

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026495.D
 Acq On : 01 Jul 2023 01:12
 Operator : SY/MD
 Sample : 03444-15
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W0

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026495.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.229	51	56	58	rBV6	5107	10570	0.16%	0.017%
2	2.351	71	76	86	rVB	78932	156554	2.39%	0.252%
3	2.924	158	170	182	rBV2	86484	359469	5.49%	0.579%
4	3.027	183	187	195	rVB4	11287	26170	0.40%	0.042%
5	3.393	240	247	253	rBV2	6195	17069	0.26%	0.027%
6	3.600	278	281	285	rBV6	2702	3139	0.05%	0.005%
7	3.722	296	301	303	rBV6	2561	3022	0.05%	0.005%
8	3.826	316	318	321	rBV4	3289	4431	0.07%	0.007%
9	4.015	338	349	358	rBV	138142	367479	5.61%	0.592%
10	4.119	358	366	376	rVV	79874	213592	3.26%	0.344%
11	4.375	401	408	415	rBV2	6864	19756	0.30%	0.032%
12	4.917	489	497	502	rVV4	11035	36869	0.56%	0.059%
13	5.015	504	513	527	rVV2	32550	119590	1.83%	0.193%
14	5.155	533	536	539	rBV5	2111	3121	0.05%	0.005%
15	5.435	580	582	589	rVB8	2122	3751	0.06%	0.006%
16	5.941	662	665	670	rVB7	3160	5577	0.09%	0.009%
17	6.234	709	713	715	rVV5	1889	3208	0.05%	0.005%
18	6.539	758	763	769	rBV10	2563	3538	0.05%	0.006%
19	6.972	831	834	837	rBV5	1996	3400	0.05%	0.005%
20	7.075	842	851	859	rVV	39251	115712	1.77%	0.186%
21	7.173	860	867	877	rVV	36943	109918	1.68%	0.177%
22	7.246	877	879	882	rVV3	2955	3929	0.06%	0.006%
23	7.648	934	945	957	rBV	197714	476564	7.27%	0.767%
24	7.953	981	995	1002	rBV	10871	42369	0.65%	0.068%
25	8.026	1005	1007	1010	rBV4	3096	4121	0.06%	0.007%
26	8.154	1018	1028	1033	rBV7	7827	20883	0.32%	0.034%
27	8.276	1038	1048	1062	rBV2	378684	1157544	17.67%	1.863%
28	8.465	1070	1079	1092	rVB2	8502	30398	0.46%	0.049%
29	8.575	1094	1097	1102	rBV7	3558	5156	0.08%	0.008%
30	8.685	1111	1115	1116	rBV4	5841	7057	0.11%	0.011%
31	8.752	1123	1126	1129	rBV4	3286	4467	0.07%	0.007%
32	8.843	1133	1141	1150	rVV	443233	883638	13.49%	1.423%
33	9.075	1173	1179	1183	rBV3	10903	24533	0.37%	0.039%
34	9.276	1203	1212	1218	rBV	272073	573636	8.75%	0.923%
35	9.374	1226	1228	1230	rBV3	3923	4876	0.07%	0.008%
36	9.898	1309	1314	1318	rBV4	10664	19212	0.29%	0.031%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	9.953	1318	1323	1330	rVV3	21803	52230	0.80%	0.084%
38	10.032	1331	1336	1342	rVV	122661	226628	3.46%	0.365%
39	10.093	1343	1346	1359	rVB3	23262	55846	0.85%	0.090%
40	10.319	1377	1383	1390	rBV	489848	889376	13.57%	1.432%
41	10.386	1390	1394	1400	rVB	54217	103507	1.58%	0.167%
42	10.508	1408	1414	1418	rBV5	19375	42208	0.64%	0.068%
43	10.575	1420	1425	1434	rBV	90131	174789	2.67%	0.281%
44	10.843	1466	1469	1476	rVB3	18410	29909	0.46%	0.048%
45	10.928	1477	1483	1490	rBV2	167697	322641	4.92%	0.519%
46	11.032	1498	1500	1505	rVB	26600	30173	0.46%	0.049%
47	11.172	1521	1523	1527	rBV2	20995	24508	0.37%	0.039%
48	11.227	1528	1532	1537	rVV2	54781	86905	1.33%	0.140%
49	11.337	1547	1550	1554	rBV3	34711	48198	0.74%	0.078%
50	11.404	1558	1561	1564	rVV	41777	62672	0.96%	0.101%
51	11.508	1573	1578	1583	rBV	132061	217385	3.32%	0.350%
52	11.629	1592	1598	1607	rVB	625591	1058126	16.15%	1.703%
53	11.697	1607	1609	1610	rBV	24559	25588	0.39%	0.041%
54	11.727	1610	1614	1618	rVV	66882	106224	1.62%	0.171%
55	11.873	1635	1638	1642	rVB	116875	152973	2.33%	0.246%
56	11.916	1642	1645	1650	rVB2	82413	123245	1.88%	0.198%
57	11.971	1650	1654	1656	rBV3	33613	53388	0.81%	0.086%
58	12.056	1664	1668	1673	rBV3	113206	182872	2.79%	0.294%
59	12.135	1675	1681	1684	rBV4	315904	661291	10.09%	1.065%
60	12.251	1695	1700	1704	rVB	402303	662673	10.11%	1.067%
61	12.361	1704	1718	1726	rBV4	444783	1691213	25.81%	2.723%
62	12.501	1730	1741	1744	rBV7	320588	855862	13.06%	1.378%
63	12.538	1744	1747	1751	rVB	240207	330016	5.04%	0.531%
64	12.690	1768	1772	1777	rBV2	306235	524532	8.01%	0.844%
65	12.776	1783	1786	1792	rVB4	366345	652040	9.95%	1.050%
66	12.855	1793	1799	1804	rBV3	268149	636100	9.71%	1.024%
67	12.934	1805	1812	1818	rVV3	755955	2176742	33.22%	3.504%
68	12.989	1818	1821	1826	rVB2	376929	620049	9.46%	0.998%
69	13.074	1831	1835	1839	rVV	435682	648704	9.90%	1.044%
70	13.123	1839	1843	1845	rVV2	459193	665181	10.15%	1.071%
71	13.160	1845	1849	1856	rVV	1255342	2250822	34.35%	3.623%
72	13.221	1857	1859	1863	rVB2	235105	302096	4.61%	0.486%
73	13.288	1866	1870	1874	rVB	478000	648626	9.90%	1.044%
74	13.336	1875	1878	1882	rBV2	370625	524145	8.00%	0.844%
75	13.440	1887	1895	1899	rBV7	910632	2032908	31.03%	3.273%
76	13.483	1899	1902	1905	rVB	474611	601115	9.17%	0.968%

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77	13.550	1910	1913	1917	rBV2	386667	498749	7.61%	0.803%
78	13.696	1931	1937	1941	rBV4	416428	905423	13.82%	1.458%
79	13.873	1959	1966	1970	rBV3	1301791	2683055	40.95%	4.319%
80	13.916	1970	1973	1978	rVB3	569979	790116	12.06%	1.272%
81	13.977	1979	1983	1986	rBV3	592175	940963	14.36%	1.515%
82	14.025	1986	1991	1995	rBV4	697520	1412122	21.55%	2.273%
83	14.129	2004	2008	2014	rVB	1016278	1794657	27.39%	2.889%
84	14.190	2014	2018	2022	rBV4	582828	908196	13.86%	1.462%
85	14.257	2025	2029	2035	rVB4	760239	1148285	17.53%	1.849%
86	14.312	2035	2038	2040	rBV2	315377	437757	6.68%	0.705%
87	14.379	2045	2049	2054	rVB3	1748224	2946032	44.96%	4.743%
88	14.489	2064	2067	2070	rBV4	504058	670117	10.23%	1.079%
89	14.544	2073	2076	2081	rVB4	672687	1029295	15.71%	1.657%
90	14.653	2091	2094	2098	rVB	419665	507623	7.75%	0.817%
91	14.733	2103	2107	2111	rBV6	435370	723328	11.04%	1.164%
92	14.794	2112	2117	2119	rBV2	1088867	1866354	28.48%	3.005%
93	14.830	2119	2123	2132	rVB2	3156647	6552170	100.00%	10.548%
94	15.318	2198	2203	2210	rVB	3071481	5003210	76.36%	8.054%
95	15.391	2210	2215	2220	rBV4	505363	1110645	16.95%	1.788%
96	15.562	2240	2243	2249	rVB5	315488	605900	9.25%	0.975%
97	15.623	2250	2253	2255	rBV2	248032	354777	5.41%	0.571%
98	15.720	2265	2269	2277	rVB2	820065	1635599	24.96%	2.633%
99	15.860	2289	2292	2296	rBV4	214704	414853	6.33%	0.668%
100	16.275	2355	2360	2369	rVB	863152	1781082	27.18%	2.867%

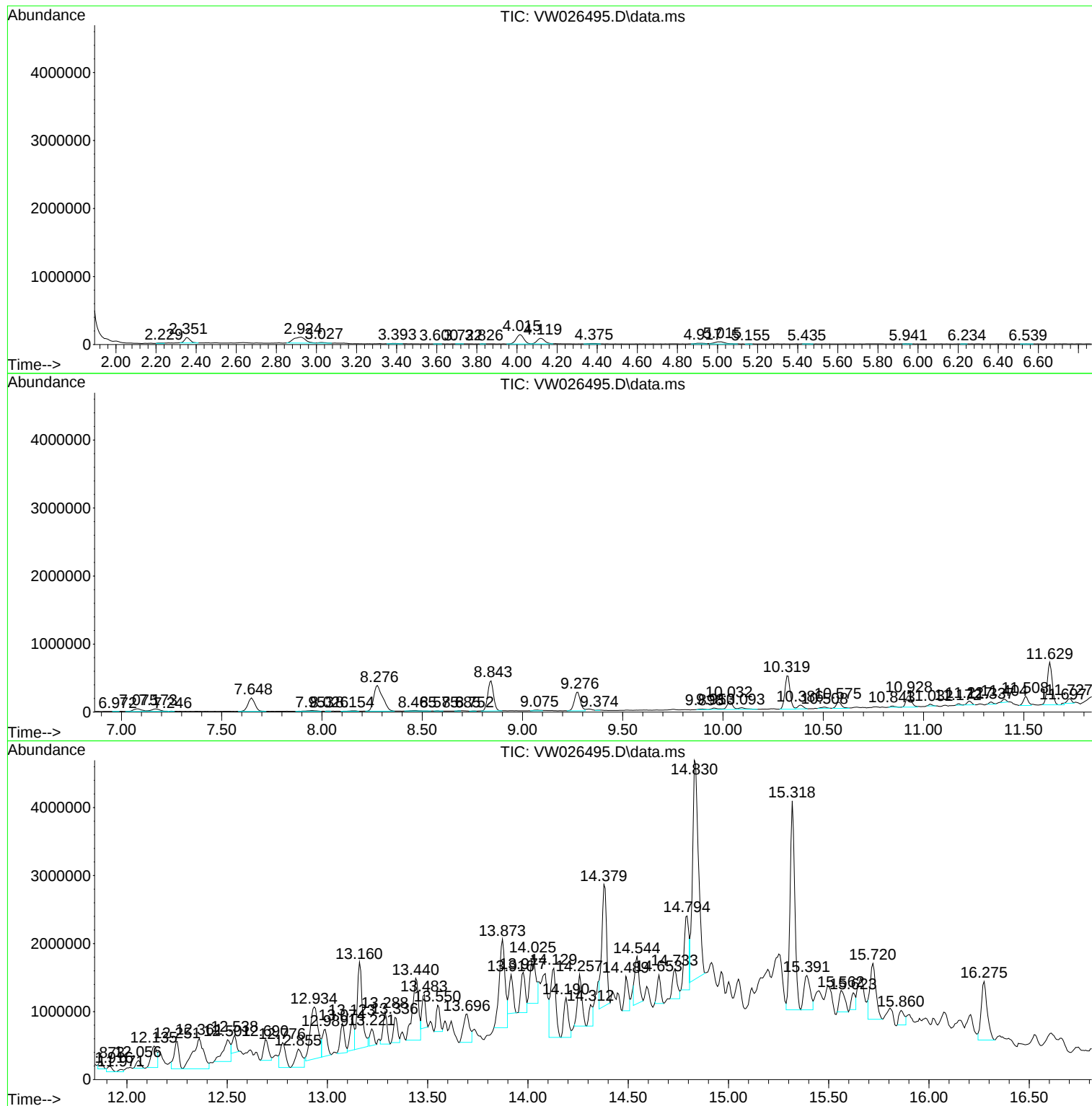
Sum of corrected areas: 62118132

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
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A46W0

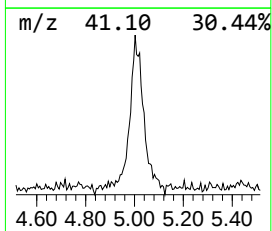
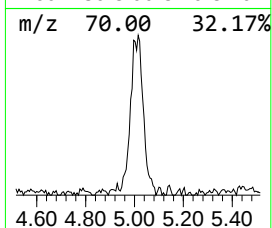
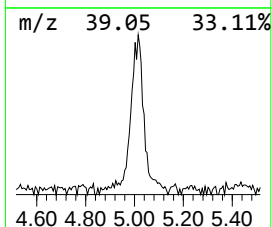
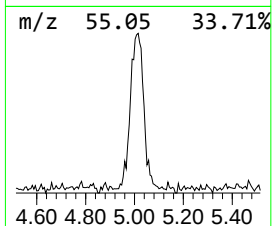
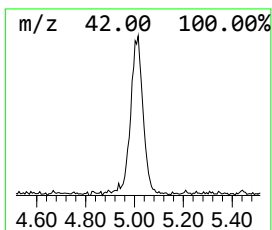
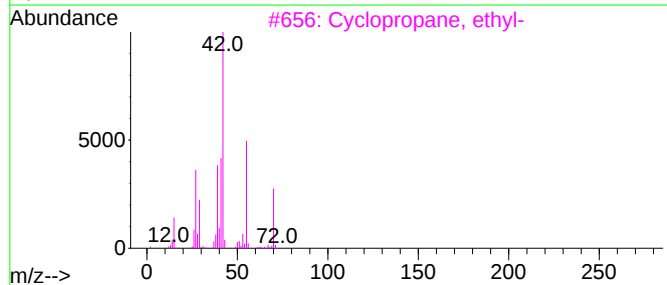
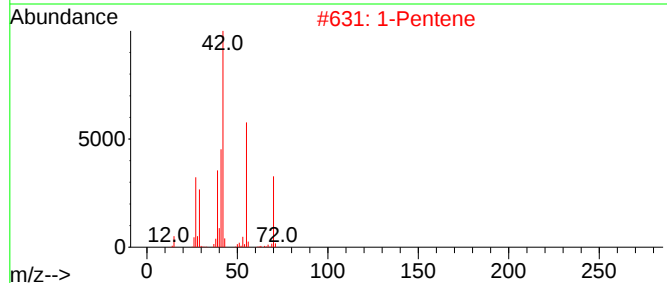
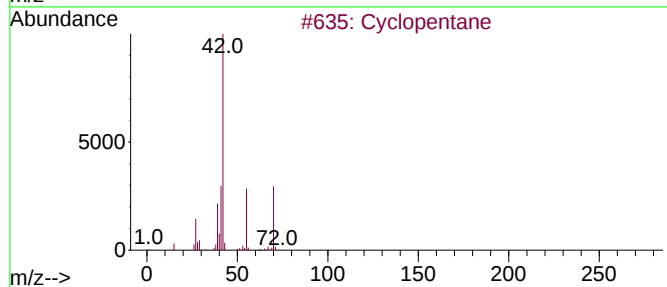
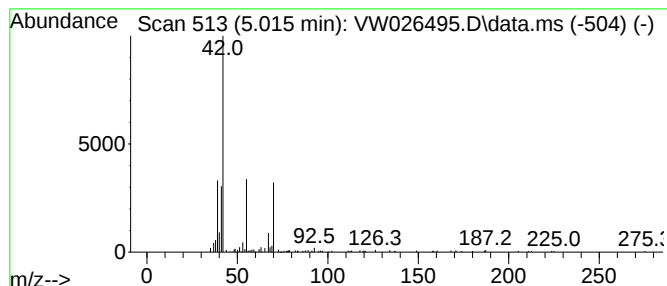
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic5.015 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.015	3.38 ug/L	119590	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	64
2			1-Pentene	70	C5H10	000109-67-1	64
3			Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
4			Cyclobutane, methyl-	70	C5H10	000598-61-8	59
5			Cyclobutanone	70	C4H6O	001191-95-3	56



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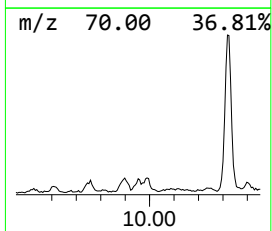
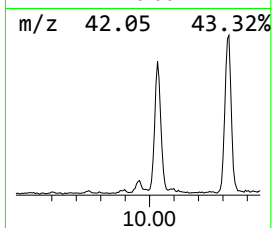
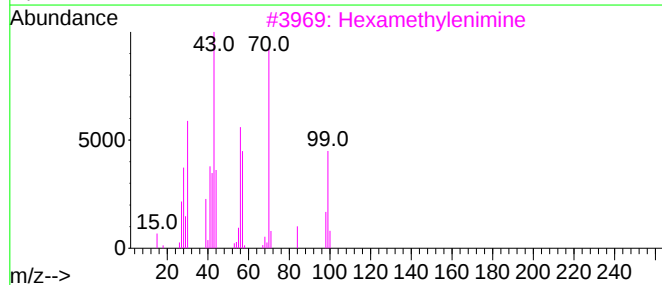
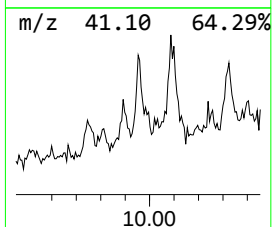
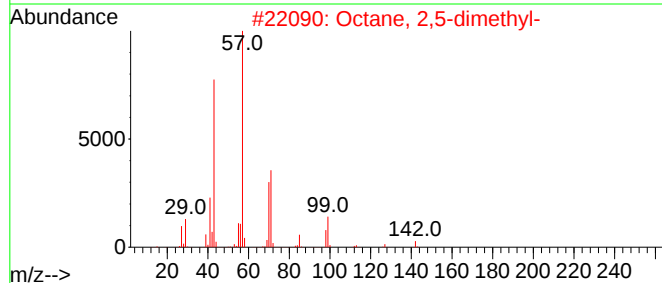
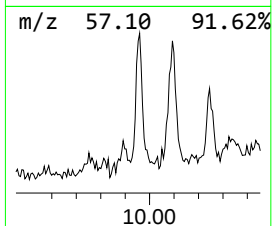
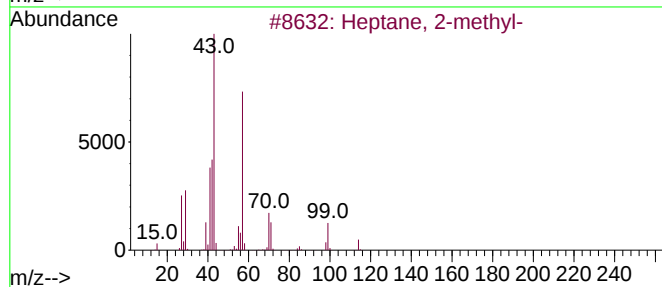
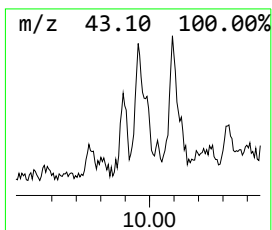
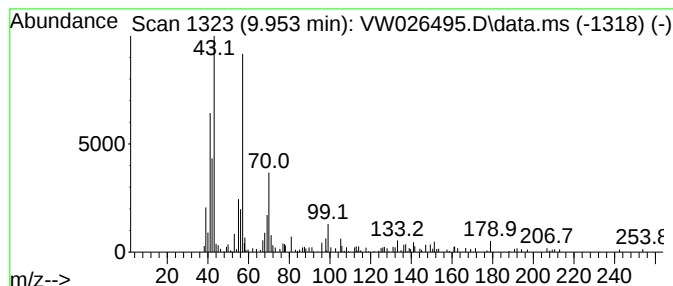
Instrument :
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Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.953	1.48 ug/L	52230	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
3	Hexamethylenimine	99	C6H13N	000111-49-9	43
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	38
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38



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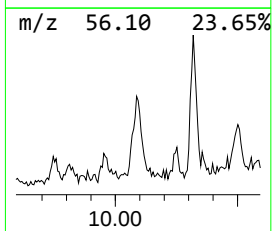
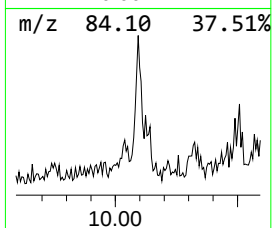
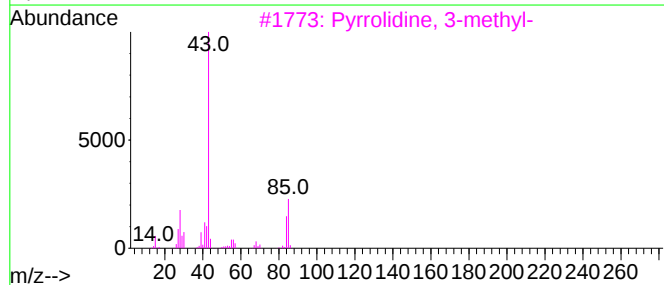
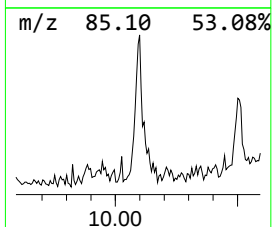
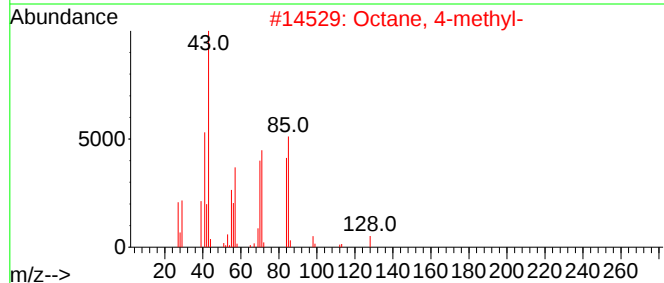
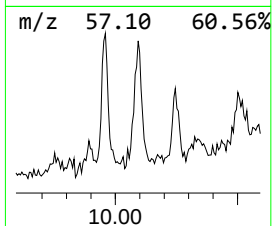
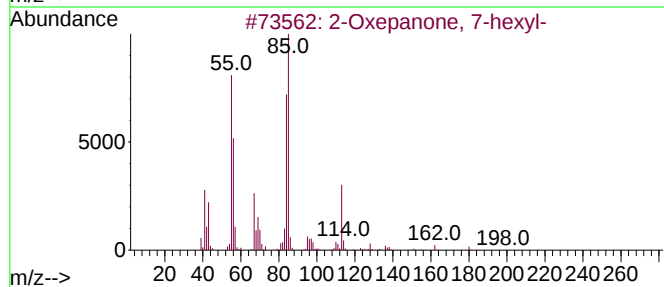
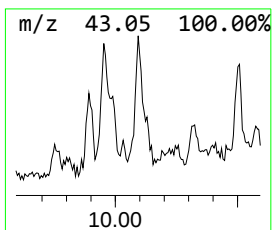
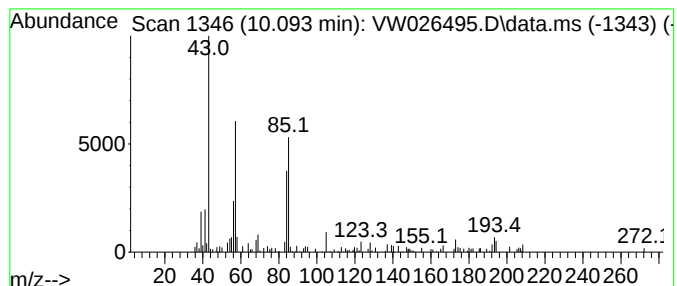
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 2-Oxepanone, 7-hexyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	1.58 ug/L	55846	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Oxepanone, 7-hexyl-	198	C12H22O2	016429-21-3	59
2			Octane, 4-methyl-	128	C9H20	002216-34-4	52
3			Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	49
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5			3(2H)-Furanone, dihydro-5-isopro...	128	C7H12O2	034004-69-8	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

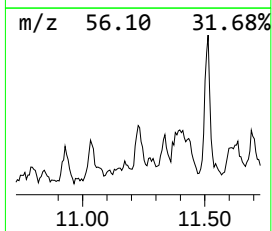
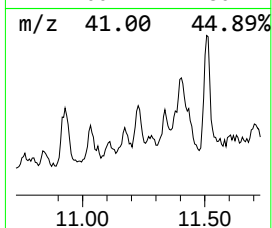
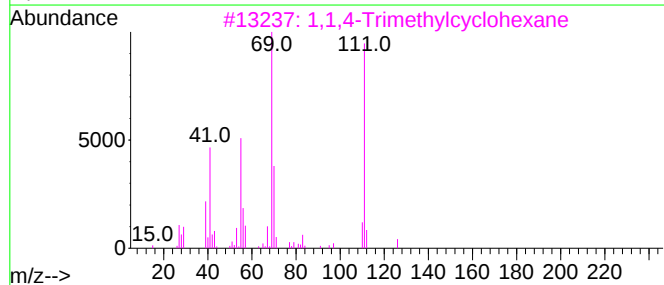
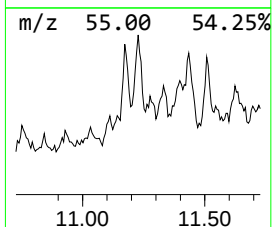
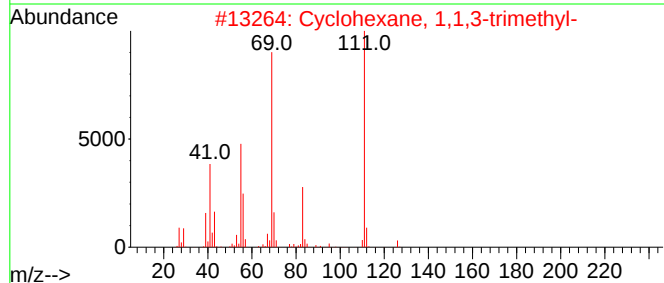
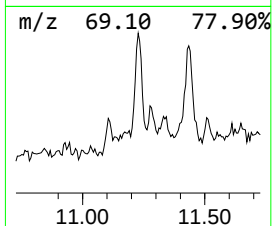
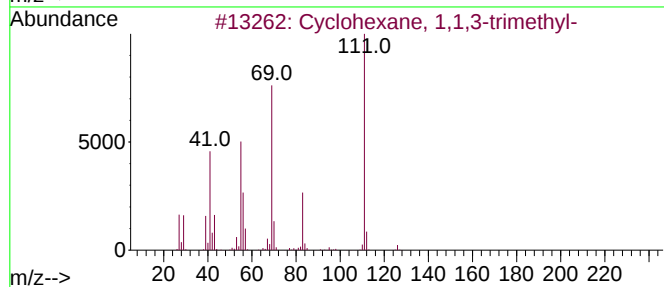
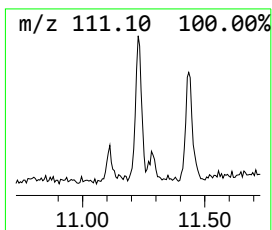
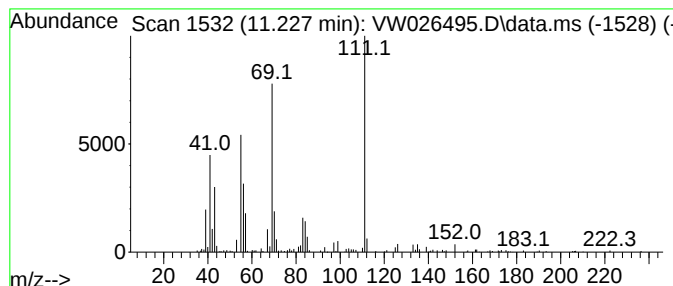
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.227 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.05 ug/L	86905	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
4			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
5			2-Hepten-4-one, 6-methyl-	126	C8H14O	049852-35-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

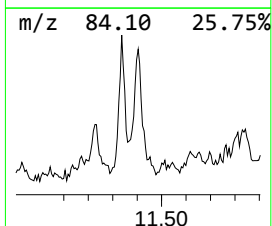
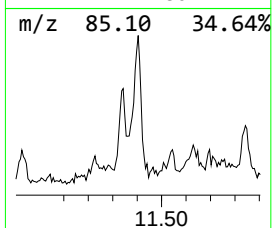
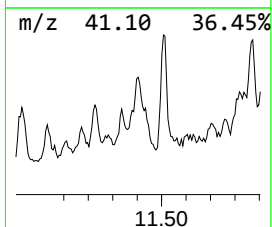
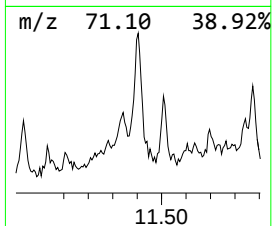
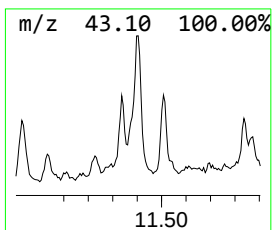
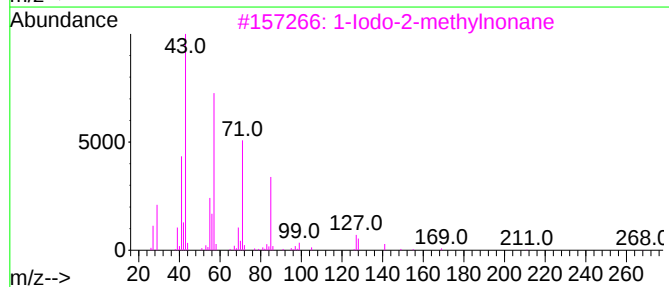
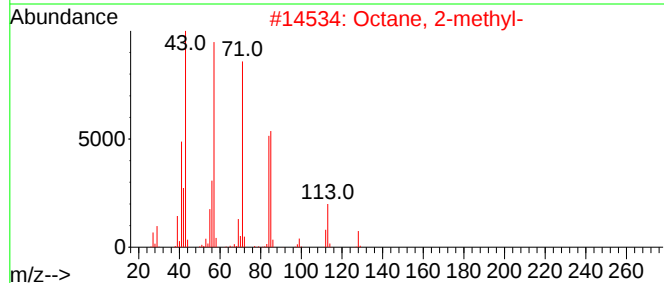
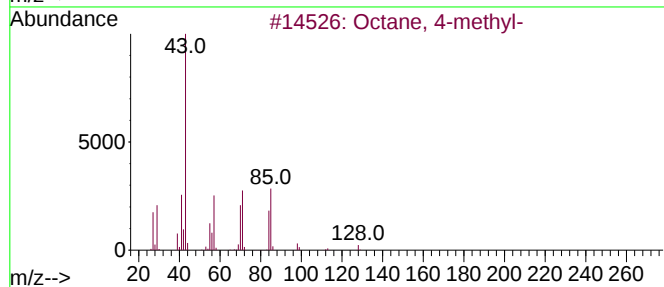
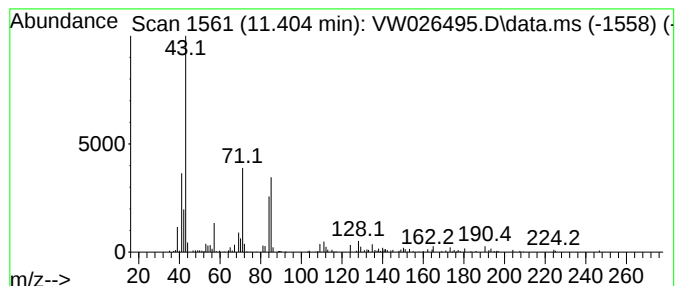
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ClientSampleId :
A46W0

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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.404	1.48 ug/L	62672	Chlorobenzene-d5		11.630	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-		128	C9H20	002216-34-4	59
2	Octane, 2-methyl-		128	C9H20	003221-61-2	59
3	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	50
4	2,6-Dimethyldecane		170	C12H26	013150-81-7	45
5	Octane, 4-methyl-		128	C9H20	002216-34-4	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

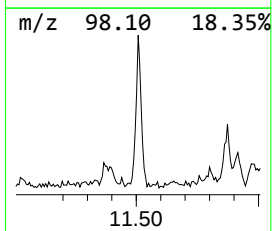
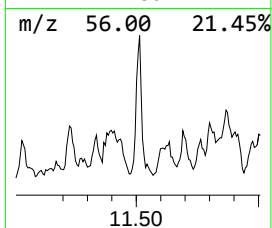
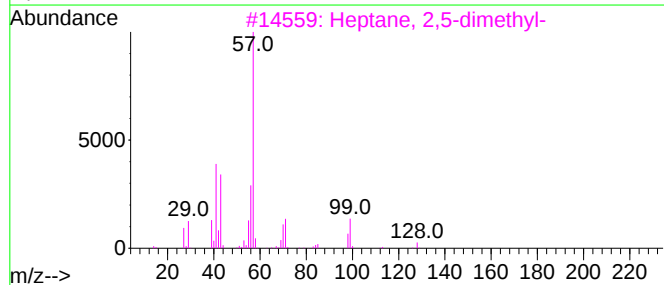
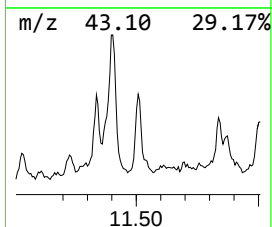
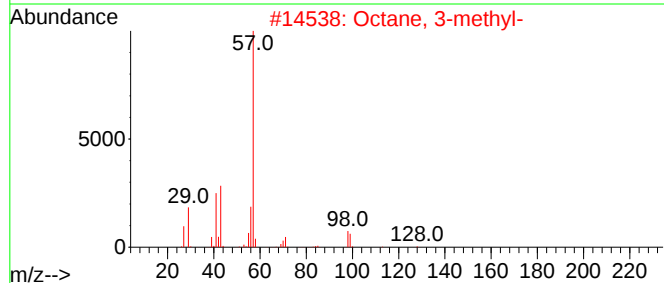
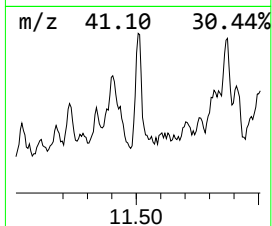
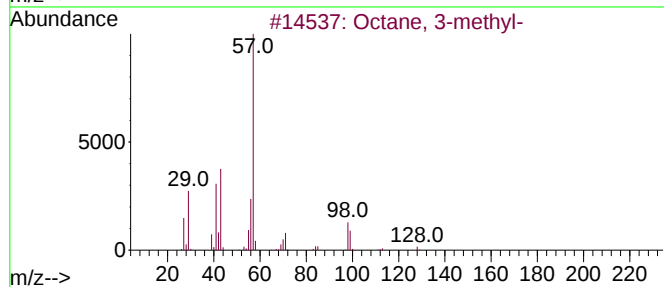
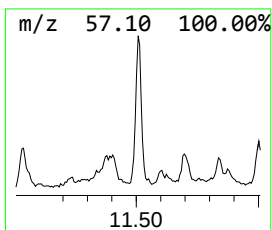
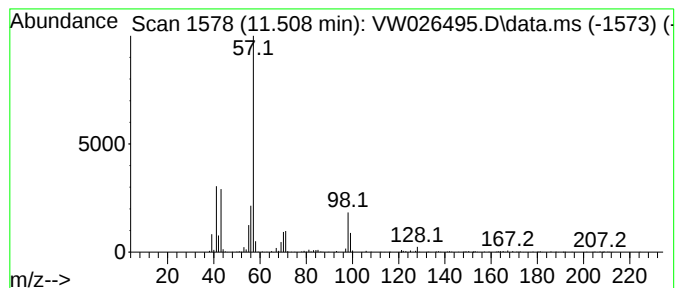
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.508	5.14 ug/L	217385	Chlorobenzene-d5		11.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	86
2		Octane, 3-methyl-	128	C9H20	002216-33-3	64
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	62
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

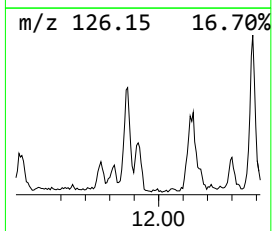
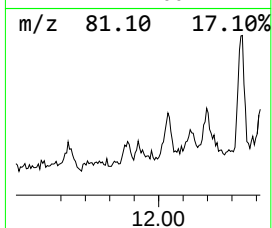
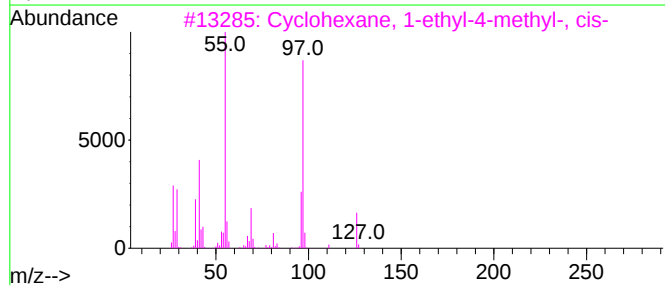
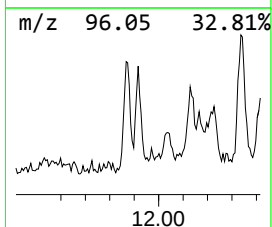
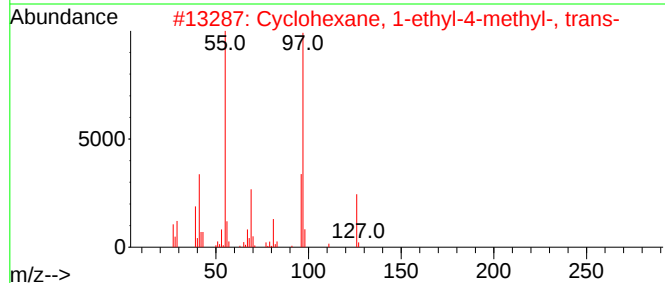
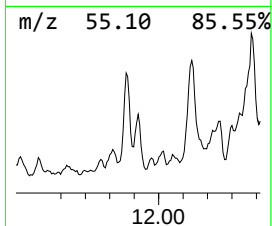
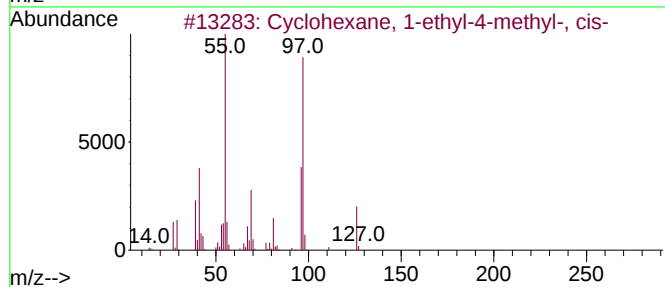
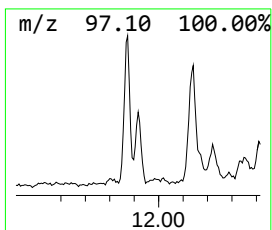
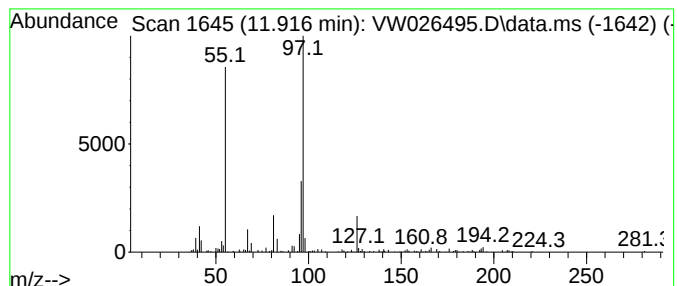
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.916 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.91 ug/L	123245	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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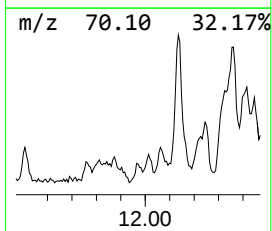
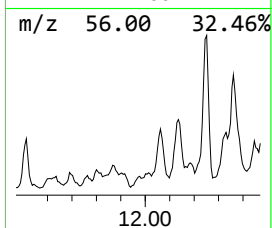
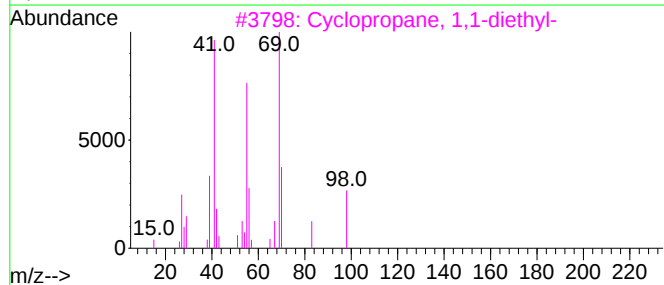
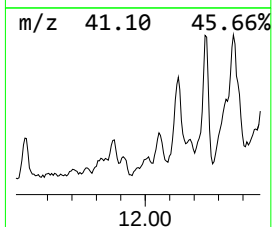
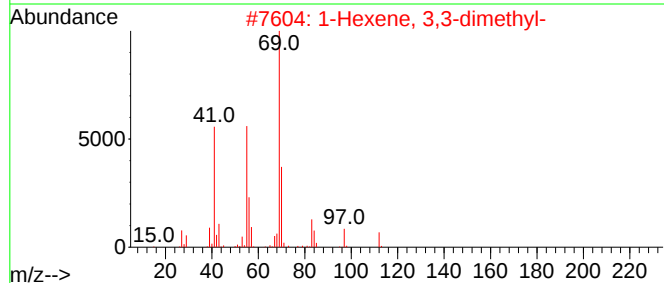
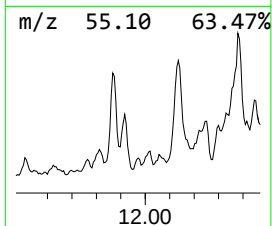
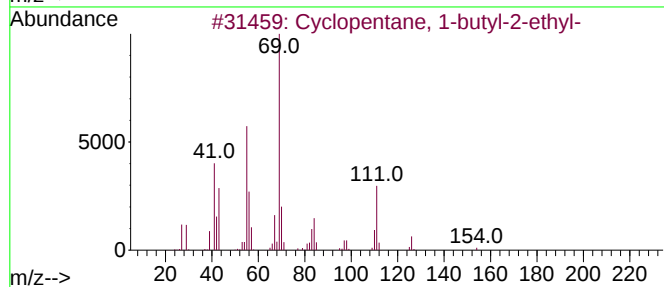
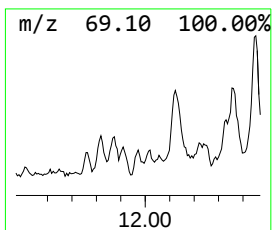
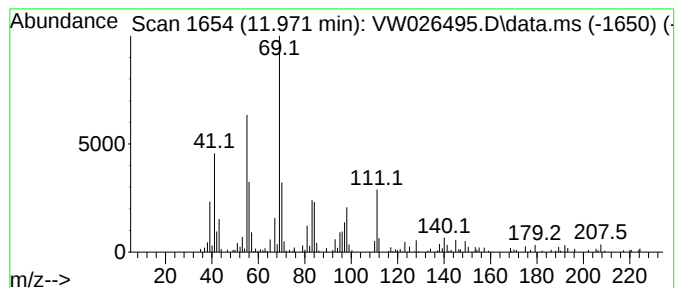
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic11.971 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.971	1.26 ug/L	53388	Chlorobenzene-d5	11.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	52
2		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
3		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
4		4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	46
5		3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

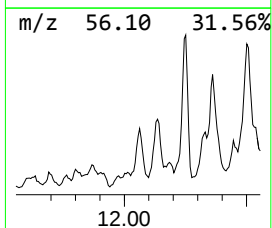
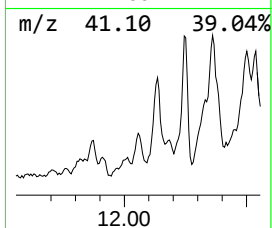
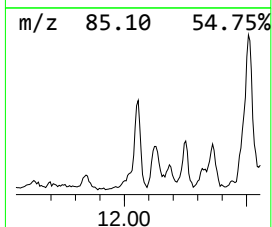
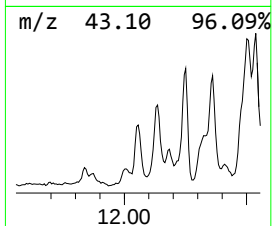
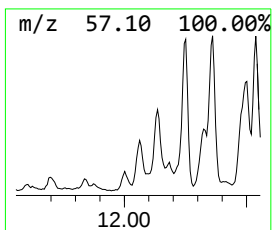
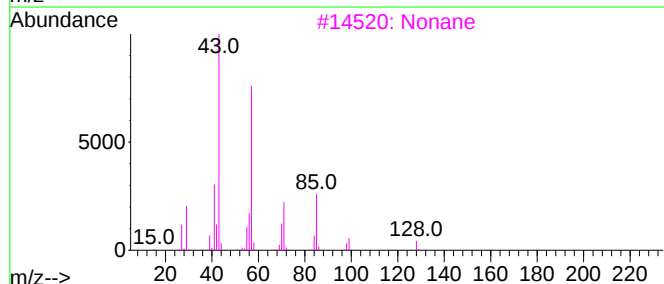
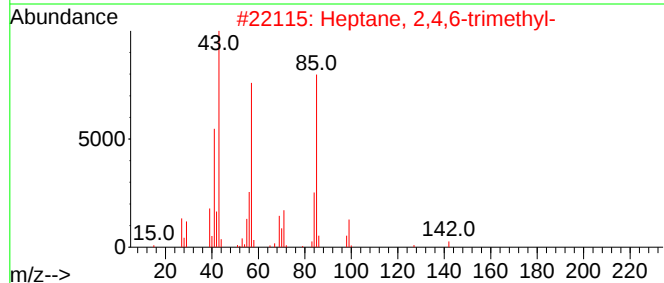
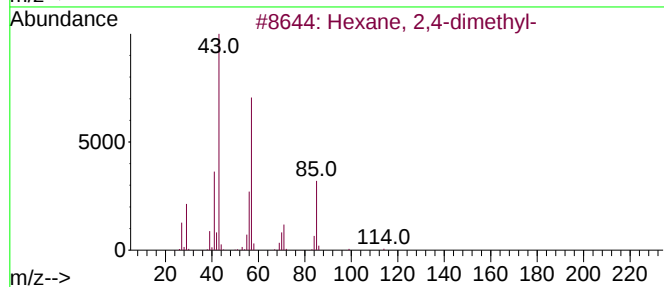
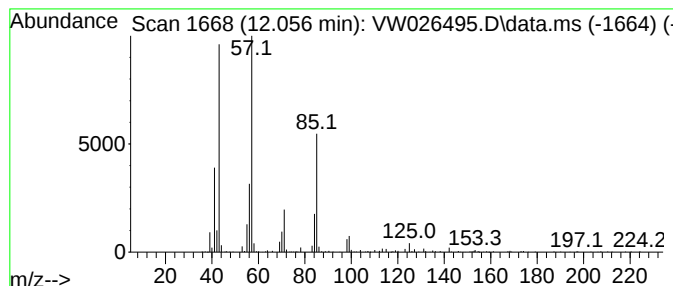
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.056	4.32 ug/L	182872	Chlorobenzene-d5		11.630	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	72
2	Heptane, 2,4,6-trimethyl-		142	C10H22	002613-61-8	58
3	Nonane		128	C9H20	000111-84-2	50
4	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	50
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

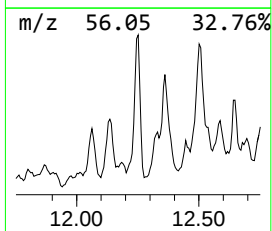
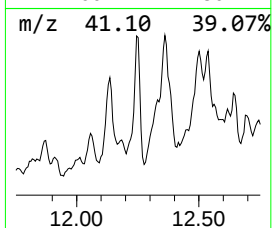
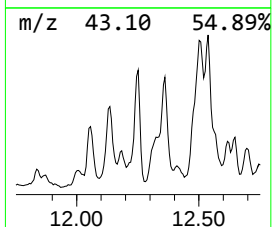
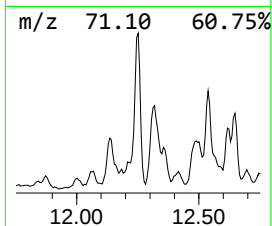
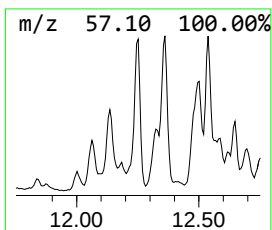
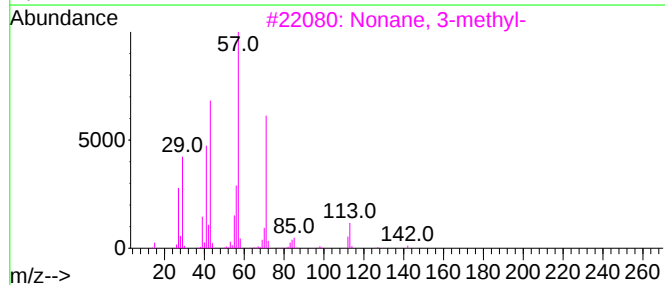
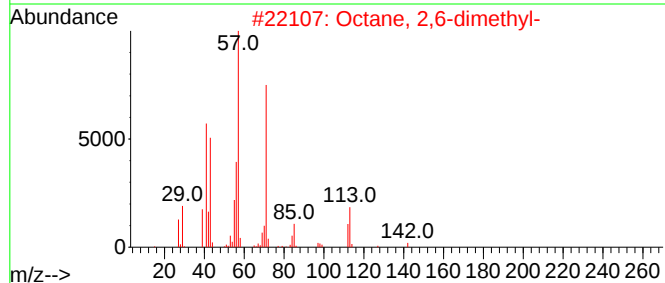
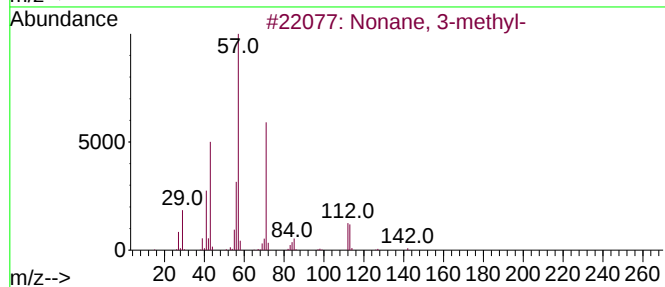
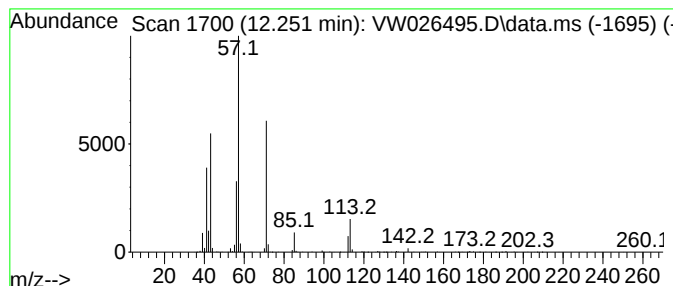
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	15.66 ug/L	662673	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	86
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

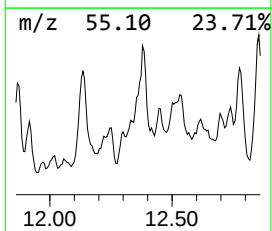
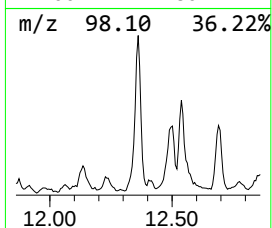
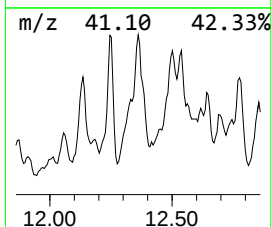
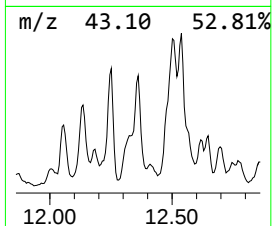
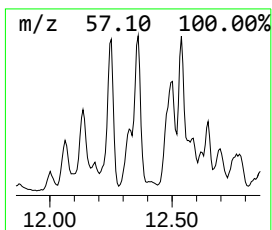
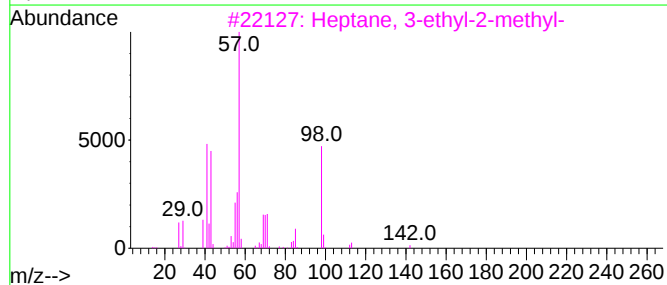
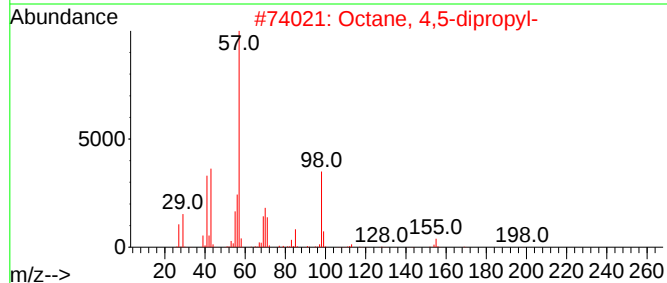
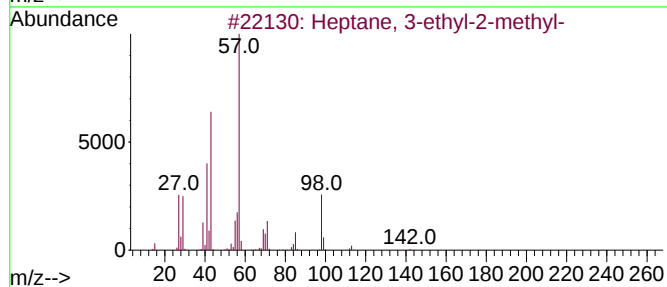
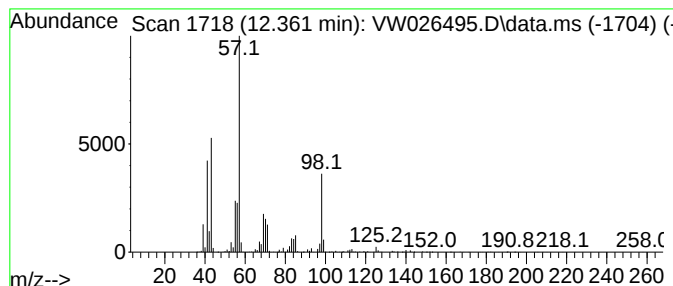
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	39.96 ug/L	1691210	Chlorobenzene-d5	11.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
2		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	78
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	76
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

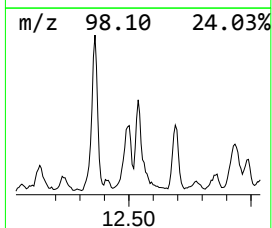
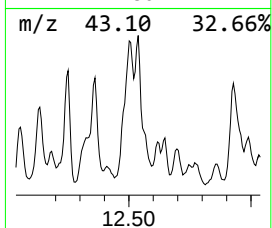
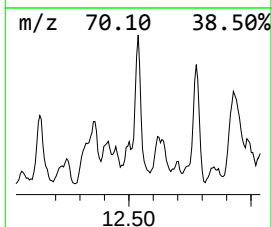
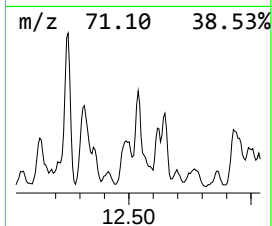
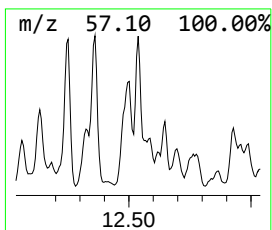
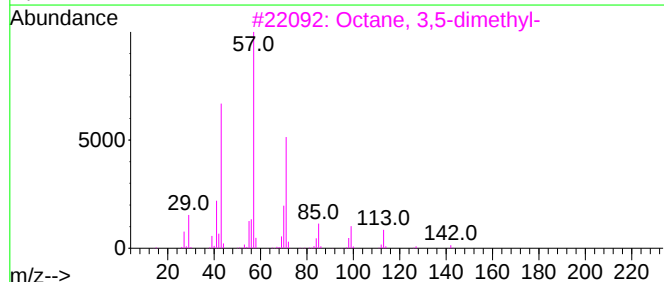
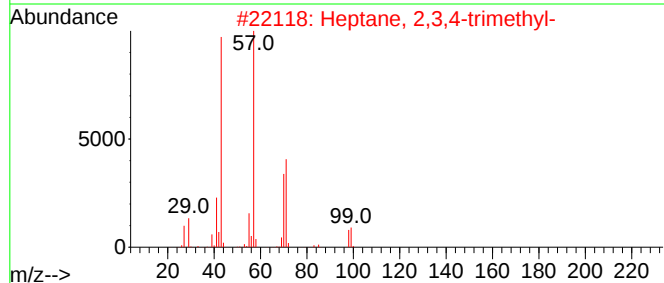
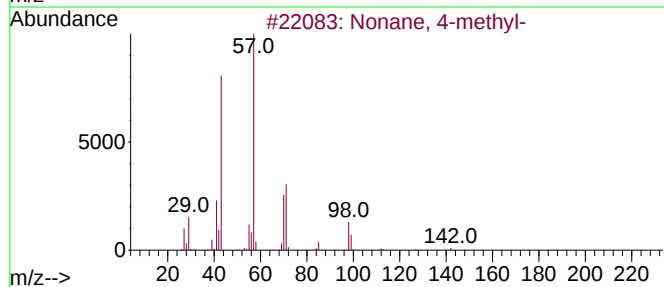
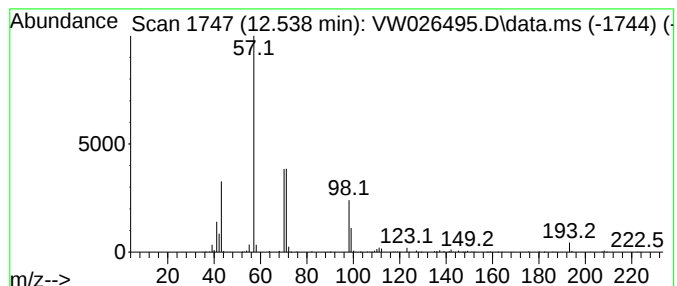
Instrument :
MSVOA_W
ClientSampleId :
A46W0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.538	7.80 ug/L	330016	Chlorobenzene-d5	11.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	45
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

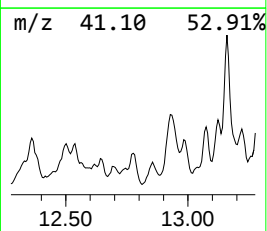
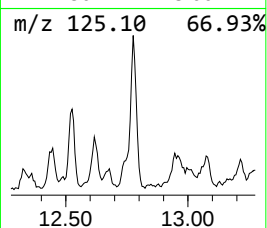
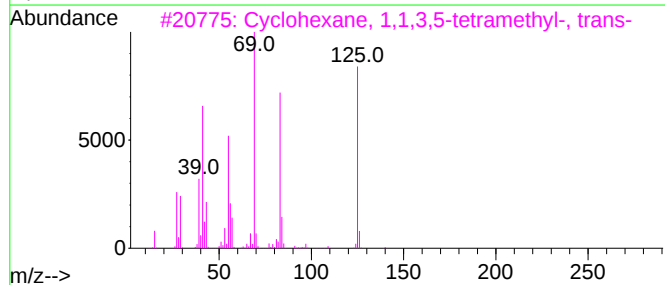
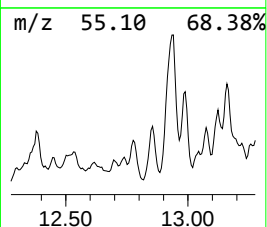
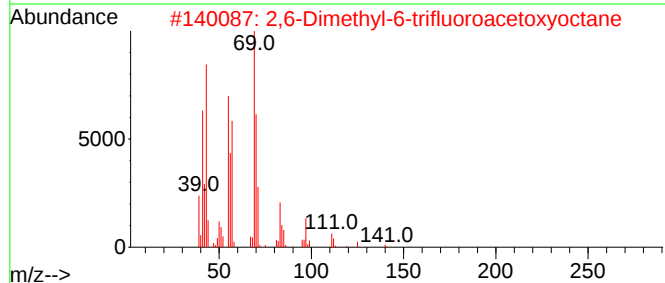
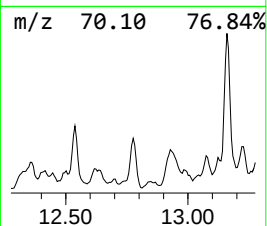
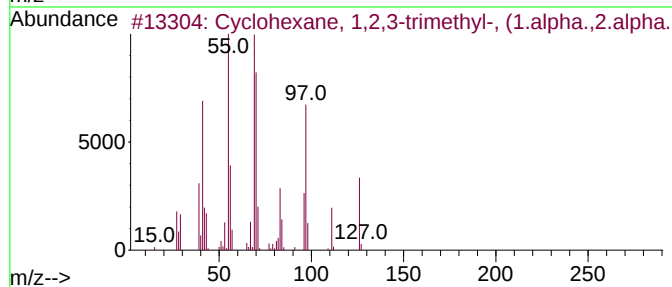
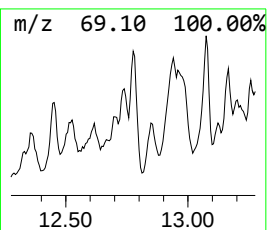
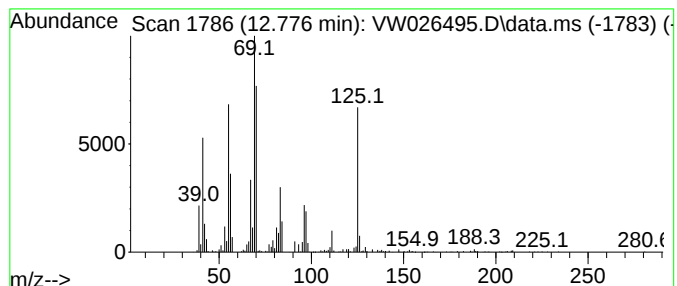
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.776 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.776	32.68 ug/L	652040	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	74
2			2,6-Dimethyl-6-trifluoroacetoxo...	254	C12H21F3O2	061986-67-2	59
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
4			1-Decene, 8-methyl-	154	C11H22	061142-79-8	35
5			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

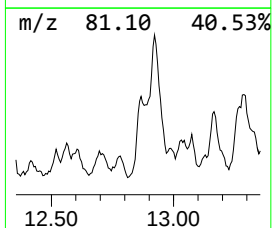
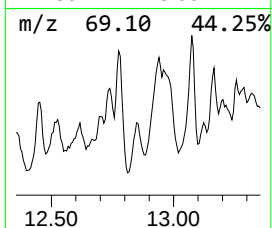
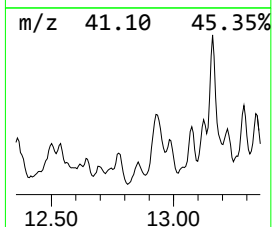
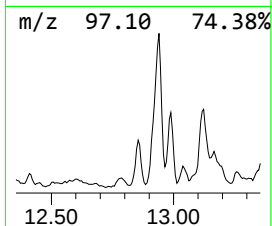
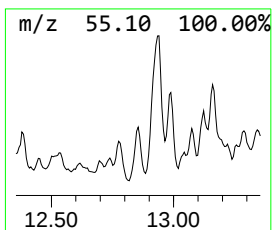
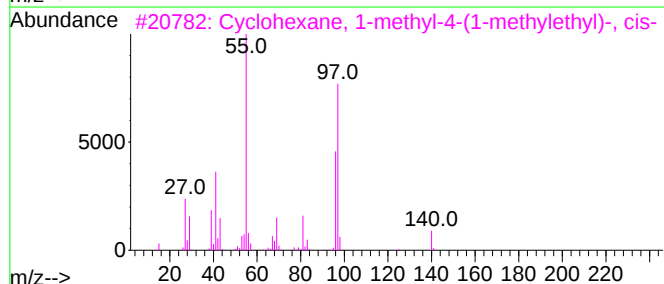
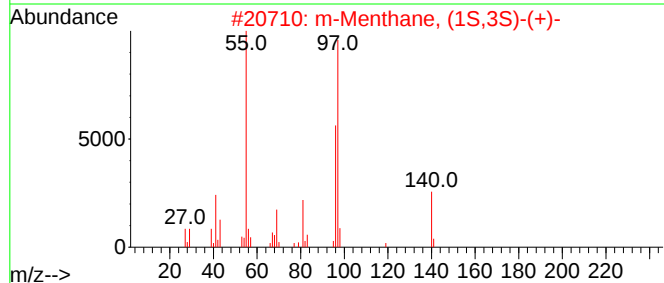
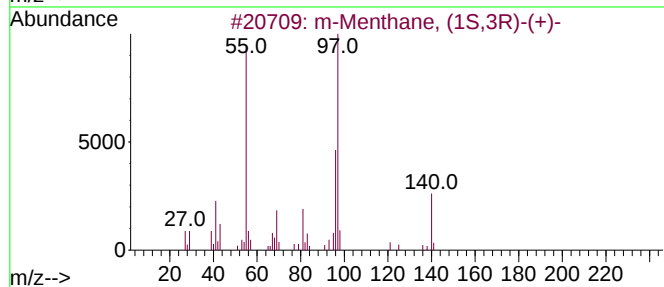
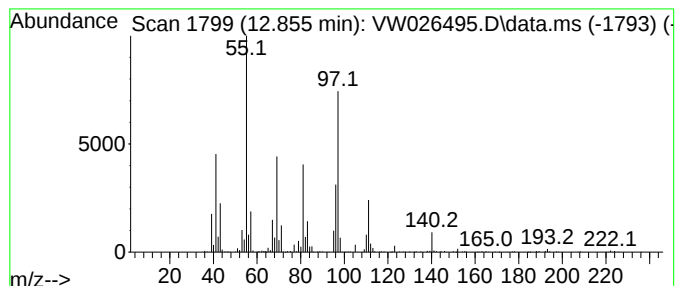
Instrument :
MSVOA_W
ClientSampleId :
A46W0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.855	31.88 ug/L	636100	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-		140	C10H20	013837-66-6	72
2	m-Menthane, (1S,3S)-(+)-		140	C10H20	013837-67-7	64
3	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	006069-98-3	64
4	1-Methyl-4-(1-methylethyl)-cyclo...		140	C10H20	000099-82-1	64
5	Oxalic acid, cyclohexylmethyl pr...		228	C12H20O4	1010309-68-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

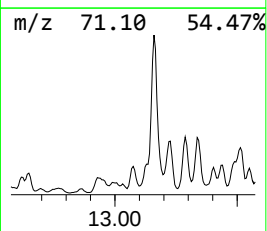
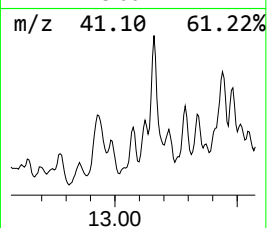
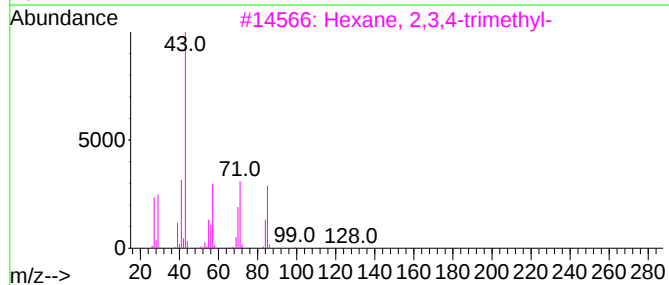
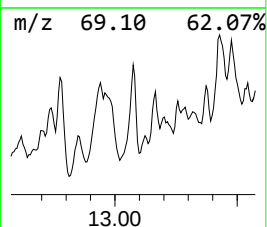
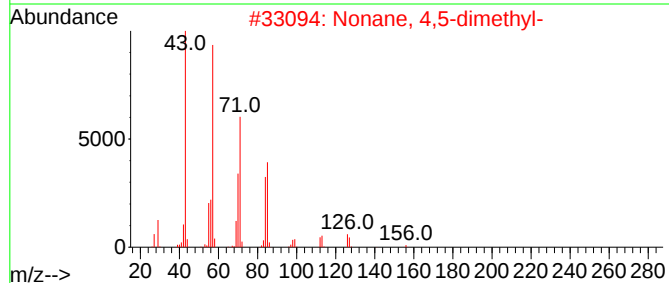
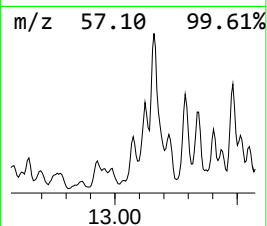
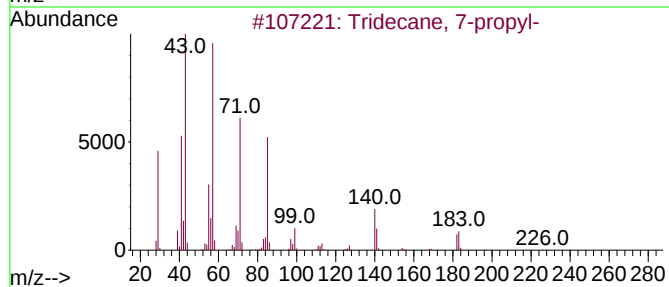
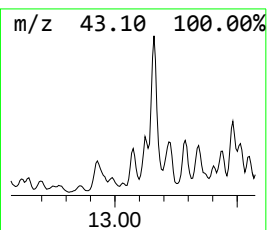
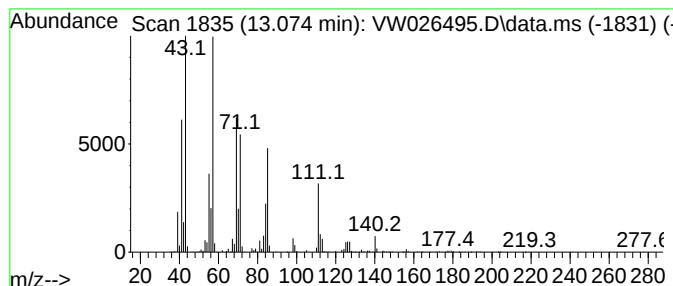
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	32.52 ug/L	648704	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-propyl-	226	C16H34	055045-09-5	53
2		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	52
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	52
4		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	50
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

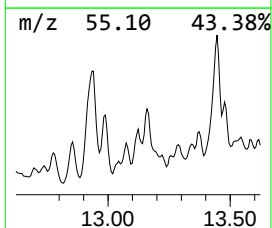
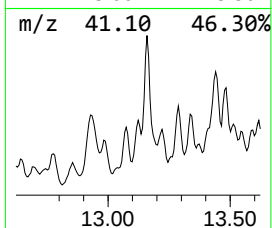
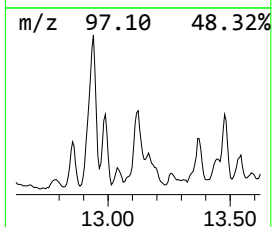
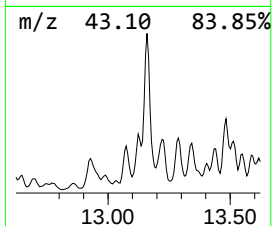
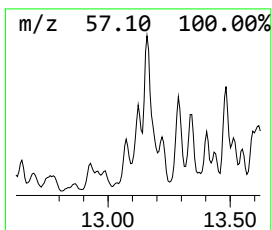
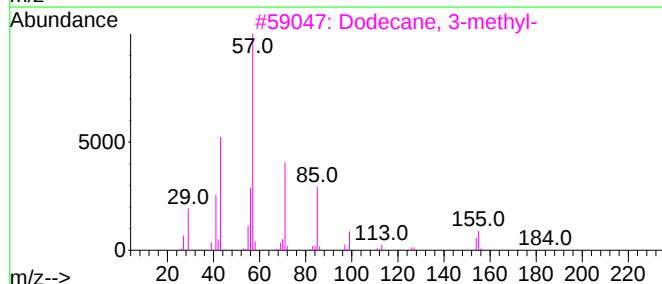
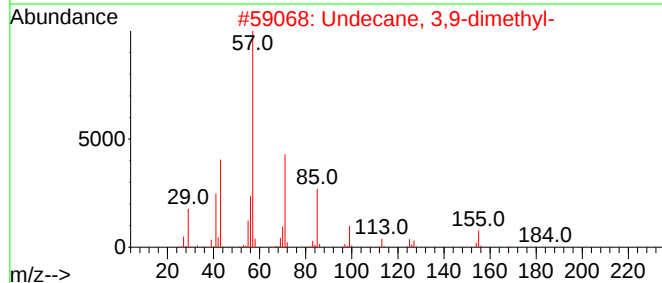
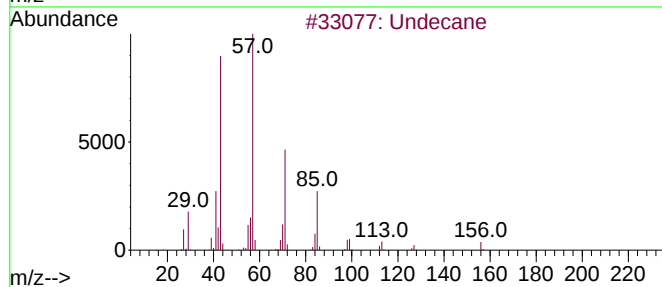
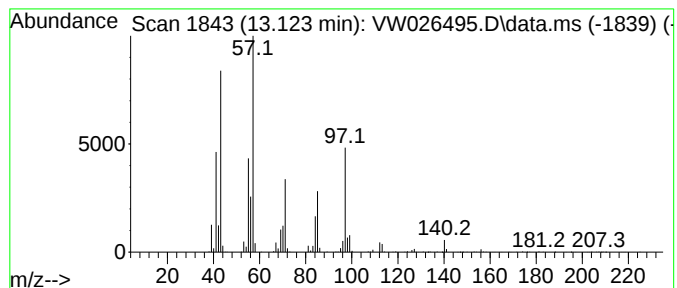
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.123	33.34 ug/L	665181	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	49
2	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	47
3	Dodecane, 3-methyl-		184	C13H28	017312-57-1	47
4	Undecane		156	C11H24	001120-21-4	46
5	Pentadecane		212	C15H32	000629-62-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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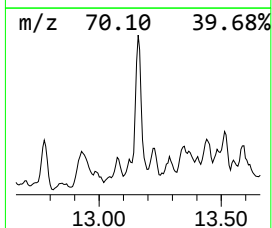
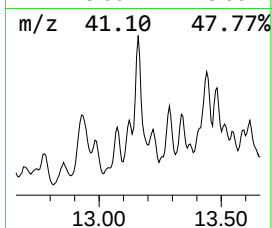
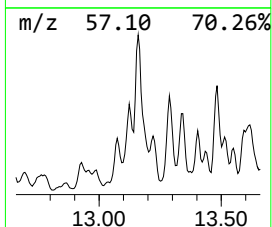
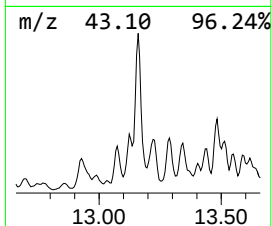
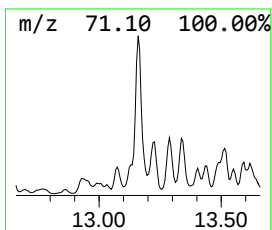
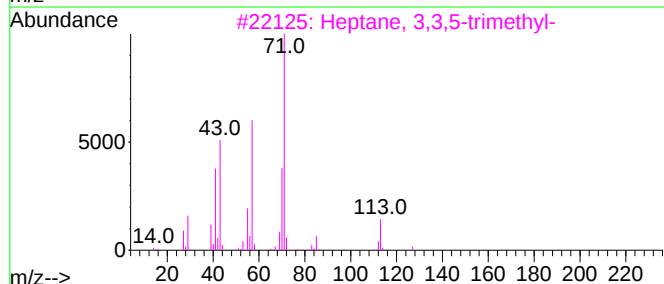
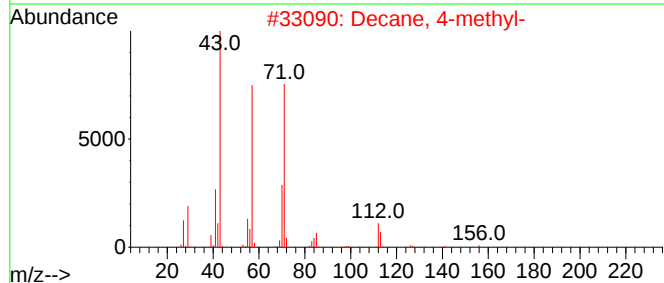
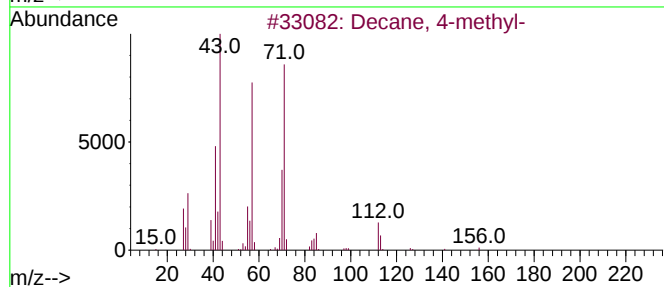
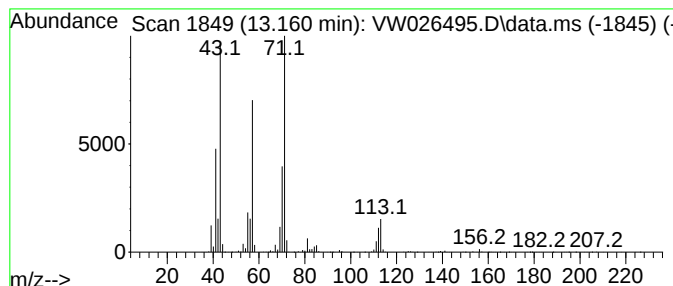
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	112.82 ug/L	2250820	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Decane, 4-methyl-	156	C11H24	002847-72-5	83
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4		Octane, 3-ethyl-	142	C10H22	005881-17-4	72
5		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

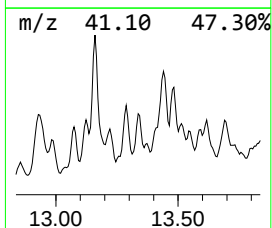
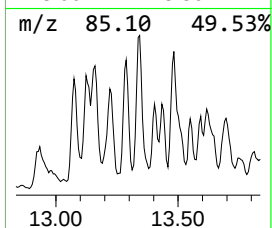
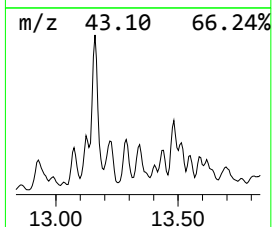
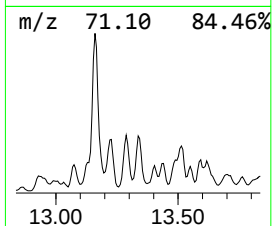
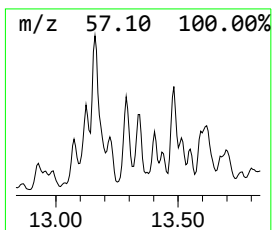
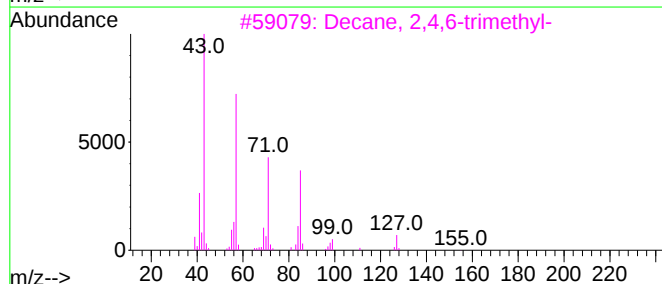
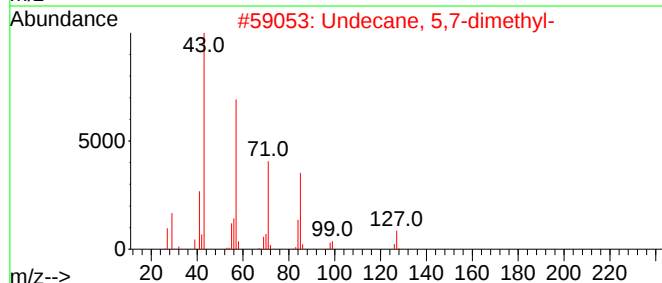
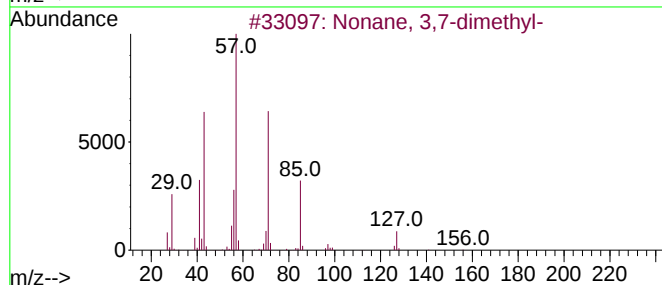
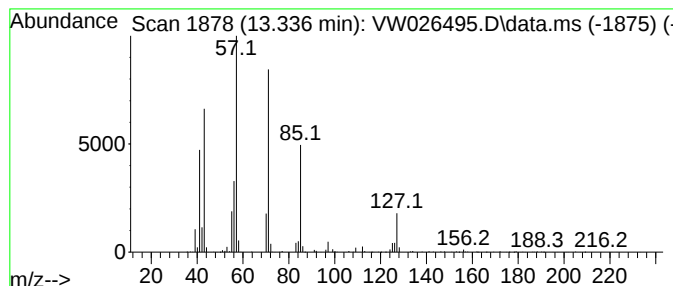
Instrument :
MSVOA_W
ClientSampleId :
A46W0

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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.336	26.27 ug/L	524145	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	91
2	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	78
3	Decane, 2,4,6-trimethyl-		184	C13H28	062108-27-4	72
4	Undecane, 2,8-dimethyl-		184	C13H28	017301-25-6	64
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

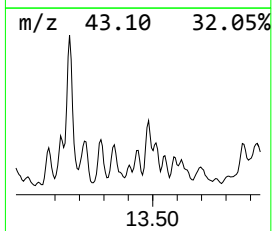
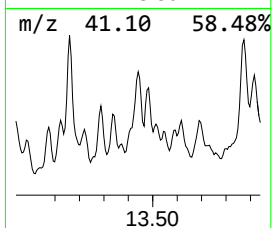
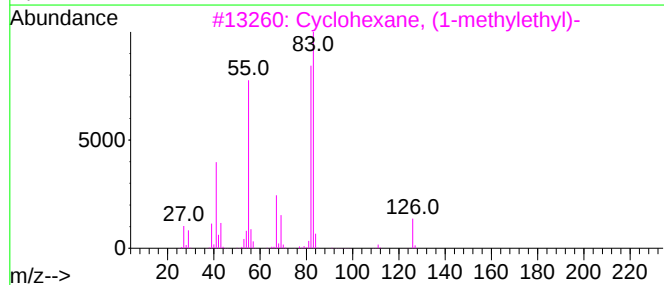
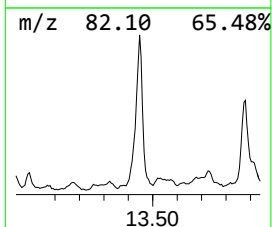
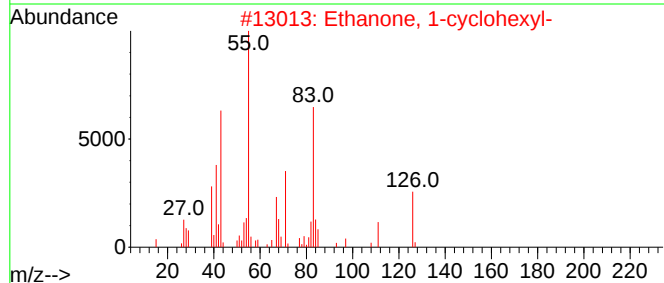
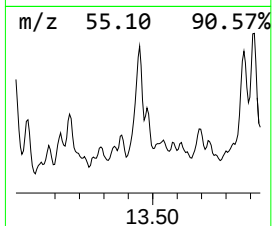
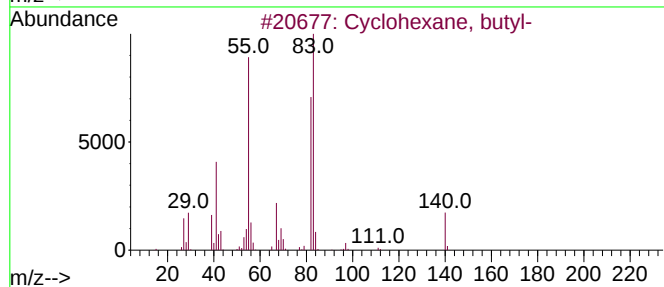
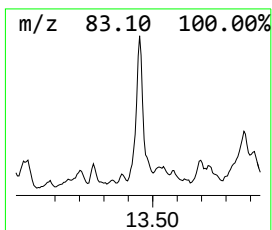
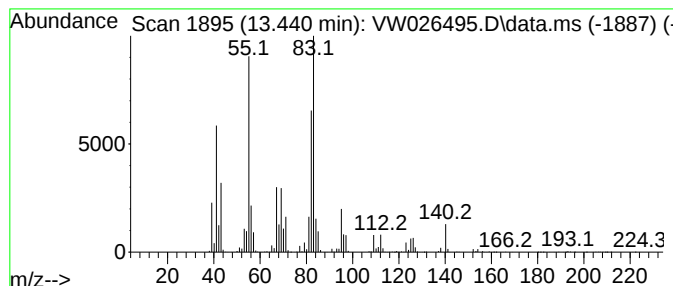
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic13.440 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	101.90 ug/L	2032910	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2			Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	64
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

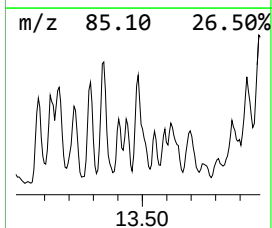
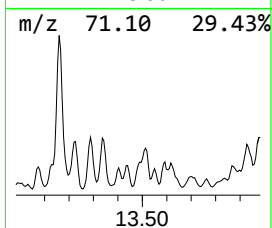
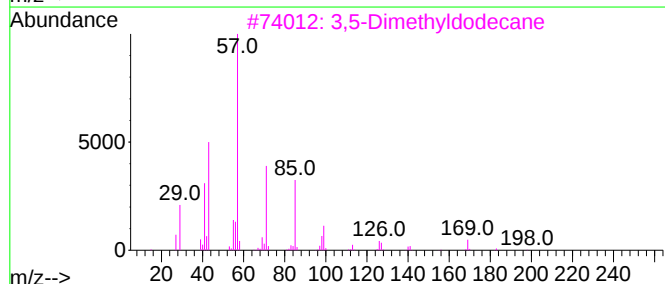
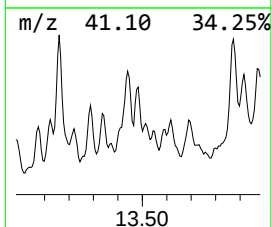
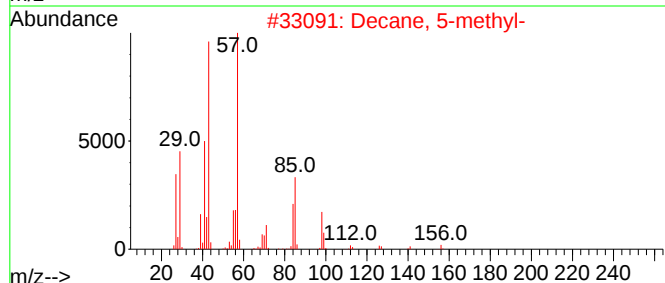
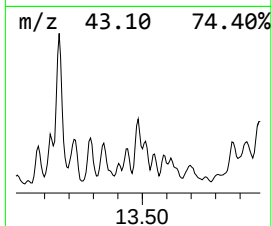
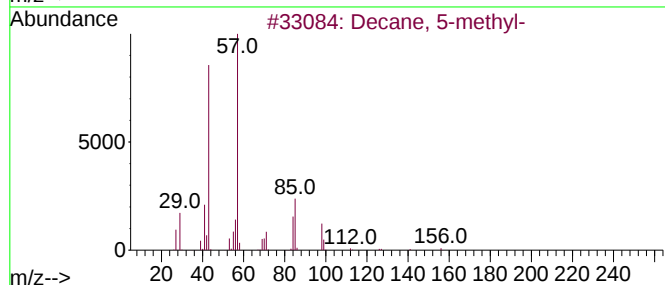
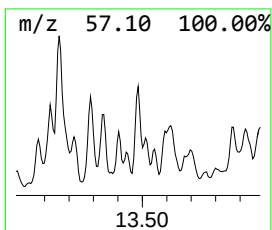
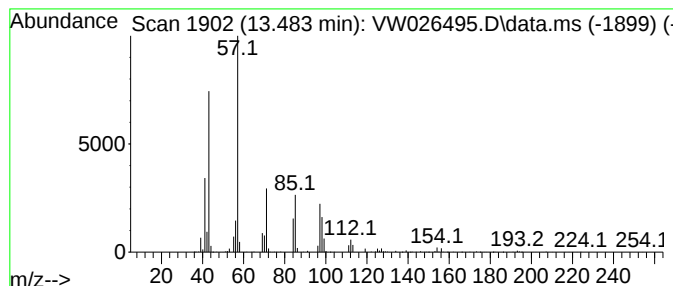
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.483	30.13 ug/L	601115	1,4-Dichlorobenzene-d4			13.556
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	62
3	3,5-Dimethyldodecane		198	C14H30	107770-99-0	53
4	Hexatriacontane		507	C36H74	000630-06-8	53
5	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

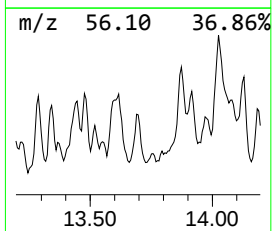
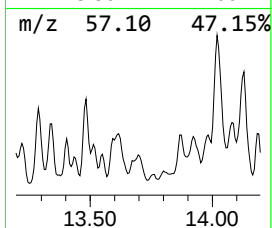
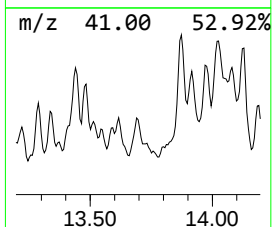
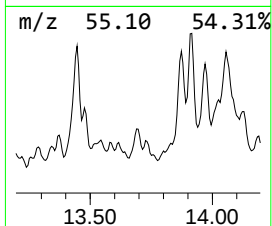
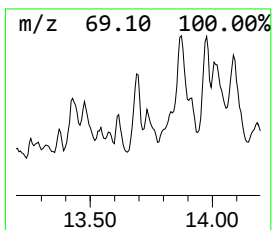
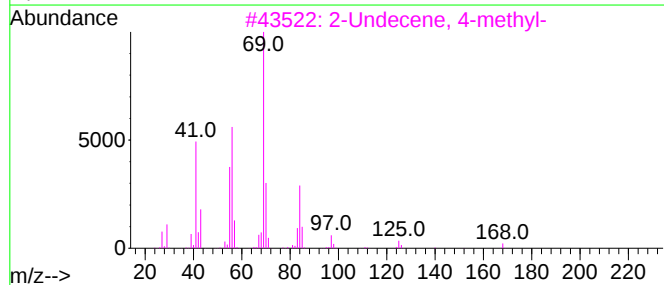
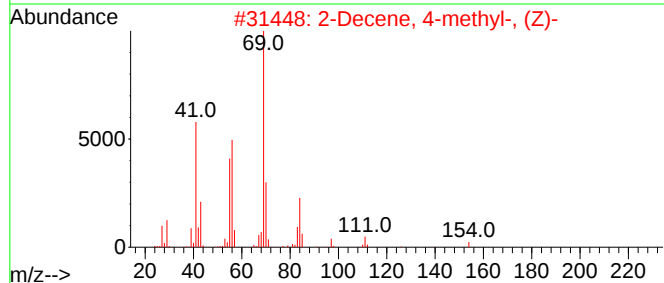
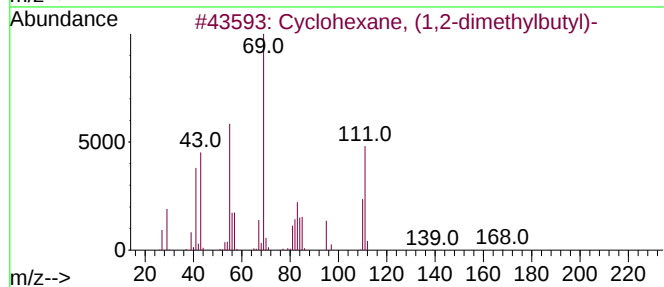
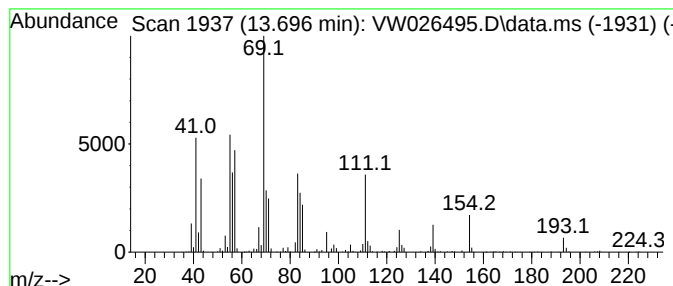
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic13.696 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	45.38 ug/L	905423	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	49
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47
3			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	43
4			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	38
5			1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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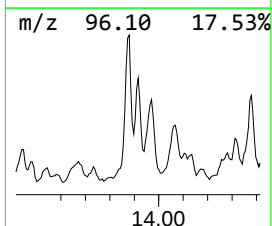
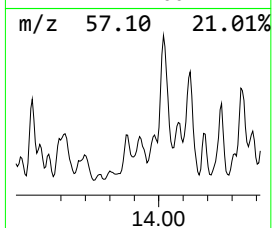
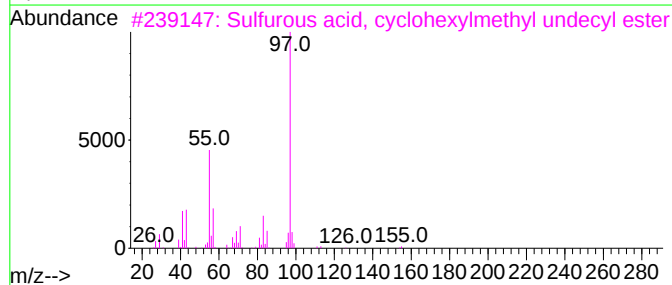
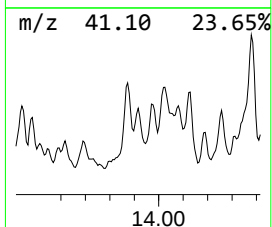
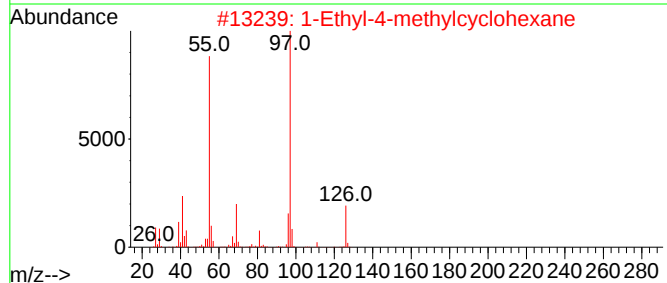
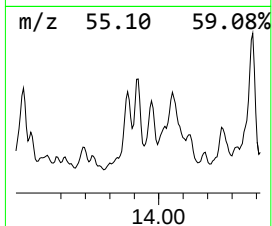
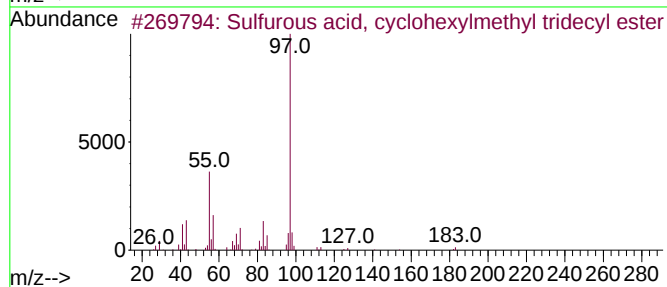
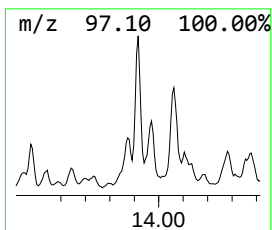
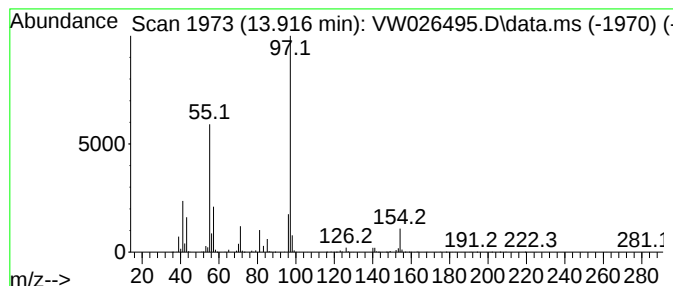
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Quant Title : SFAM01.0

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

Peak Number 23 Sulfurous acid, cyclohexylm... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	39.60 ug/L	790116	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
4			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
5			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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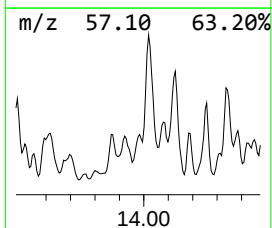
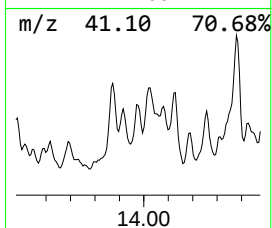
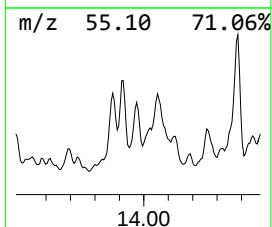
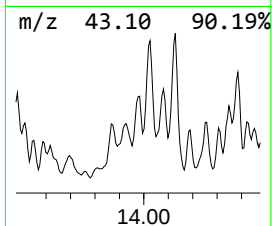
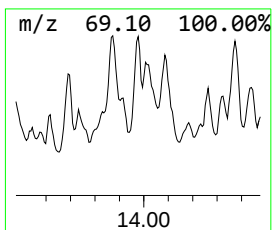
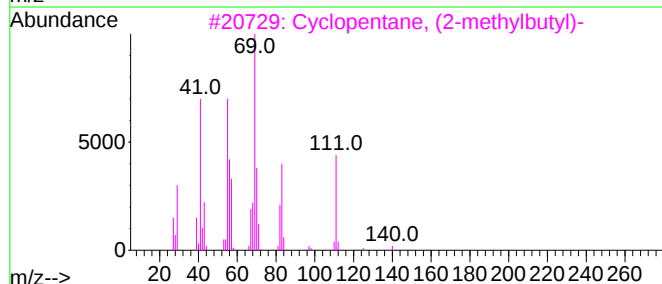
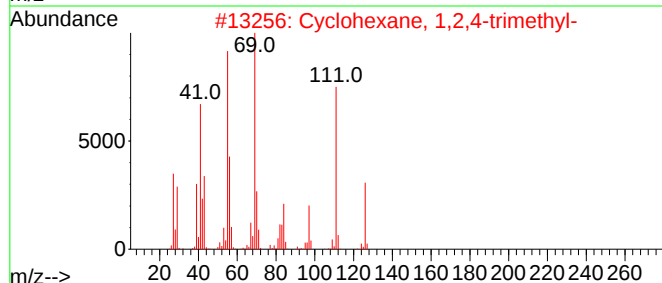
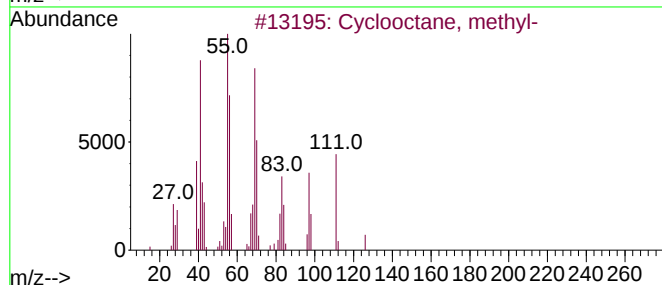
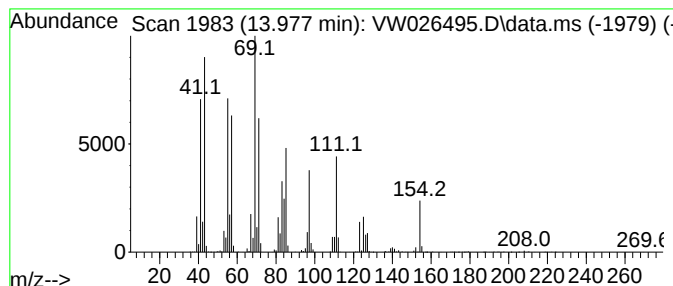
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic13.977 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	47.17 ug/L	940963	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	46
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	30
5			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

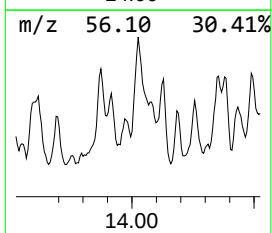
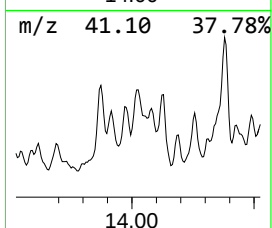
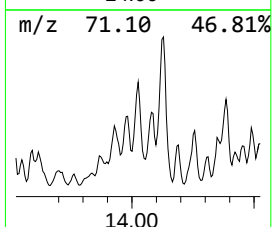
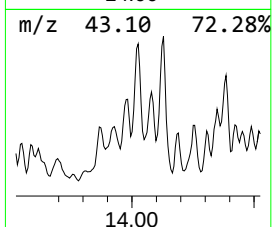
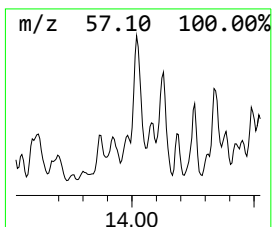
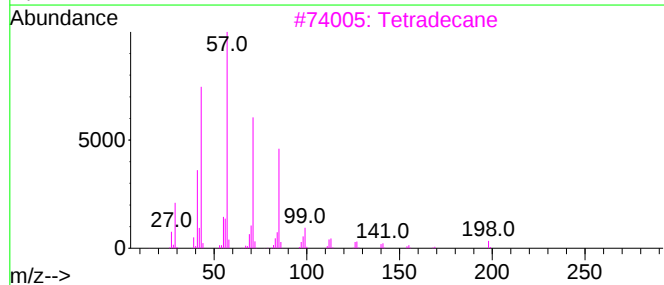
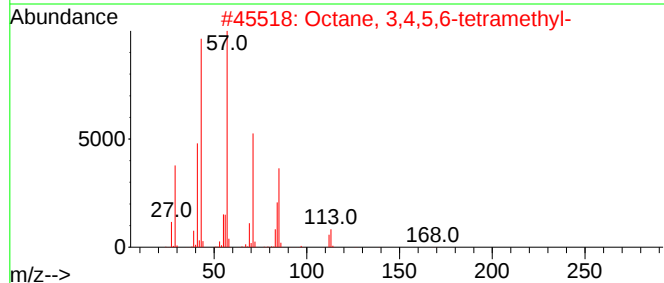
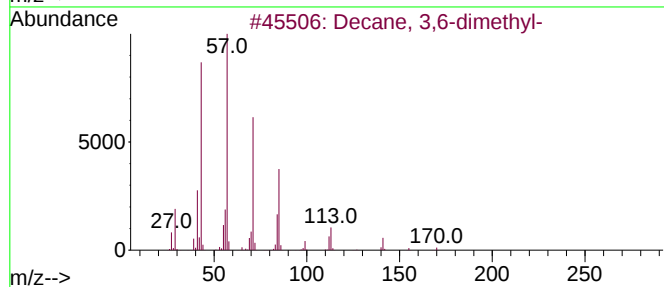
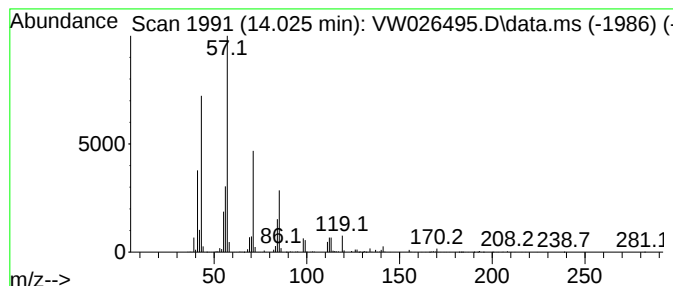
Instrument :
MSVOA_W
ClientSampleId :
A46W0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.025	70.78 ug/L	1412120	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	81
2	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	59
3	Tetradecane		198	C14H30	000629-59-4	59
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	53
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

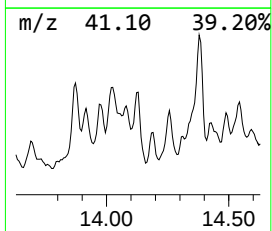
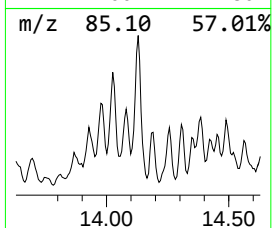
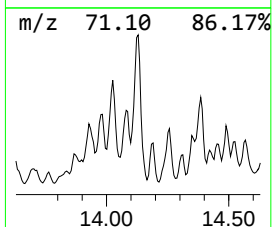
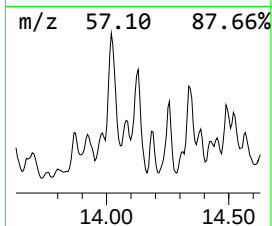
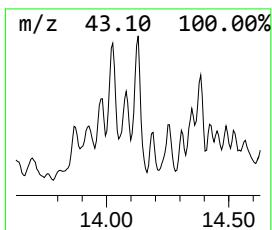
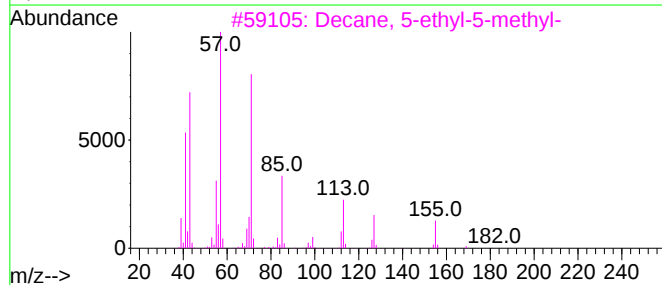
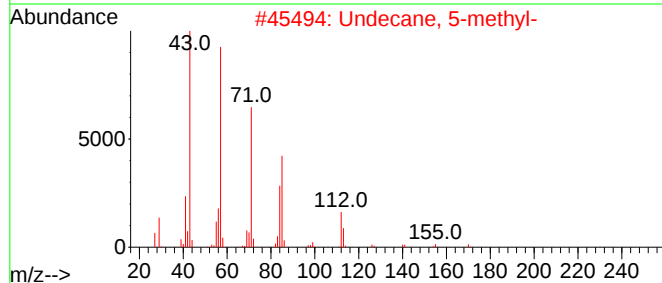
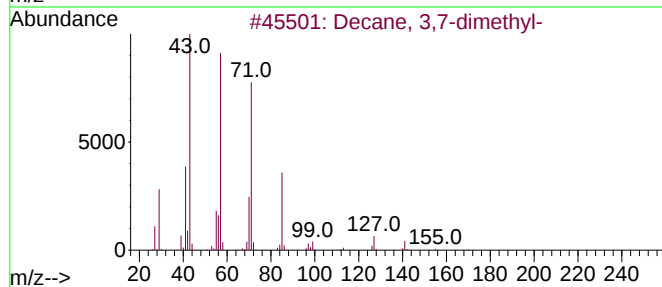
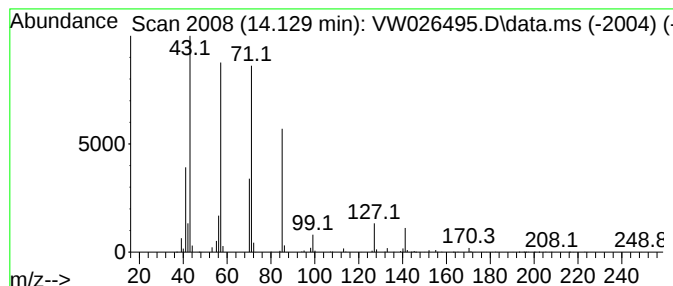
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.129	89.96 ug/L	1794660	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
5		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

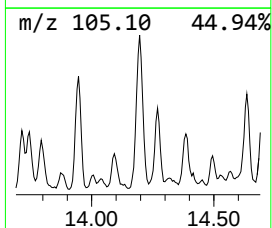
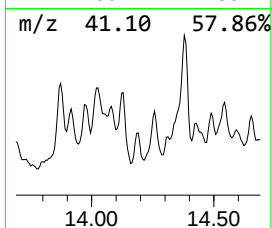
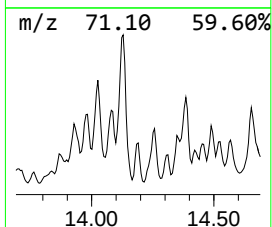
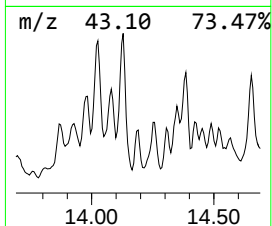
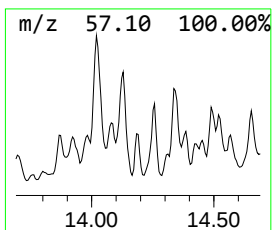
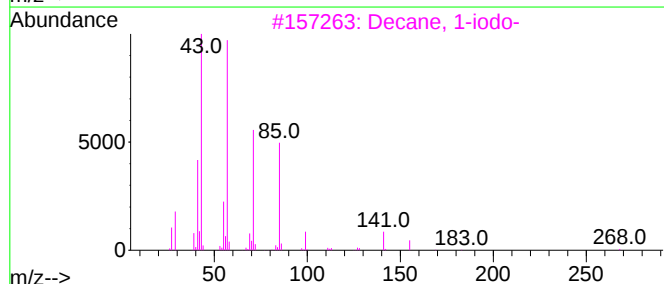
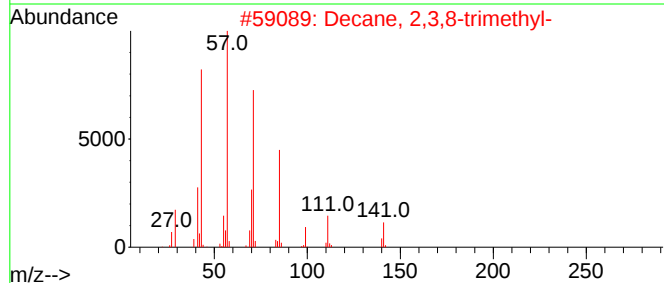
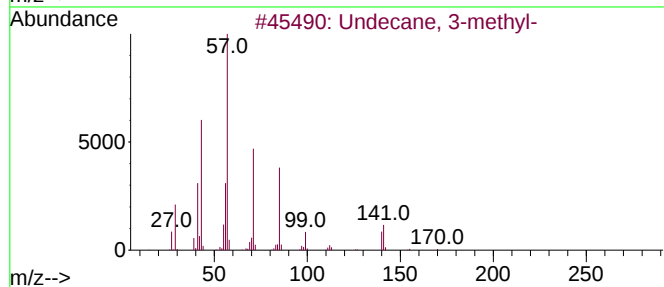
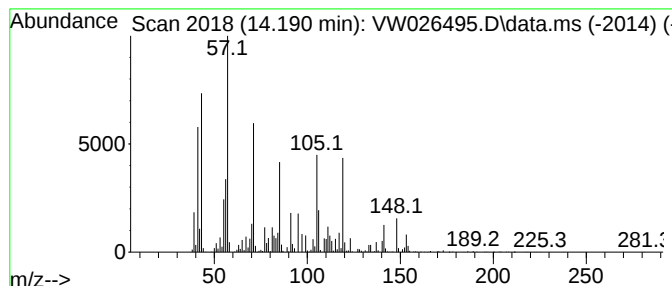
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	45.52 ug/L	908196	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	53
2	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	43
3	Decane, 1-iodo-		268	C10H21I	002050-77-3	43
4	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	43
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

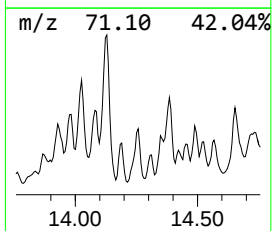
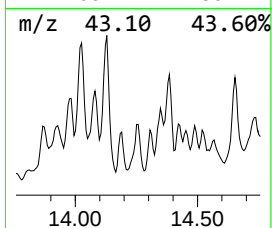
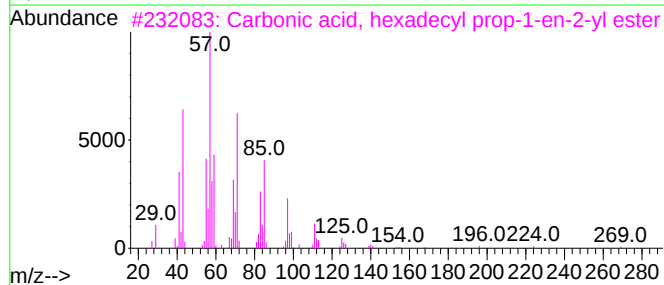
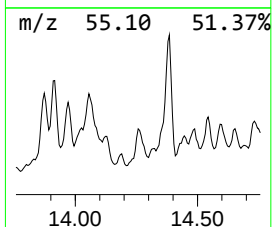
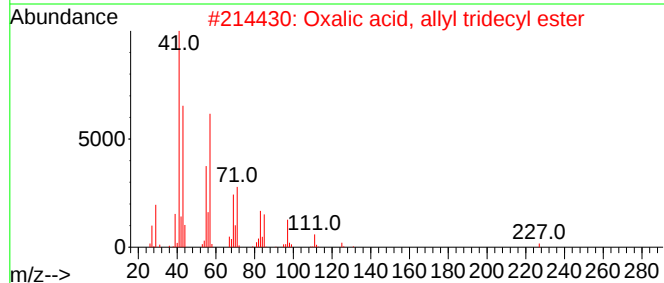
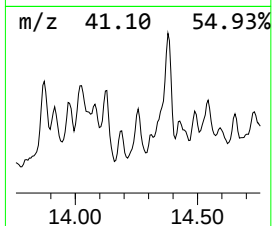
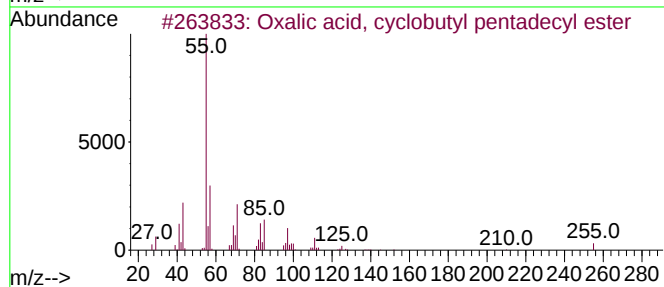
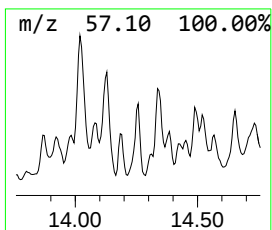
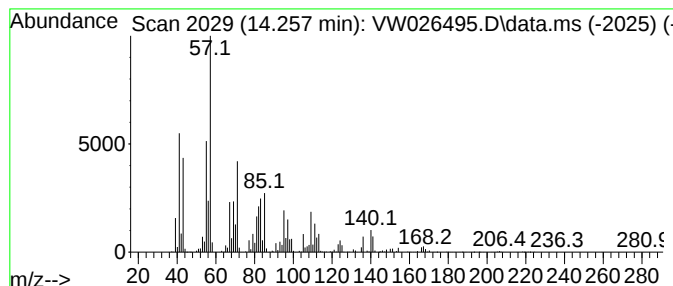
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Quant Title : SFAM01.0

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

Peak Number 28 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	57.56 ug/L	1148290	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	49
2			Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	43
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	35
4			Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	35
5			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

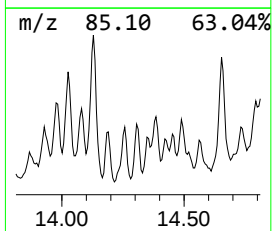
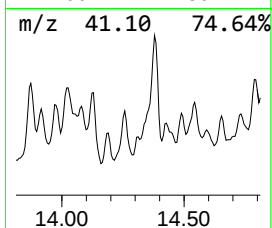
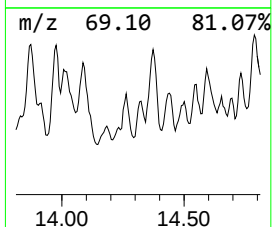
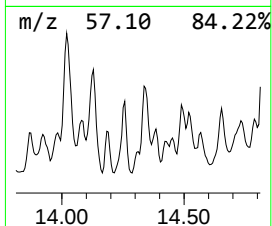
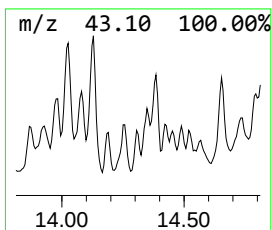
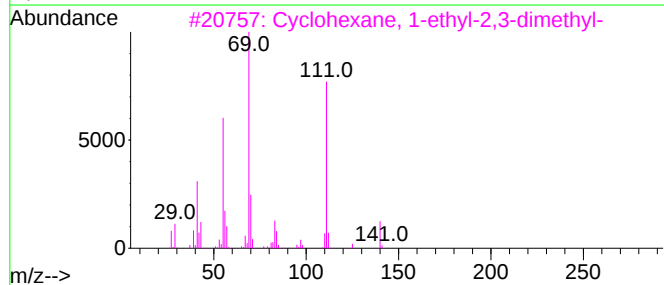
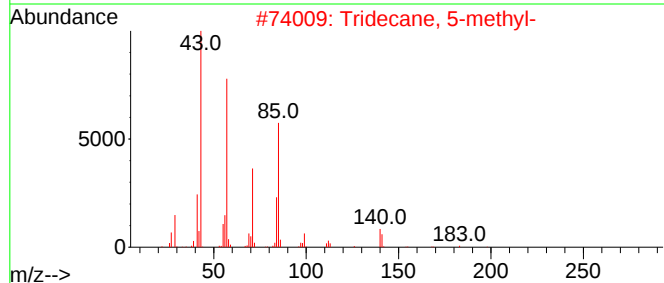
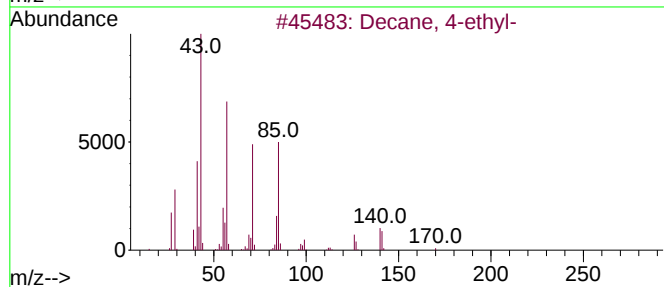
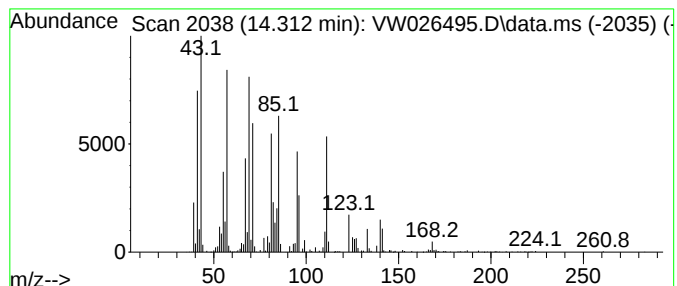
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	21.94 ug/L	437757	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-ethyl-	170	C12H26	001636-44-8	60
2		Tridecane, 5-methyl-	198	C14H30	025117-31-1	60
3		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	30
4		2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1010196-77-9	25
5		Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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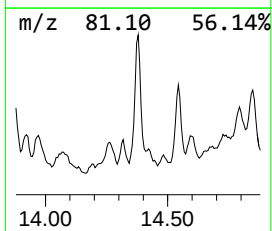
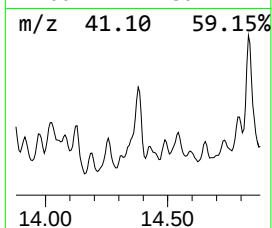
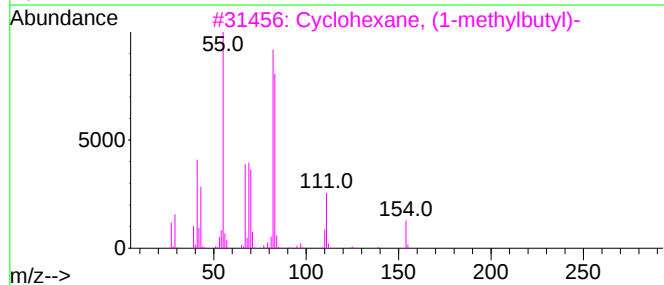
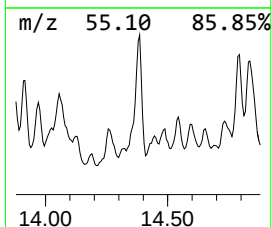
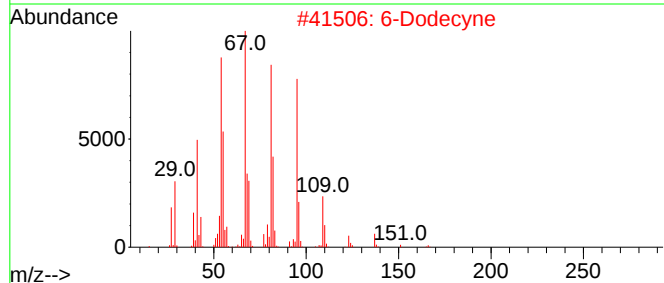
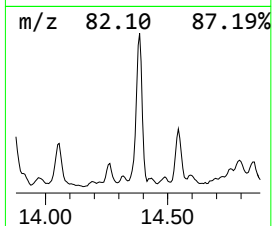
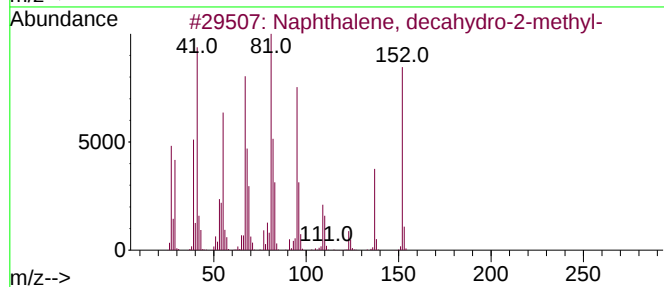
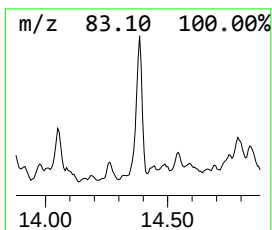
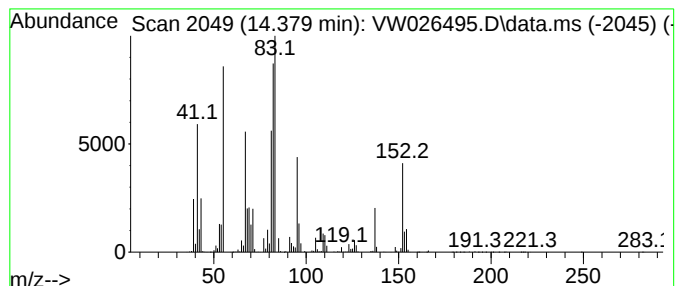
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Quant Title : SFAM01.0

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

Peak Number 30 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	147.67 ug/L	2946030	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2		6-Dodecyne	166	C12H22	006975-99-1	47
3		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
4		(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	43
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

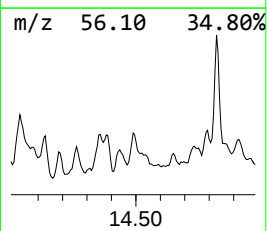
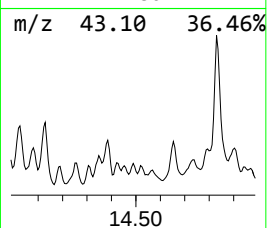
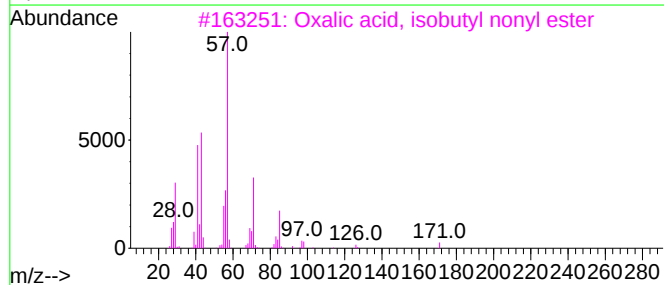
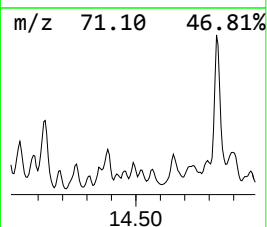
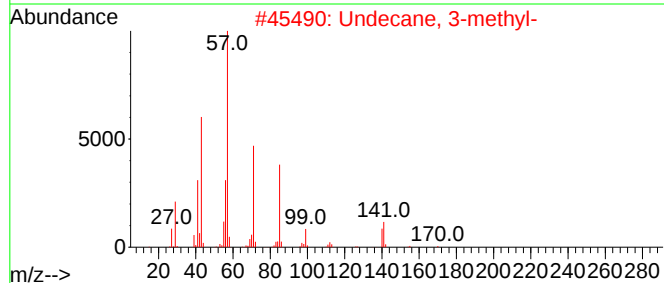
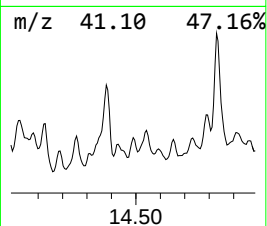
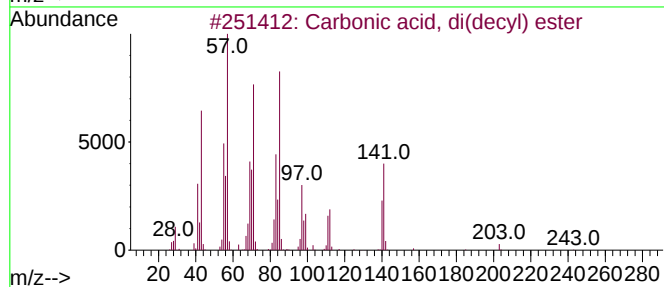
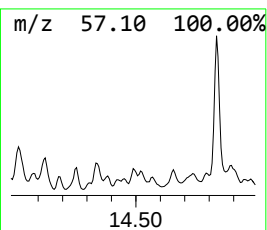
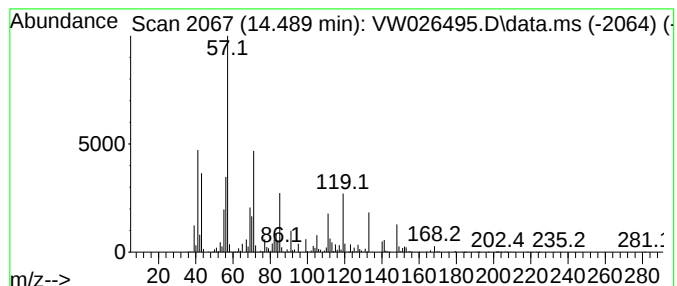
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Quant Title : SFAM01.0

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

Peak Number 31 Carbonic acid, di(decyl) ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	33.59 ug/L	670117	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, di(decyl) ester	342	C21H42O3	1000383-15-9	50
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	47
4			Decane, 3-methyl-	156	C11H24	013151-34-3	47
5			Tridecane	184	C13H28	000629-50-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

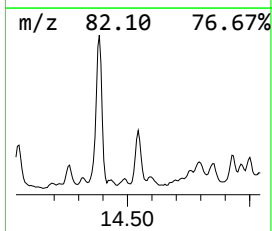
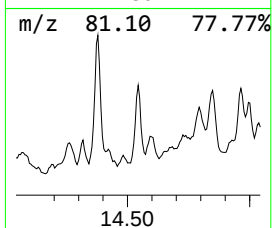
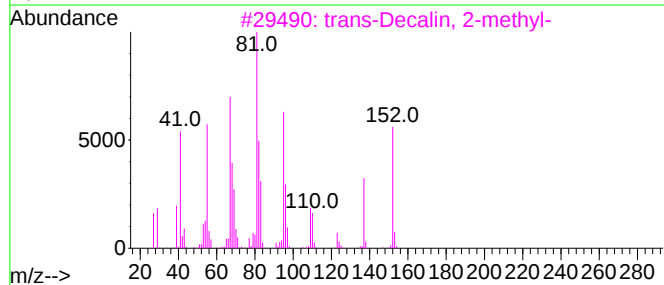
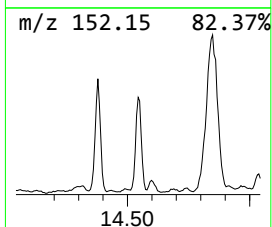
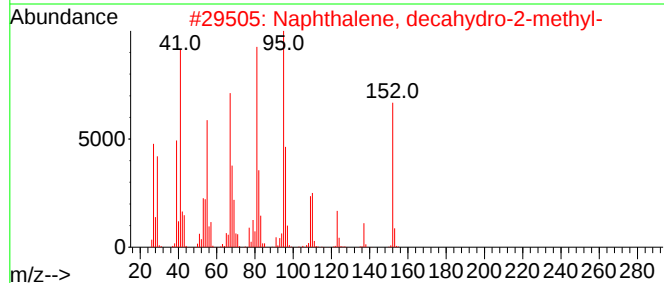
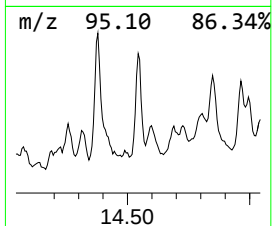
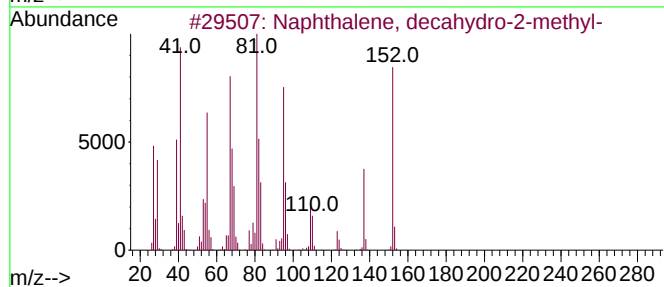
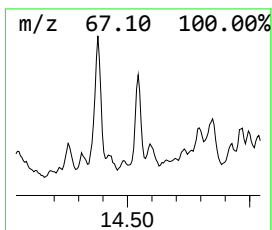
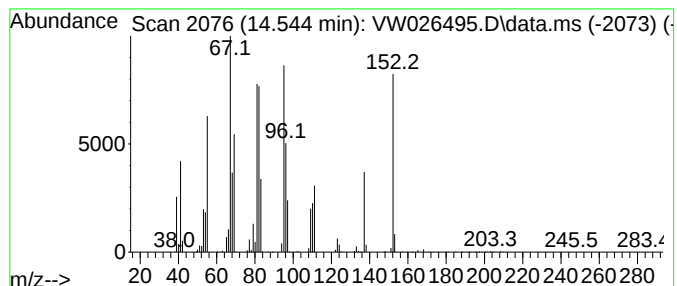
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Quant Title : SFAM01.0

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

Peak Number 32 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	51.59 ug/L	1029300	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

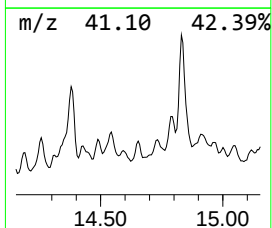
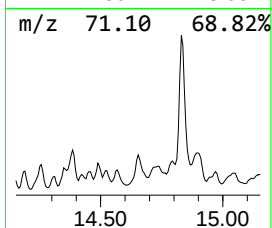
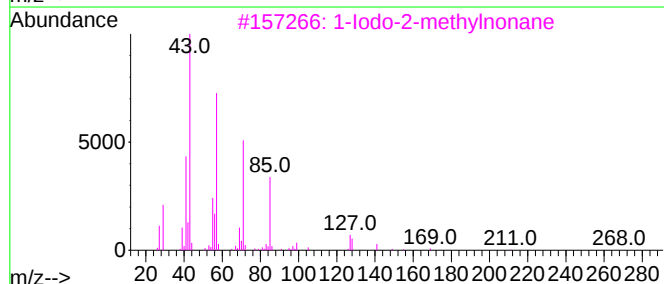
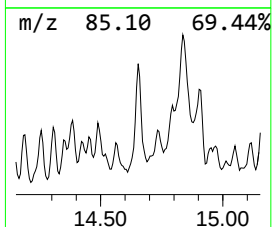
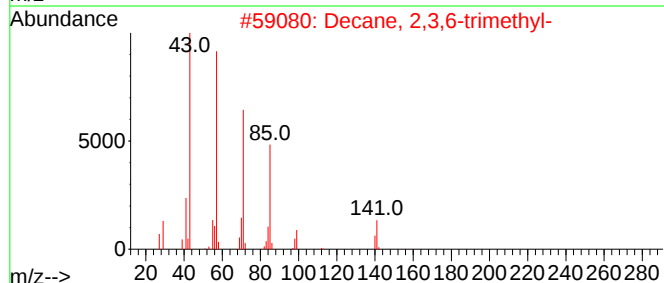
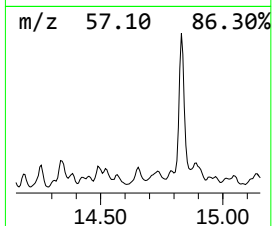
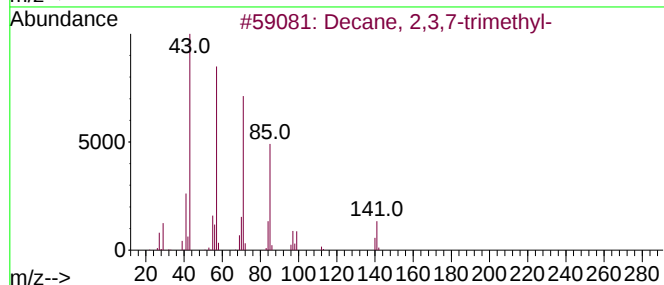
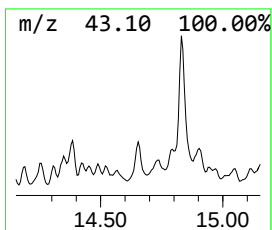
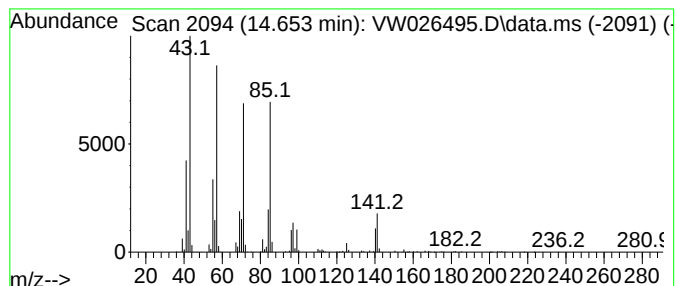
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	25.44 ug/L	507623	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	80
2		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
3		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	50
5		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

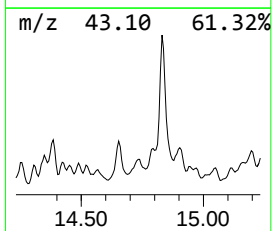
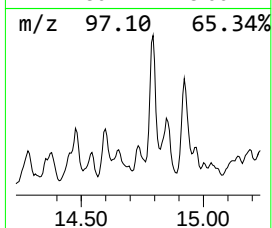
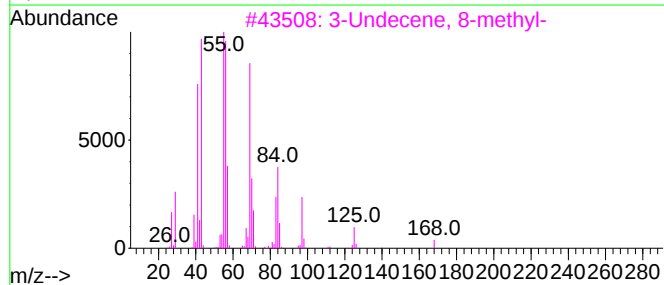
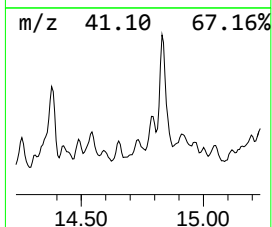
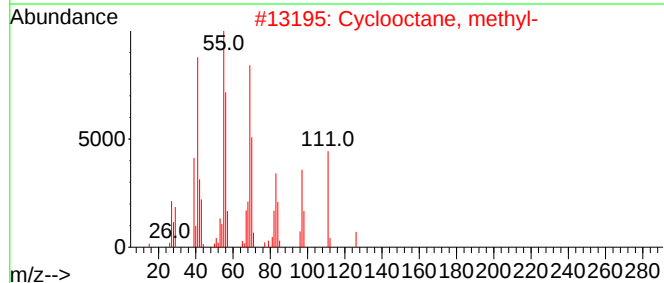
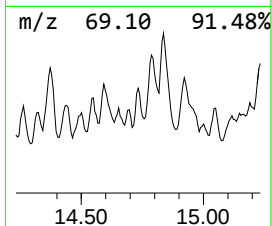
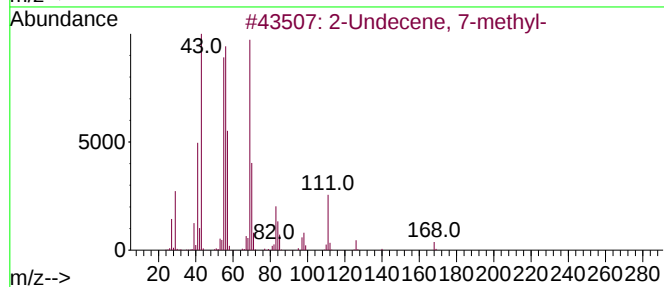
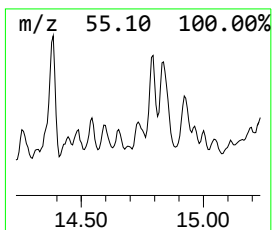
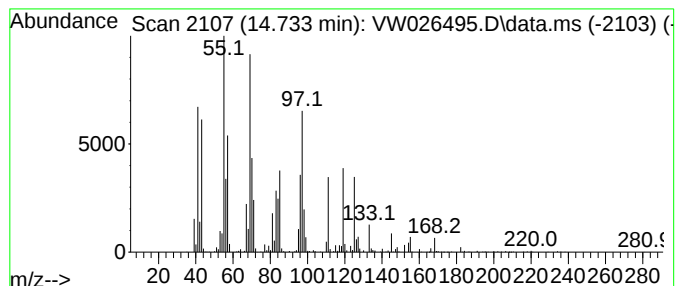
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	36.26 ug/L	723328	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	50	
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	46	
3	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	43	
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38	
5	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	30	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

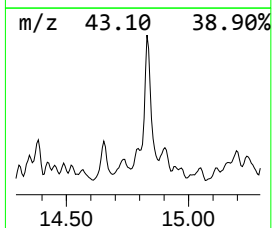
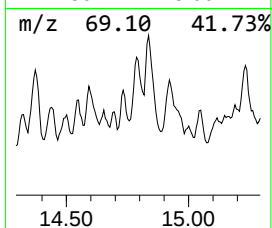
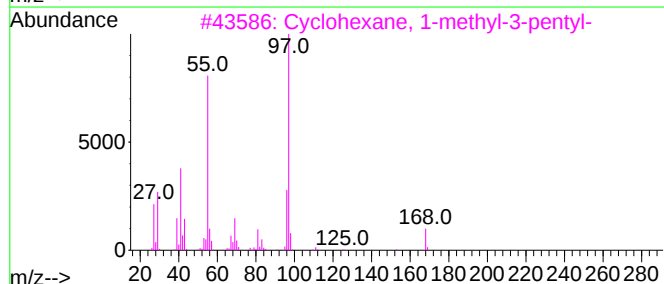
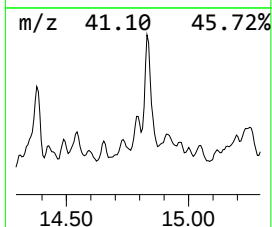
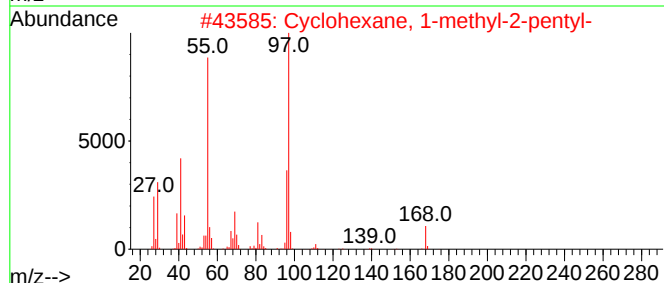
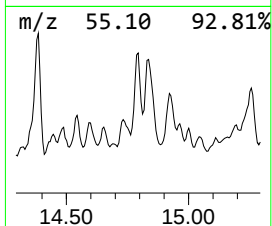
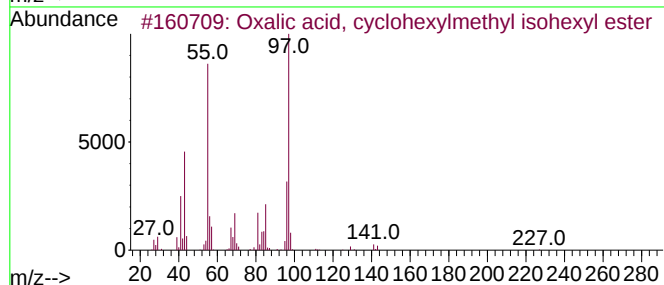
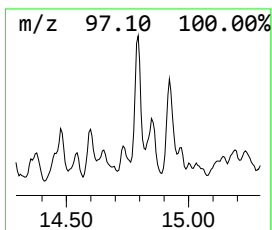
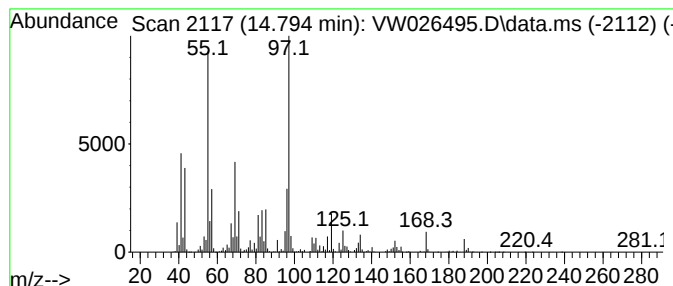
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Quant Title : SFAM01.0

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

Peak Number 35 Oxalic acid, cyclohexylmeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	93.55 ug/L	1866350	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
4			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	52
5			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

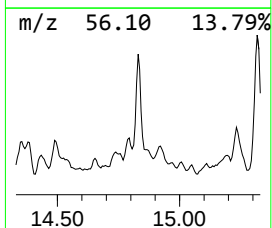
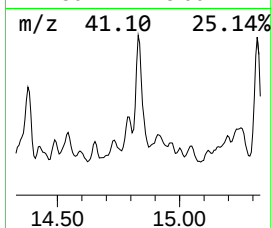
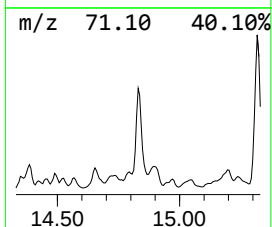
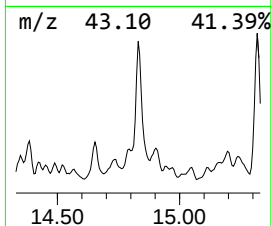
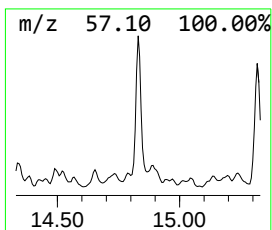
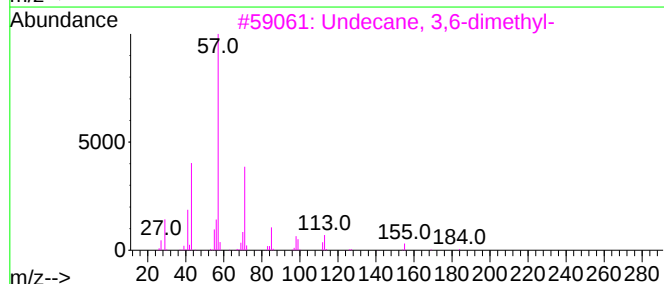
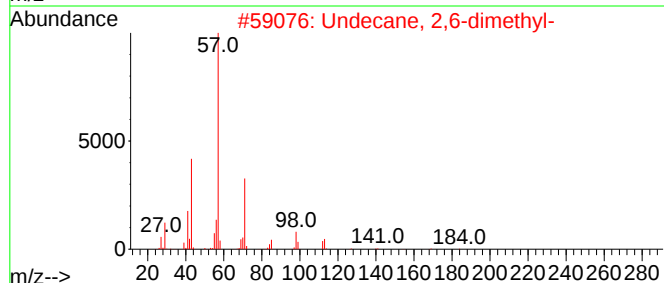
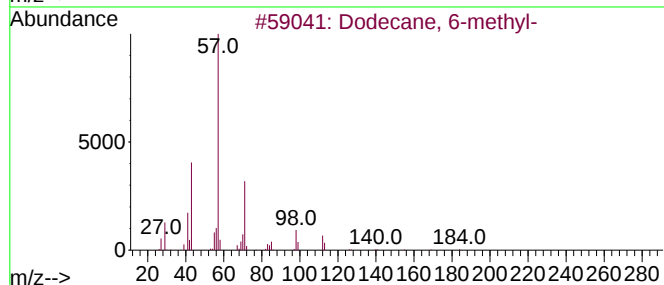
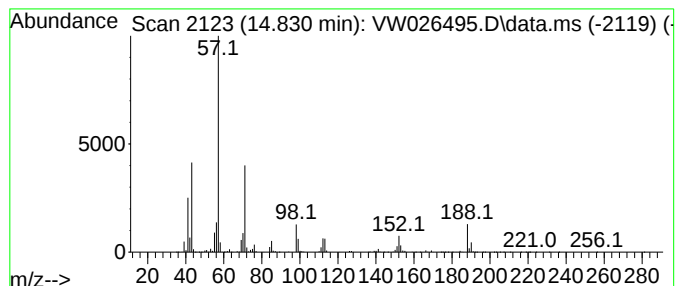
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	328.43 ug/L	6552170	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	96
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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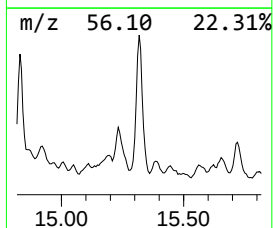
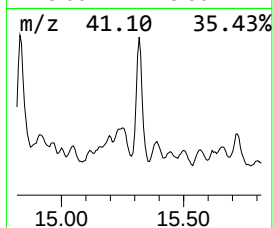
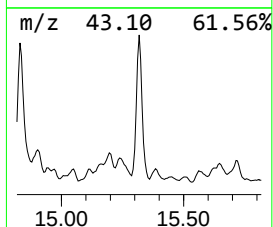
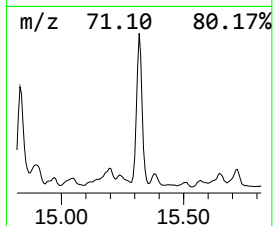
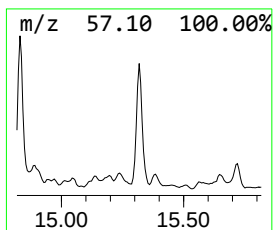
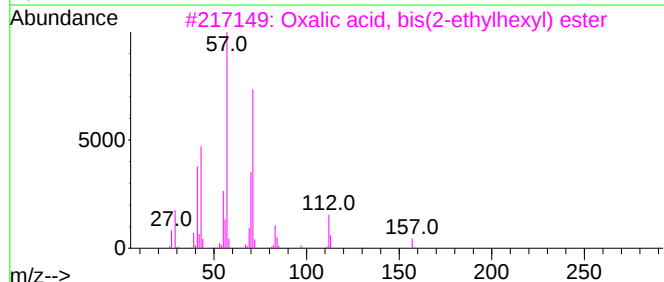
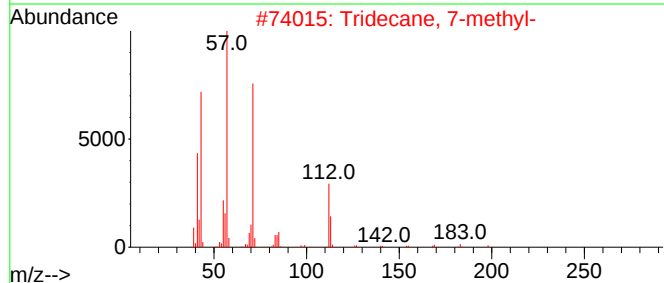
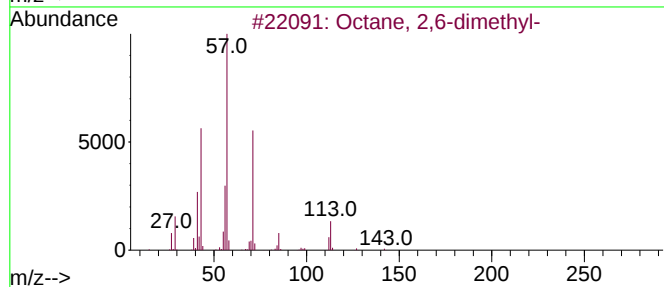
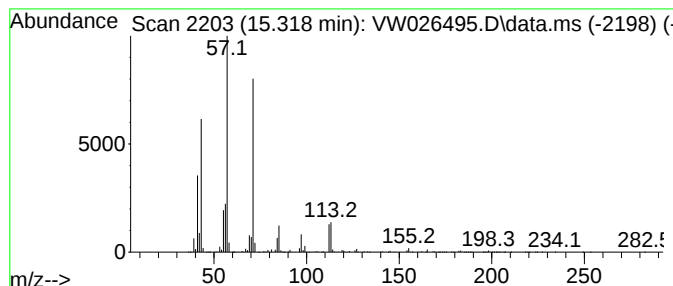
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	250.79 ug/L	5003210	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
3		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5		Decane, 4-methyl-	156	C11H24	002847-72-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

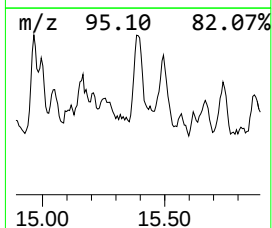
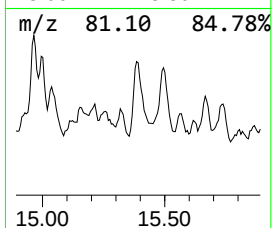
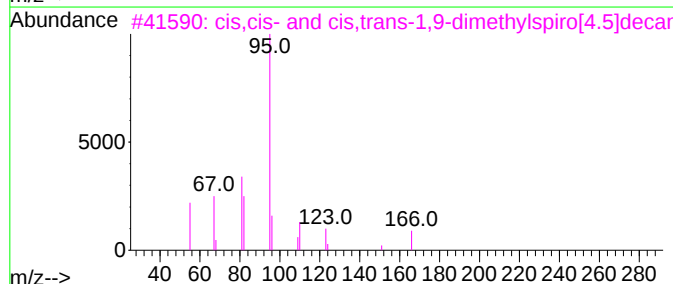
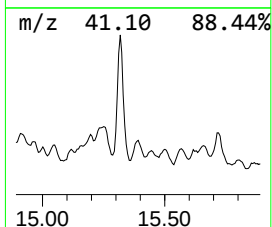
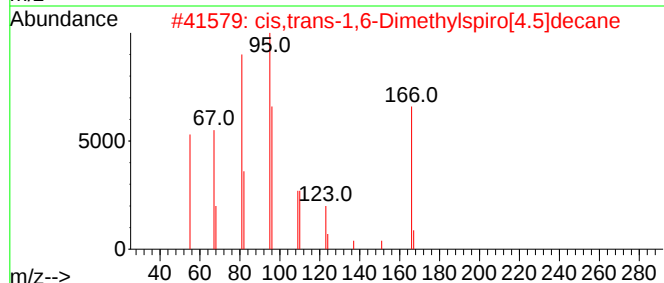
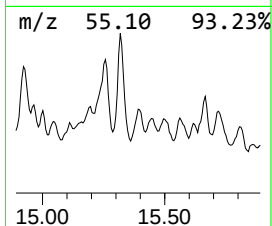
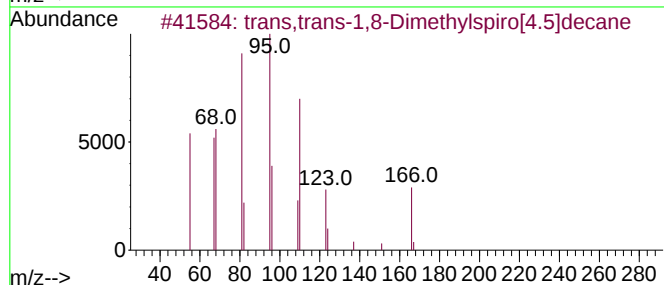
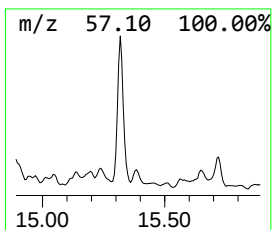
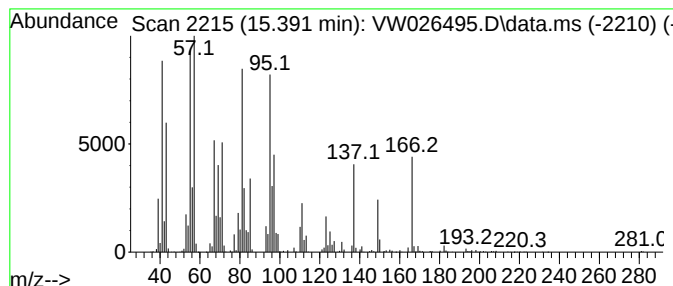
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Quant Title : SFAM01.0

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

Peak Number 38 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	55.67 ug/L	1110650	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,trans-1,8-Dimethylspiro[4.5]decane	166	C12H22	1000111-72-8	46
2			cis,trans-1,6-Dimethylspiro[4.5]decane	166	C12H22	1000111-72-3	41
3			cis,cis- and cis,trans-1,9-dimethylspiro[4.5]decane	166	C12H22	1000111-72-5	30
4			17-Pentatriacontene	491	C35H70	006971-40-0	25
5			Hexatriacontyl pentafluoropropioate	669	C39H73F5O2	1000351-89-0	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

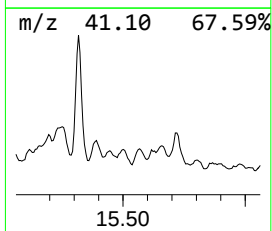
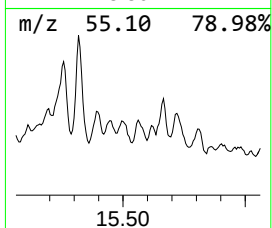
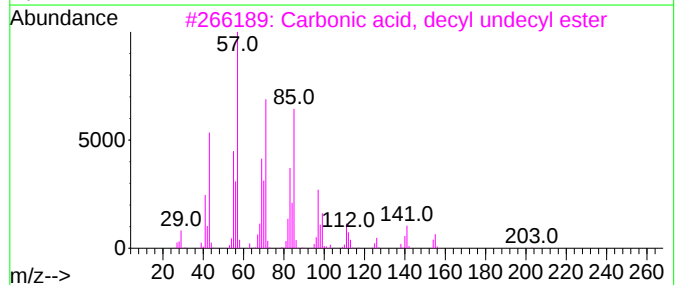
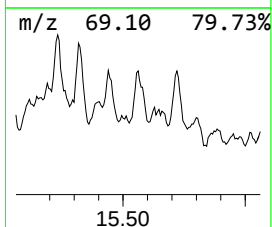
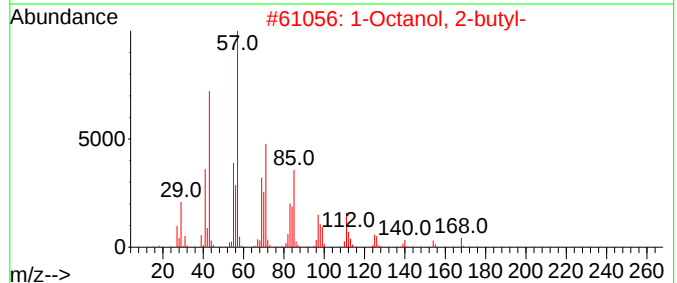
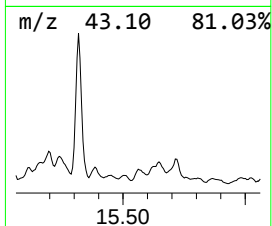
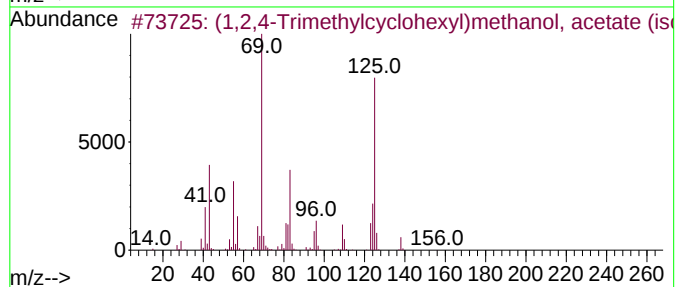
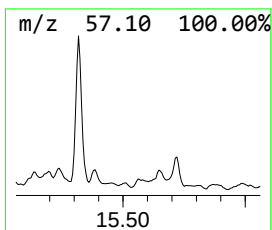
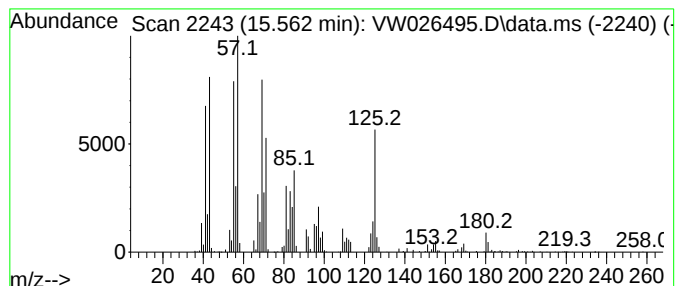
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 unknown-03

Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.562	30.37 ug/L	605900	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	49
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38
3			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	38
4			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38
5			Pentane, 3-methylene-	84	C6H12	000760-21-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

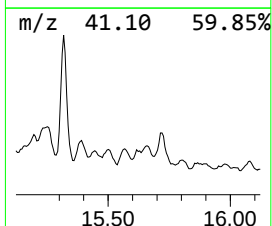
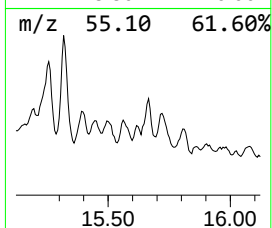
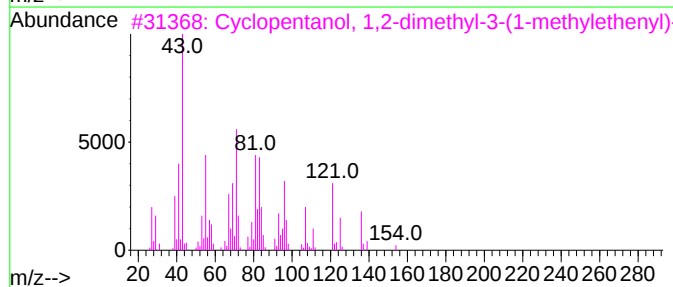
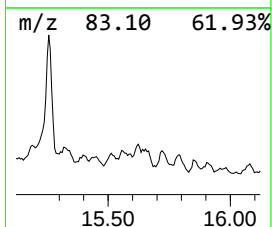
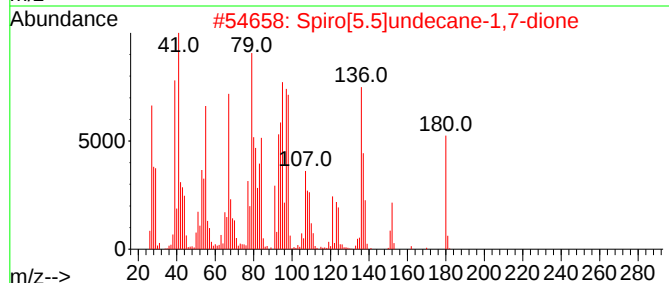
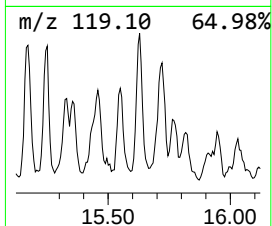
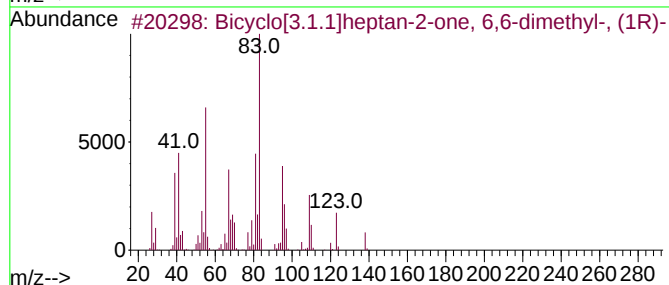
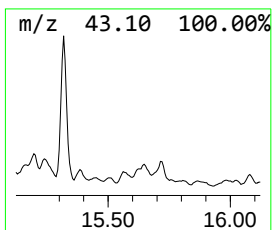
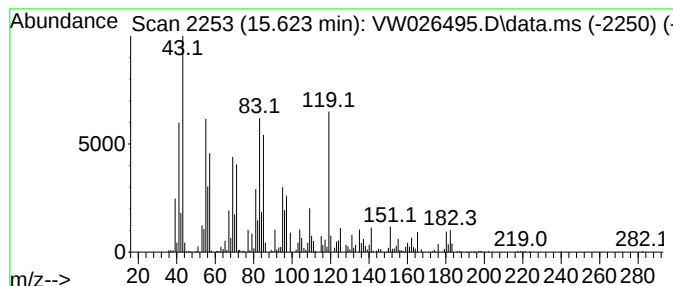
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-04 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	17.78 ug/L	354777	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	42
2			Spiro[5.5]undecane-1,7-dione	180	C11H16O2	031251-68-0	25
3			Cyclopentanol, 1,2-dimethyl-3-(1...	154	C10H18O	004028-60-8	22
4			Undec-10-ynoic acid, decyl ester	322	C21H38O2	1000406-16-3	22
5			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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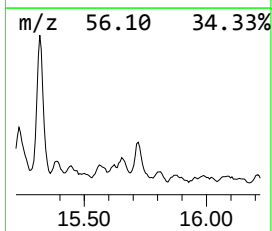
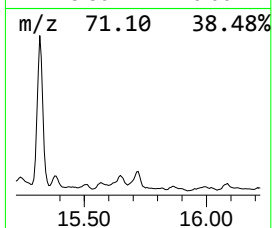
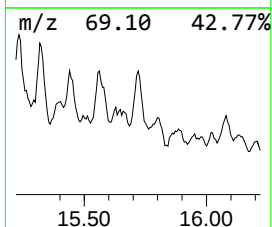
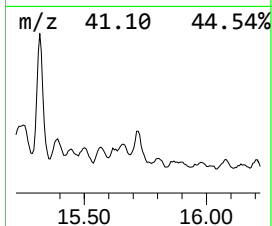
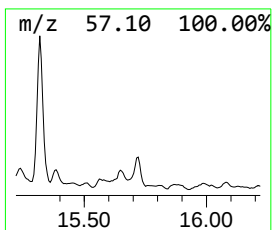
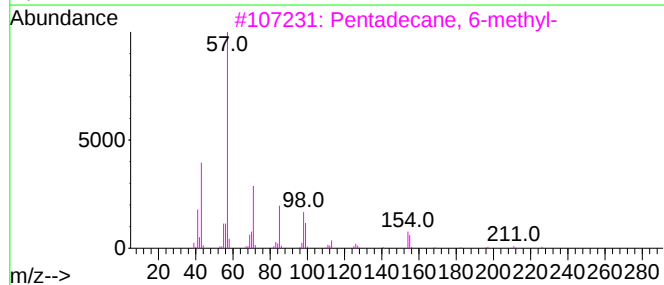
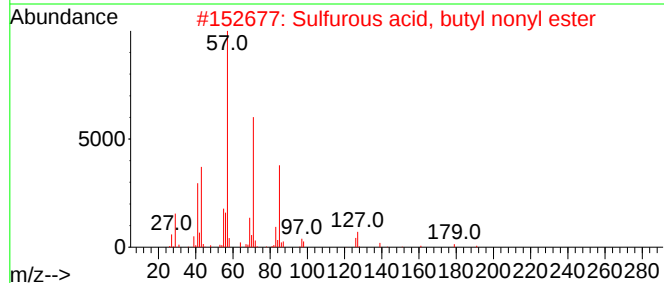
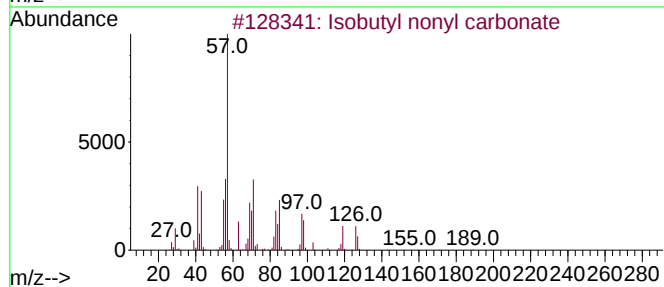
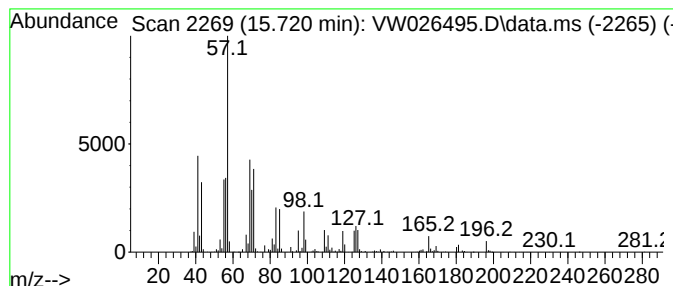
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Quant Title : SFAM01.0

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

Peak Number 41 Isobutyl nonyl carbonate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	81.99 ug/L	1635600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	59
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
3			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	38
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

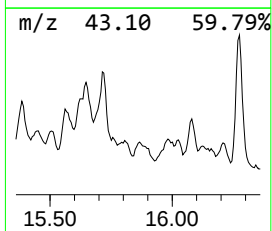
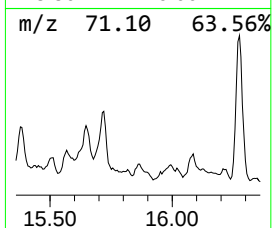
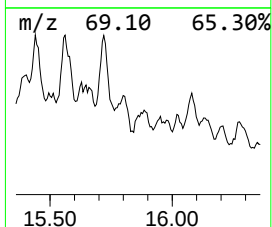
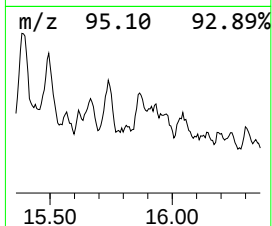
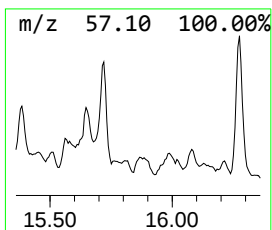
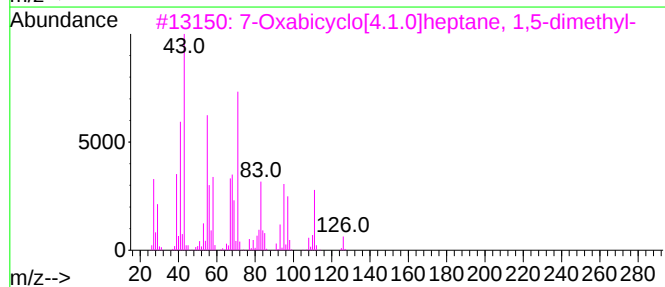
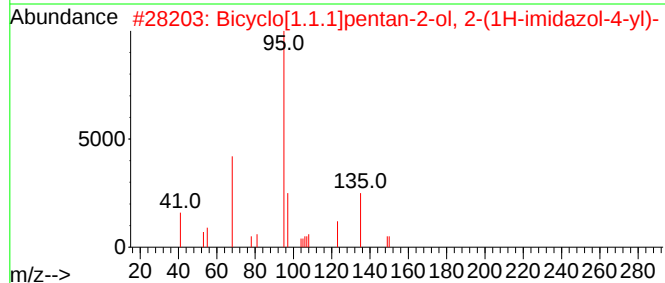
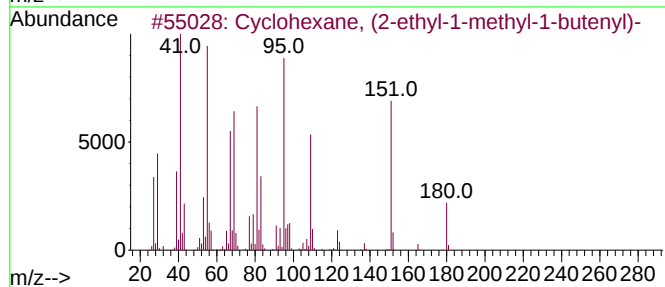
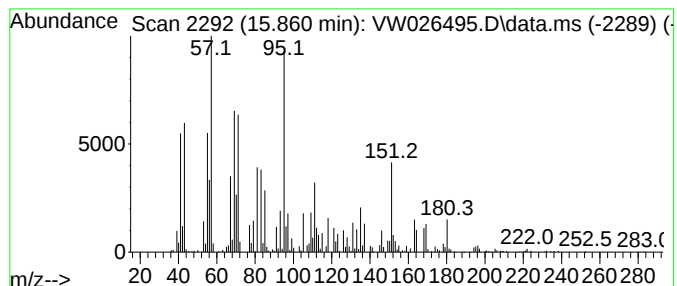
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Quant Title : SFAM01.0

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

Peak Number 42 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	20.79 ug/L	414853	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-ethyl-1-methyl-1...	180	C13H24	074810-42-7	38
2			Bicyclo[1.1.1]pentan-2-ol, 2-(1H...	150	C8H10N2O	069393-38-0	30
3			7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	30
4			(2-Penta-2,4-dienyl-cyclohexyl)-...	180	C12H20O	1000186-20-6	27
5			Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026495.D
Acq On : 01 Jul 2023 01:12
Operator : SY/MD
Sample : 03444-15
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46W0

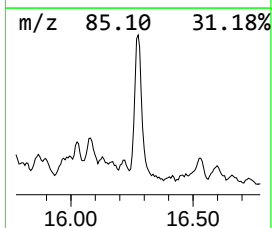
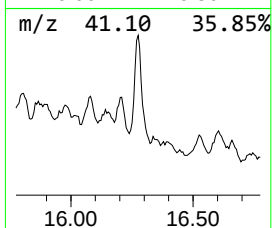
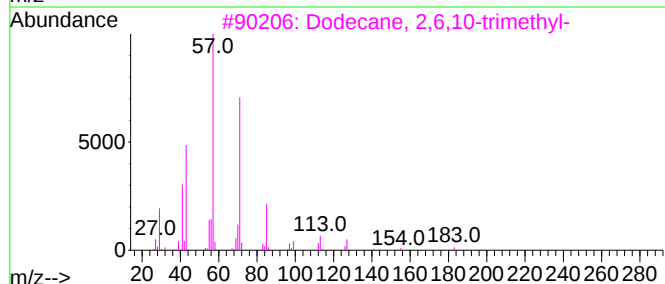
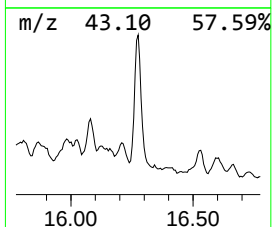
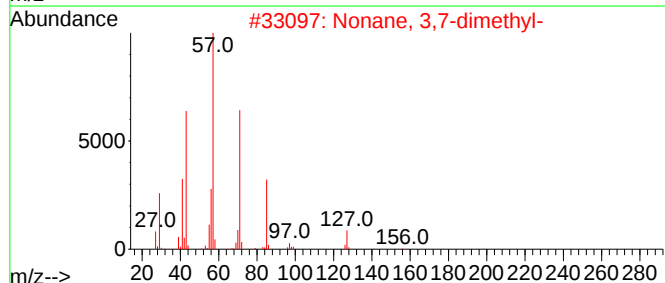
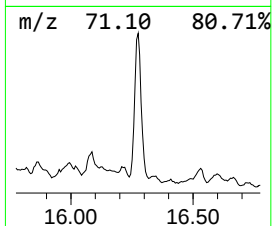
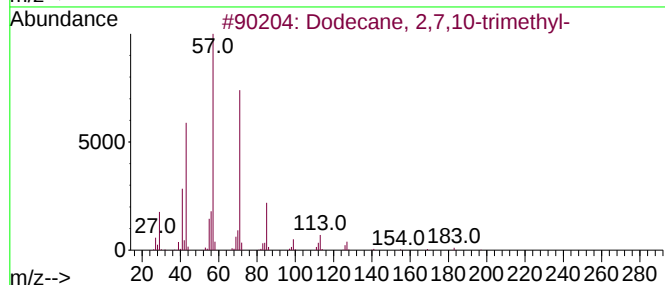
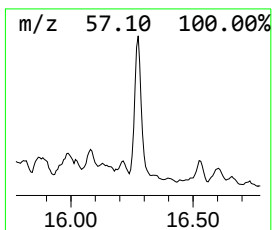
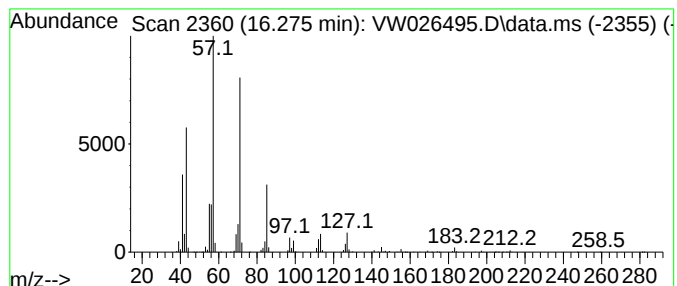
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Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	89.28 ug/L	1781080	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026495.D
 Acq On : 01 Jul 2023 01:12
 Operator : SY/MD
 Sample : 03444-15
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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
(DEL) Alkane: C...	5.015	3.4	ug/L	119590	1	8.843	883638	25.0
(DEL) Alkane: S...	9.953	1.5	ug/L	52230	1	8.843	883638	25.0
2-Oxepanone, 7-...	10.093	1.6	ug/L	55846	1	8.843	883638	25.0
(DEL) Alkane: C...	11.227	2.0	ug/L	86905	2	11.630	1058130	25.0
(DEL) Alkane: S...	11.404	1.5	ug/L	62672	2	11.630	1058130	25.0
(DEL) Alkane: S...	11.508	5.1	ug/L	217385	2	11.630	1058130	25.0
(DEL) Alkane: C...	11.916	2.9	ug/L	123245	2	11.630	1058130	25.0
(DEL) Alkane: C...	11.971	1.3	ug/L	53388	2	11.630	1058130	25.0
(DEL) Alkane: S...	12.056	4.3	ug/L	182872	2	11.630	1058130	25.0
(DEL) Alkane: S...	12.251	15.7	ug/L	662673	2	11.630	1058130	25.0
(DEL) Alkane: S...	12.361	40.0	ug/L	1691210	2	11.630	1058130	25.0
(DEL) Alkane: S...	12.538	7.8	ug/L	330016	2	11.630	1058130	25.0
(DEL) Alkane: C...	12.776	32.7	ug/L	652040	3	13.556	498749	25.0
(DEL) Alkane: S...	12.855	31.9	ug/L	636100	3	13.556	498749	25.0
(DEL) Alkane: S...	13.074	32.5	ug/L	648704	3	13.556	498749	25.0
(DEL) Alkane: S...	13.123	33.3	ug/L	665181	3	13.556	498749	25.0
(DEL) Alkane: S...	13.160	112.8	ug/L	2250820	3	13.556	498749	25.0
(DEL) Alkane: S...	13.336	26.3	ug/L	524145	3	13.556	498749	25.0
(DEL) Alkane: C...	13.440	101.9	ug/L	2032910	3	13.556	498749	25.0
(DEL) Alkane: S...	13.483	30.1	ug/L	601115	3	13.556	498749	25.0
(DEL) Alkane: C...	13.696	45.4	ug/L	905423	3	13.556	498749	25.0
Sulfurous acid,...	13.916	39.6	ug/L	790116	3	13.556	498749	25.0
(DEL) Alkane: C...	13.977	47.2	ug/L	940963	3	13.556	498749	25.0
(DEL) Alkane: S...	14.025	70.8	ug/L	1412120	3	13.556	498749	25.0
(DEL) Alkane: S...	14.129	90.0	ug/L	1794660	3	13.556	498749	25.0
(DEL) Alkane: S...	14.190	45.5	ug/L	908196	3	13.556	498749	25.0
unknown-01	14.257	57.6	ug/L	1148290	3	13.556	498749	25.0
(DEL) Alkane: S...	14.312	21.9	ug/L	437757	3	13.556	498749	25.0
Naphthalene, de...	14.379	147.7	ug/L	2946030	3	13.556	498749	25.0
Carbonic acid, ...	14.489	33.6	ug/L	670117	3	13.556	498749	25.0
trans-Decalin, ...	14.544	51.6	ug/L	1029300	3	13.556	498749	25.0
(DEL) Alkane: S...	14.653	25.4	ug/L	507623	3	13.556	498749	25.0
(DEL) Alkane: S...	14.733	36.3	ug/L	723328	3	13.556	498749	25.0
Oxalic acid, cy...	14.794	93.5	ug/L	1866350	3	13.556	498749	25.0
(DEL) Alkane: S...	14.830	328.4	ug/L	6552170	3	13.556	498749	25.0
(DEL) Alkane: S...	15.318	250.8	ug/L	5003210	3	13.556	498749	25.0
unknown-02	15.391	55.7	ug/L	1110650	3	13.556	498749	25.0
unknown-03	15.562	30.4	ug/L	605900	3	13.556	498749	25.0
unknown-04	15.623	17.8	ug/L	354777	3	13.556	498749	25.0
Isobutyl nonyl ...	15.720	82.0	ug/L	1635600	3	13.556	498749	25.0
unknown-05	15.860	20.8	ug/L	414853	3	13.556	498749	25.0
(DEL) Alkane: S...	16.275	89.3	ug/L	1781080	3	13.556	498749	25.0