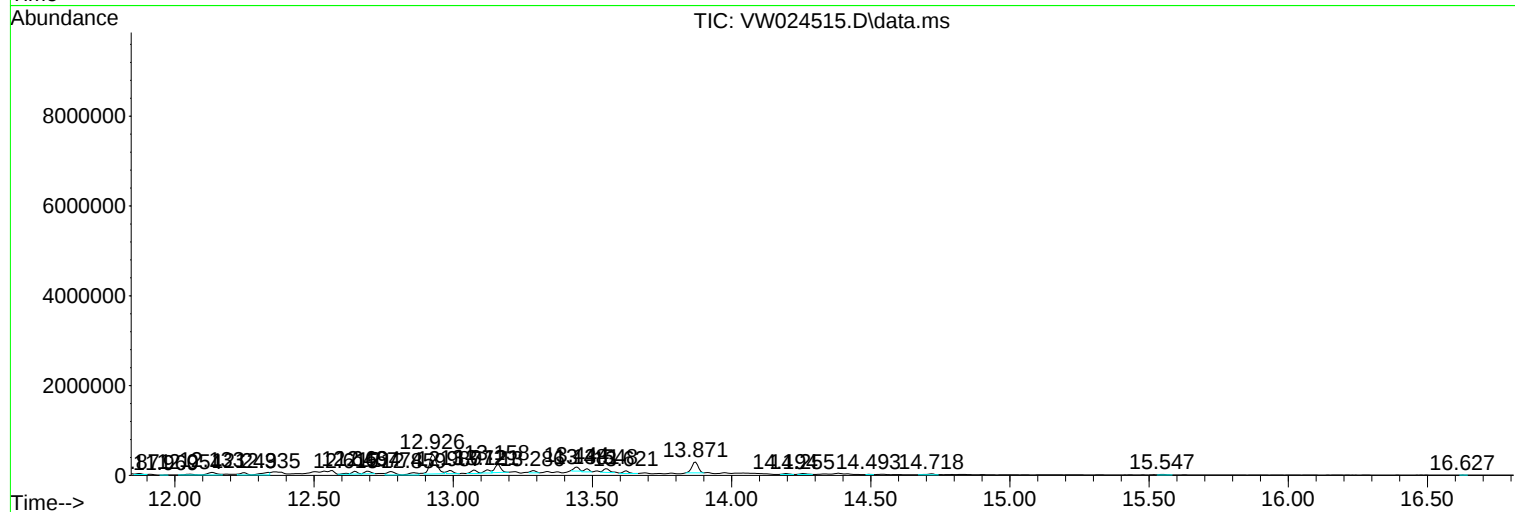
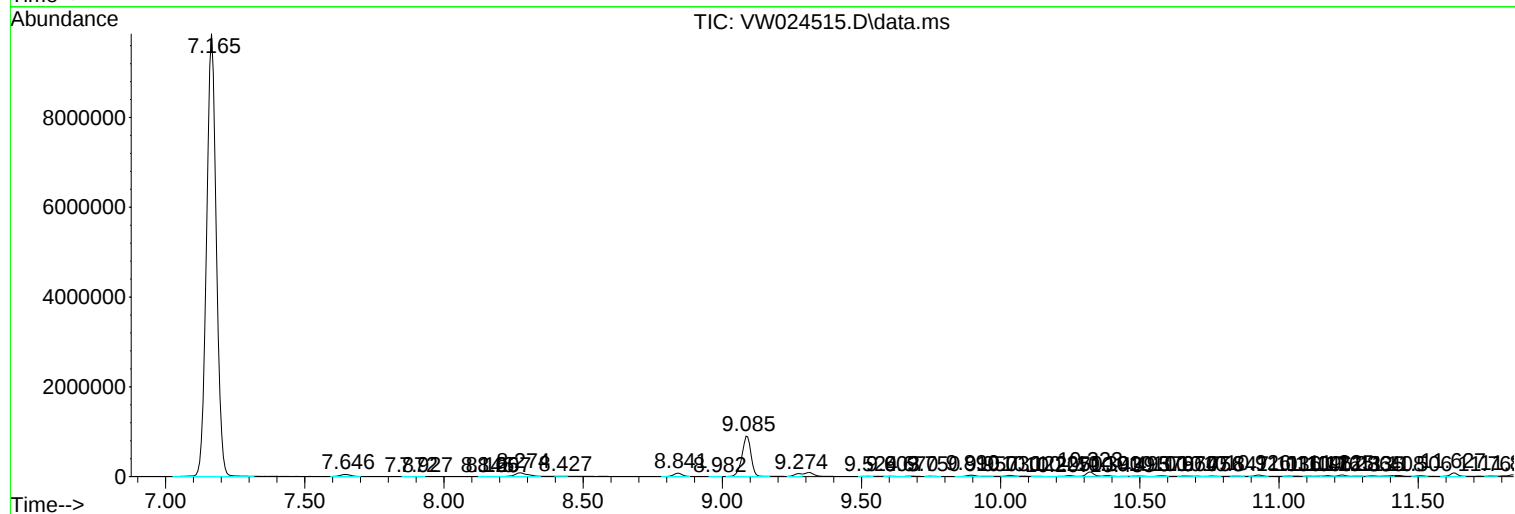
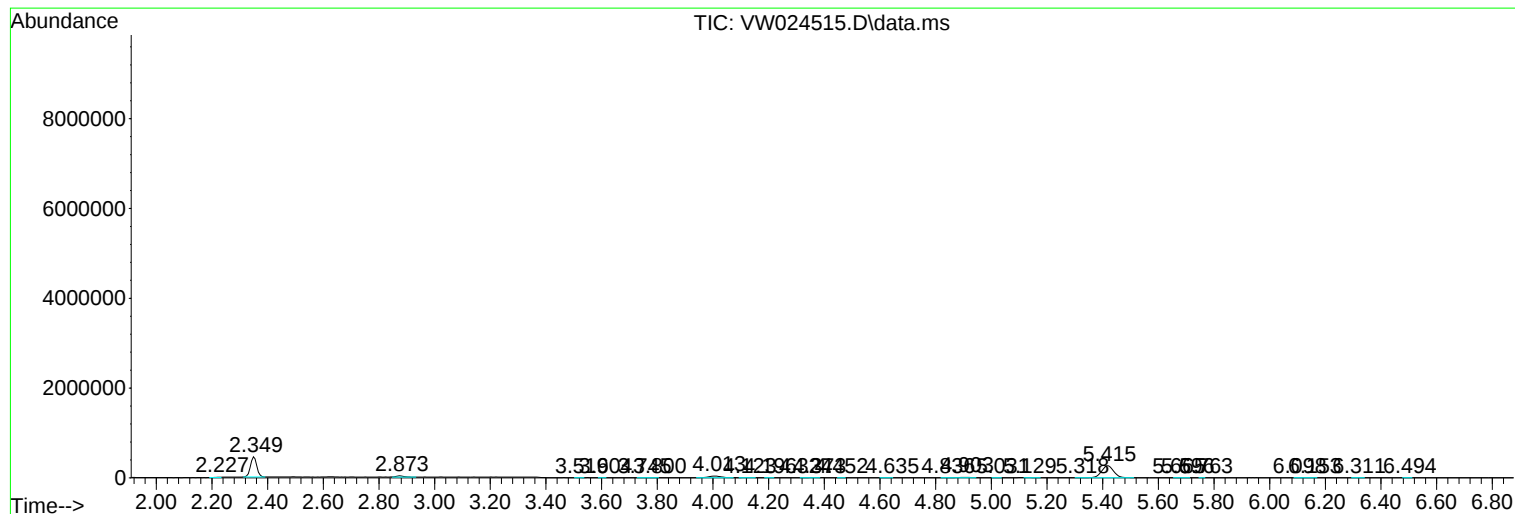
Sum of corrected areas: 32523932

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Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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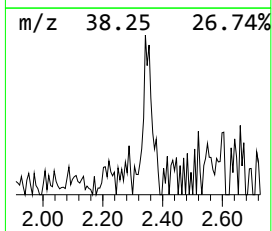
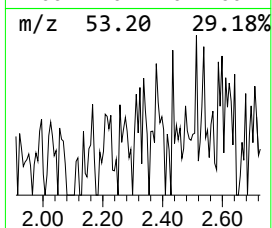
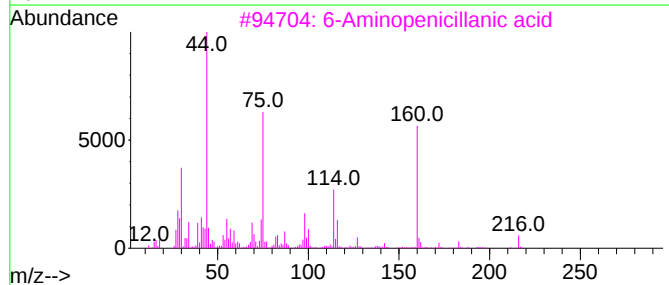
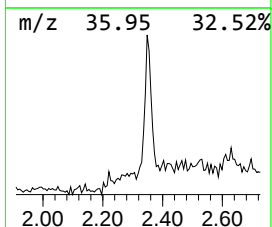
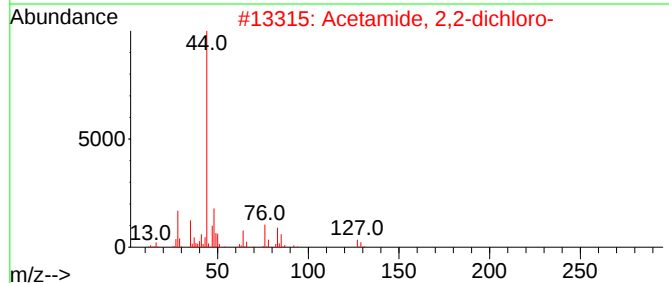
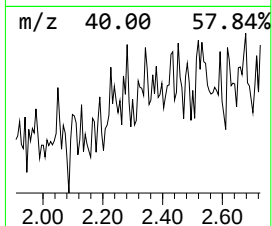
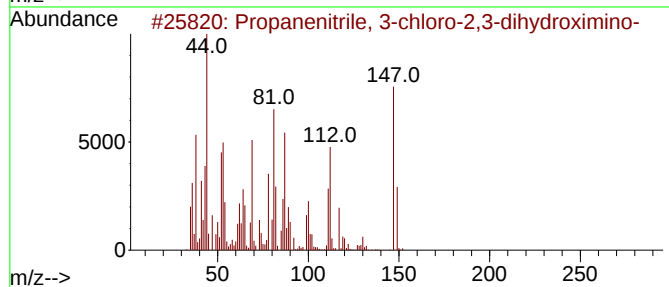
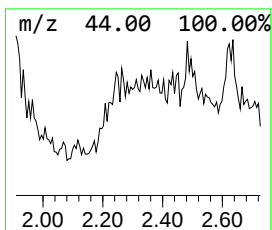
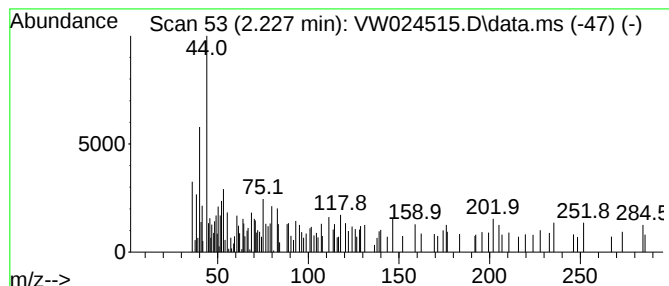
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.227	2.22 ug/L	13998	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanenitrile, 3-chloro-2,3-dih...	147	C3H2ClN3O2	139912-33-7	37
2			Acetamide, 2,2-dichloro-	127	C2H3Cl2NO	000683-72-7	18
3			6-Aminopenicillanic acid	216	C8H12N2O3S	000551-16-6	18
4			2-Butenediamide, (Z)-	114	C4H6N2O2	000928-01-8	16
5			2-Methylpropanamide, N-(2-phenyl...	205	C13H19NO	1000490-77-5	14



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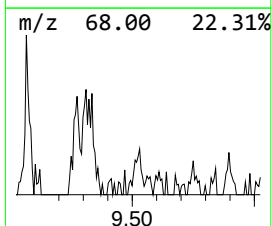
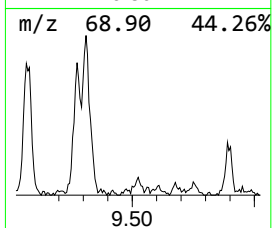
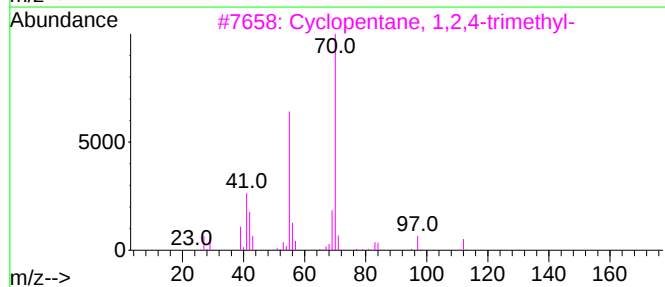
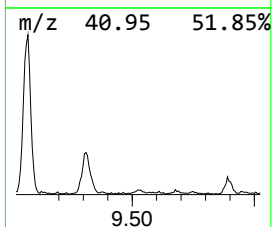
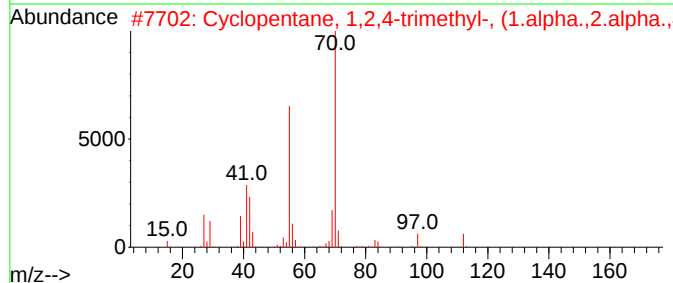
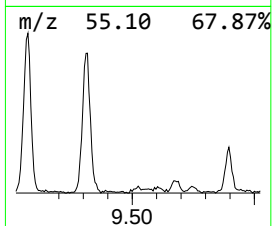
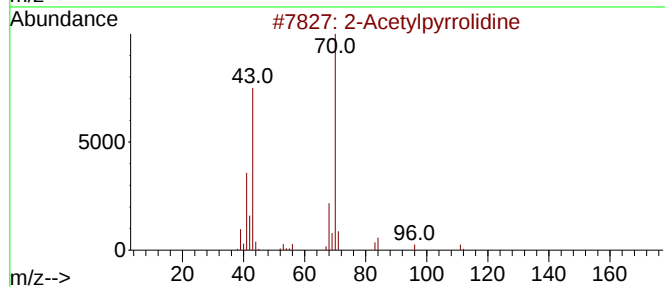
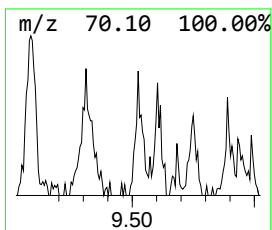
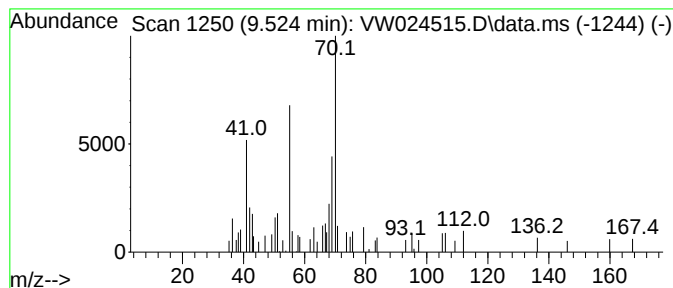
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 2-Acetylpyrrolidine Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.524	1.50 ug/L	9455	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Acetylpyrrolidine	113	C6H11NO	060026-20-2	50
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	49
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	49
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	49



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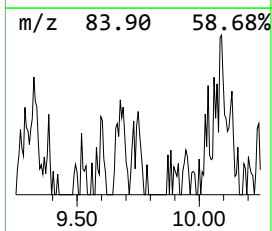
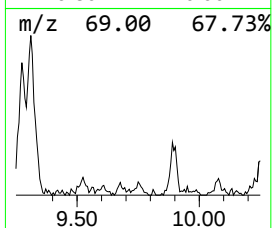
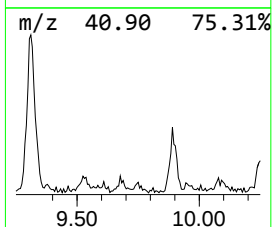
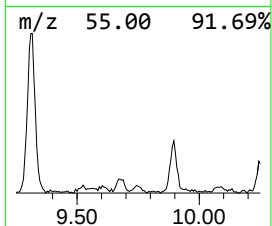
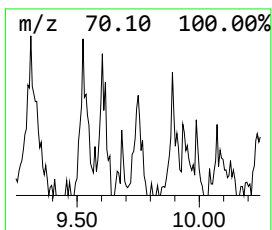
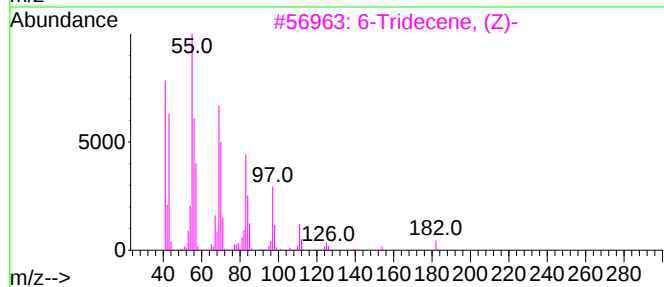
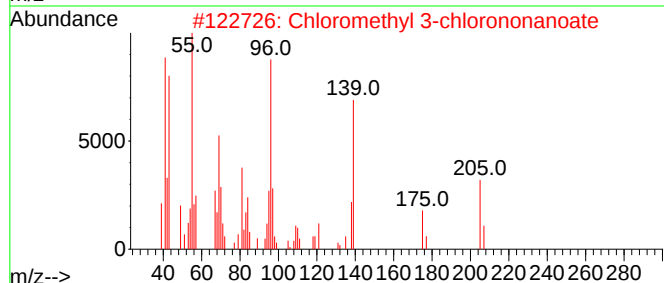
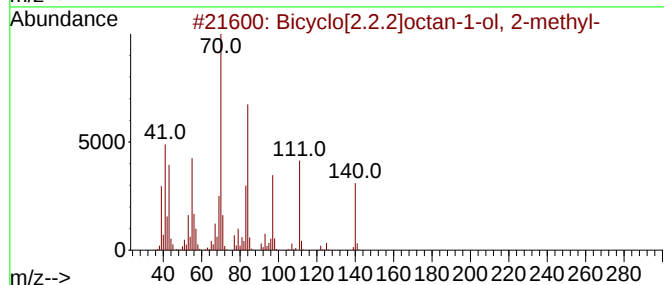
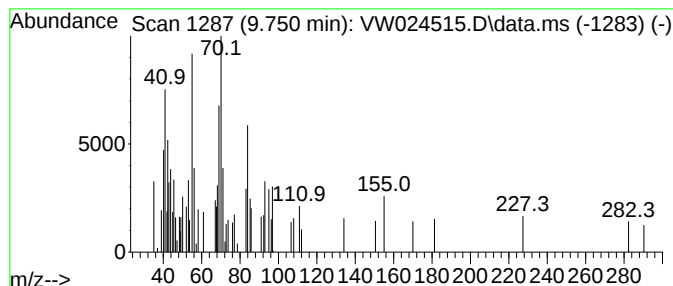
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Quant Title : SFAM01.0

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

Peak Number 4 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	1.60 ug/L	10094	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.2]octan-1-ol, 2-methyl-	140	C9H16O	1010258-29-6	22
2			Chloromethyl 3-chlorononanoate	240	C10H18Cl2O2	080418-72-0	12
3			6-Tridecene, (Z)-	182	C13H26	006508-77-6	12
4			Piperidine, 1-chloroacetyl-	161	C7H12ClNO	001440-60-4	12
5			1,3-Dioxane-4,6-dione, 5,5-dimet...	184	C9H12O4	004858-67-7	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

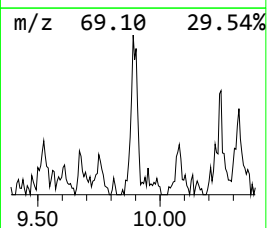
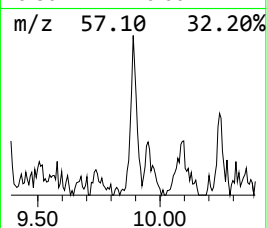
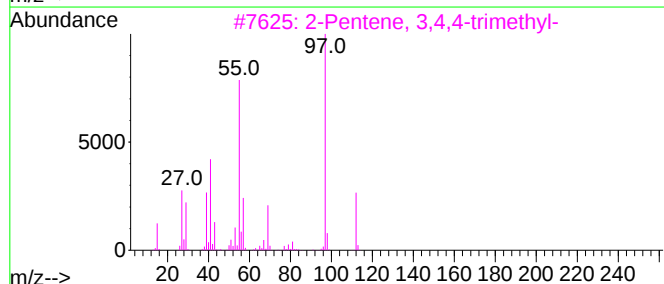
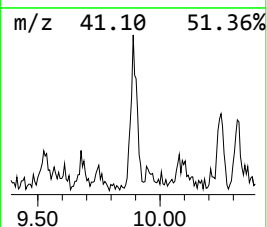
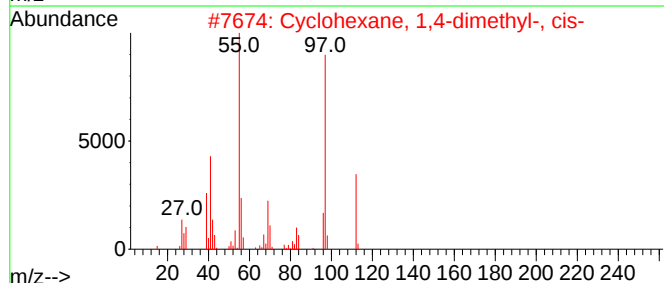
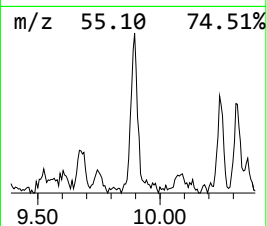
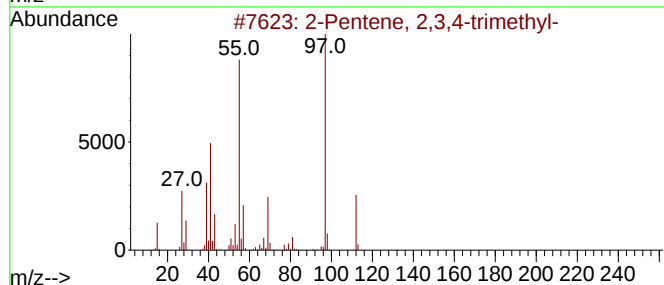
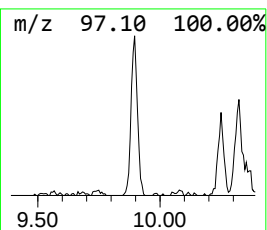
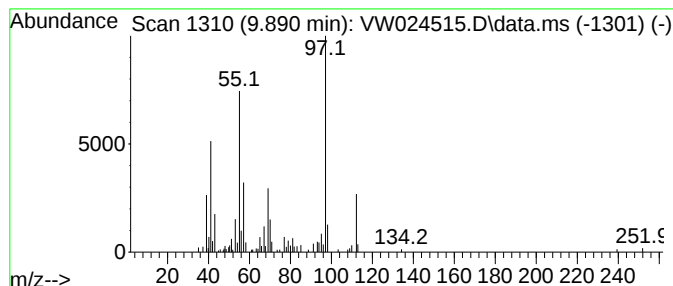
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	9.62 ug/L	60762	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	86
2		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80
3		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	80
4		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	80
5		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

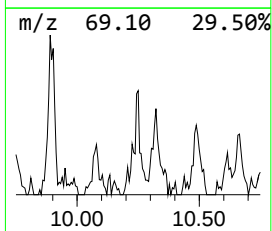
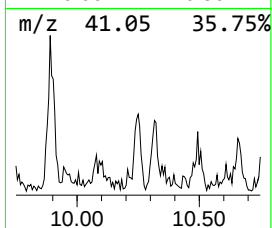
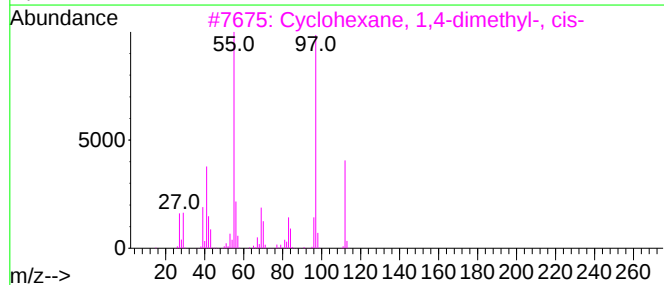
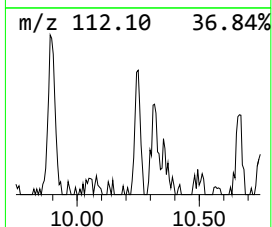
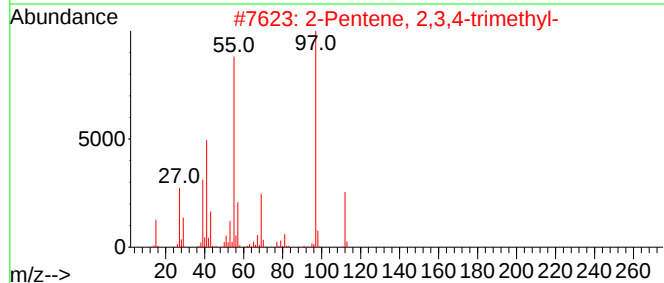
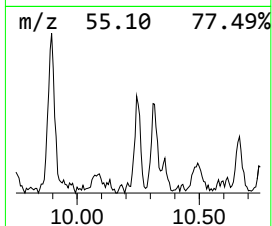
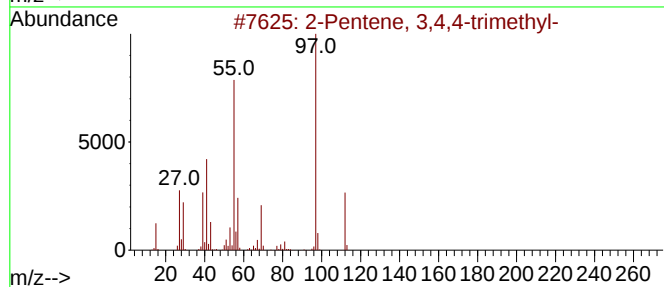
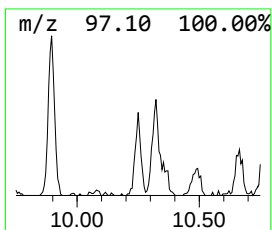
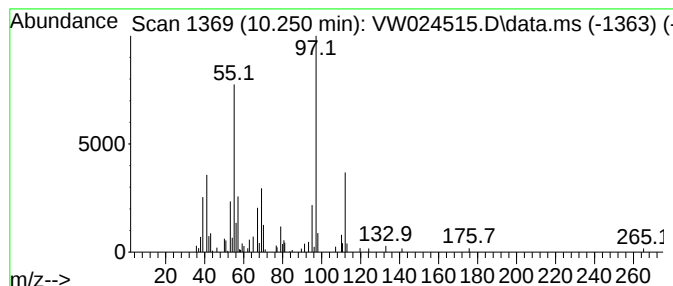
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.250	5.22 ug/L	30483	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	70
2			2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	53
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	52
4			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	52
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

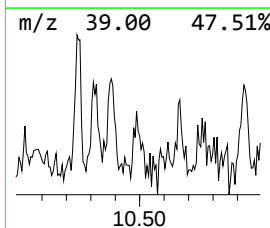
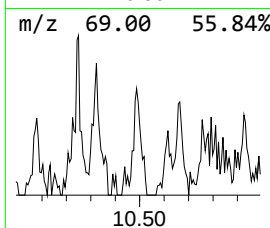
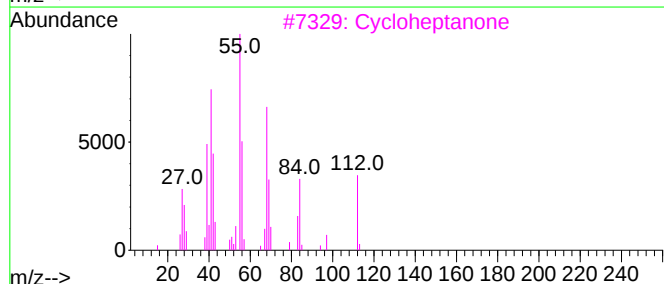
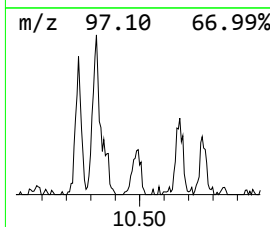
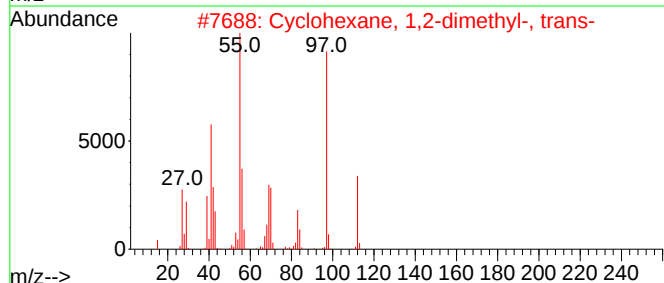
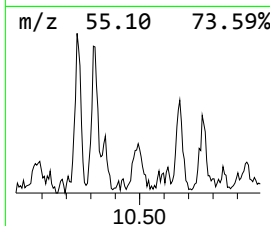
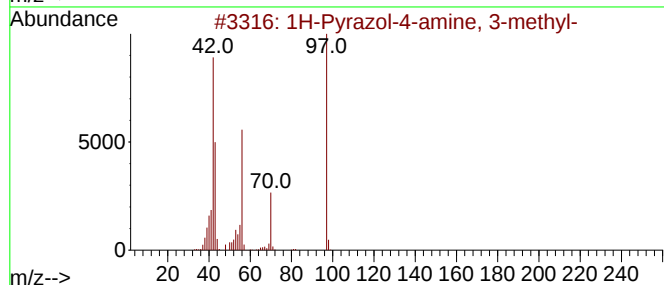
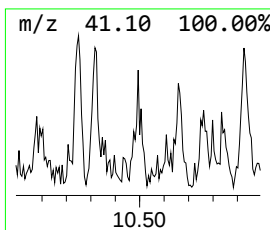
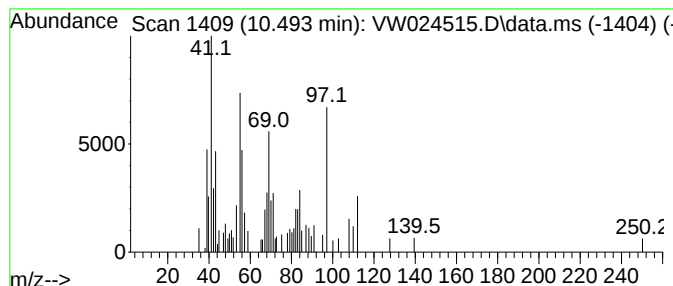
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.493	3.77 ug/L	22024	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	38
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
3			Cycloheptanone	112	C7H12O	000502-42-1	38
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	35
5			2-Pentenal, 2-ethyl-	112	C7H12O	003491-57-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

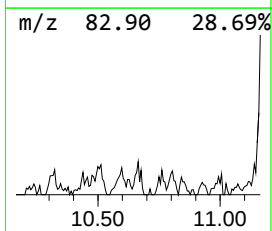
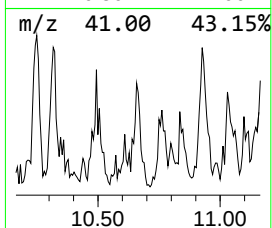
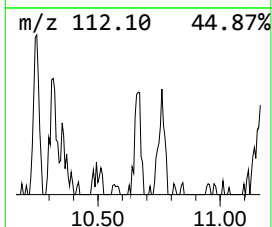
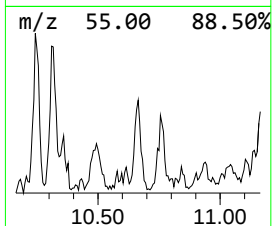
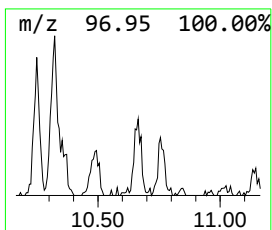
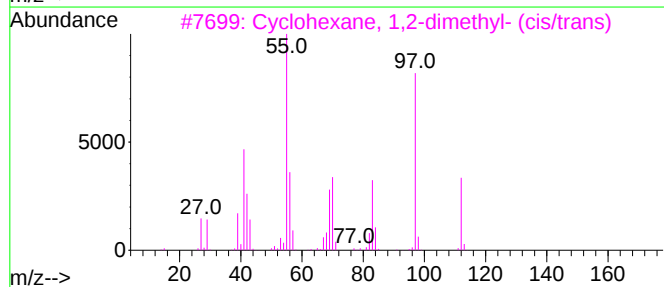
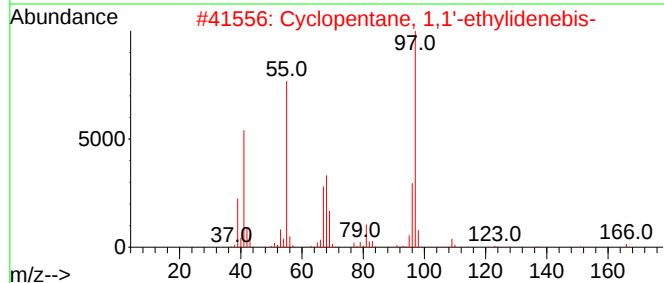
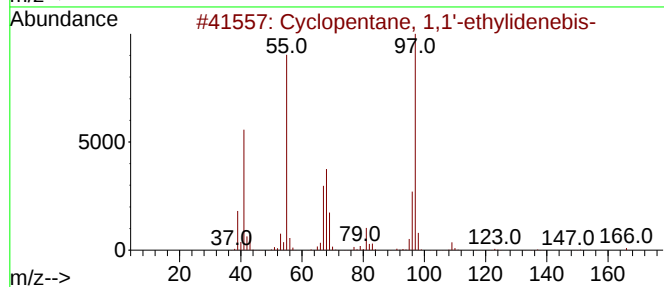
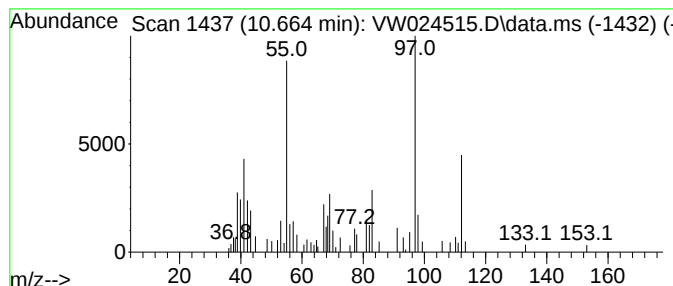
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 10 Cyclopentane, 1,1'-ethylide... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.664	3.42 ug/L	20006	Chlorobenzene-d5	11.627	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50
2	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	47
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

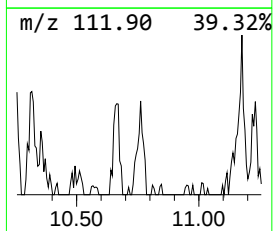
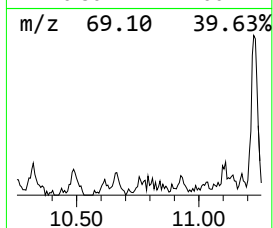
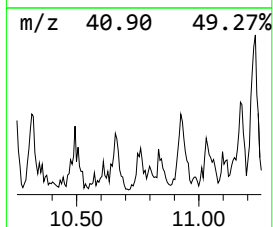
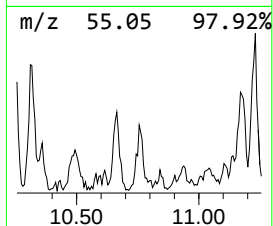
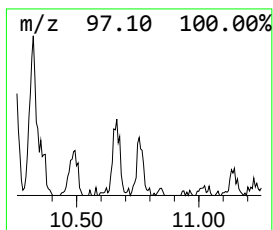
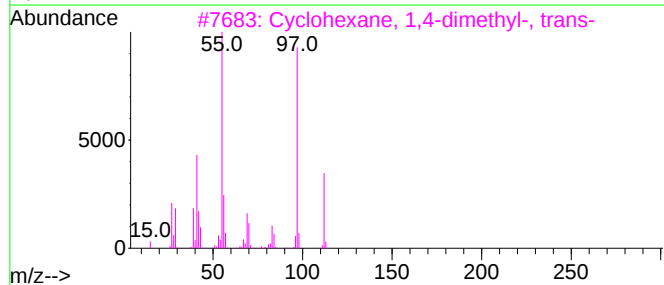
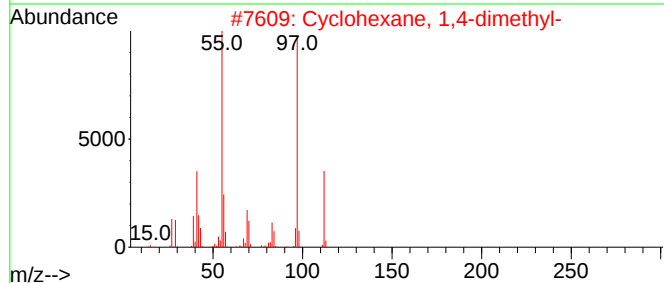
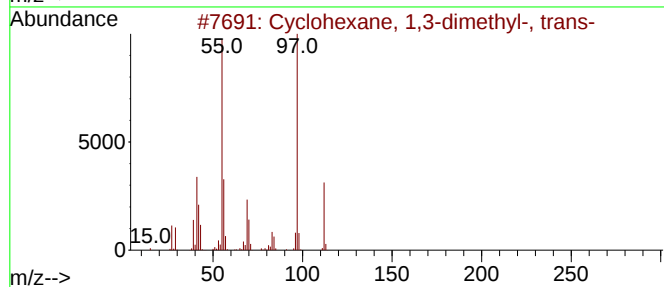
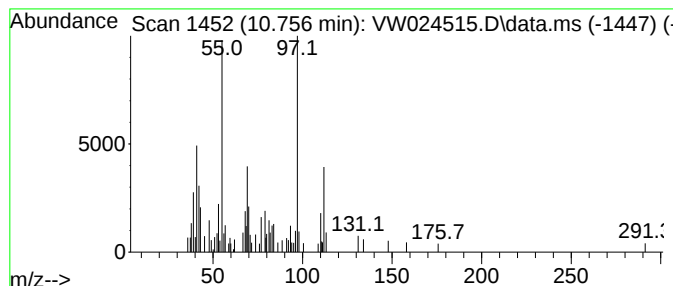
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic10.756 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.756	3.37 ug/L	19693	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	76
2			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72
3			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
5			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

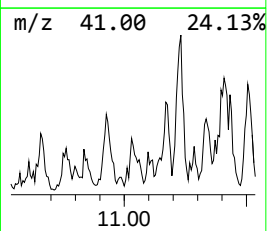
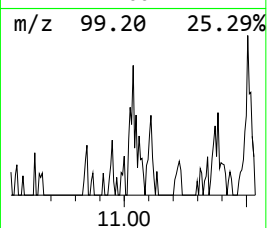
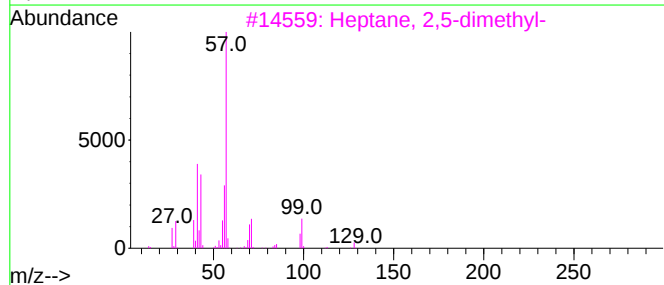
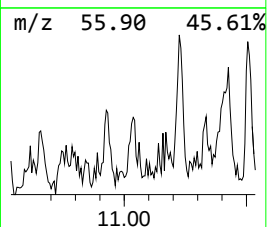
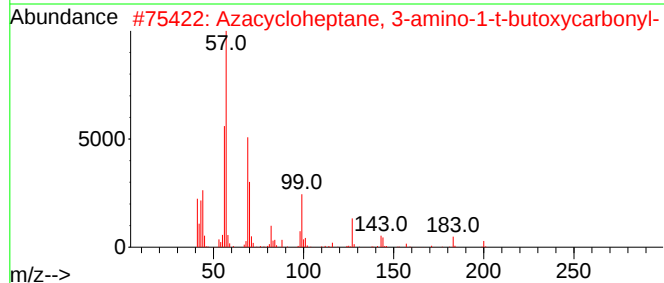
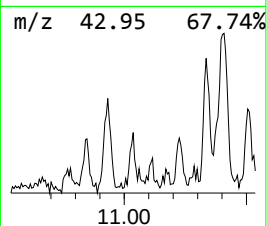
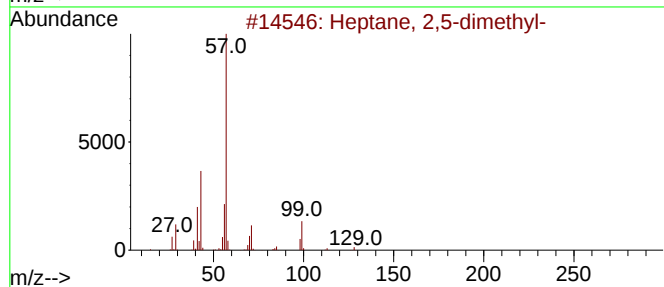
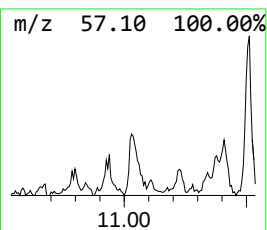
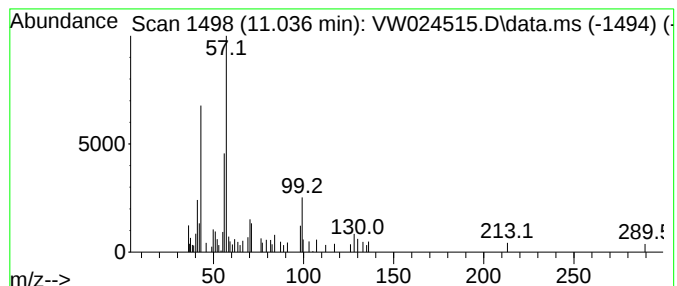
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	1.37 ug/L	7998	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	46
2			Azacycloheptane, 3-amino-1-t-but...	200	C10H20N2O2	1000126-78-8	45
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43
4			Octane, 3-methyl-	128	C9H20	002216-33-3	38
5			Octane, 3-methyl-	128	C9H20	002216-33-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COZK3

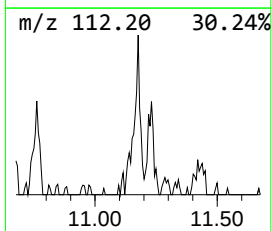
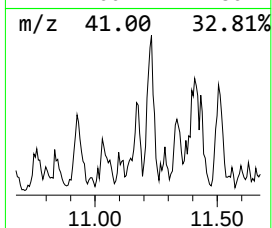
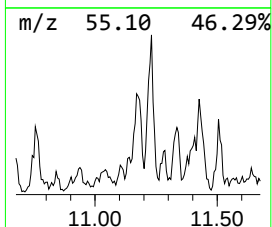
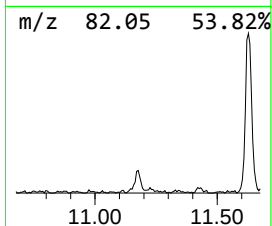
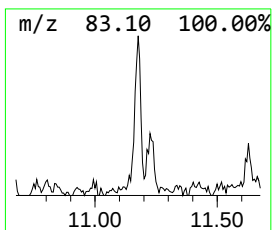
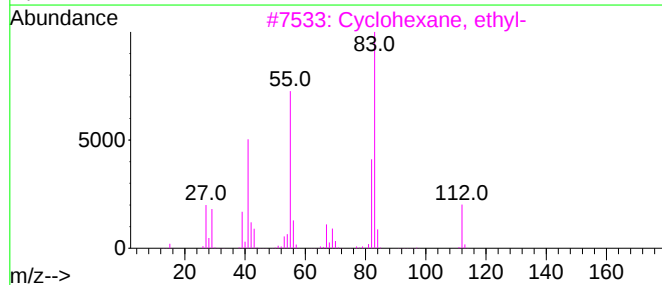
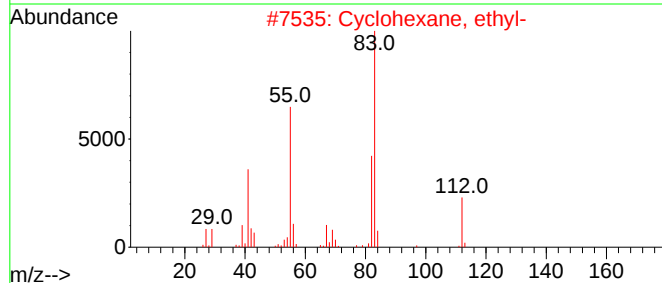
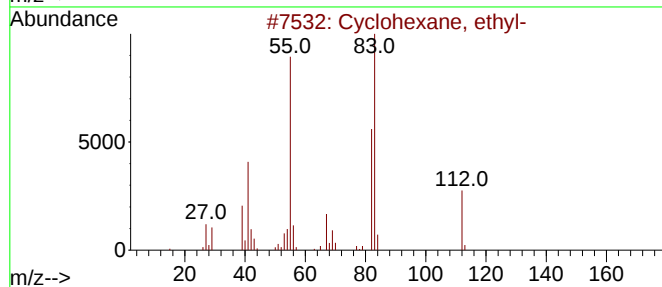
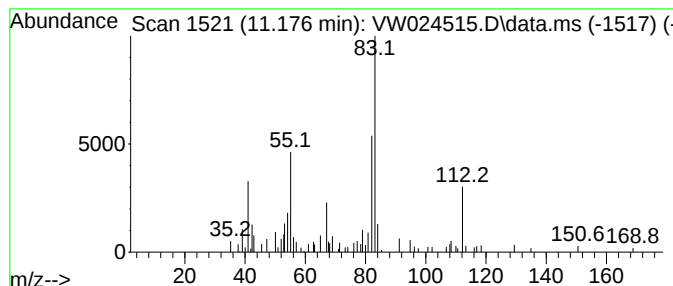
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic11.176 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.176	3.27 ug/L	19097	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
5			Succinic acid, 2-methylpent-3-yl...	284	C16H28O4	1000391-11-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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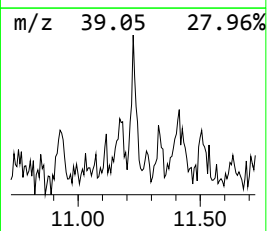
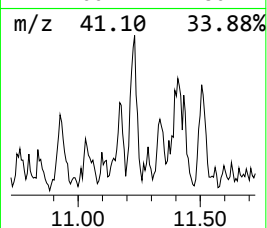
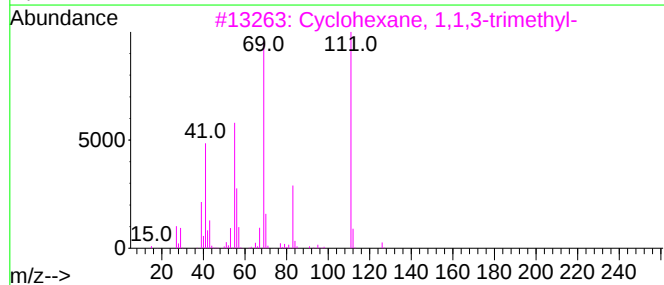
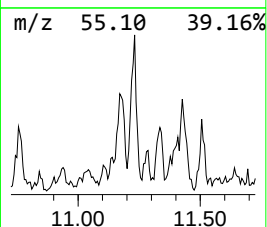
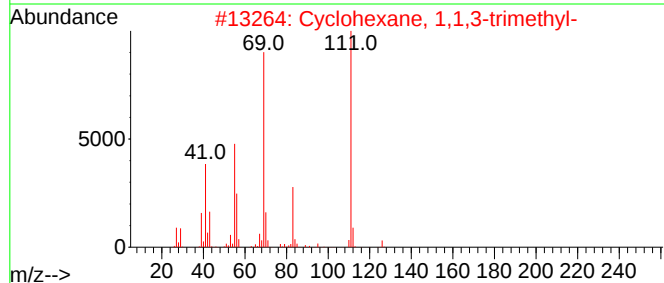
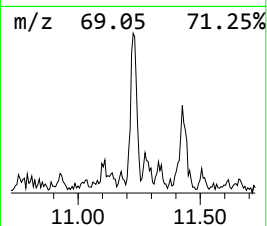
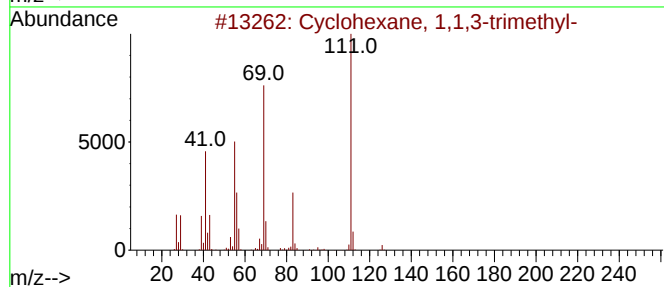
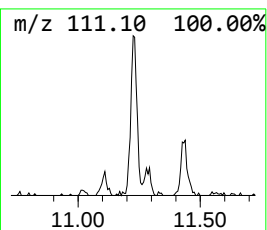
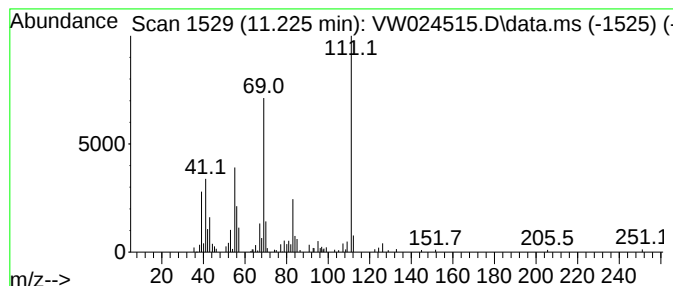
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic11.225 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	8.51 ug/L	49714	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
5			Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

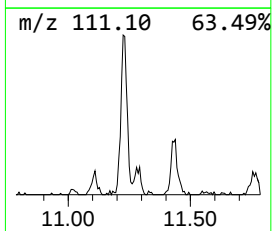
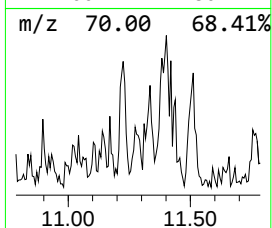
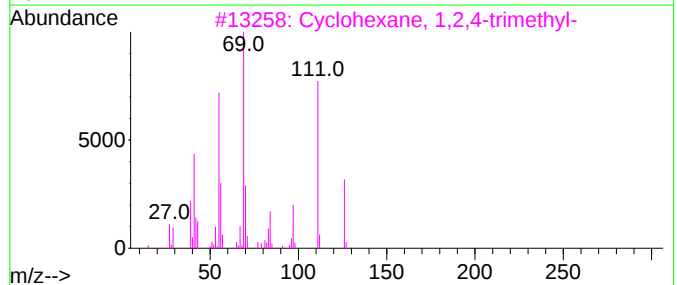
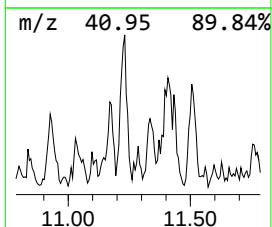
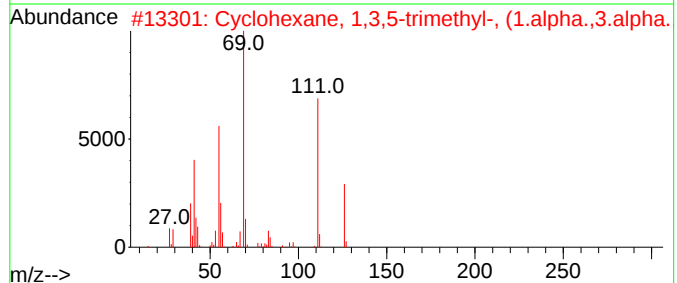
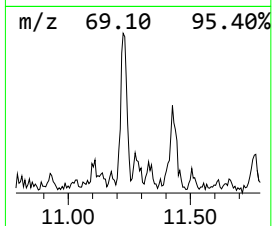
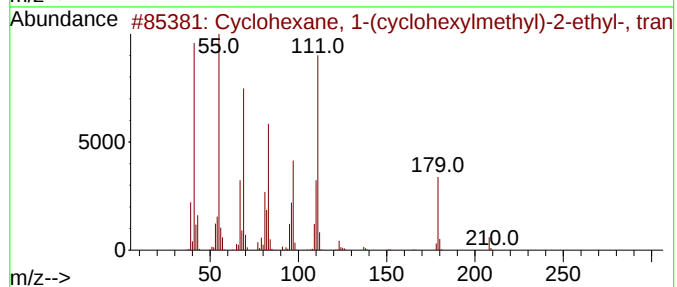
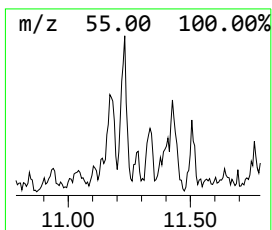
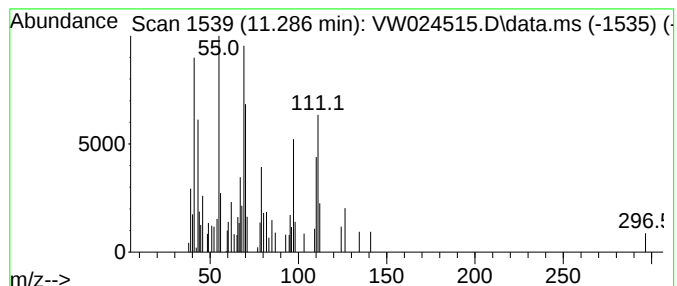
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	1.26 ug/L	7343	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)-	208	C15H28	054934-92-8	27
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	22
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	22
4			4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	22
5			2,4-Decadienoic acid, methyl est...	182	C11H18O2	108965-84-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

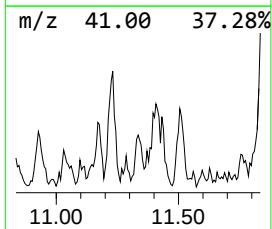
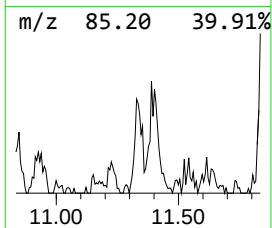
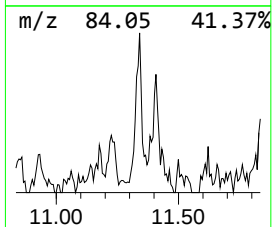
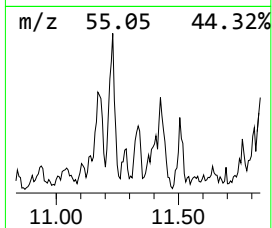
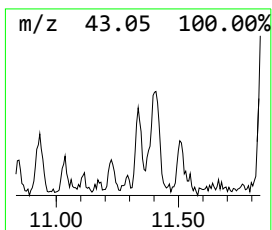
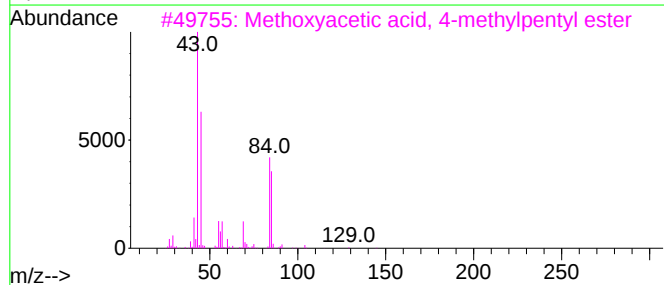
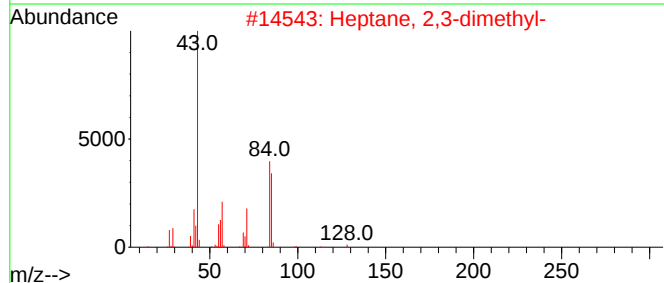
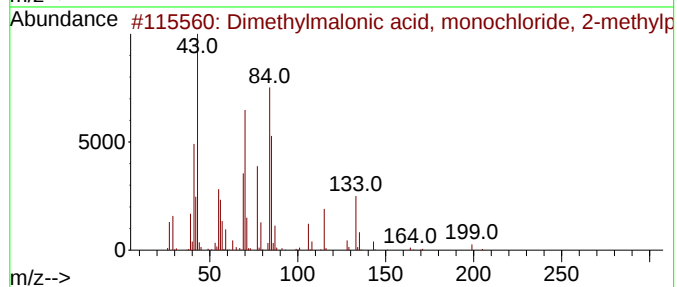
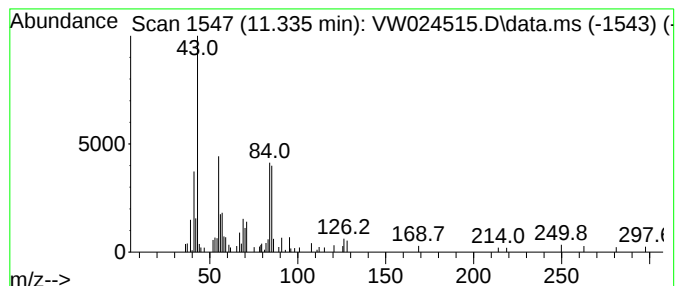
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Quant Title : SFAM01.0

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

Peak Number 16 Dimethylmalonic acid, monoc... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	2.80 ug/L	16334	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethylmalonic acid, monochlori...	234	C11H19ClO3	1000361-80-5	64
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
3			Methoxyacetic acid, 4-methylpent...	174	C9H18O3	1000282-41-2	53
4			Nonane, 5-methyl-	142	C10H22	015869-85-9	53
5			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

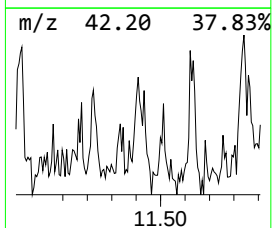
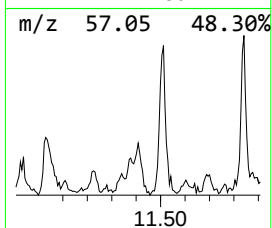
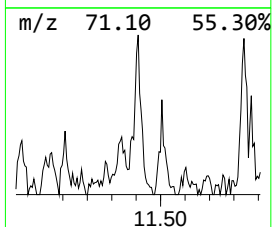
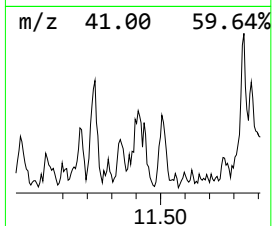
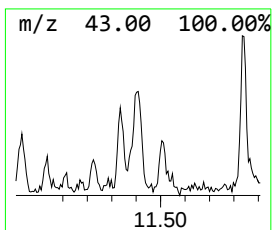
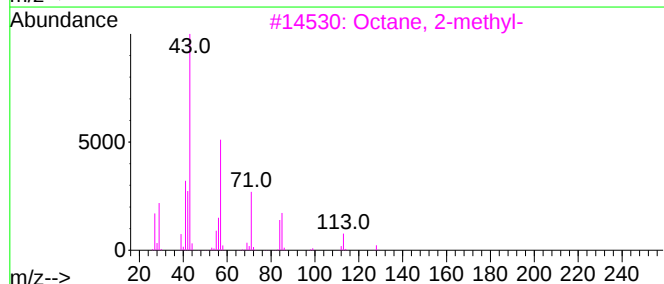
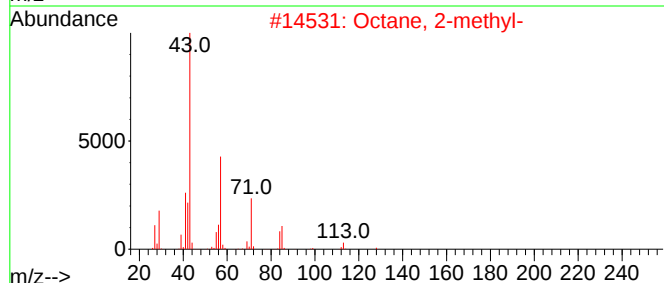
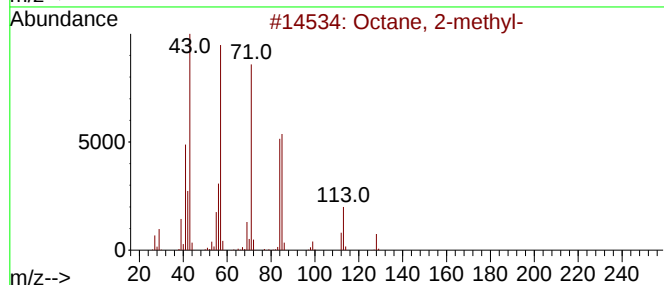
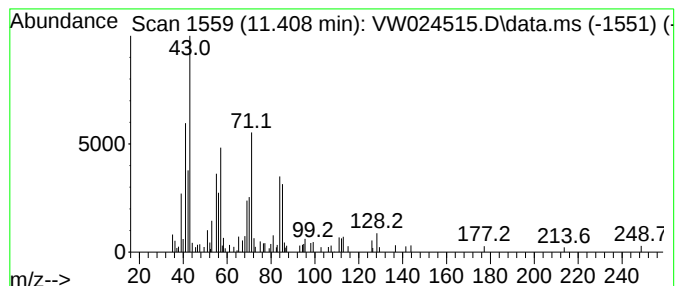
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.408	4.76 ug/L	27838	Chlorobenzene-d5		11.627	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-		128	C9H20	003221-61-2	62
2	Octane, 2-methyl-		128	C9H20	003221-61-2	53
3	Octane, 2-methyl-		128	C9H20	003221-61-2	53
4	Undecane, 4,8-dimethyl-		184	C13H28	017301-33-6	47
5	Hydroxylamine, O-(3-methylbutyl)-		103	C5H13NO	019411-65-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

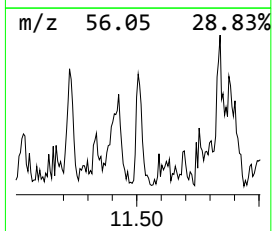
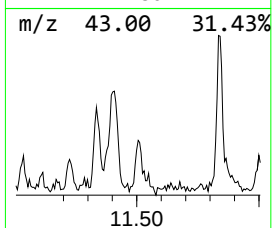
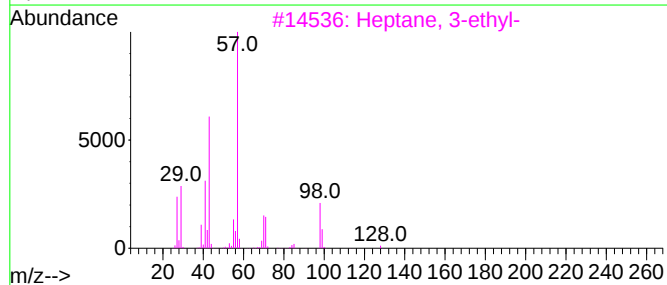
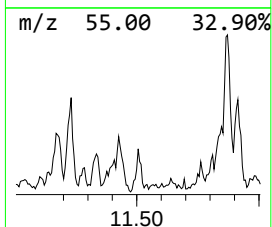
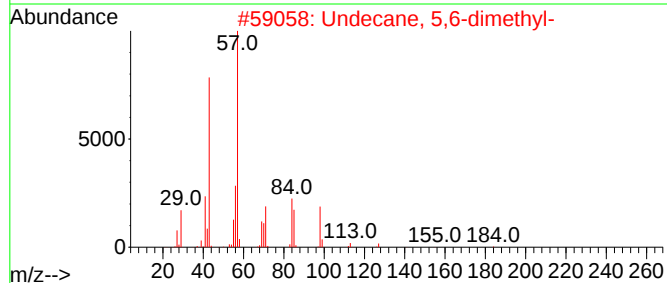
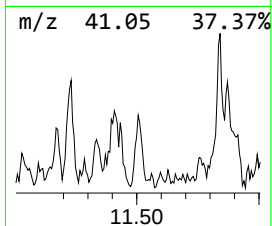
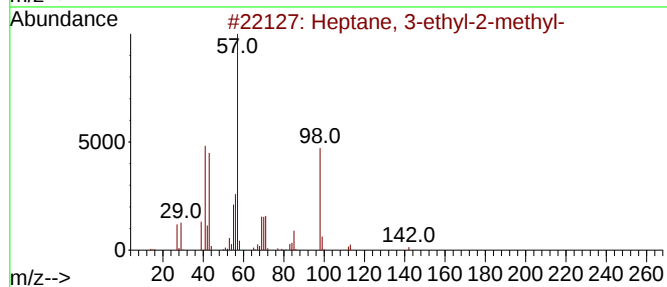
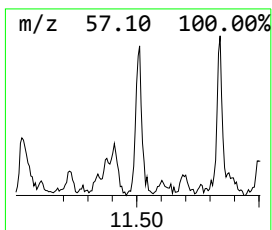
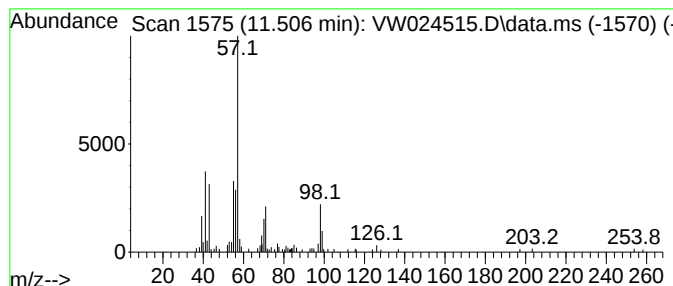
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.506	4.85 ug/L	28359	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
3			Heptane, 3-ethyl-	128	C9H20	015869-80-4	58
4			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	53
5			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

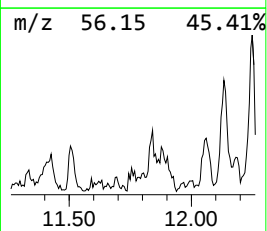
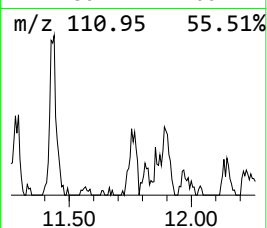
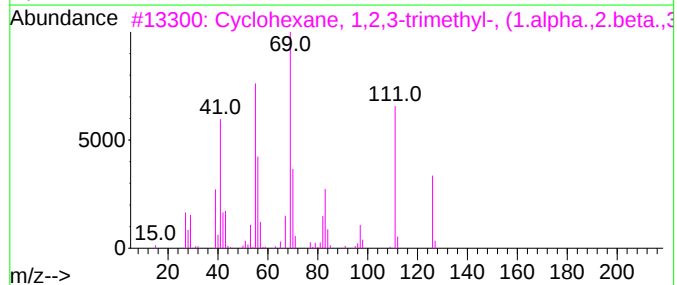
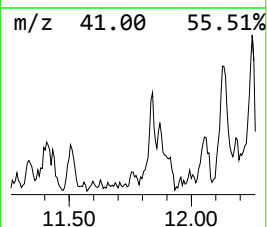
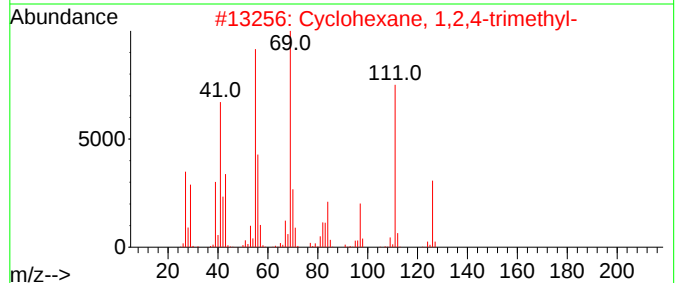
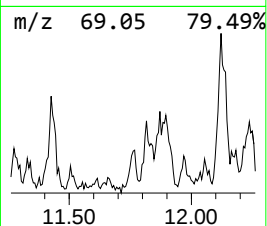
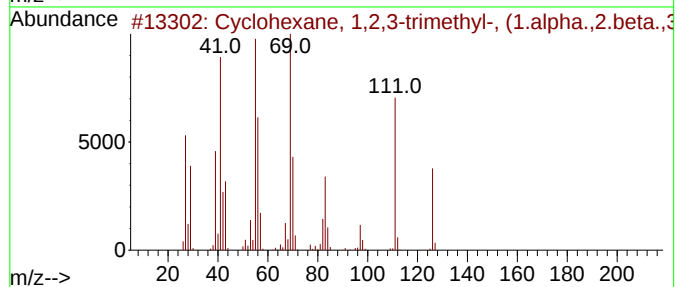
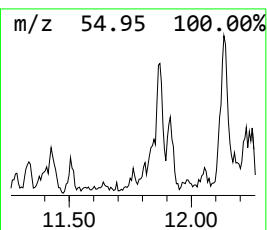
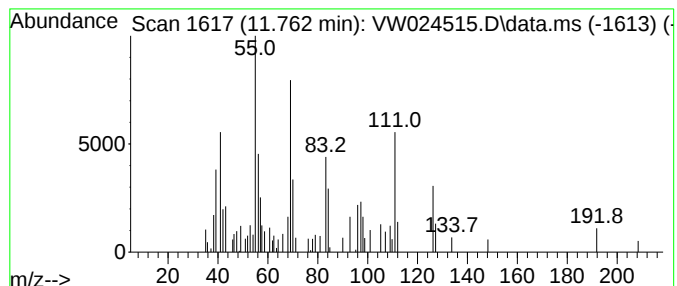
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic11.762 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.762	1.82 ug/L	10643	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	55
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
3			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	46
4			Cyclooctane, methyl-	126	C9H18	001502-38-1	38
5			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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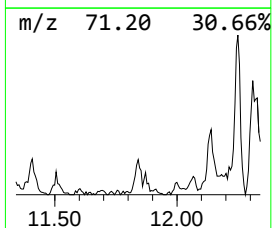
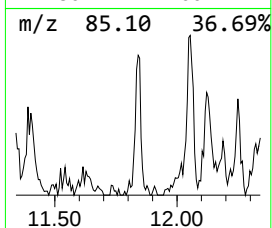
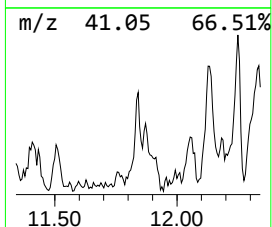
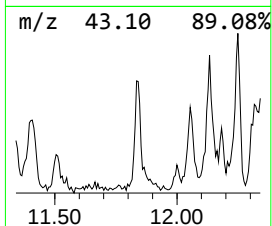
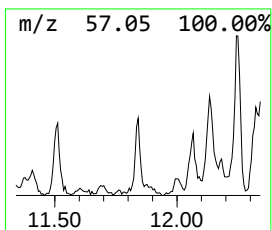
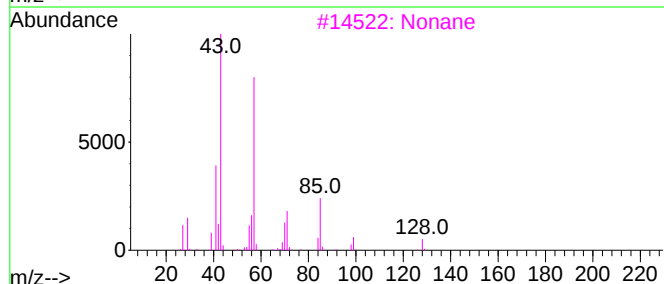
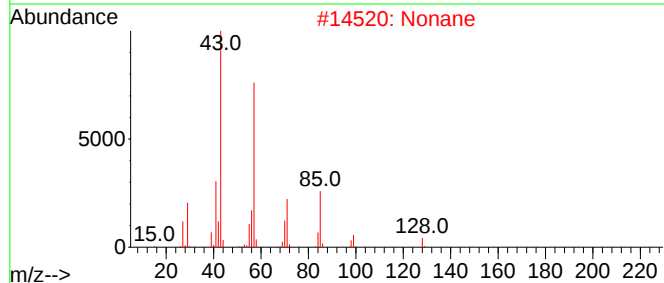
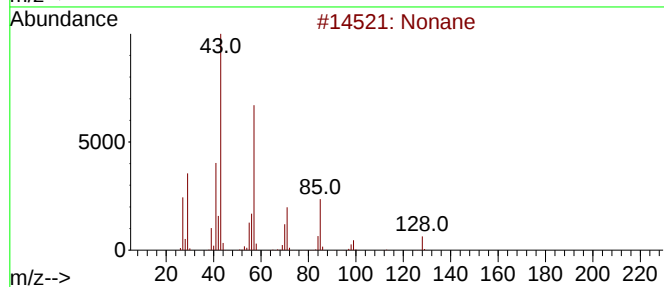
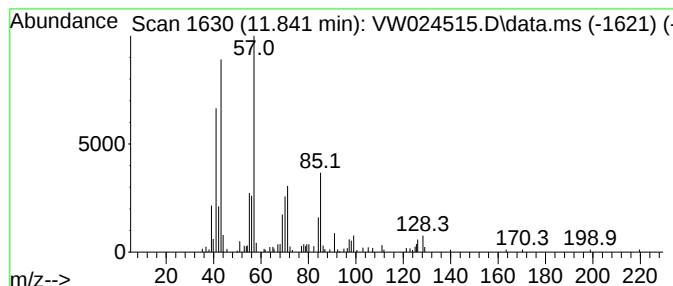
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	10.46 ug/L	61088	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	90
2	Nonane			128	C9H20	000111-84-2	90
3	Nonane			128	C9H20	000111-84-2	90
4	Nonane			128	C9H20	000111-84-2	76
5	Carbonic acid, nonyl prop-1-en-2...			228	C13H24O3	1000382-53-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

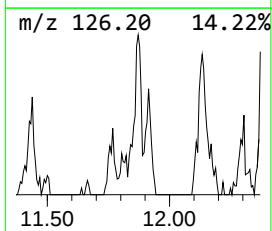
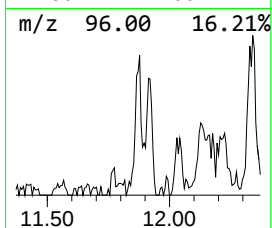
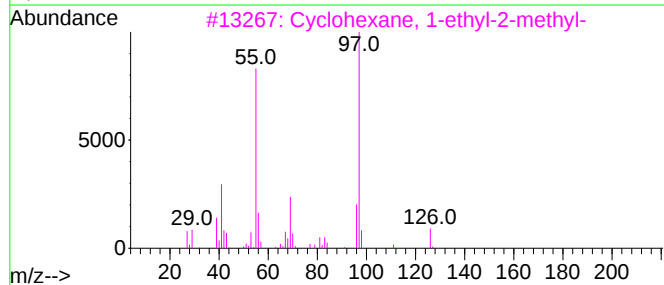
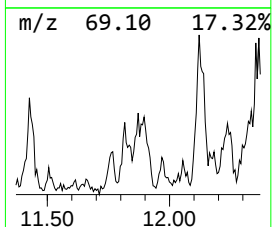
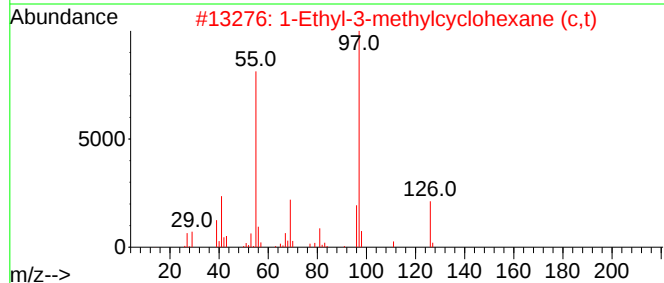
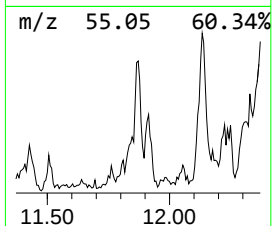
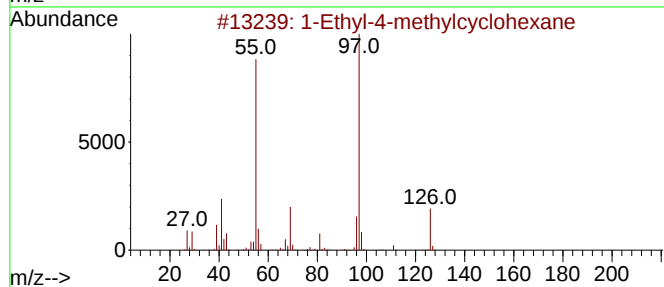
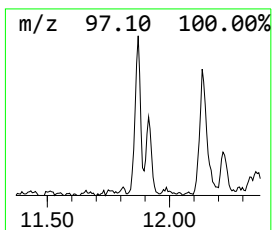
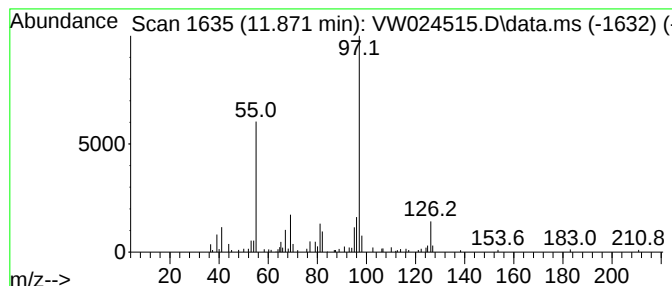
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.871	5.84 ug/L	34131	Chlorobenzene-d5	11.627

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
4		Succinic acid, cyclohexylmethyl ...	282	C16H26O4	1000391-16-0	59
5		Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

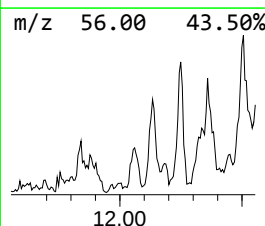
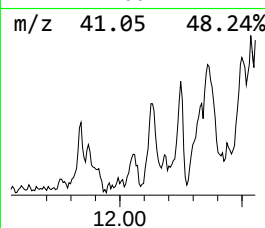
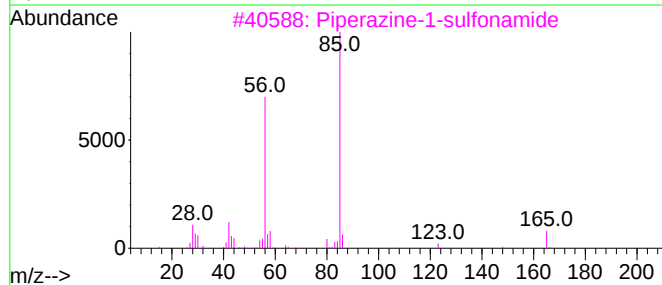
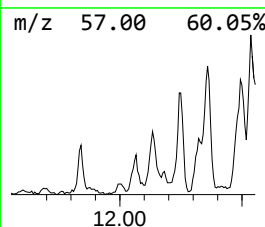
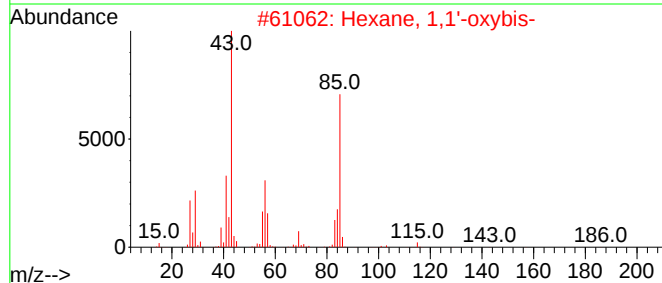
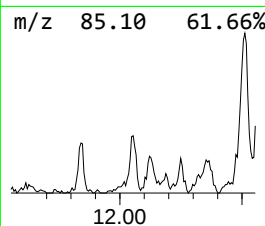
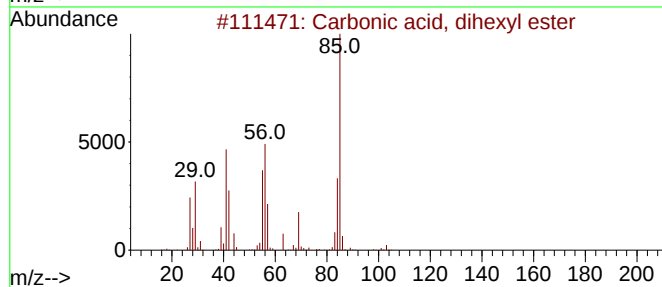
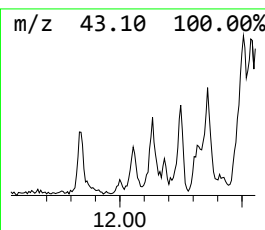
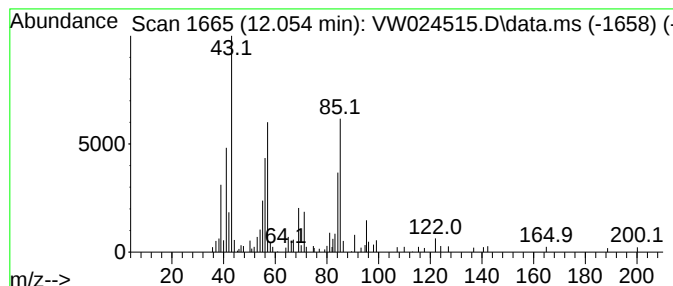
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Quant Title : SFAM01.0

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

Peak Number 22 Carbonic acid, dihexyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.054	7.03 ug/L	41085	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dihexyl ester	230	C13H26O3	007523-15-1	59
2			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	50
3			Piperazine-1-sulfonamide	165	C4H11N3O2S	005906-30-9	49
4			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	49
5			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

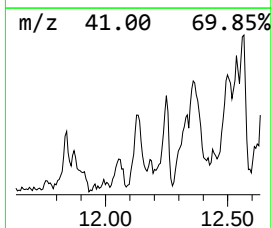
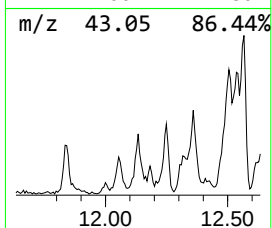
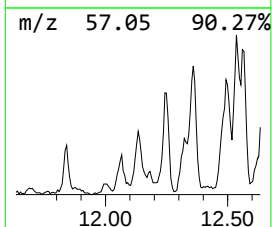
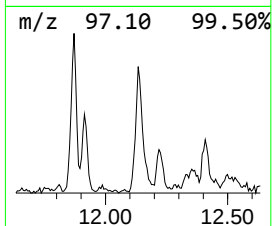
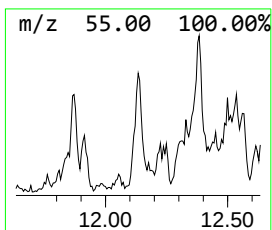
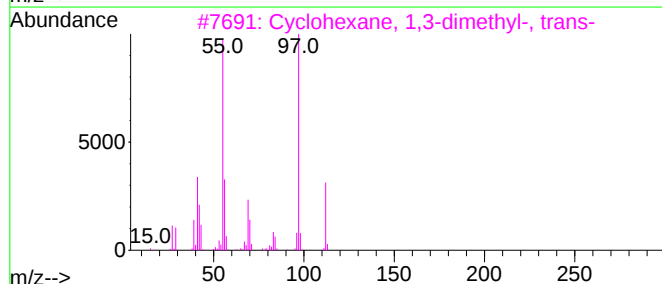
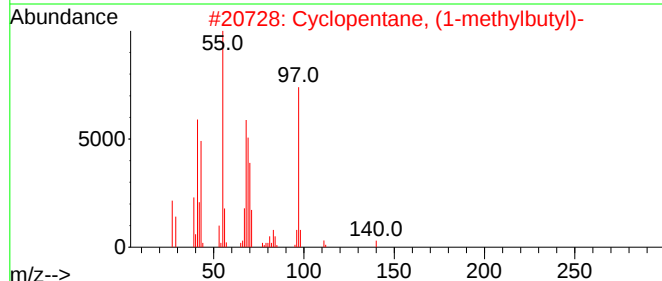
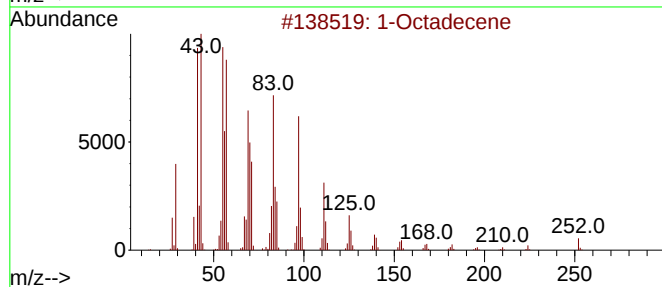
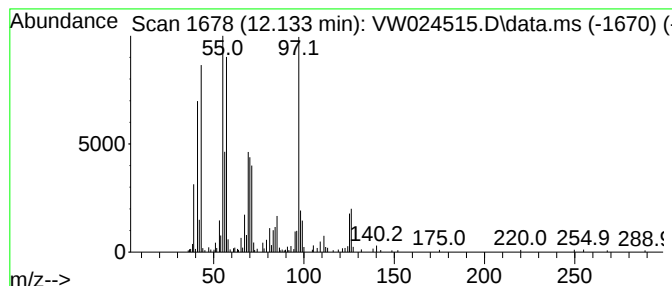
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	22.81 ug/L	133271	Chlorobenzene-d5	11.627

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecene	252	C18H36	000112-88-9	58
2		Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	46
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
4		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	38
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

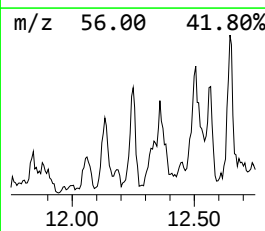
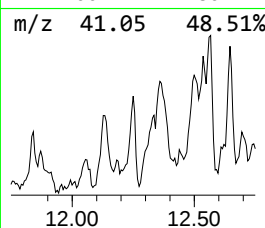
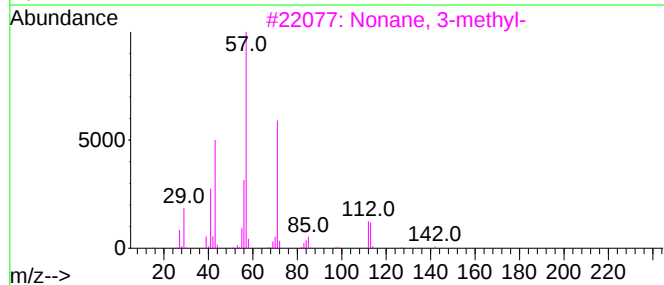
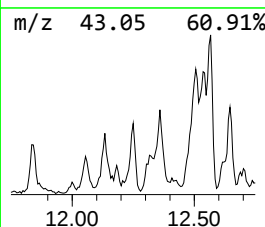
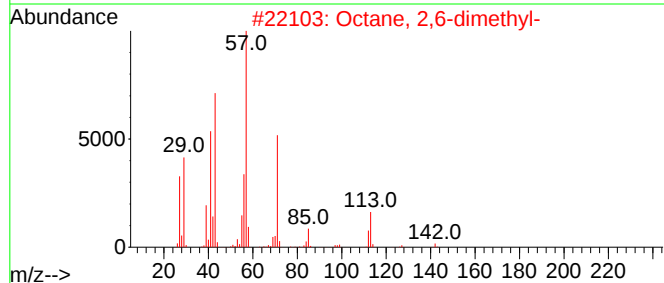
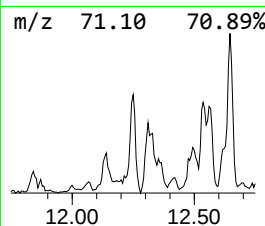
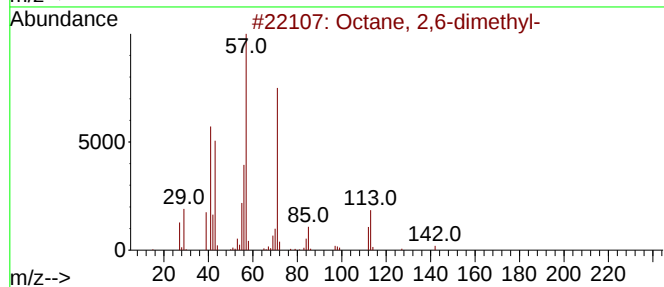
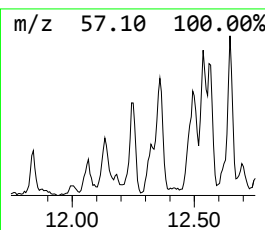
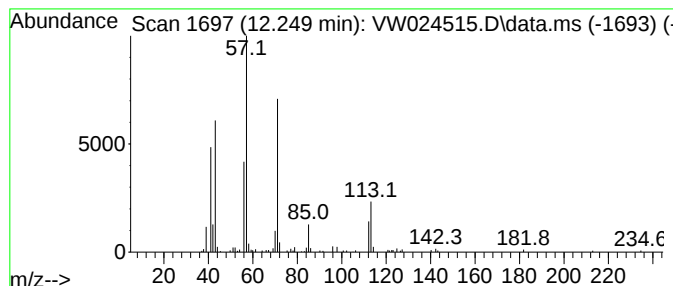
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	13.13 ug/L	76687	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
2	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-			142	C10H22	005911-04-6	80
4	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	72
5	Nonane, 3-methyl-			142	C10H22	005911-04-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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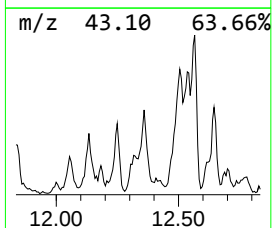
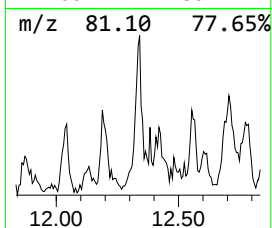
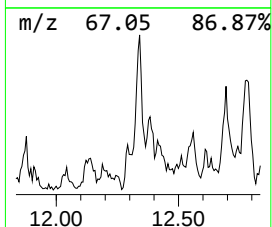
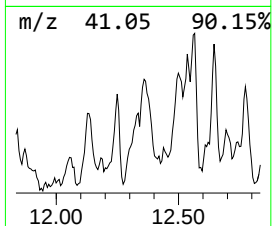
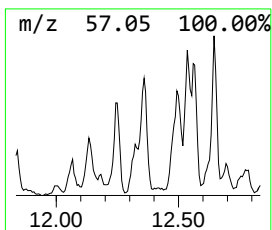
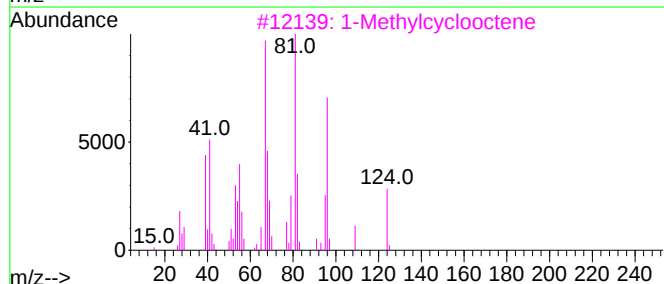
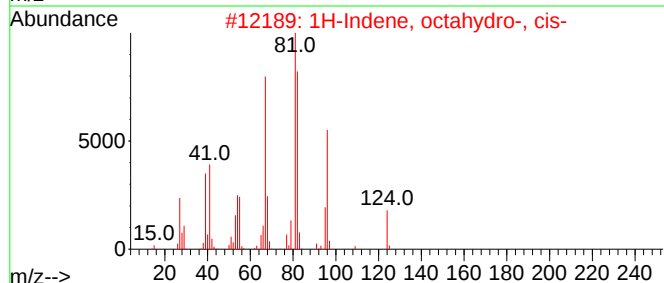
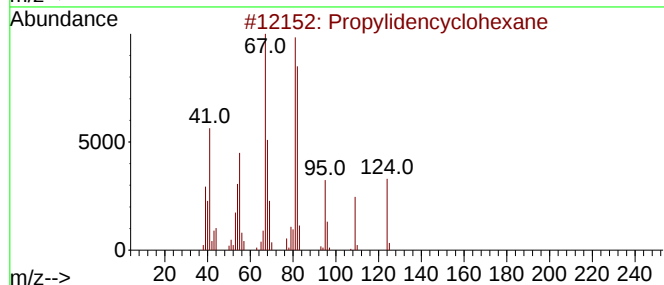
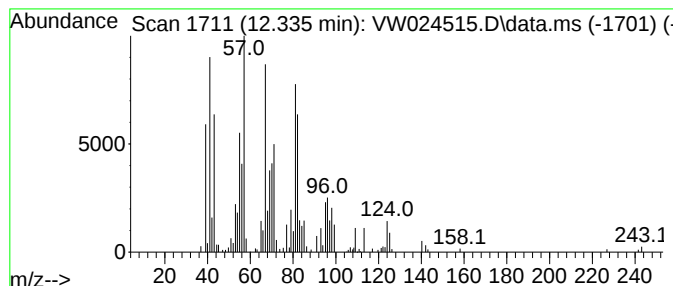
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Quant Title : SFAM01.0

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

Peak Number 25 Propylidencyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	20.99 ug/L	122644	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylidencyclohexane	124	C9H16	002129-93-3	60
2			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	49
3			1-Methylcyclooctene	124	C9H16	000933-11-9	45
4			Cyclohexane, isocyanato-	125	C7H11NO	003173-53-3	41
5			Cyclohexane, isocyanato-	125	C7H11NO	003173-53-3	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

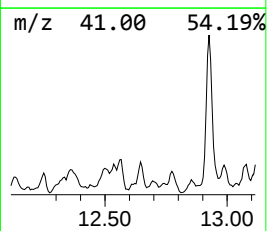
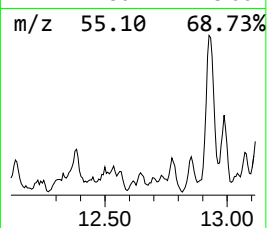
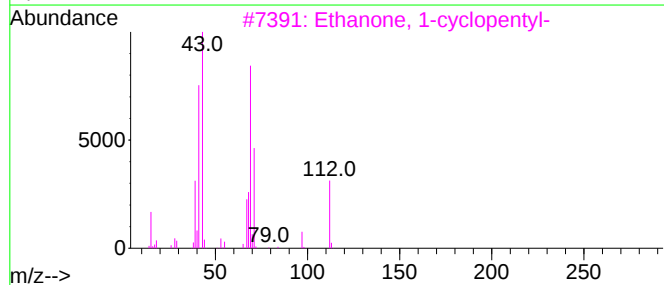
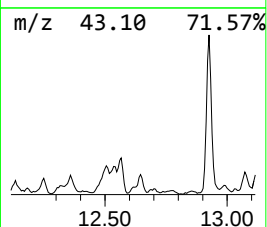
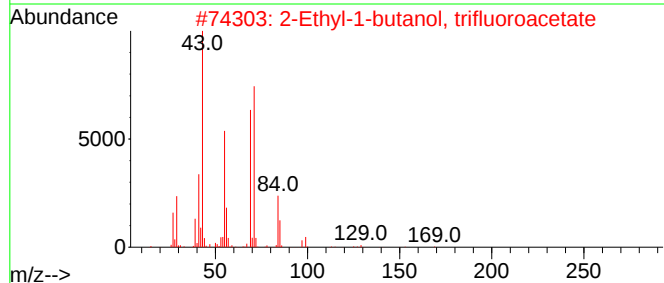
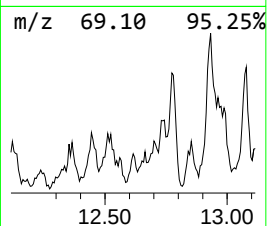
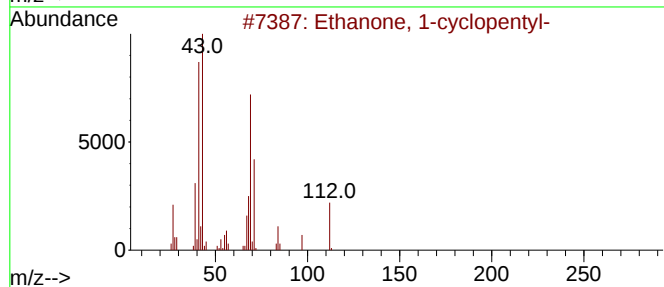
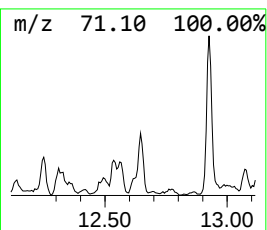
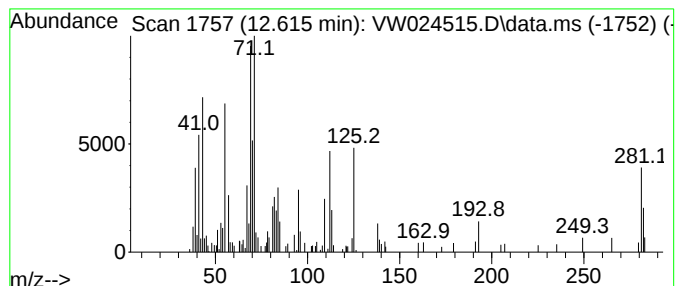
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	8.29 ug/L	40704	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	38
2			2-Ethyl-1-butanol, trifluoroacetate	198	C8H13F3O2	116464-98-3	35
3			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	27
4			1-Heptafluorobutyryloxy-2-methyl...	298	C10H13F7O2	155089-98-8	27
5			3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

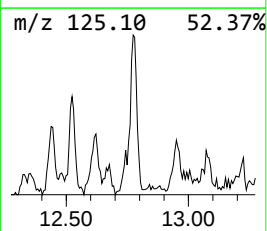
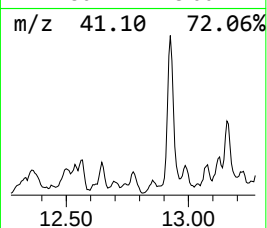
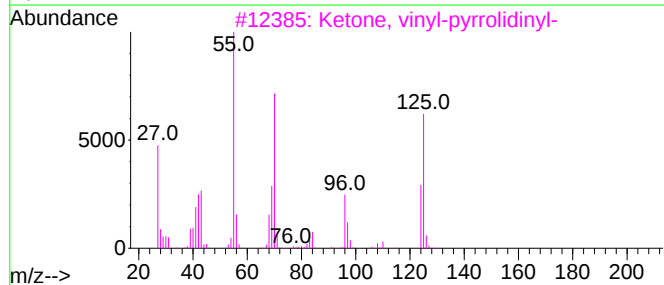
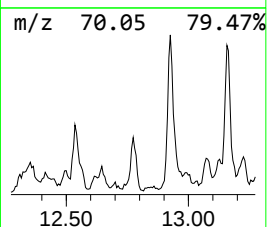
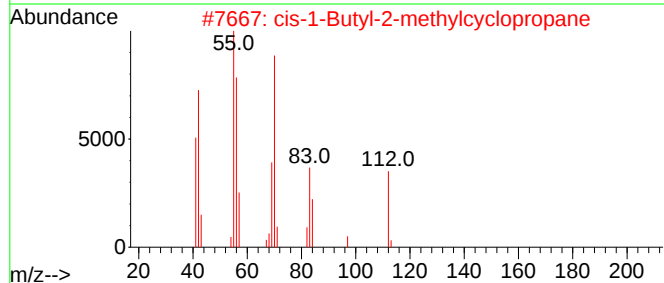
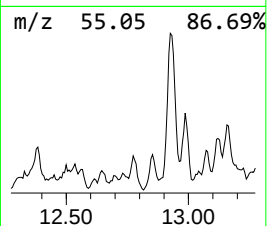
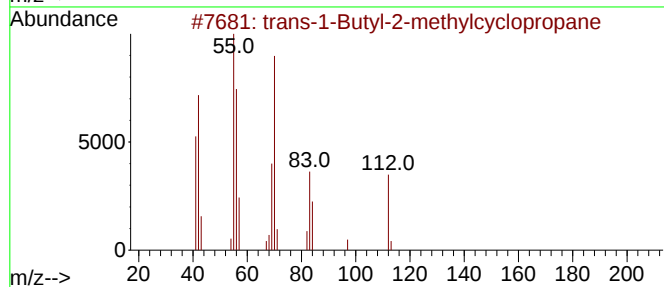
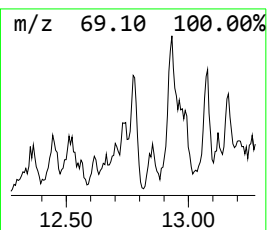
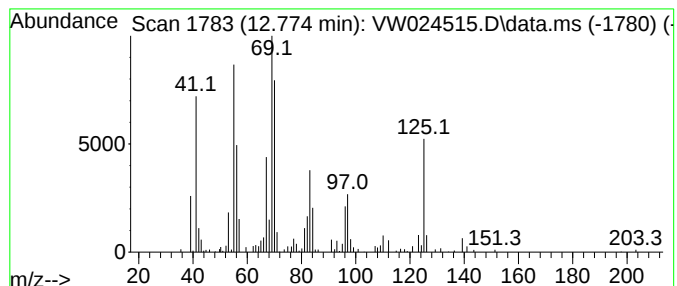
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	26.76 ug/L	131319	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	45
2		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	41
3		Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	38
4		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	38
5		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

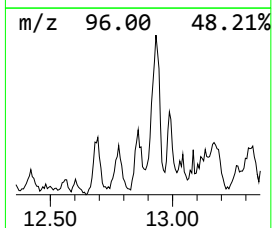
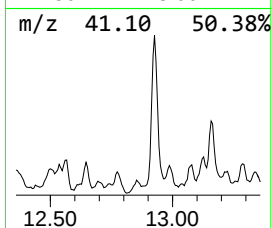
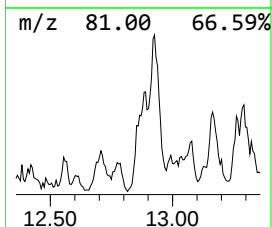
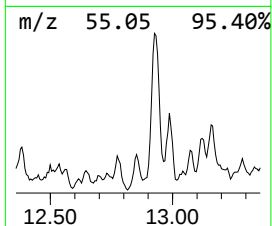
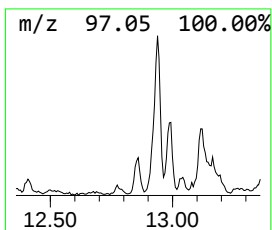
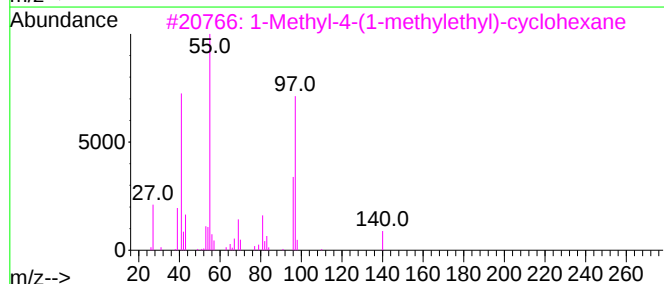
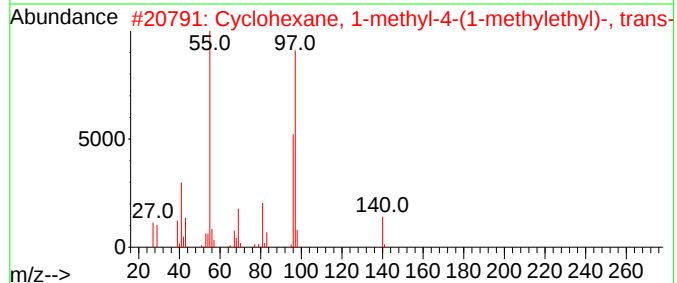
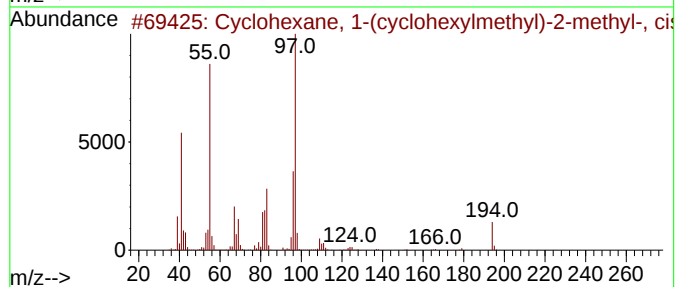
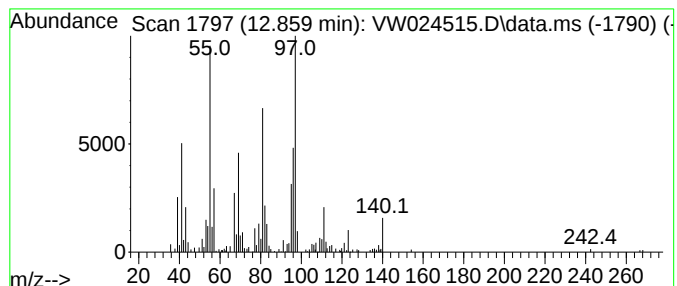
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Quant Title : SFAM01.0

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

Peak Number 28 Cyclohexane, 1-(cyclohexylm... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	21.95 ug/L	107726	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054824-04-3	59
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
4			Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	53
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

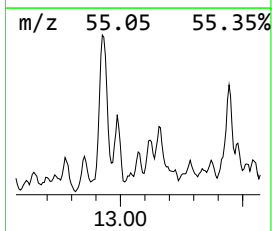
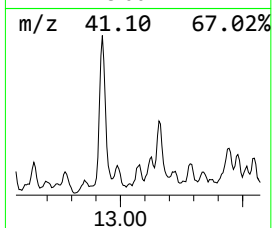
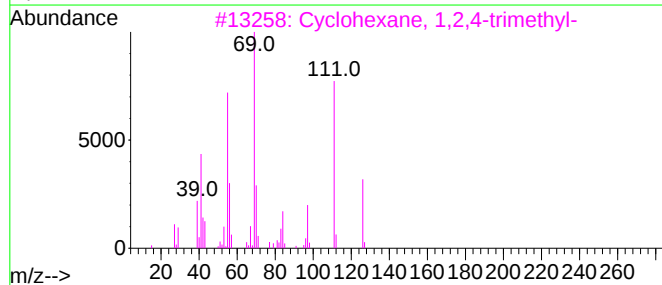
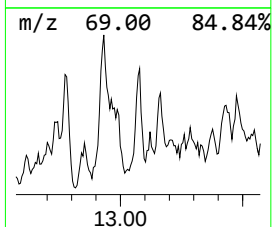
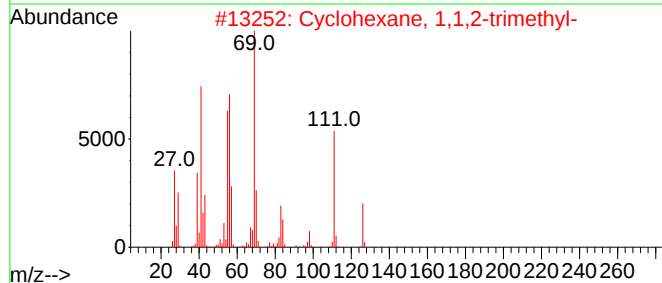
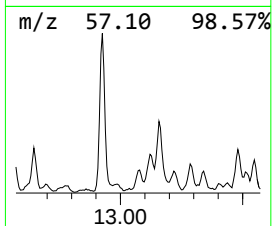
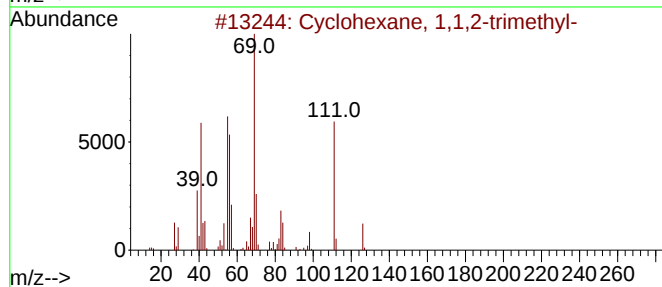
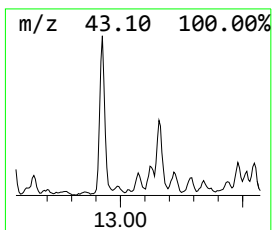
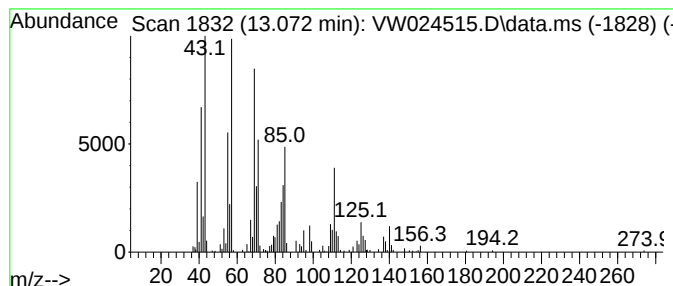
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic13.072 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.072	22.75 ug/L	111648	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	45
2	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	45
3	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	43
4	Cyclohexane, 1,2,3-trimethyl-, (...)		126	C9H18	001678-81-5	38
5	4-Nonene, 2-methyl-		140	C10H20	055724-84-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

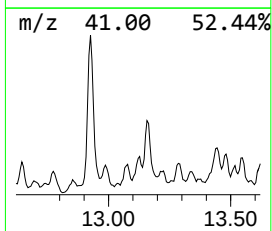
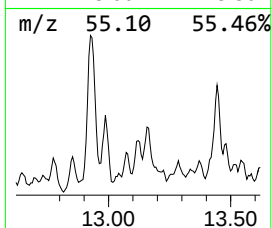
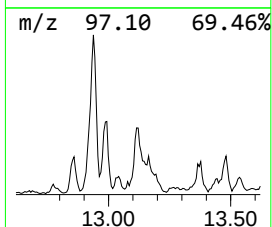
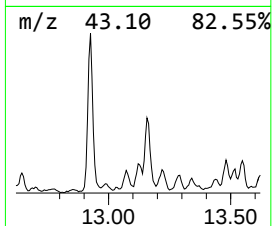
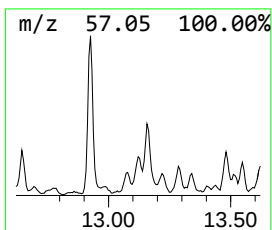
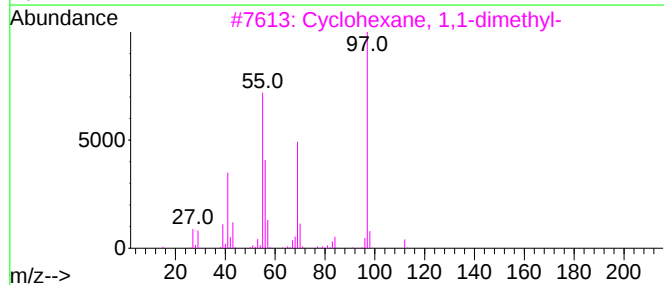
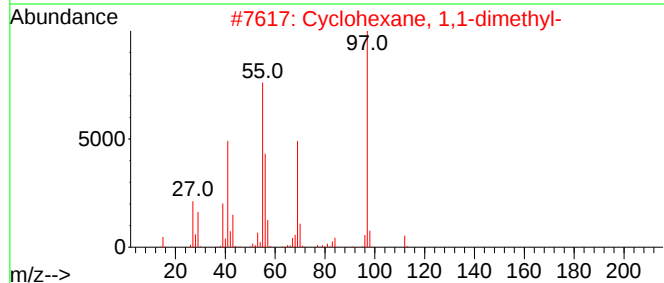
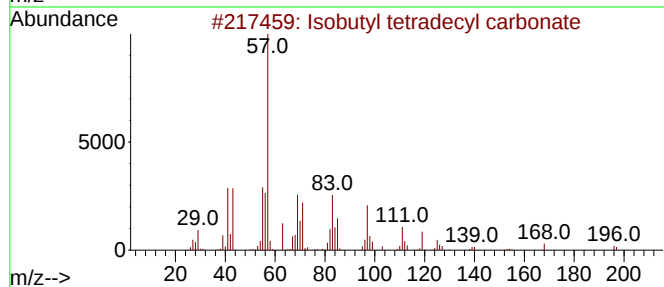
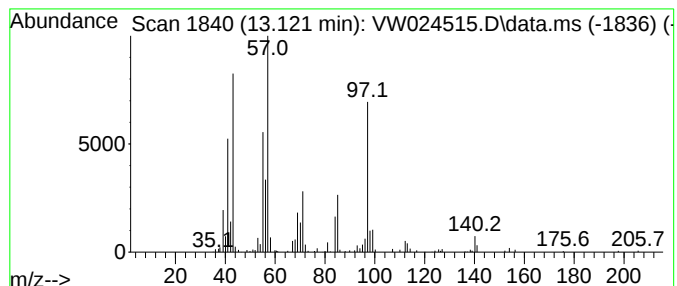
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 30 Isobutyl tetradecyl carbonate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.121	23.72 ug/L	116412	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Isobutyl tetradecyl carbonate		314	C19H38O3	959275-58-2	59
2	Cyclohexane, 1,1-dimethyl-		112	C8H16	000590-66-9	50
3	Cyclohexane, 1,1-dimethyl-		112	C8H16	000590-66-9	45
4	Cyclohexane, 1,1-dimethyl-		112	C8H16	000590-66-9	45
5	Decane, 5-methyl-		156	C11H24	013151-35-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

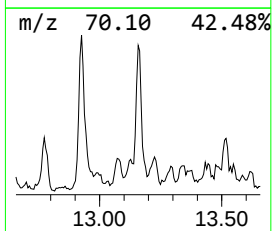
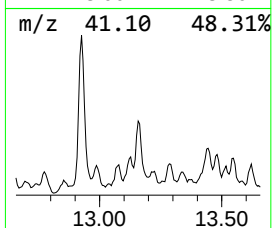
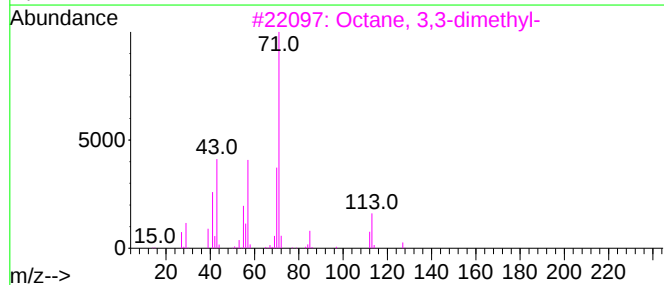
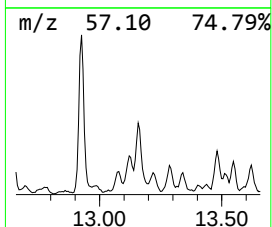
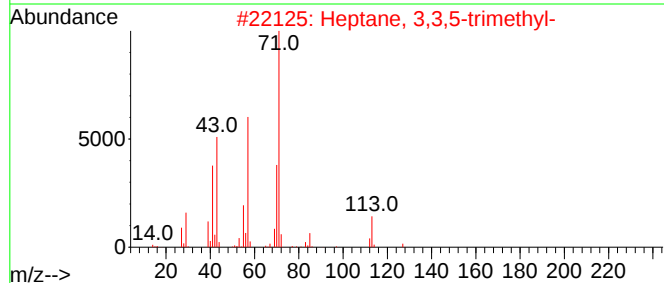
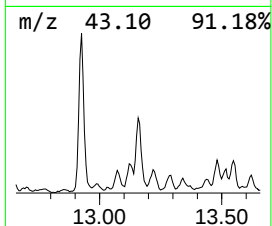
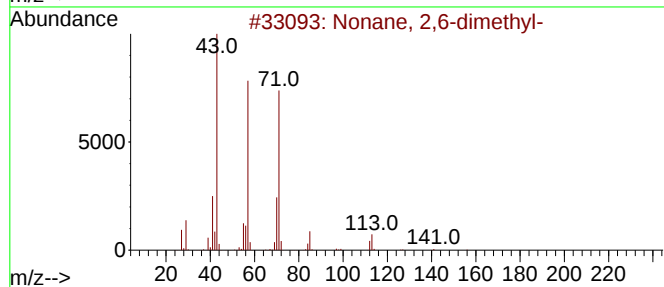
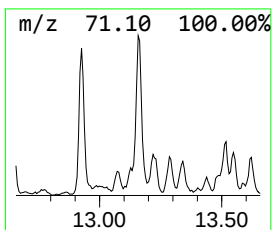
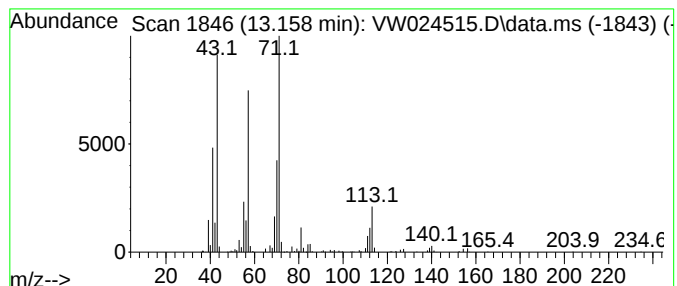
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.158	52.92 ug/L	259731	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
5		Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

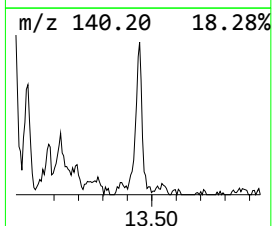
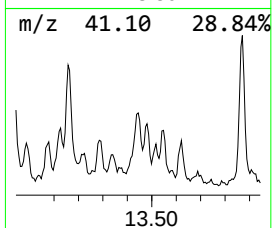
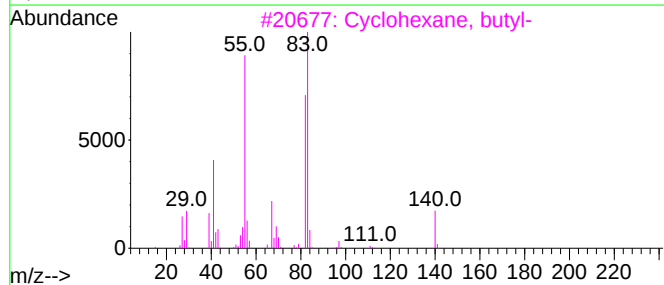
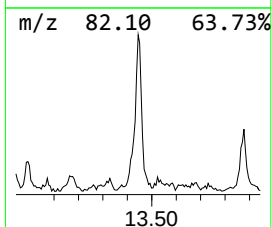
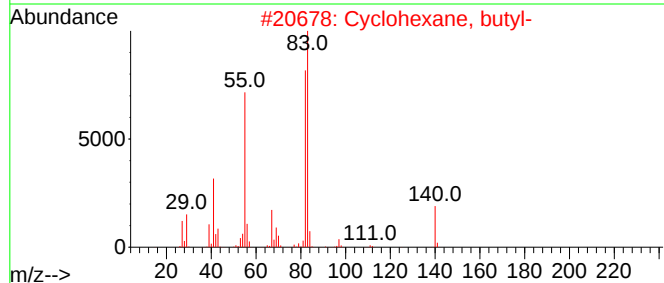
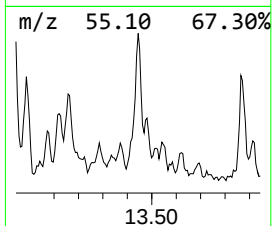
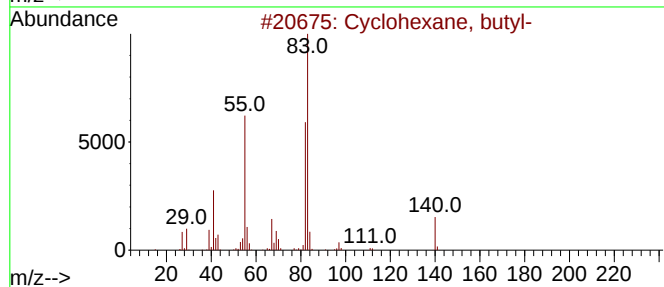
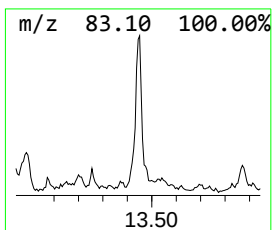
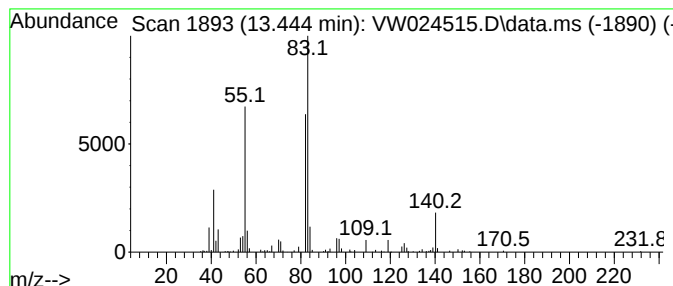
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Cyclic13.444 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	23.02 ug/L	112985	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

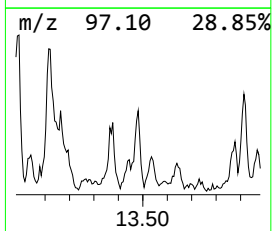
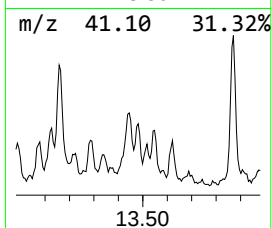
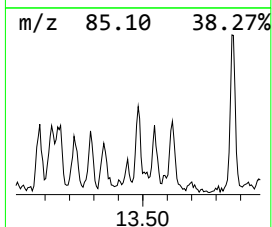
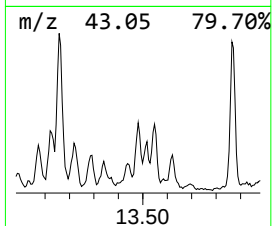
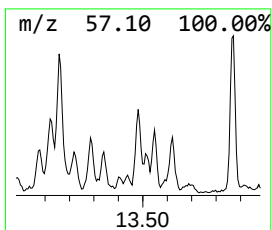
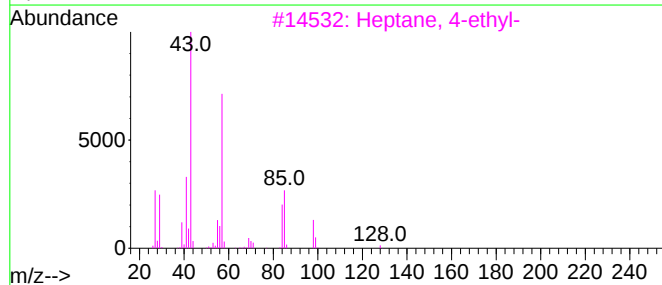
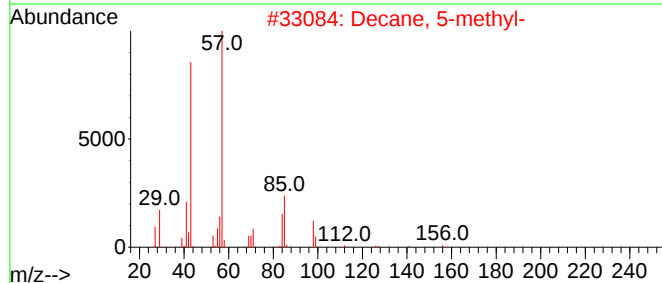
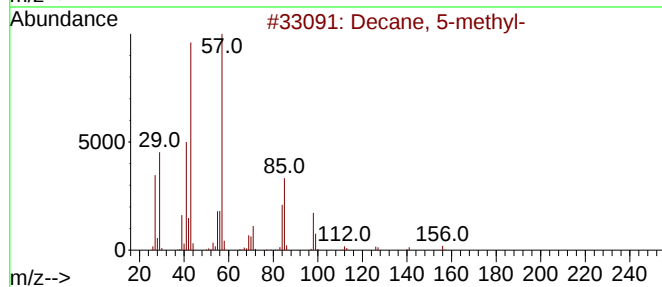
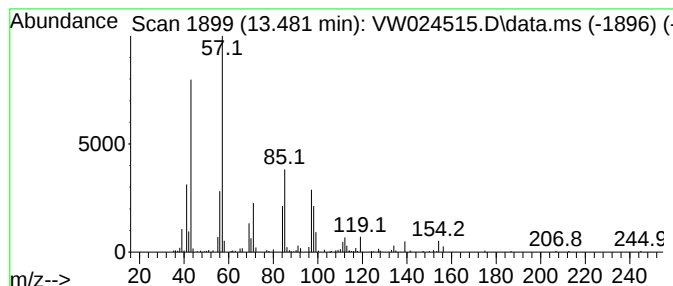
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	16.41 ug/L	80536	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	64
2			Decane, 5-methyl-	156	C11H24	013151-35-4	58
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

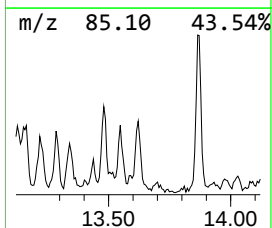
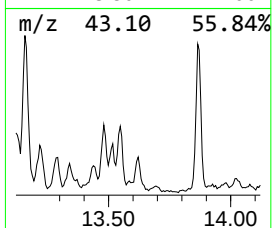
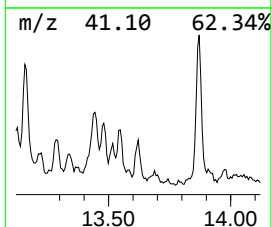
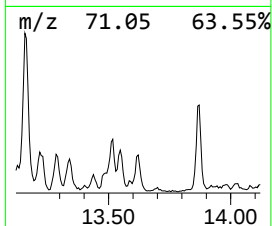
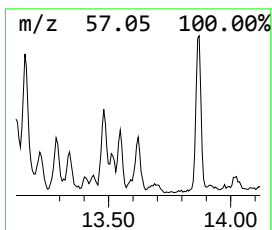
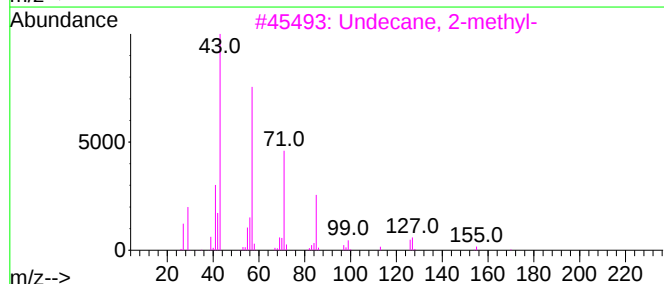
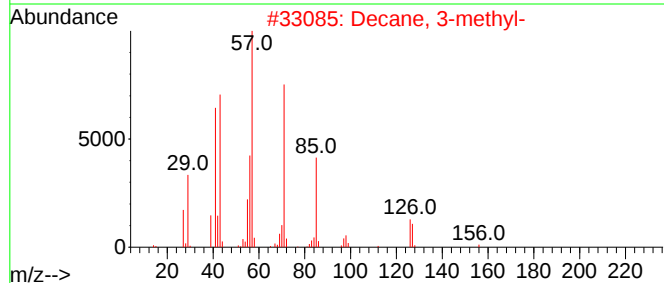
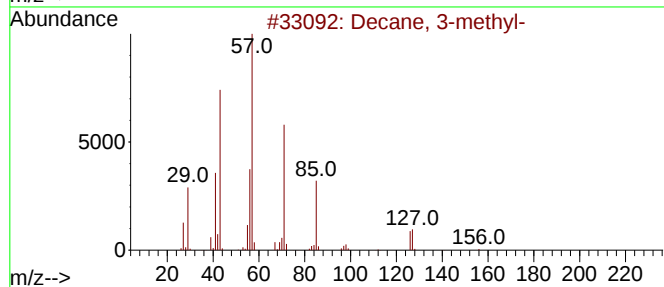
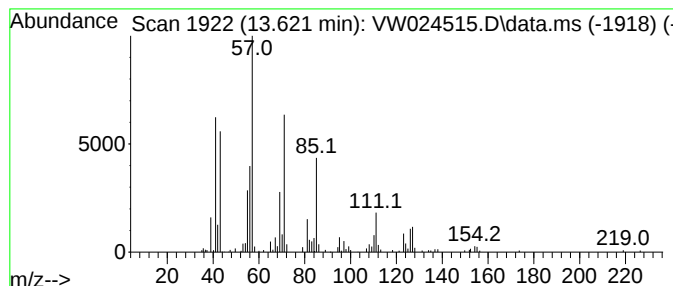
Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.621	17.23 ug/L	84563	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	87
2	Decane, 3-methyl-		156	C11H24	013151-34-3	72
3	Undecane, 2-methyl-		170	C12H26	007045-71-8	59
4	Undecane, 3-methyl-		170	C12H26	001002-43-3	59
5	2-Bromotetradecane		276	C14H29Br	074036-95-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

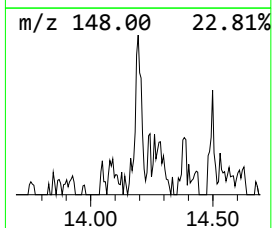
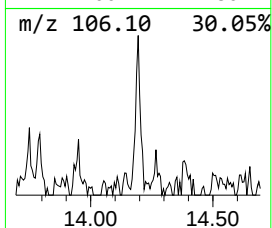
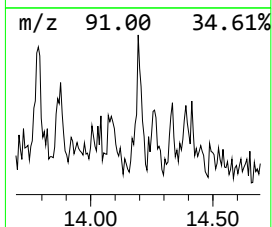
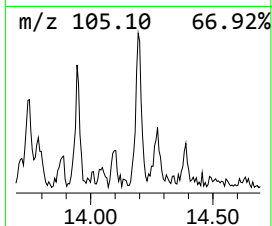
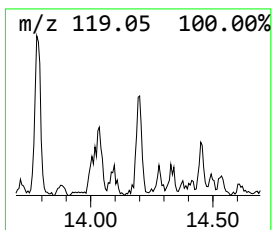
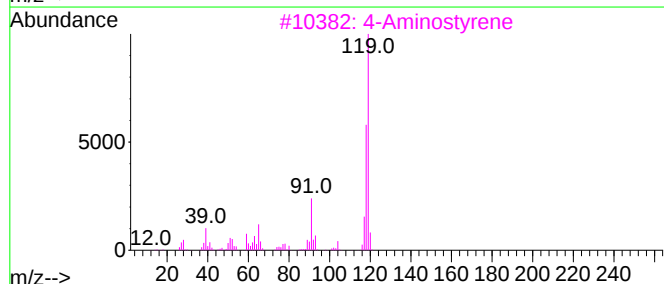
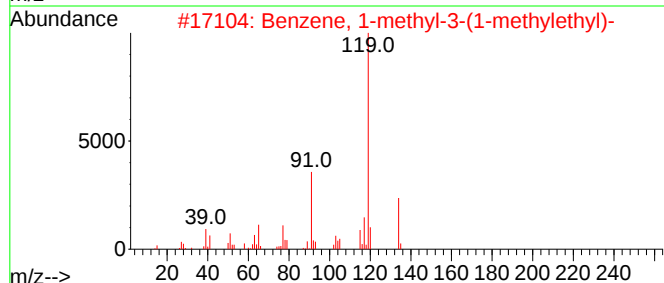
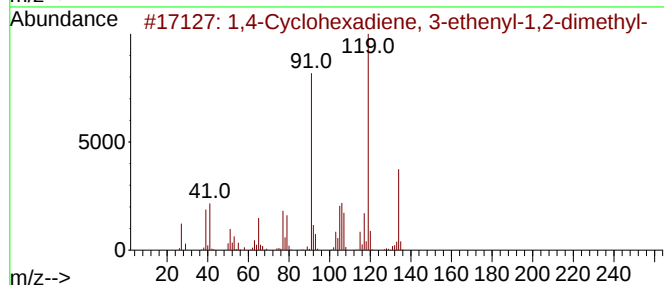
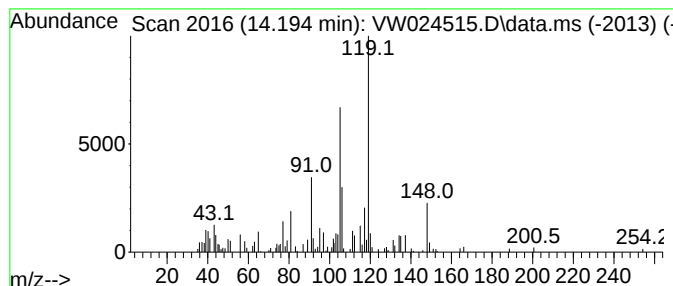
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Quant Title : SFAM01.0

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

Peak Number 35 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	6.71 ug/L	32946	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	58
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
3			4-Aminostyrene	119	C8H9N	001520-21-4	46
4			4'-Methylpropiophenone	148	C10H12O	005337-93-9	46
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

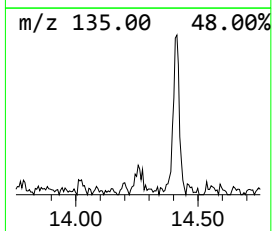
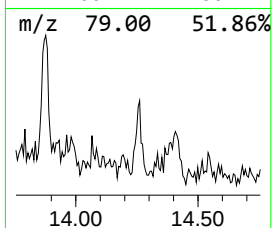
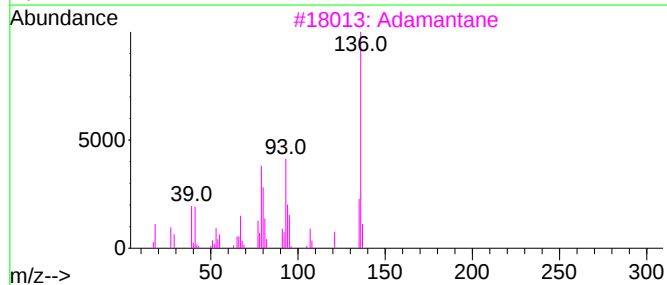
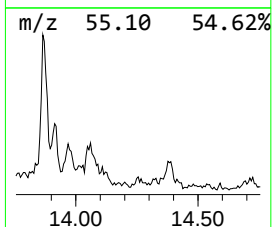
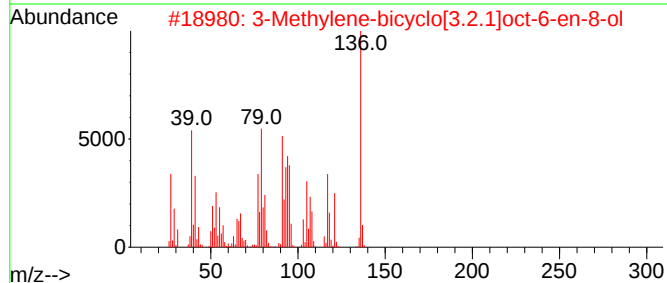
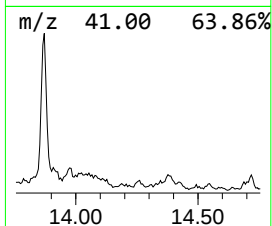
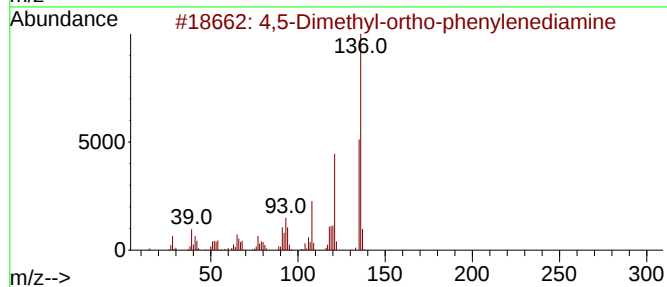
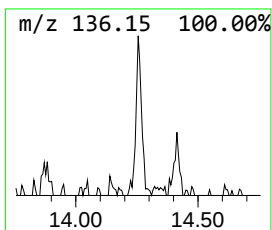
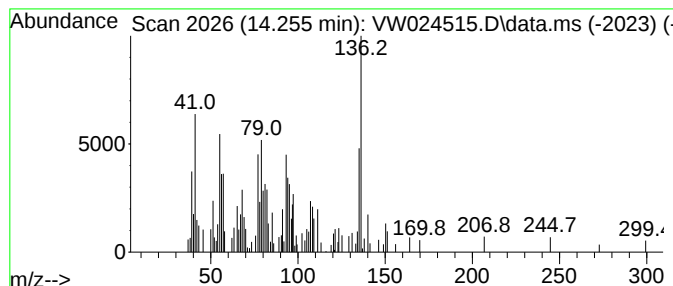
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Quant Title : SFAM01.0

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

Peak Number 36 4,5-Dimethyl-ortho-phenylen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	7.23 ug/L	35470	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,5-Dimethyl-ortho-phenylenediamine	136	C8H12N2	003171-45-7	58
2			3-Methylene-bicyclo[3.2.1]oct-6-...	136	C9H12O	1000193-00-0	53
3			Adamantane	136	C10H16	000281-23-2	49
4			Adamantane	136	C10H16	000281-23-2	49
5			9-Borabicyclo[3.3.1]nonane, 9-me...	136	C9H17B	023418-81-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

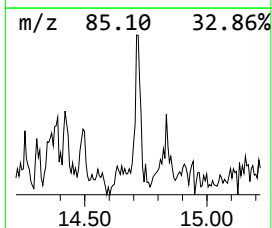
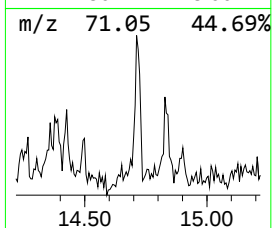
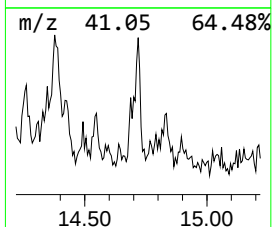
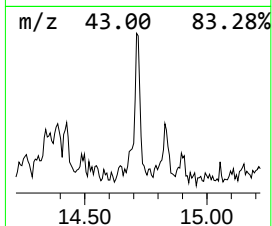
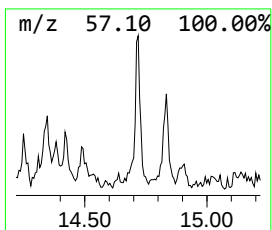
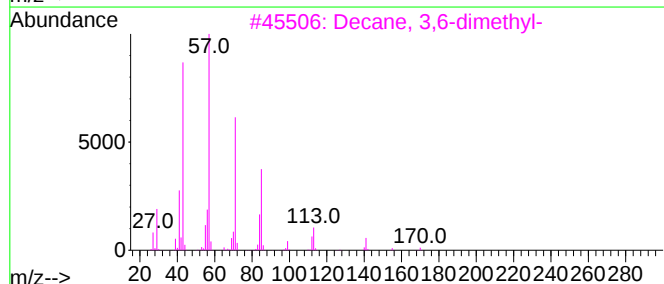
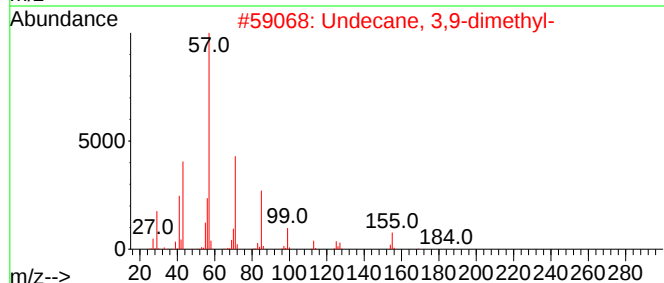
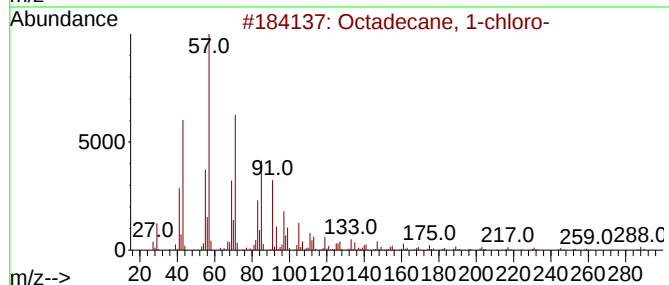
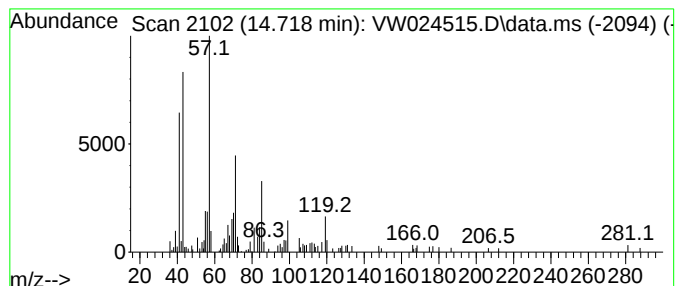
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Quant Title : SFAM01.0

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

Peak Number 37 Octadecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.718	8.04 ug/L	39445	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
2			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
4			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024515.D
 Acq On : 31 Aug 2022 15:40
 Operator : SY/VA
 Sample : N4440-08
 Misc : 5.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COZK3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.227	2.2	ug/L	13998	1	8.841	157972	25.0
2-Acetylpyrroli...	9.524	1.5	ug/L	9455	1	8.841	157972	25.0
unknown-02	9.750	1.6	ug/L	10094	1	8.841	157972	25.0
(DEL) Alkane: S...	9.890	9.6	ug/L	60762	1	8.841	157972	25.0
(DEL) Alkane: S...	10.250	5.2	ug/L	30483	2	11.627	146060	25.0
unknown-03	10.493	3.8	ug/L	22024	2	11.627	146060	25.0
Cyclopentane, 1...	10.664	3.4	ug/L	20006	2	11.627	146060	25.0
(DEL) Alkane: C...	10.756	3.4	ug/L	19693	2	11.627	146060	25.0
(DEL) Alkane: S...	11.036	1.4	ug/L	7998	2	11.627	146060	25.0
(DEL) Alkane: C...	11.176	3.3	ug/L	19097	2	11.627	146060	25.0
(DEL) Alkane: C...	11.225	8.5	ug/L	49714	2	11.627	146060	25.0
unknown-04	11.286	1.3	ug/L	7343	2	11.627	146060	25.0
Dimethylmalonic...	11.335	2.8	ug/L	16334	2	11.627	146060	25.0
(DEL) Alkane: S...	11.408	4.8	ug/L	27838	2	11.627	146060	25.0
(DEL) Alkane: S...	11.506	4.8	ug/L	28359	2	11.627	146060	25.0
(DEL) Alkane: C...	11.762	1.8	ug/L	10643	2	11.627	146060	25.0
(DEL) Alkane: S...	11.841	10.5	ug/L	61088	2	11.627	146060	25.0
(DEL) Alkane: S...	11.871	5.8	ug/L	34131	2	11.627	146060	25.0
Carbonic acid, ...	12.054	7.0	ug/L	41085	2	11.627	146060	25.0
(DEL) Alkane: S...	12.133	22.8	ug/L	133271	2	11.627	146060	25.0
(DEL) Alkane: S...	12.249	13.1	ug/L	76687	2	11.627	146060	25.0
Propylidencyclo...	12.335	21.0	ug/L	122644	2	11.627	146060	25.0
unknown-05	12.615	8.3	ug/L	40704	3	13.554	122693	25.0
unknown-06	12.774	26.8	ug/L	131319	3	13.554	122693	25.0
Cyclohexane, 1-...	12.859	21.9	ug/L	107726	3	13.554	122693	25.0
(DEL) Alkane: C...	13.072	22.8	ug/L	111648	3	13.554	122693	25.0
Isobutyl tetrad...	13.121	23.7	ug/L	116412	3	13.554	122693	25.0
(DEL) Alkane: S...	13.158	52.9	ug/L	259731	3	13.554	122693	25.0
(DEL) Alkane: C...	13.444	23.0	ug/L	112985	3	13.554	122693	25.0
(DEL) Alkane: S...	13.481	16.4	ug/L	80536	3	13.554	122693	25.0
(DEL) Alkane: S...	13.621	17.2	ug/L	84563	3	13.554	122693	25.0
1,4-Cyclohexadi...	14.194	6.7	ug/L	32946	3	13.554	122693	25.0
4,5-Dimethyl-or...	14.255	7.2	ug/L	35470	3	13.554	122693	25.0
Octadecane, 1-c...	14.718	8.0	ug/L	39445	3	13.554	122693	25.0