

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026353.D
 Acq On : 27 Jun 2023 14:38
 Operator : SY/MD
 Sample : 03421-19
 Misc : 4.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46H7

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	37	41	50	rBV	29021	55178	1.40%	0.155%
2	2.363	71	78	91	rBV	175290	446211	11.32%	1.251%
3	2.582	112	114	117	rBV4	3455	3760	0.10%	0.011%
4	2.893	157	165	183	rBV	176839	505126	12.81%	1.416%
5	3.119	200	202	213	rVB7	11318	19415	0.49%	0.054%
6	3.301	227	232	238	rVB10	2180	5226	0.13%	0.015%
7	3.399	241	248	251	rBV6	4705	9050	0.23%	0.025%
8	3.423	251	252	255	rVB3	2428	2306	0.06%	0.006%
9	3.557	271	274	275	rBV3	1916	2010	0.05%	0.006%
10	3.600	278	281	286	rVB7	2003	3394	0.09%	0.010%
11	3.704	294	298	302	rBV7	2022	3664	0.09%	0.010%
12	3.887	325	328	332	rVB5	1596	1780	0.05%	0.005%
13	4.021	339	350	360	rBV	390950	1254693	31.83%	3.518%
14	4.118	360	366	378	rVB	141367	385661	9.78%	1.081%
15	4.387	402	410	411	rBV4	4032	8088	0.21%	0.023%
16	4.484	424	426	430	rVB5	1436	1993	0.05%	0.006%
17	4.691	456	460	461	rBV4	1126	1807	0.05%	0.005%
18	4.917	486	497	508	rBV2	22822	83065	2.11%	0.233%
19	5.143	528	534	537	rVV8	2749	6033	0.15%	0.017%
20	5.277	552	556	559	rBV6	1244	2069	0.05%	0.006%
21	5.380	572	573	577	rBV4	1297	1900	0.05%	0.005%
22	5.533	594	598	602	rVB7	1209	1760	0.04%	0.005%
23	5.947	656	666	675	rBV4	8420	30177	0.77%	0.085%
24	6.209	707	709	711	rBV3	1798	1989	0.05%	0.006%
25	6.539	762	763	768	rVB5	2036	1973	0.05%	0.006%
26	6.673	782	785	789	rBV6	1344	1777	0.05%	0.005%
27	6.868	813	817	819	rBV5	1521	1738	0.04%	0.005%
28	6.953	828	831	833	rBV4	1983	1941	0.05%	0.005%
29	7.075	843	851	859	rBV	126536	364208	9.24%	1.021%
30	7.167	861	866	878	rVB	61402	176965	4.49%	0.496%
31	7.337	890	894	897	rVB6	1838	2028	0.05%	0.006%
32	7.648	936	945	959	rVB	651040	1604702	40.70%	4.500%
33	8.136	1021	1025	1026	rBV4	1660	2019	0.05%	0.006%
34	8.276	1038	1048	1063	rBV2	1339328	3942361	100.00%	11.055%
35	8.477	1080	1081	1087	rVB6	2497	3116	0.08%	0.009%
36	8.703	1111	1118	1125	rBV4	4704	13219	0.34%	0.037%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	8.843	1131	1141	1153	rBV	1435724	2827520	71.72%	7.929%
38	8.928	1153	1155	1157	rVV3	2949	3206	0.08%	0.009%
39	9.081	1172	1180	1185	rBV3	6122	15221	0.39%	0.043%
40	9.276	1199	1212	1228	rBV	902683	1880409	47.70%	5.273%
41	9.526	1250	1253	1257	rBV6	1890	2545	0.06%	0.007%
42	9.666	1273	1276	1281	rBV6	3755	4566	0.12%	0.013%
43	9.892	1308	1313	1317	rVB8	3537	5799	0.15%	0.016%
44	9.953	1319	1323	1327	rBV7	2854	4187	0.11%	0.012%
45	10.032	1329	1336	1349	rVV	442917	817784	20.74%	2.293%
46	10.123	1349	1351	1358	rVB8	4201	8957	0.23%	0.025%
47	10.215	1358	1366	1368	rBV4	4557	9239	0.23%	0.026%
48	10.325	1375	1384	1391	rBV	1704630	3034366	76.97%	8.509%
49	10.392	1391	1395	1403	rVV	29003	53645	1.36%	0.150%
50	10.495	1408	1412	1419	rVB10	3650	7515	0.19%	0.021%
51	10.574	1419	1425	1435	rBV	279476	489915	12.43%	1.374%
52	10.703	1441	1446	1452	rVB2	12908	22094	0.56%	0.062%
53	10.757	1452	1455	1456	rBV2	2101	1917	0.05%	0.005%
54	10.776	1456	1458	1460	rVB3	2783	2285	0.06%	0.006%
55	10.824	1460	1466	1469	rBV7	5733	10856	0.28%	0.030%
56	10.922	1474	1482	1496	rBV	428712	786572	19.95%	2.206%
57	11.227	1529	1532	1536	rBV5	5286	7218	0.18%	0.020%
58	11.343	1546	1551	1554	rBV6	5890	10534	0.27%	0.030%
59	11.373	1554	1556	1559	rVB4	3707	4007	0.10%	0.011%
60	11.629	1590	1598	1606	rBV	1601628	2723345	69.08%	7.637%
61	11.818	1625	1629	1630	rBV4	9341	10512	0.27%	0.029%
62	11.873	1634	1638	1642	rVV5	9701	17132	0.43%	0.048%
63	12.007	1650	1660	1664	rBV9	10648	31601	0.80%	0.089%
64	12.062	1665	1669	1673	rVV5	9064	16534	0.42%	0.046%
65	12.135	1675	1681	1686	rVV5	22565	55579	1.41%	0.156%
66	12.184	1686	1689	1692	rVV4	9601	15379	0.39%	0.043%
67	12.251	1695	1700	1705	rVB	51859	90826	2.30%	0.255%
68	12.361	1705	1718	1725	rBV3	75270	228020	5.78%	0.639%
69	12.446	1730	1732	1734	rBV3	9424	10910	0.28%	0.031%
70	12.592	1749	1756	1765	rVB3	54783	142760	3.62%	0.400%
71	12.690	1765	1772	1778	rBV	600102	1034030	26.23%	2.900%
72	12.775	1783	1786	1793	rVB2	72554	125488	3.18%	0.352%
73	12.861	1793	1800	1803	rBV4	48823	117189	2.97%	0.329%
74	12.946	1805	1814	1815	rBV4	115791	264619	6.71%	0.742%
75	13.074	1832	1835	1839	rVB3	58864	82780	2.10%	0.232%
76	13.123	1839	1843	1846	rBV3	38441	57947	1.47%	0.162%

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 Title : SFAM01.0

77	13.190	1851	1854	1862	rVB5	87450	205812	5.22%	0.577%
78	13.287	1866	1870	1875	rBV	107134	154033	3.91%	0.432%
79	13.342	1875	1879	1882	rVB2	58976	74457	1.89%	0.209%
80	13.409	1886	1890	1893	rBV2	84105	142448	3.61%	0.399%
81	13.440	1893	1895	1899	rVB3	59100	71829	1.82%	0.201%
82	13.476	1899	1901	1908	rVB5	44829	86711	2.20%	0.243%
83	13.556	1908	1914	1919	rBV	934154	1548112	39.27%	4.341%
84	13.696	1931	1937	1941	rBV6	84230	167272	4.24%	0.469%
85	13.848	1956	1962	1970	rBV	765681	1643318	41.68%	4.608%
86	13.921	1971	1974	1979	rVB3	93841	154871	3.93%	0.434%
87	13.976	1979	1983	1987	rBV4	112195	169177	4.29%	0.474%
88	14.190	2014	2018	2021	rBV	105584	141840	3.60%	0.398%
89	14.257	2025	2029	2035	rVB4	193567	328734	8.34%	0.922%
90	14.312	2035	2038	2043	rVB3	82065	113826	2.89%	0.319%
91	14.379	2043	2049	2054	rBV3	349722	660352	16.75%	1.852%
92	14.495	2063	2068	2070	rBV5	175185	319326	8.10%	0.895%
93	14.653	2091	2094	2099	rBV	132233	174700	4.43%	0.490%
94	14.732	2104	2107	2112	rBV3	123585	200744	5.09%	0.563%
95	14.793	2113	2117	2121	rVV2	231181	455947	11.57%	1.279%
96	14.848	2122	2126	2135	rVB4	355428	748554	18.99%	2.099%
97	15.318	2199	2203	2210	rVB	1039372	1765424	44.78%	4.951%
98	15.391	2210	2215	2220	rBV5	255963	554575	14.07%	1.555%
99	15.567	2240	2244	2249	rBV4	182496	369228	9.37%	1.035%
100	16.275	2355	2360	2369	rVB2	715848	1422230	36.08%	3.988%

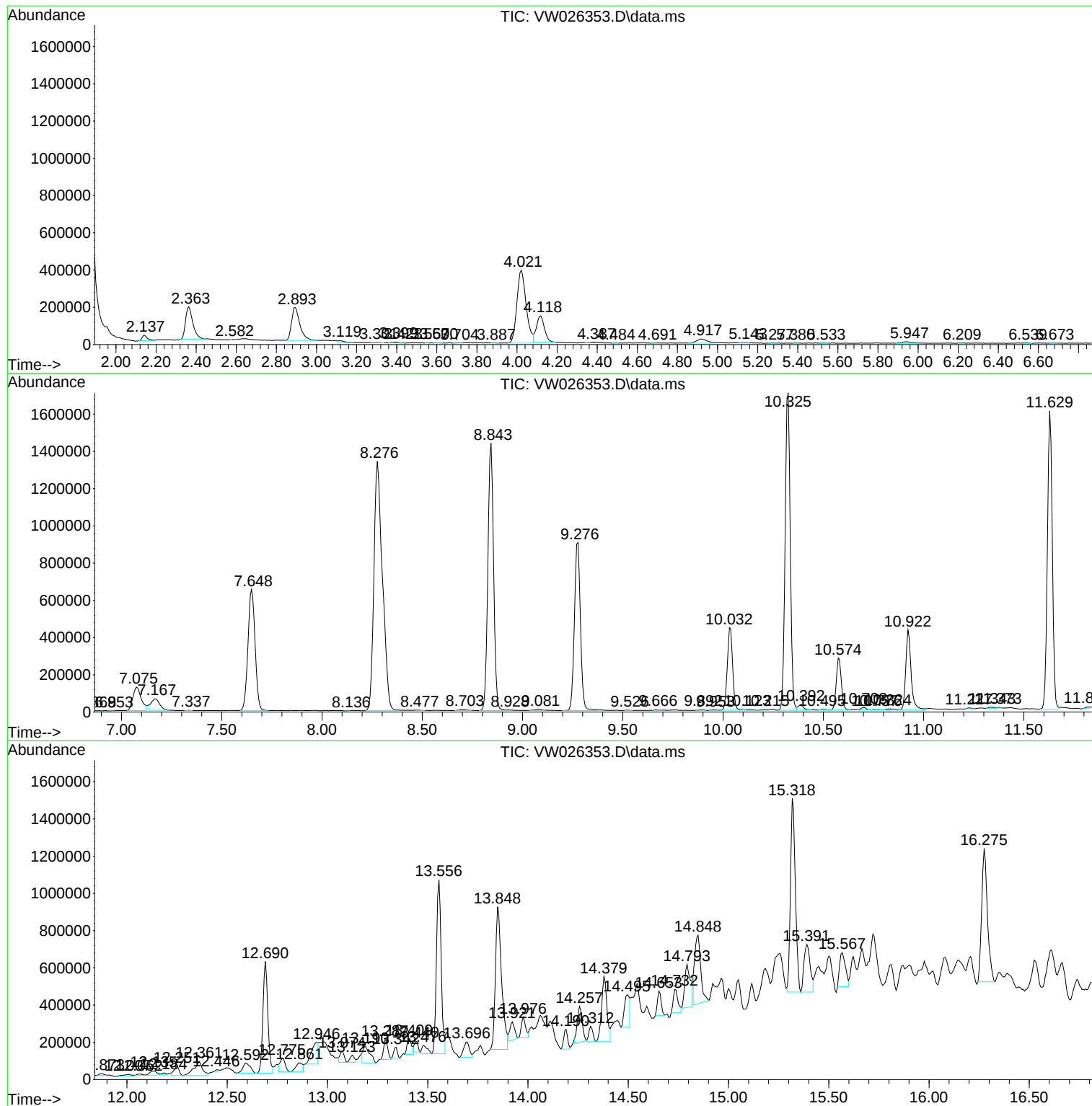
Sum of corrected areas: 35660930

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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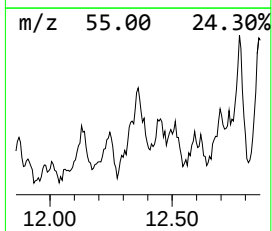
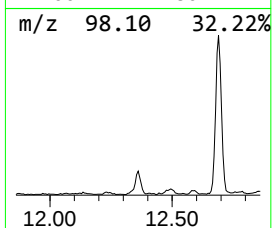
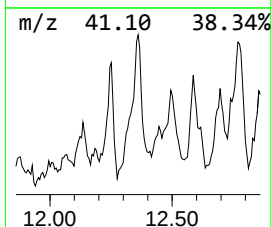
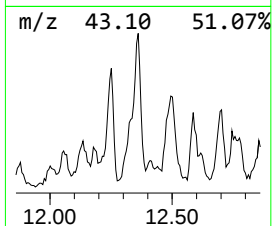
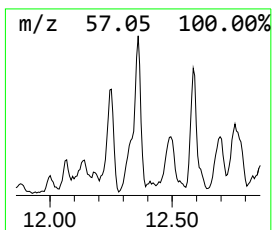
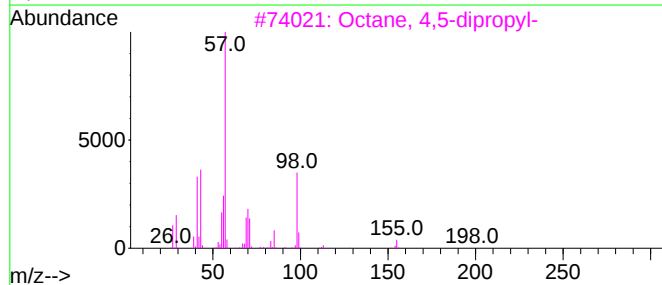
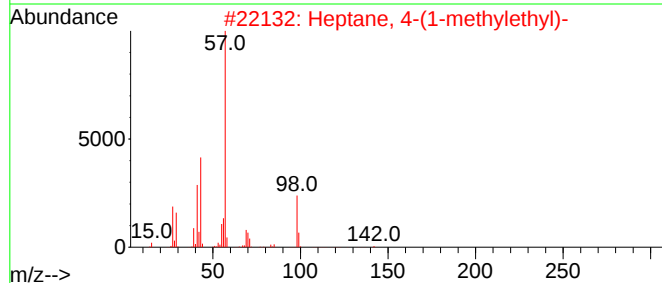
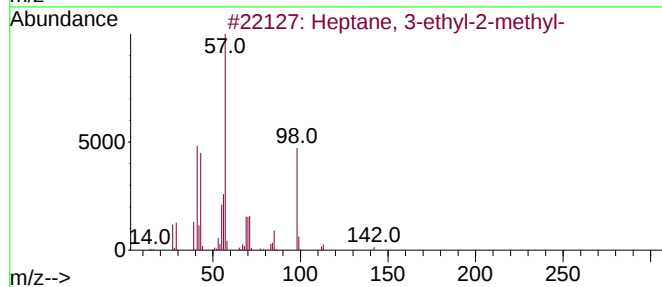
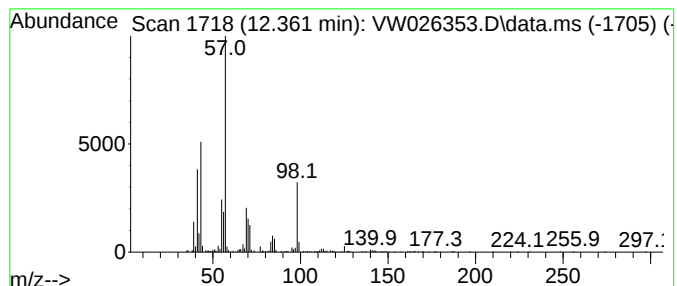
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	2.09 ug/L	228020	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	81
2			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
3			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	59
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
5			Heptane, 4-propyl-	142	C10H22	003178-29-8	53



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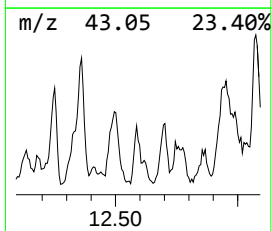
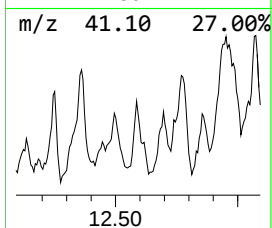
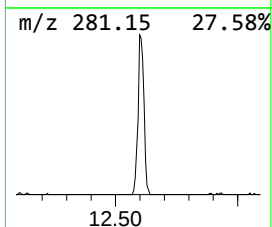
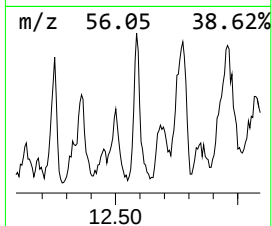
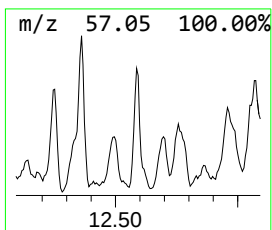
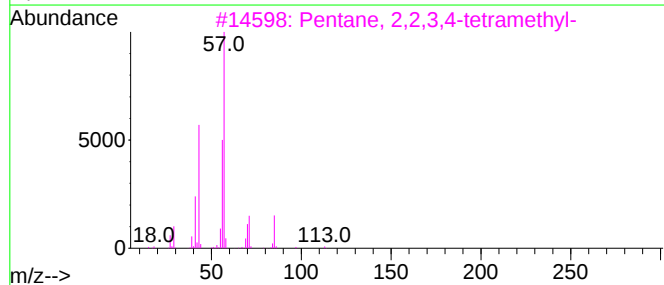
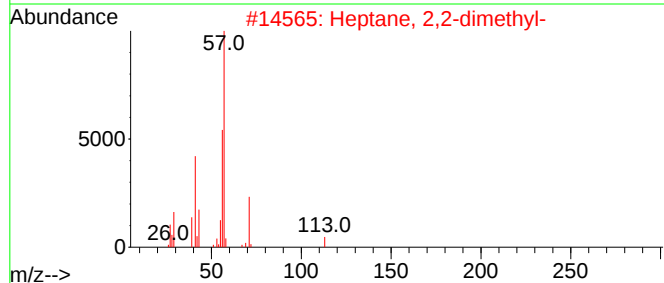
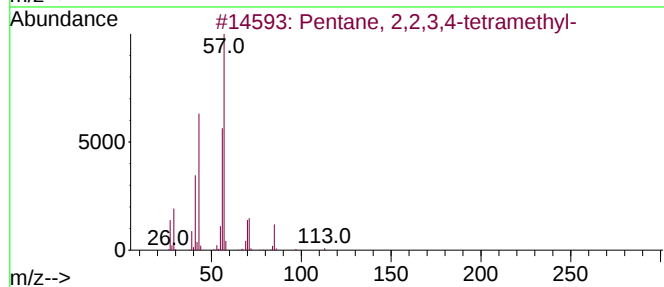
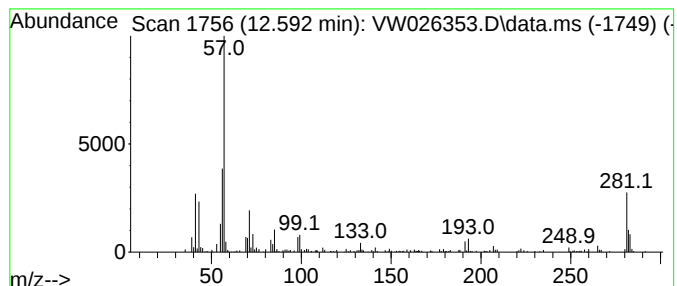
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	2.31 ug/L	142760	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
2		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
4		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	38
5		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38



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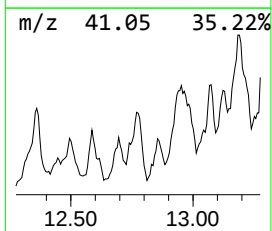
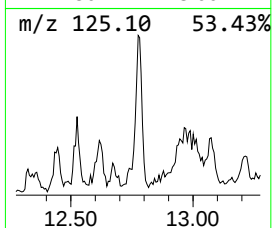
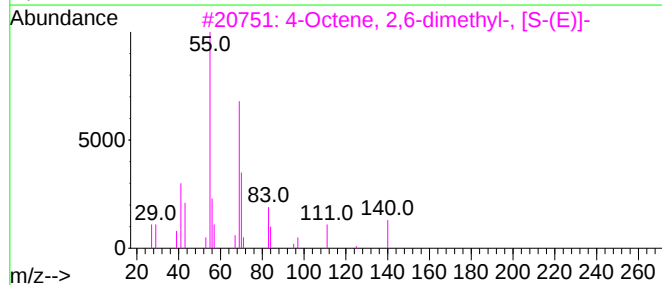
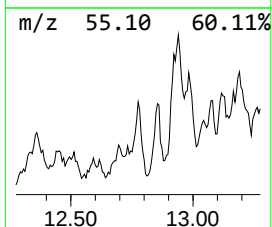
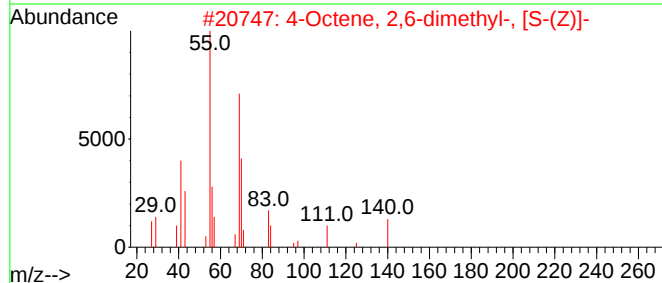
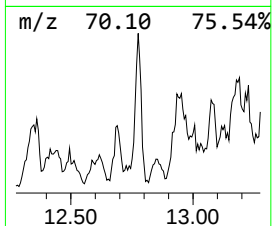
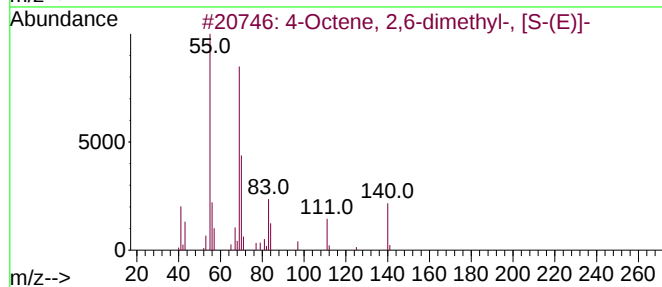
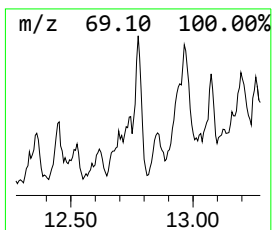
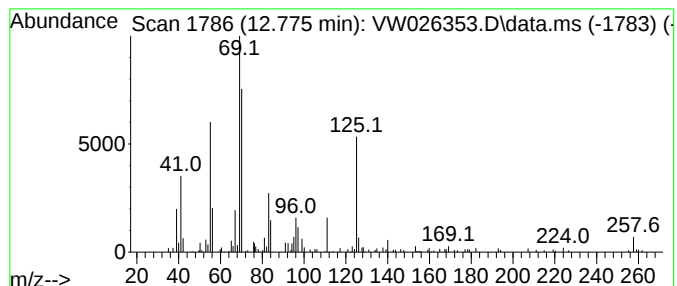
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.775	2.03 ug/L	125488	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-		140	C10H20	062960-76-3	52
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-		140	C10H20	062960-77-4	49
3	4-Octene, 2,6-dimethyl-, [S-(E)]-		140	C10H20	062960-76-3	47
4	4-Nonene, 3-methyl-, (Z)-		140	C10H20	063830-69-3	47
5	Cyclooctane, 1-methyl-3-propyl-		168	C12H24	255885-37-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

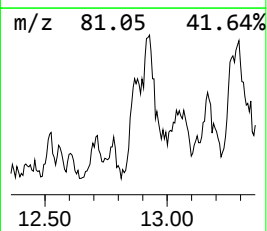
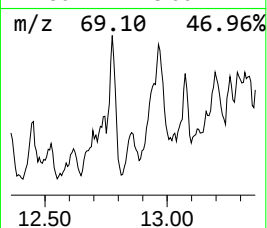
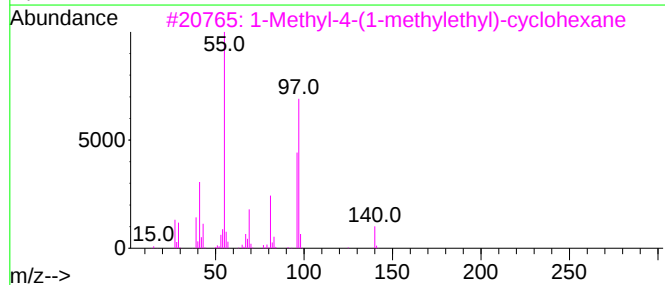
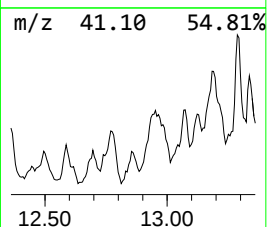
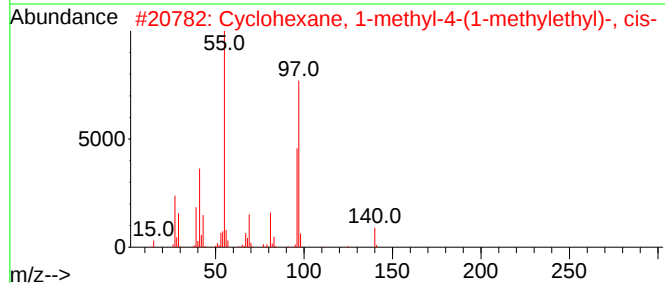
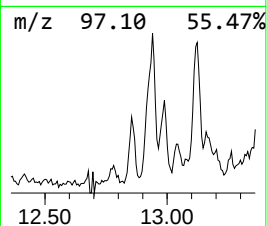
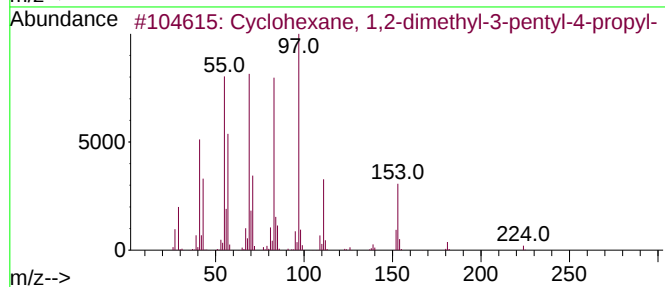
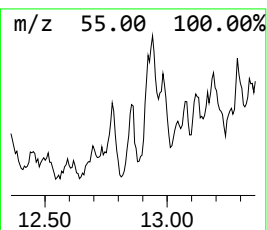
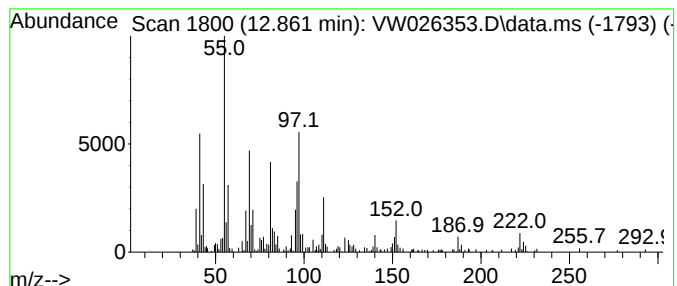
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.861 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	1.89 ug/L	117189	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	49
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
5			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

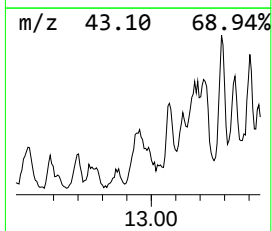
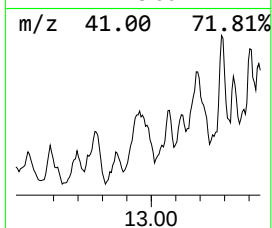
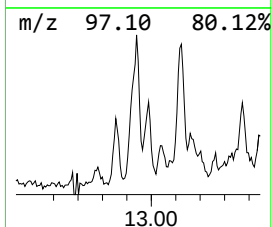
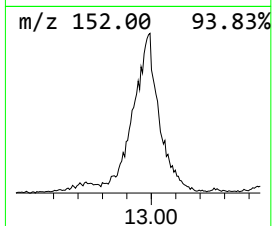
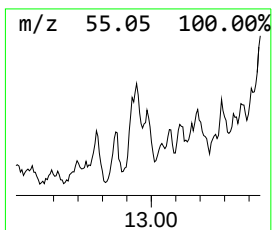
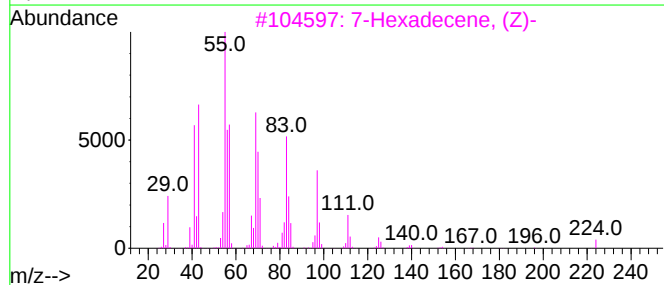
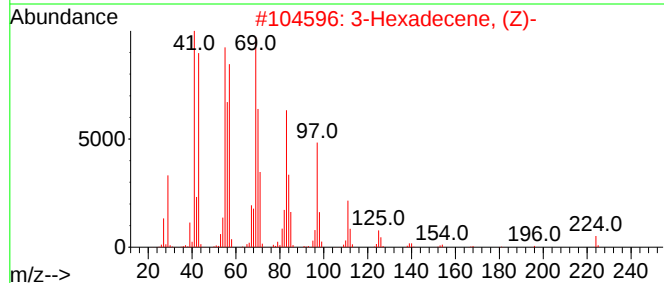
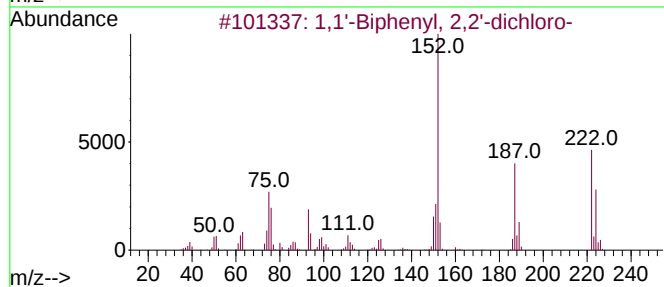
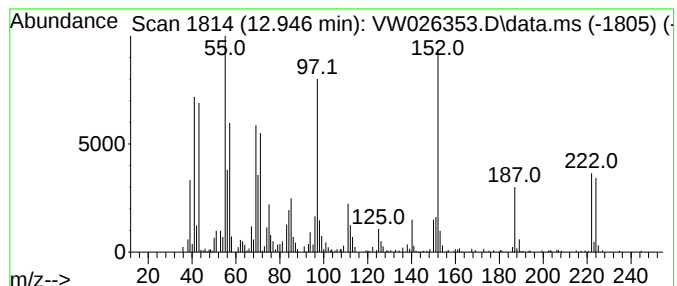
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.946	4.27 ug/L	264619	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	46		
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	45		
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	44		
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	42		
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	38		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

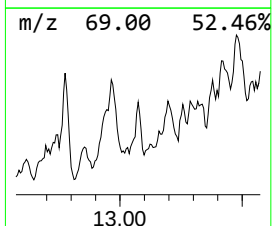
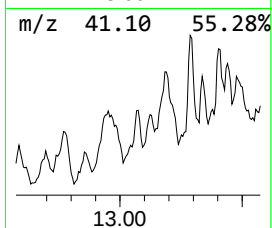
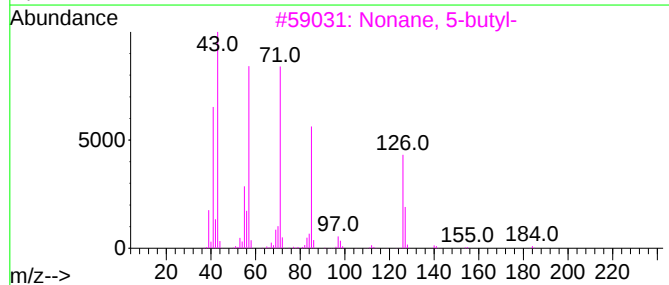
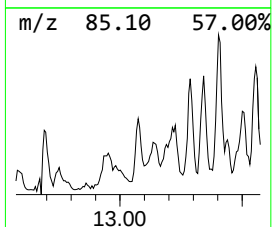
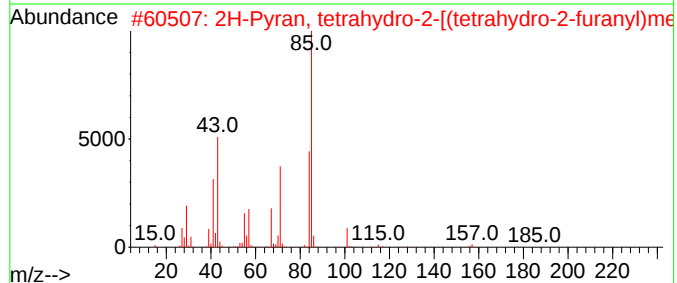
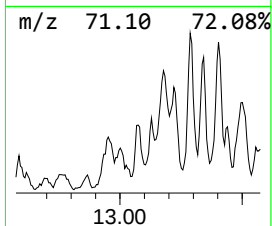
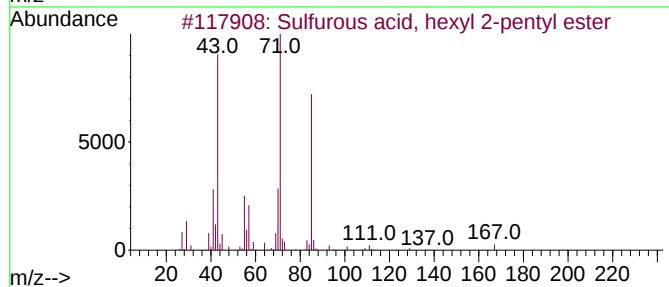
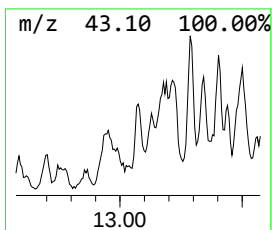
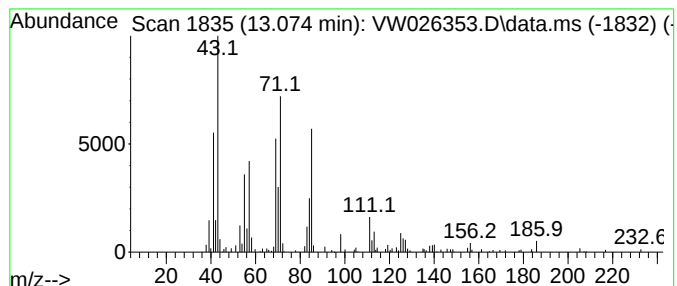
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Quant Title : SFAM01.0

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

Peak Number 7 Sulfurous acid, hexyl 2-pen... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	1.34 ug/L	82780	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
2			2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	50
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	49
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

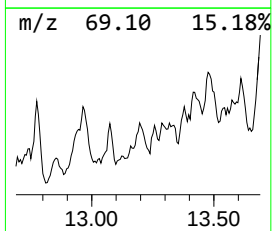
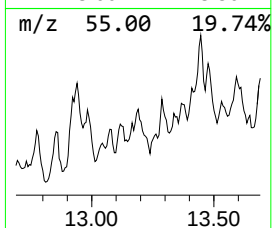
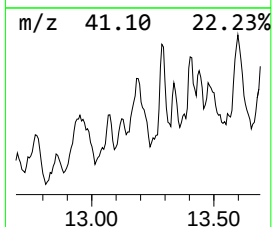
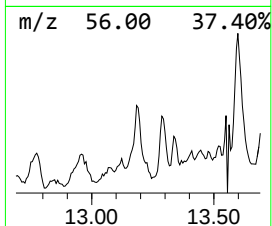
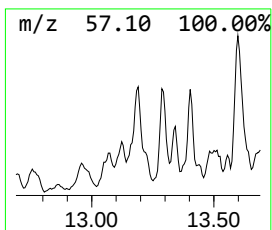
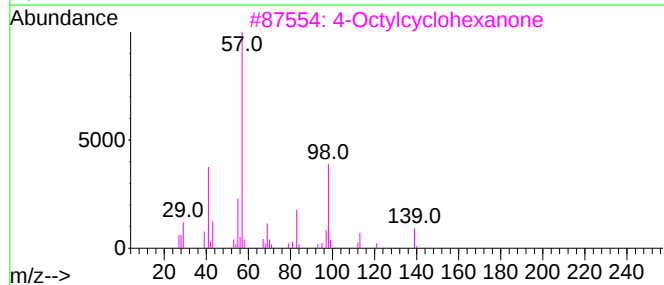
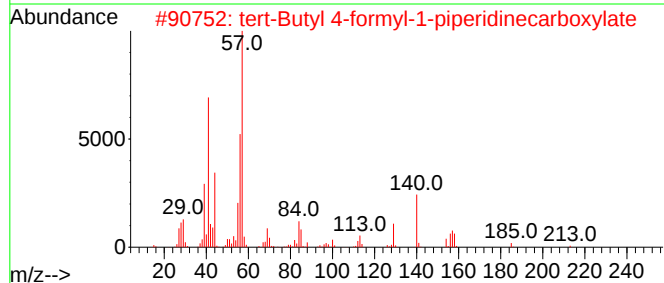
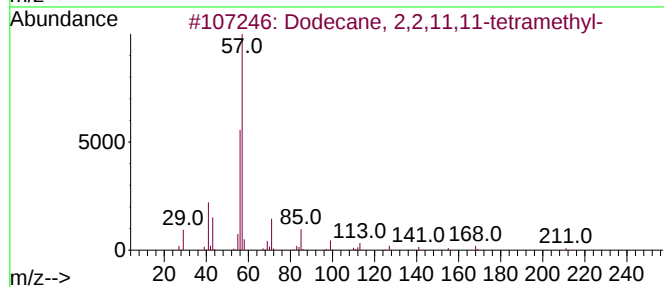
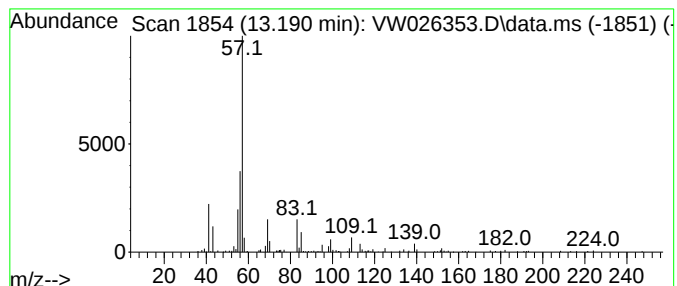
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	3.32 ug/L	205812	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	53
2			tert-Butyl 4-formyl-1-piperidine...	213	C11H19NO3	137076-22-3	47
3			4-Octylcyclohexanone	210	C14H26O	1000428-94-1	43
4			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	42
5			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

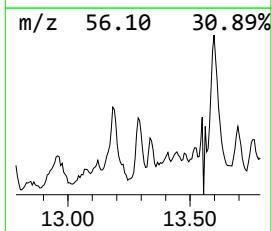
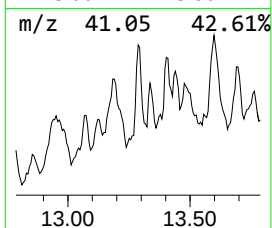
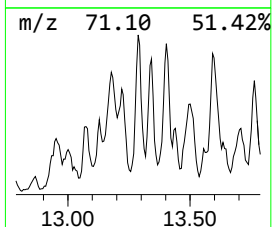
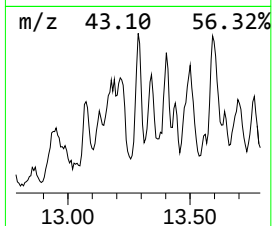
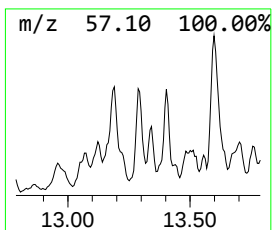
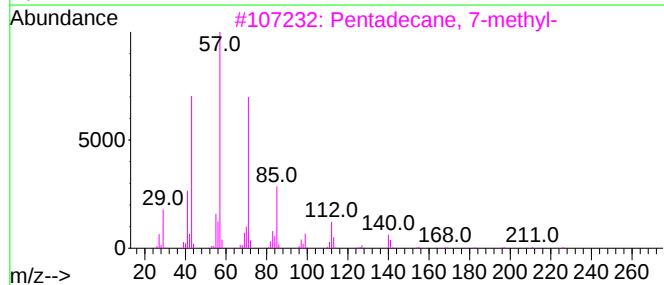
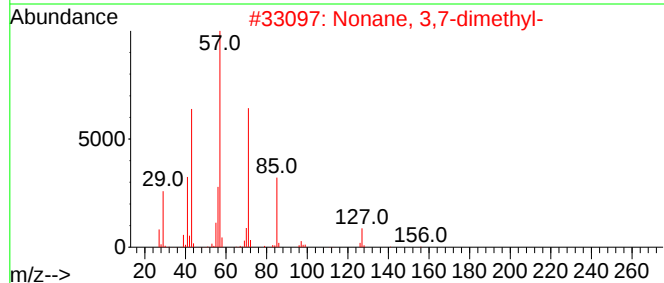
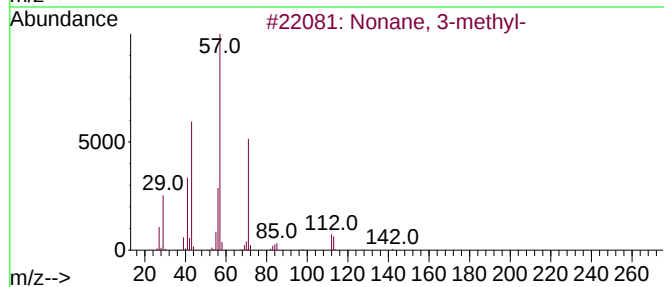
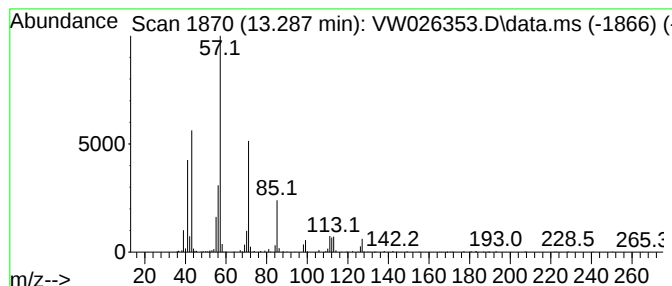
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	2.49 ug/L	154033	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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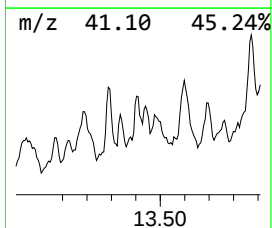
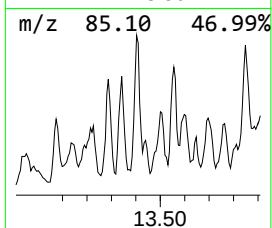
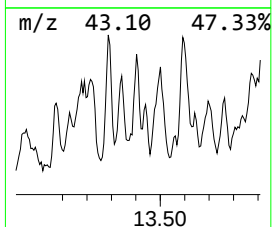
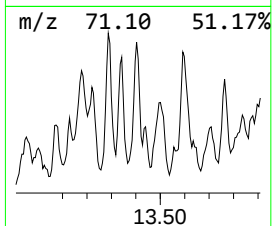
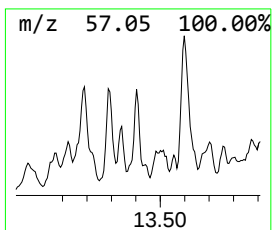
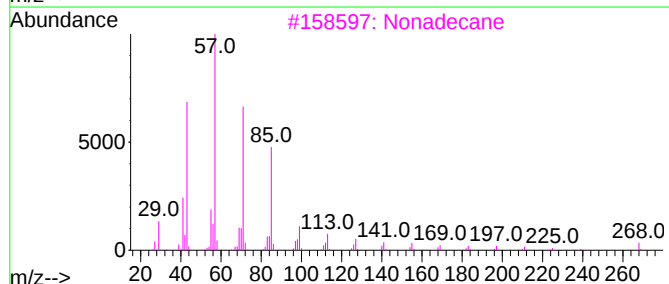
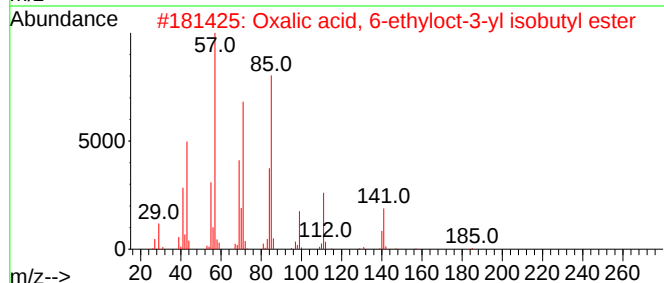
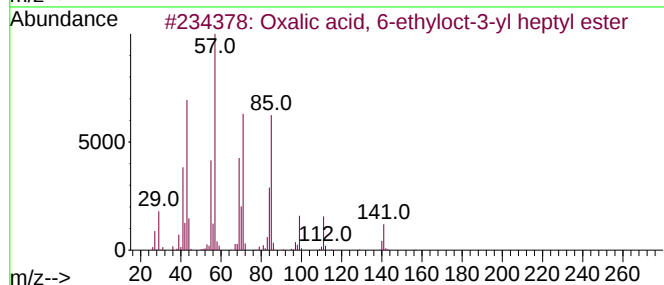
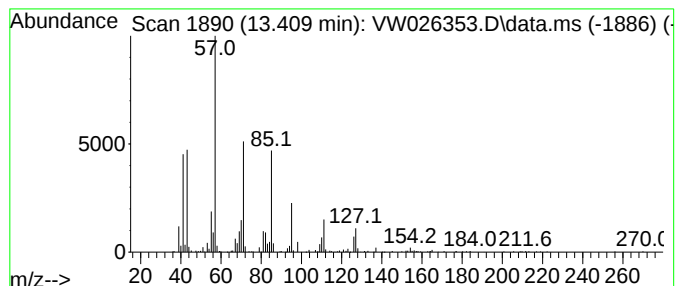
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Quant Title : SFAM01.0

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

Peak Number 10 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.409	2.30 ug/L	142448	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	50
2			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	50
3			Nonadecane	268	C19H40	000629-92-5	50
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

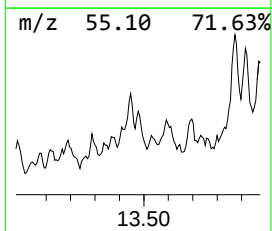
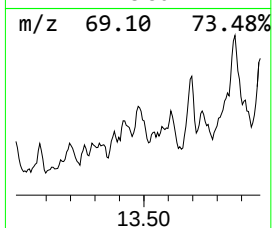
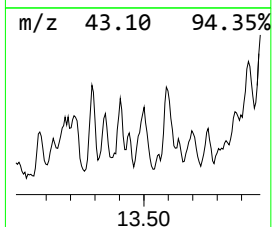
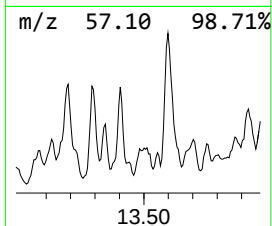
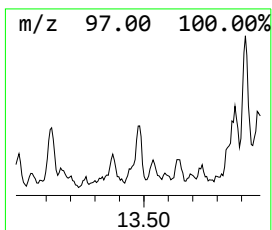
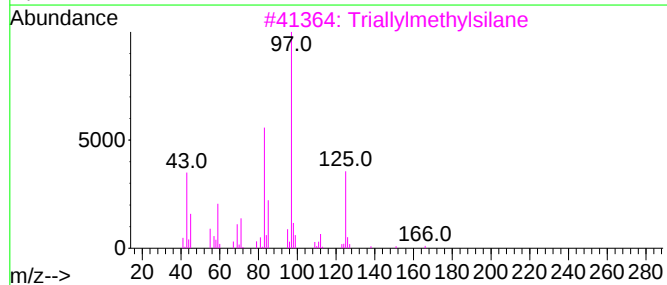
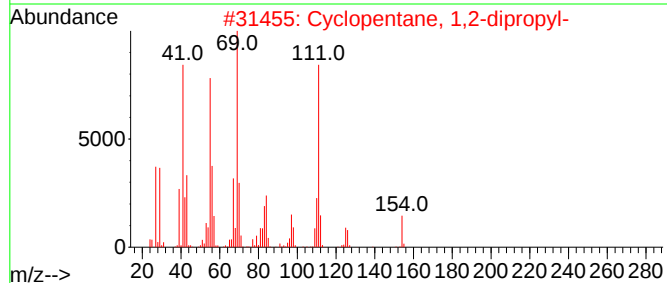
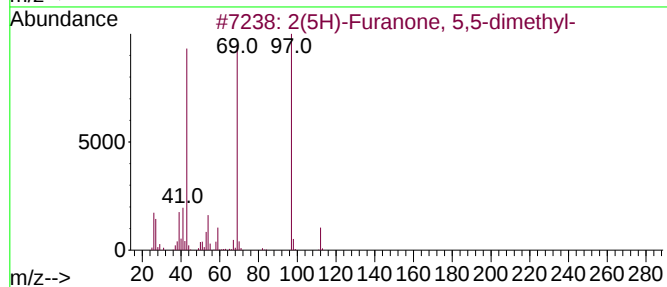
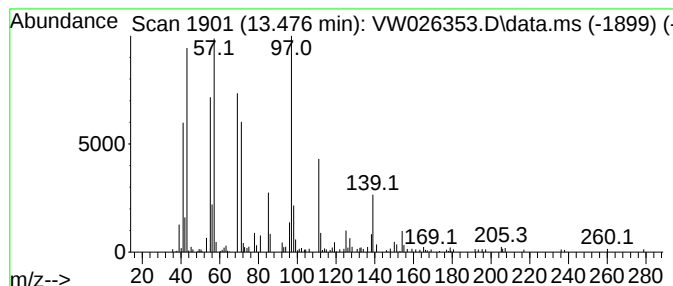
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.476	1.40 ug/L	86711	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	43		
2	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	30		
3	Triallylmethylsilane	166	C10H18Si	001112-91-0	27		
4	1-Heptafluorobutyryloxy-2-methyl...	298	C10H13F7O2	155089-98-8	27		
5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	27		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

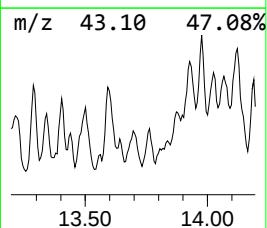
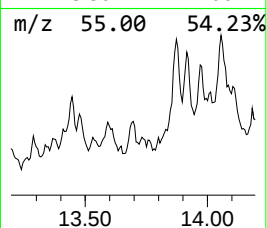
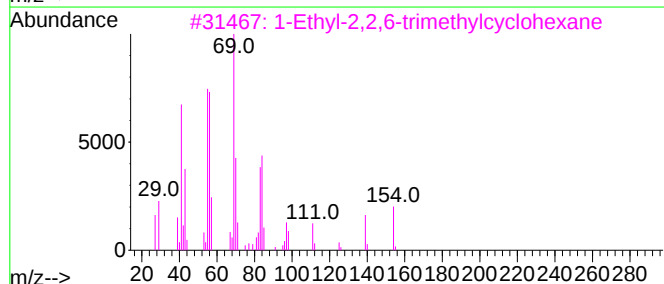
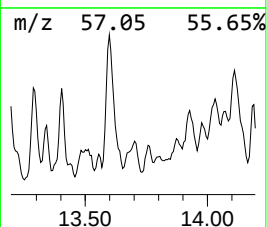
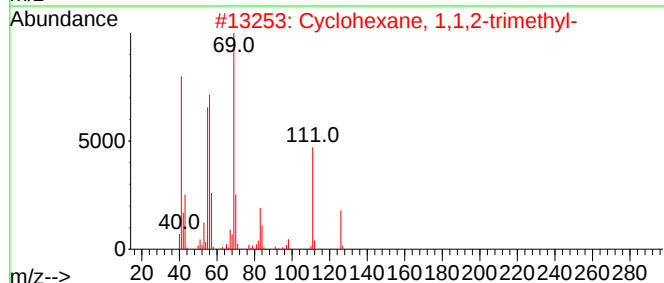
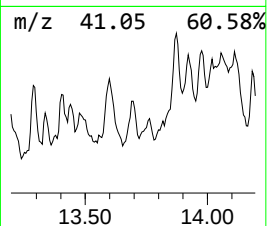
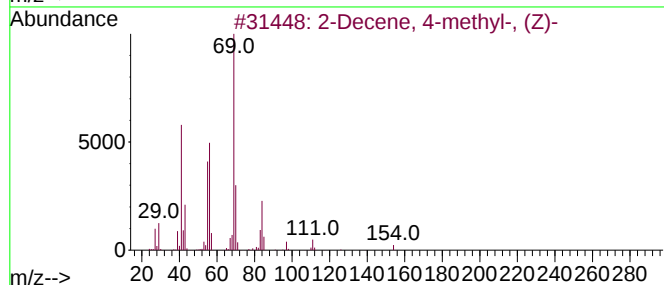
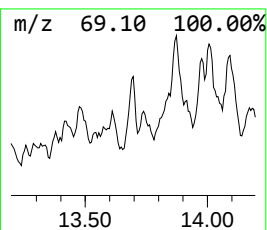
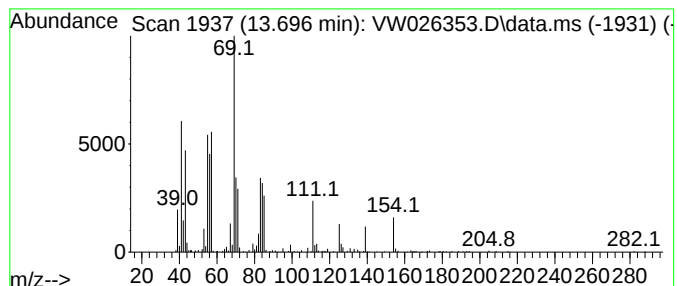
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	2.70 ug/L	167272	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53	
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49	
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	45	
4	2-Methyl-2-octene	126	C9H18	016993-86-5	43	
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

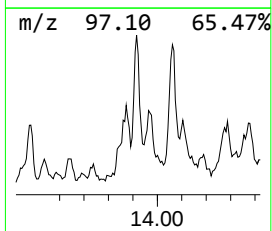
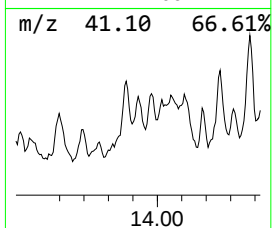
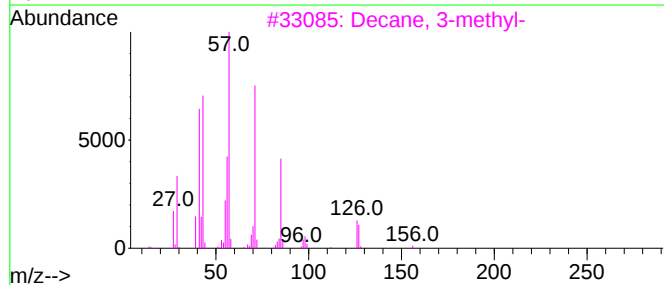
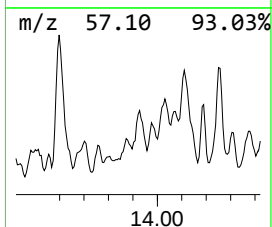
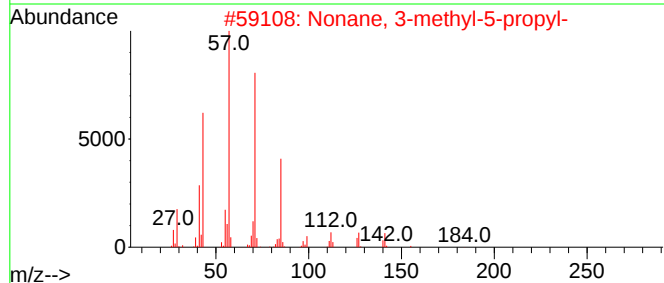
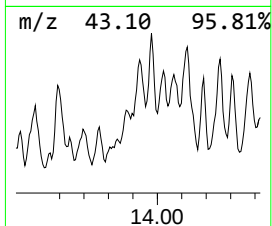
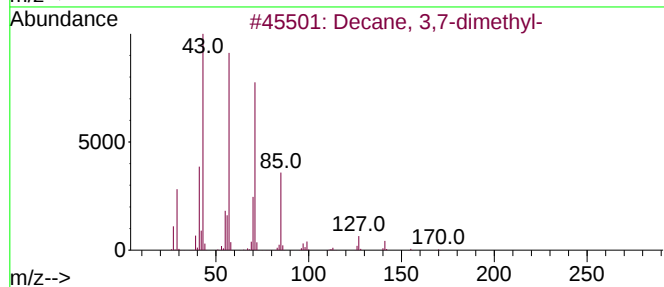
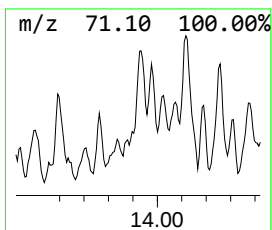
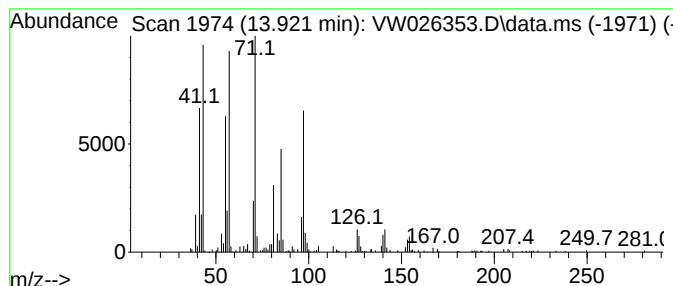
Instrument :
MSVOA_W
ClientSampleId :
A46H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.921	2.50 ug/L	154871	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	76
2	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	53
3	Decane, 3-methyl-		156	C11H24	013151-34-3	49
4	Nonane, 2-methyl-5-propyl-		184	C13H28	031081-17-1	47
5	Decane, 4-methyl-		156	C11H24	002847-72-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

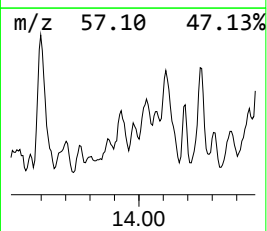
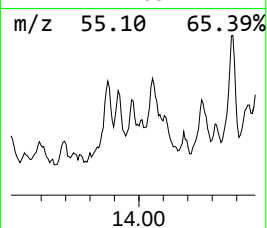
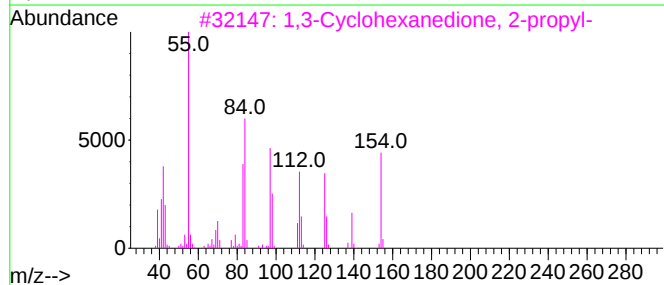
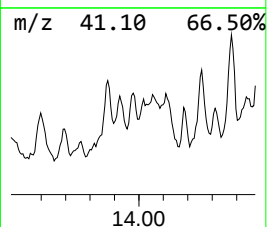
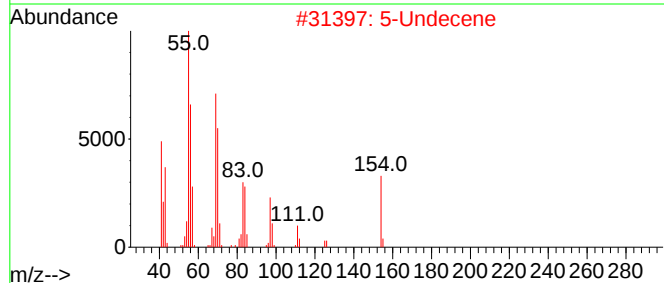
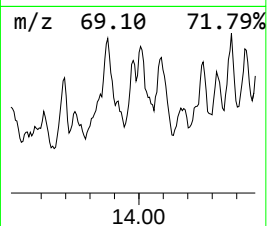
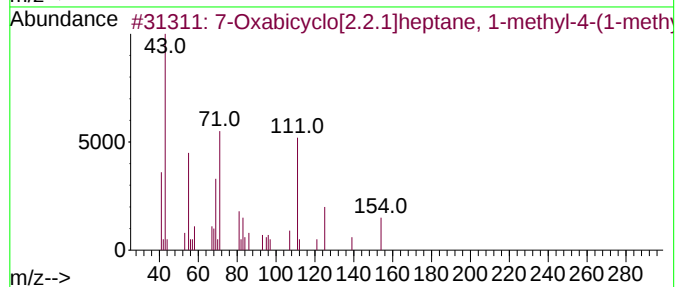
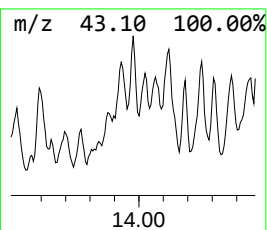
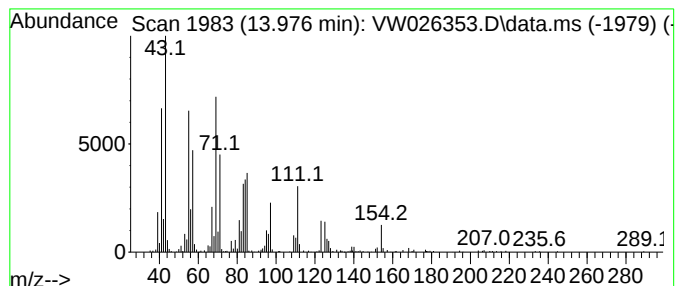
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	2.73 ug/L	169177	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	43
2			5-Undecene	154	C11H22	004941-53-1	43
3			1,3-Cyclohexanedione, 2-propyl-	154	C9H14O2	054244-73-4	41
4			7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	38
5			Octane, 4-methyl-	128	C9H20	002216-34-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

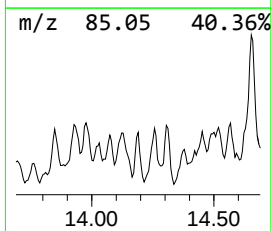
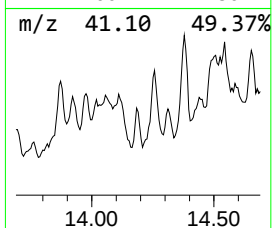
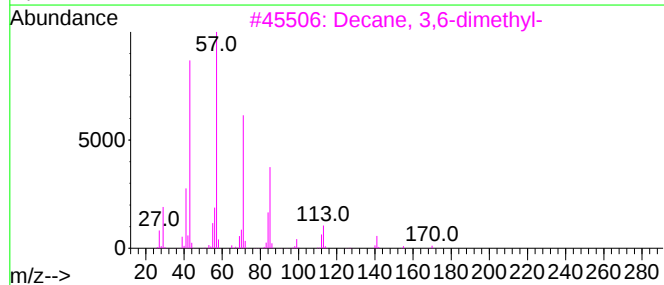
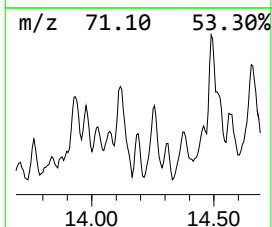
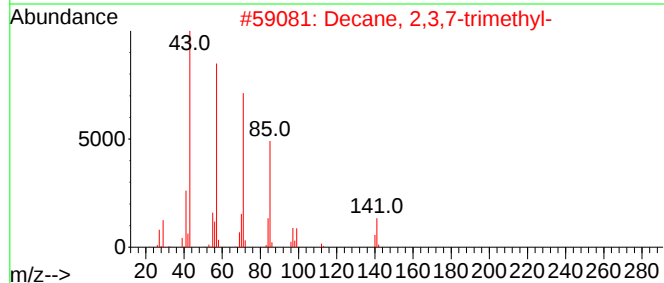
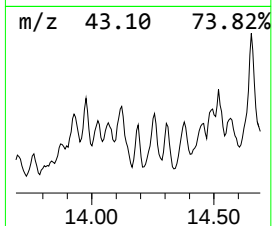
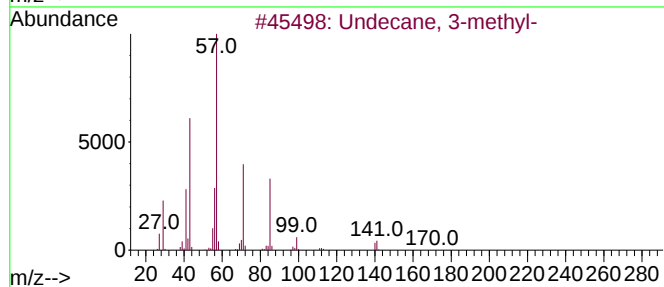
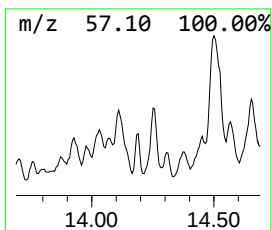
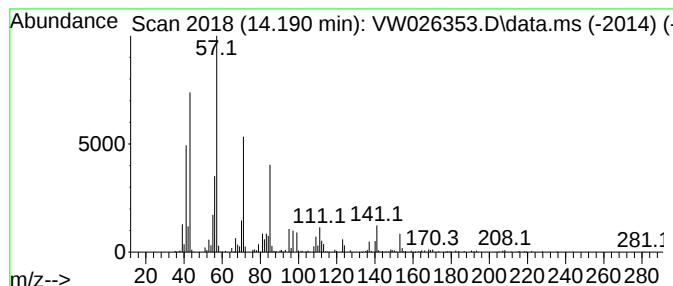
Instrument :
MSVOA_W
ClientSampleId :
A46H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	2.29 ug/L	141840	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	64
2	Decane, 2,3,7-trimethyl-		184	C13H28	062238-13-5	58
3	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	58
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	58
5	Tetradecane		198	C14H30	000629-59-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

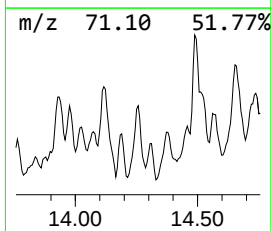
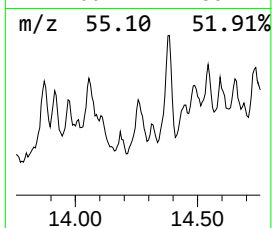
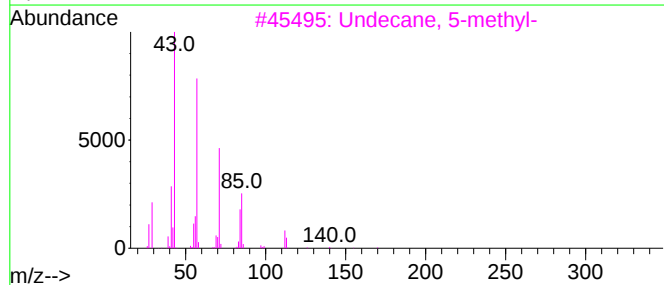
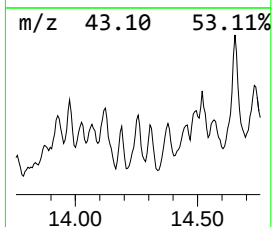
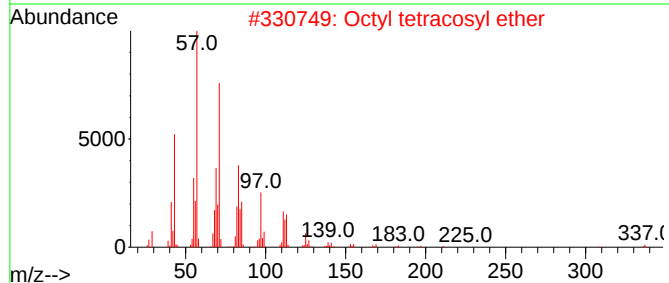
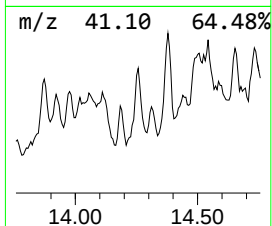
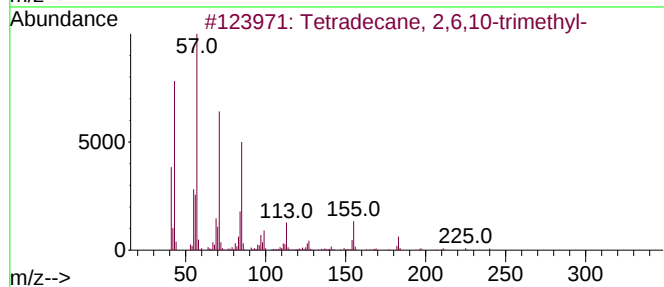
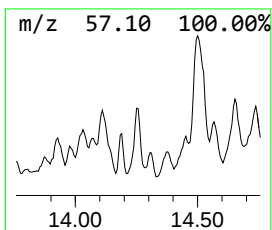
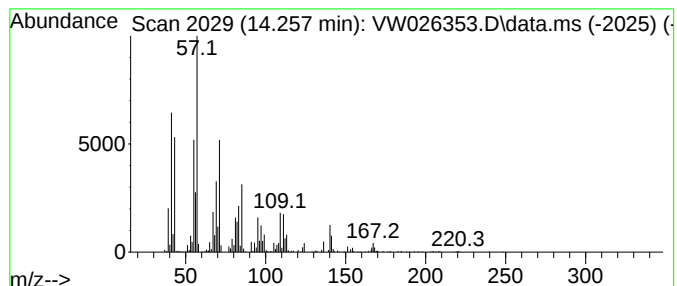
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.31 ug/L	328734	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	49
2			Octyl tetraacosyl ether	467	C32H66O	1000406-39-0	47
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	46
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	46
5			Decane	142	C10H22	000124-18-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

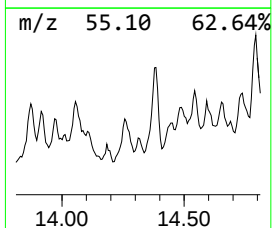
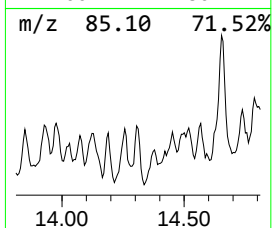
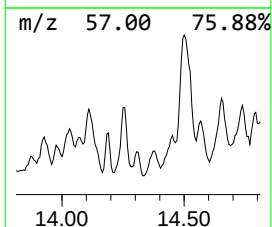
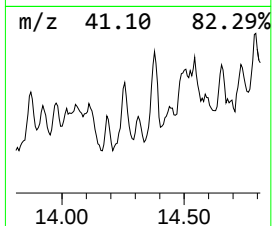
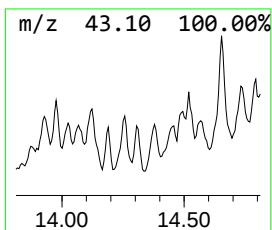
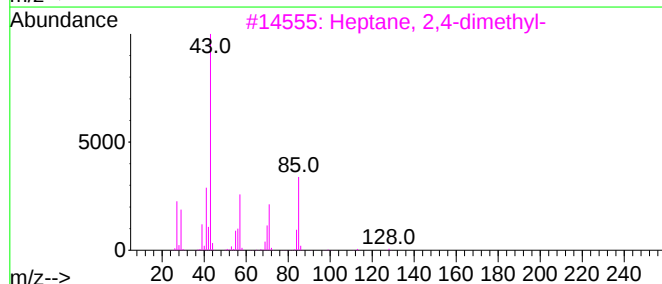
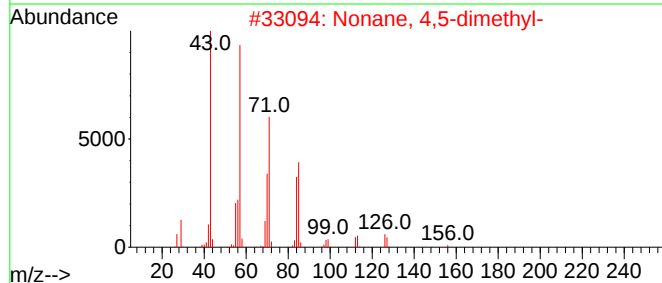
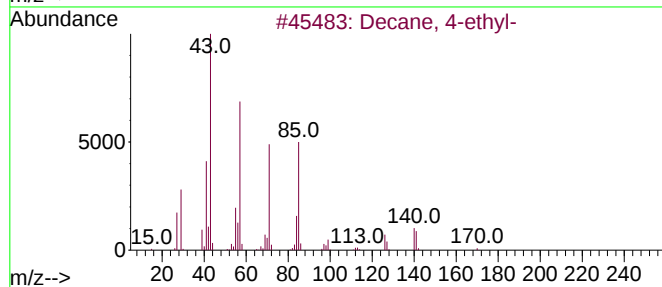
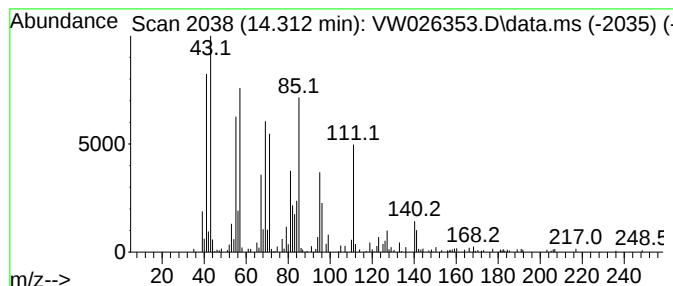
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	1.84 ug/L	113826	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	55
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

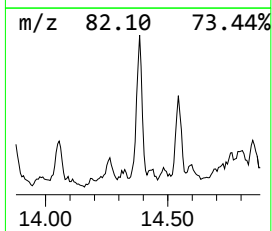
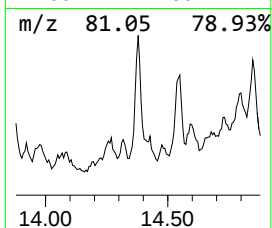
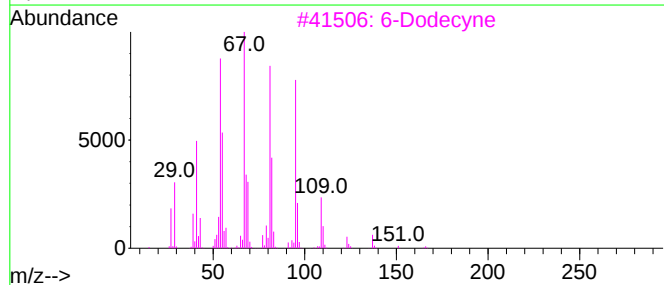
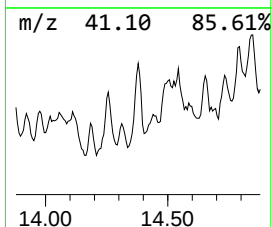
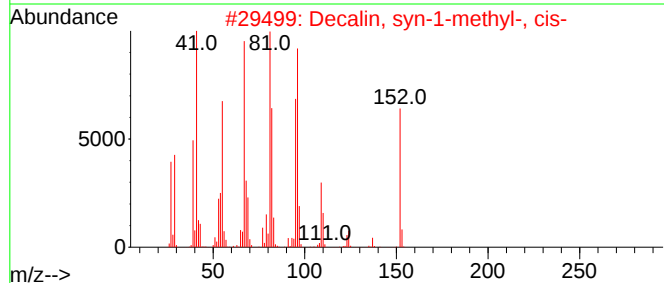
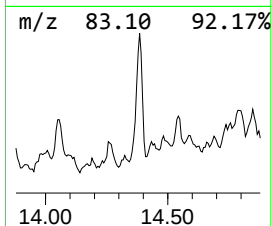
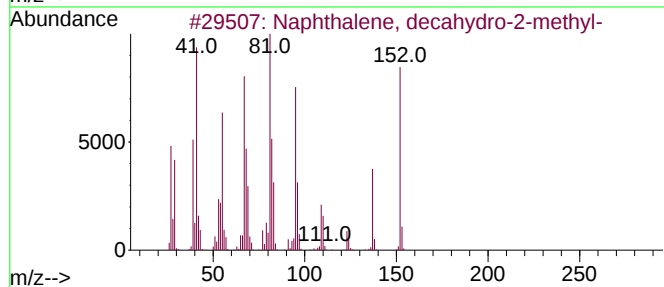
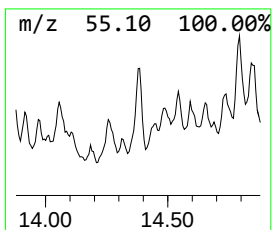
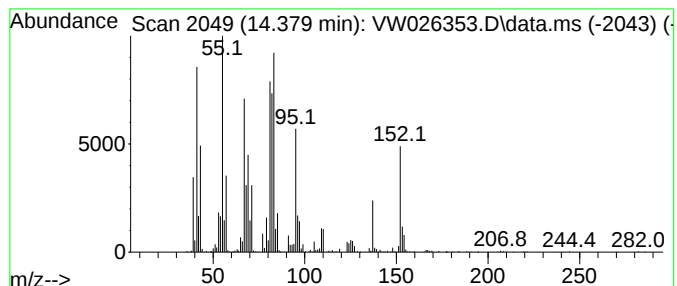
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Quant Title : SFAM01.0

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

Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	10.66 ug/L	660352	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	96
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	78
3			6-Dodecyne	166	C12H22	006975-99-1	60
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	60
5			Spiro[5.5]undecane	152	C11H20	000180-43-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

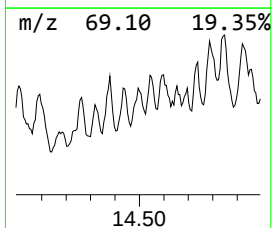
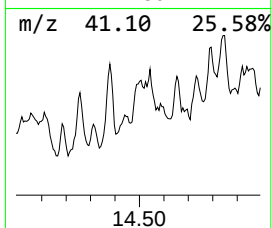
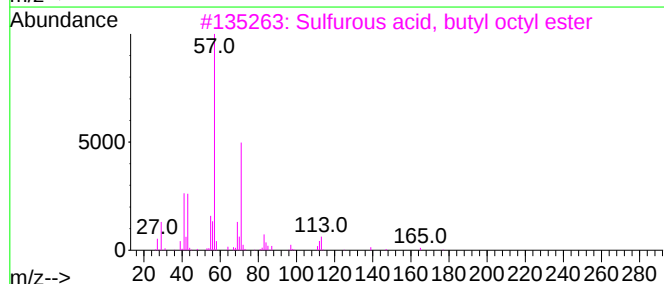
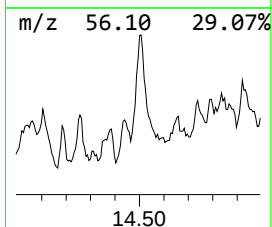
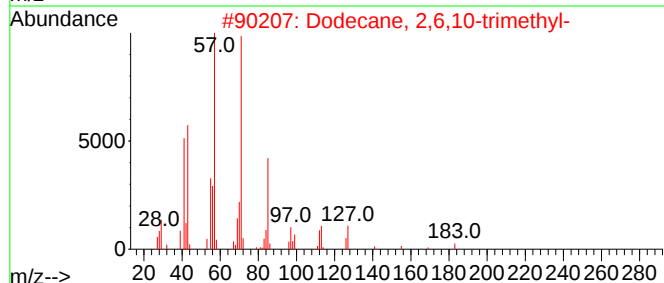
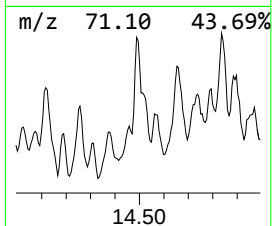
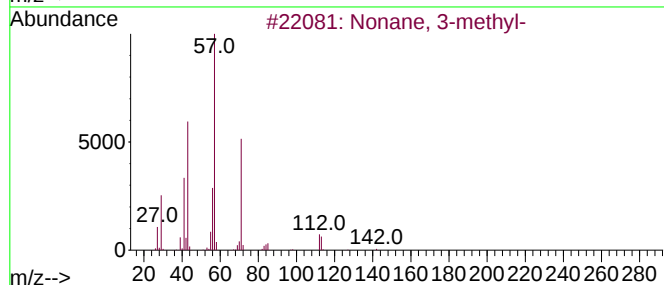
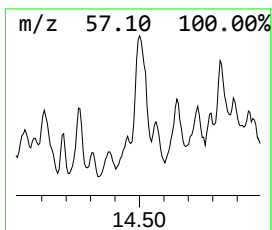
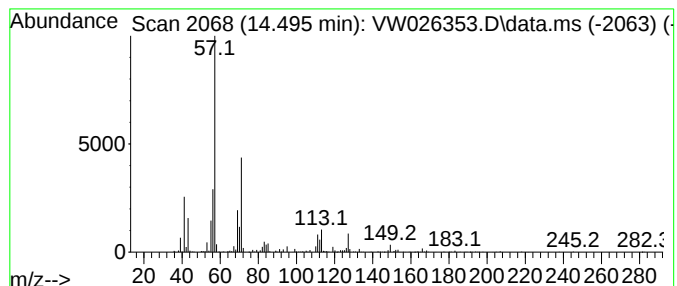
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	5.16 ug/L	319326	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

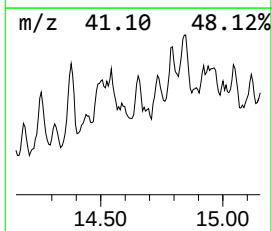
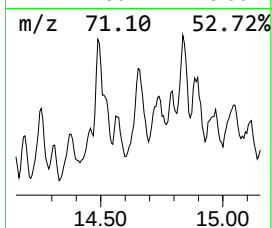
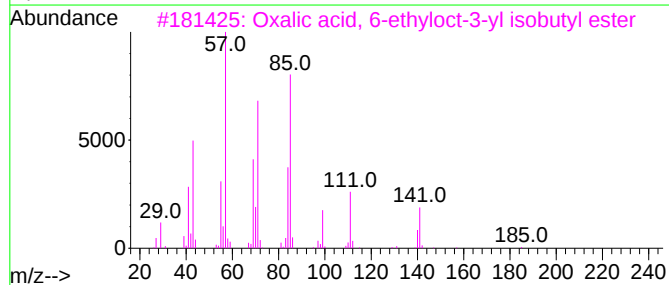
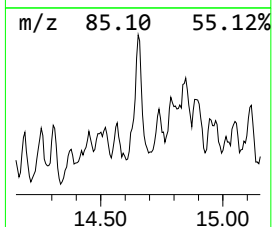
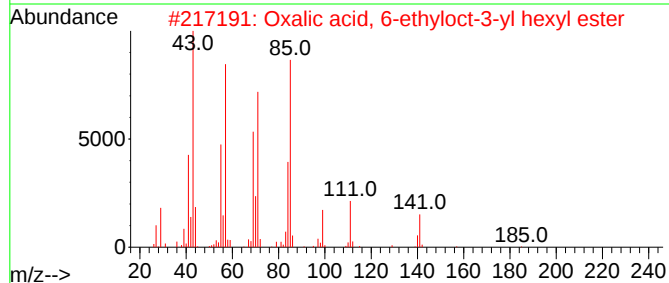
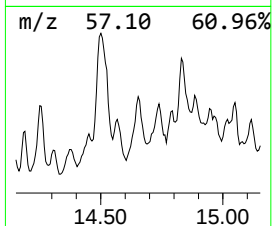
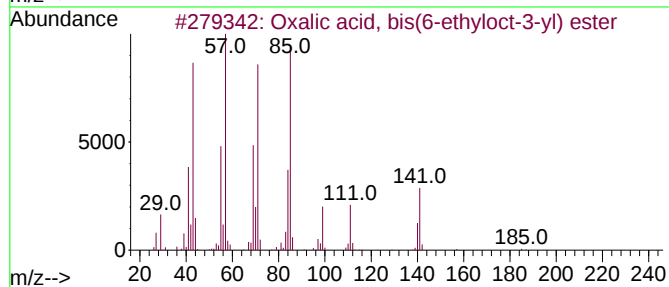
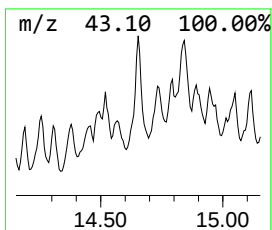
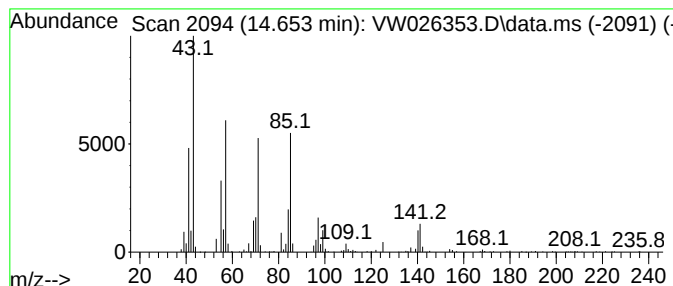
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Quant Title : SFAM01.0

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

Peak Number 20 Oxalic acid, bis(6-ethyloct... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	2.82 ug/L	174700	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	80
2			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	74
3			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	72
4			Tridecane, 5-methyl-	198	C14H30	025117-31-1	68
5			4,4-Dipropylheptane	184	C13H28	017312-72-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

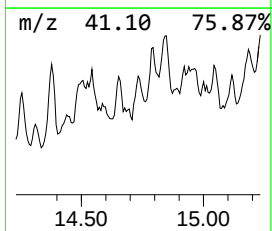
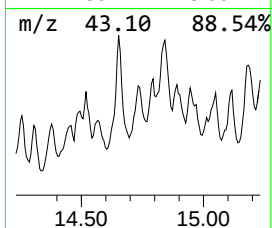
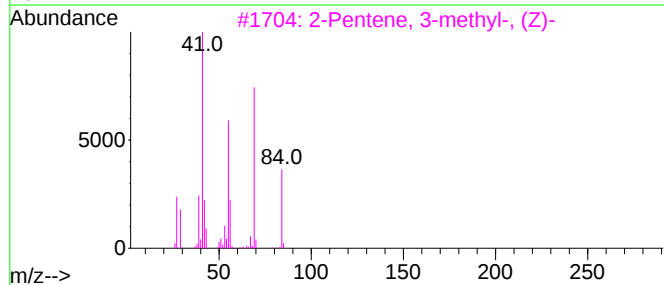
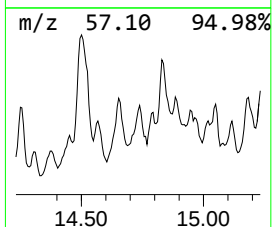
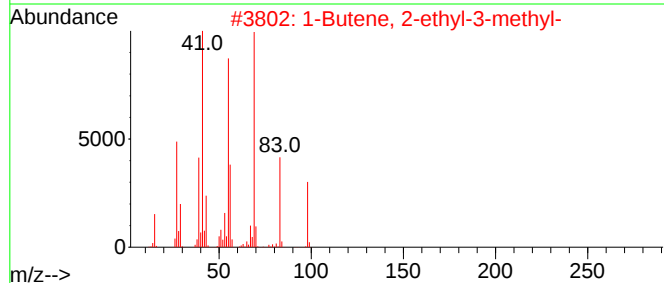
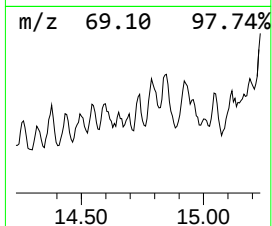
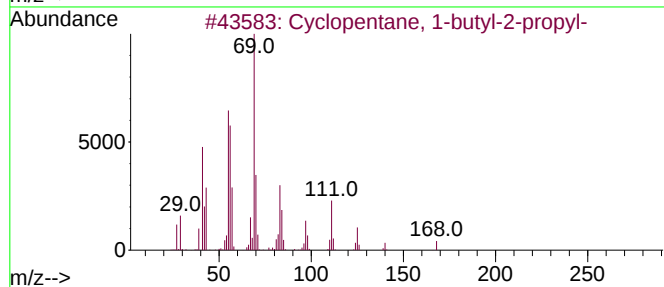
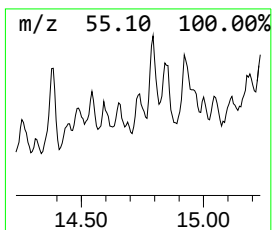
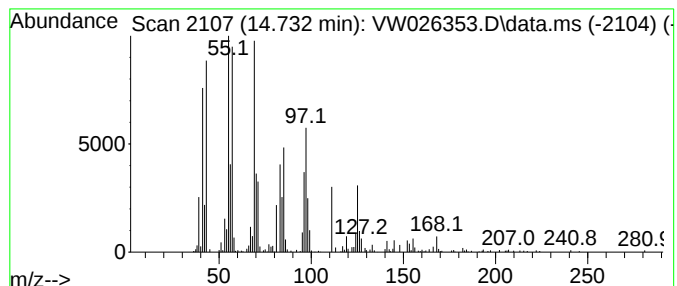
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic14.732 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	3.24 ug/L	200744	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	46
2			1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	45
3			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	42
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	38
5			5-Dodecene, (E)-	168	C12H24	007206-16-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

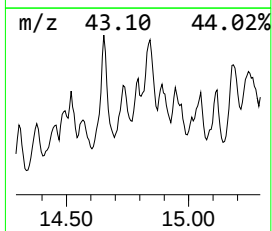
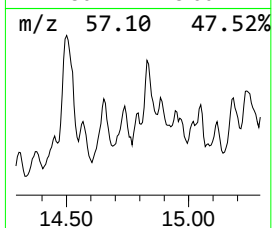
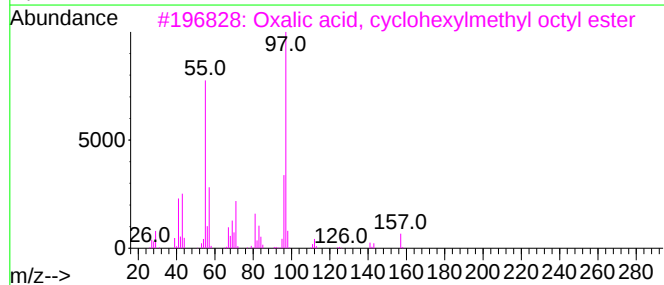
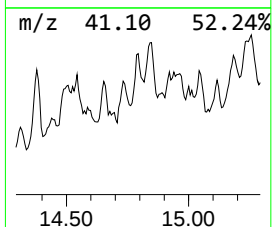
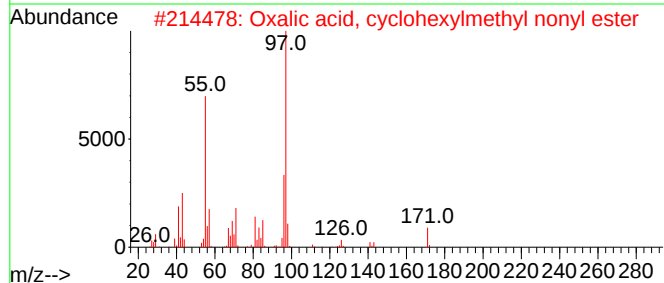
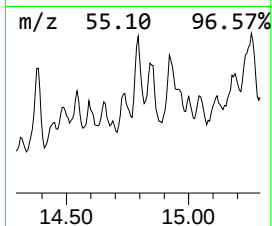
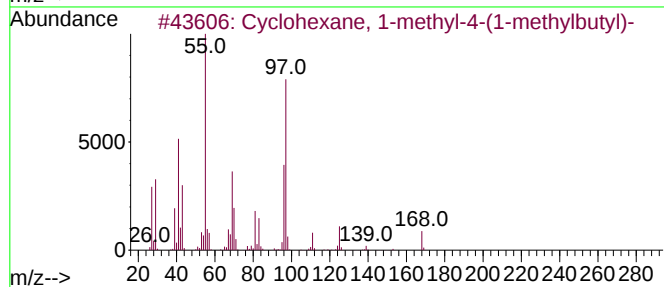
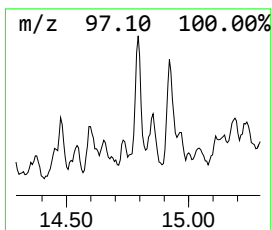
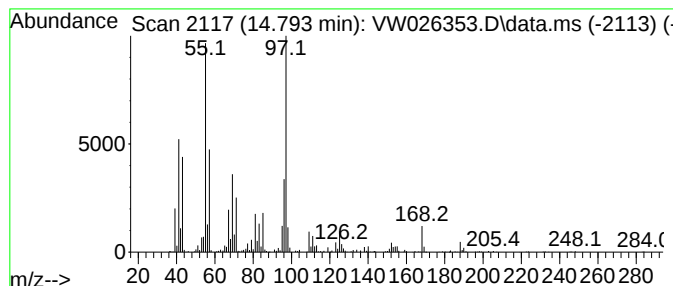
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic14.793 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	7.36 ug/L	455947	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methylbutyl)-	168	C12H24	054411-00-6	70
2			Oxalic acid, cyclohexylmethyl nonyl ester	312	C18H32O4	1000309-68-6	64
3			Oxalic acid, cyclohexylmethyl octyl ester	298	C17H30O4	1000309-68-4	59
4			Oxalic acid, cyclohexylmethyl decyl ester	326	C19H34O4	1000309-68-7	58
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

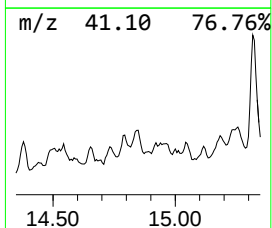
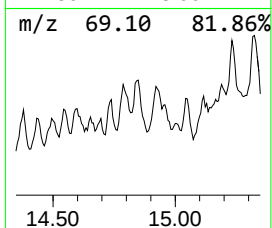
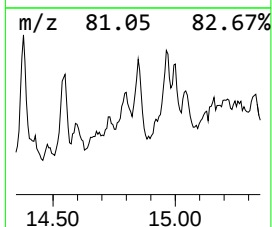
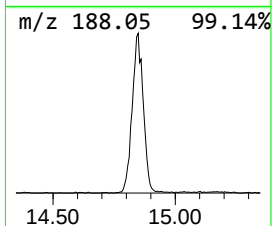
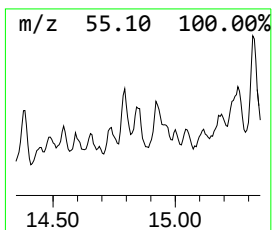
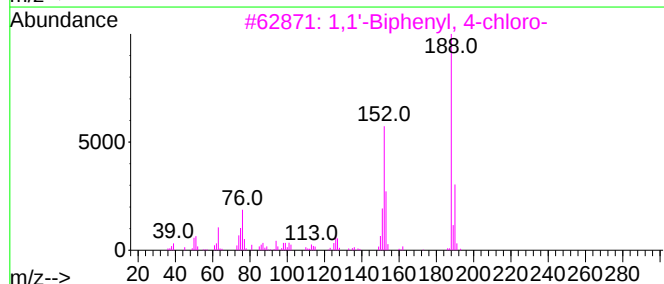
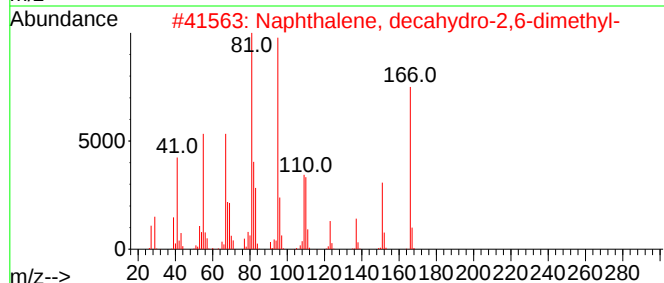
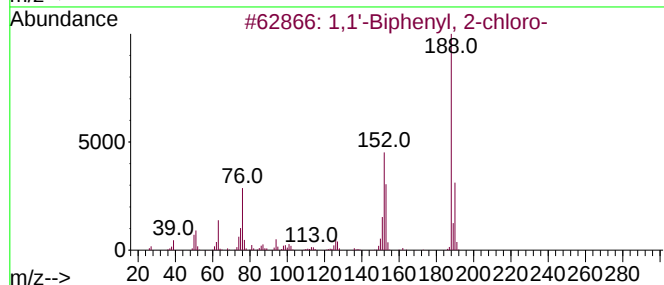
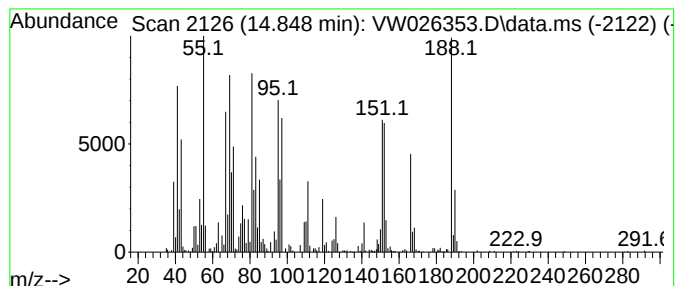
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	12.09 ug/L	748554	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	47		
2	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	38		
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	35		
4	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	35		
5	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	35		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

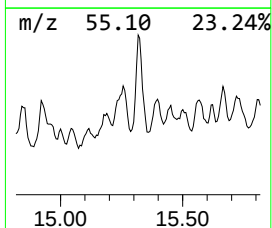
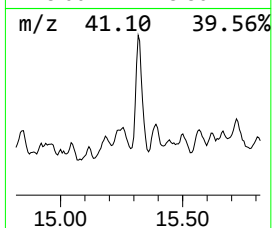
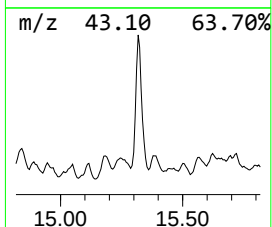
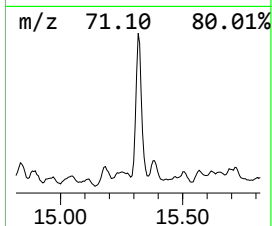
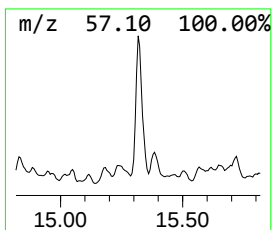
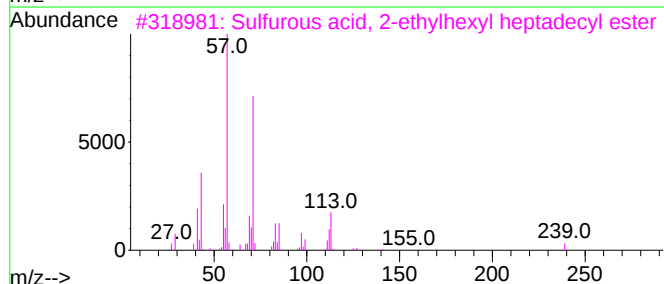
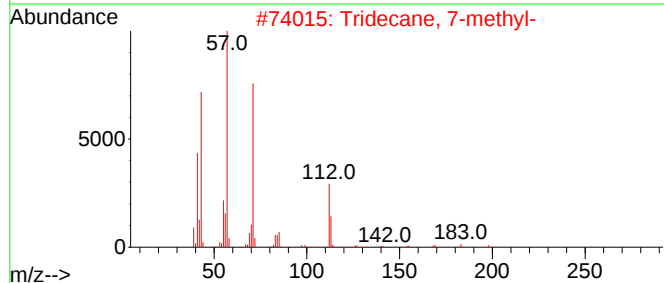
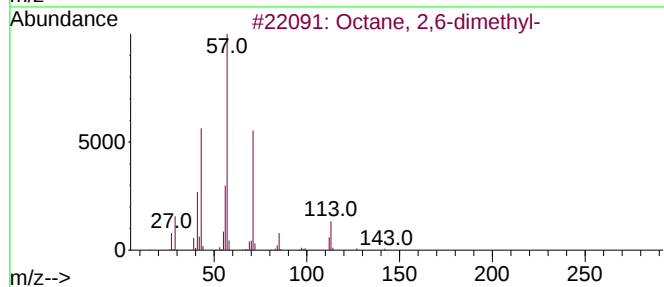
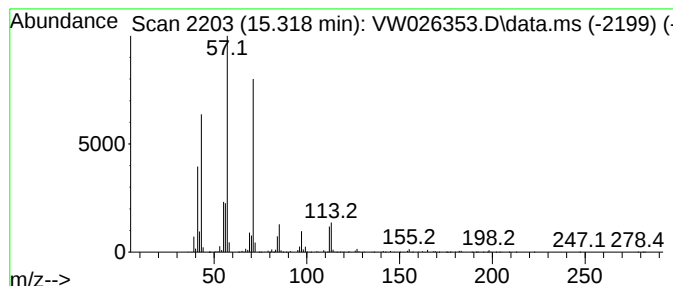
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	28.51 ug/L	1765420	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	74
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5			Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

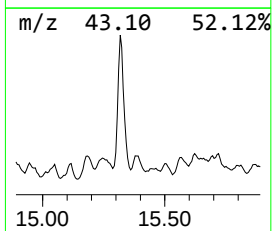
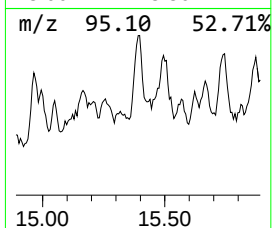
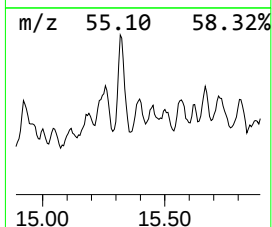
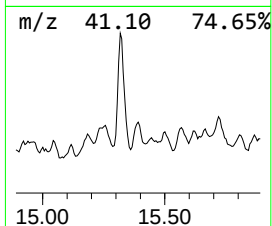
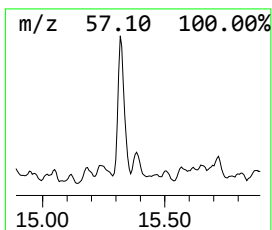
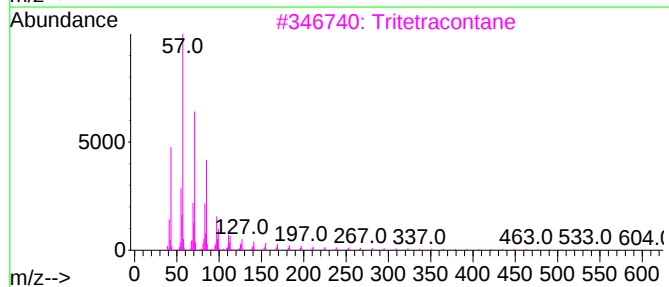
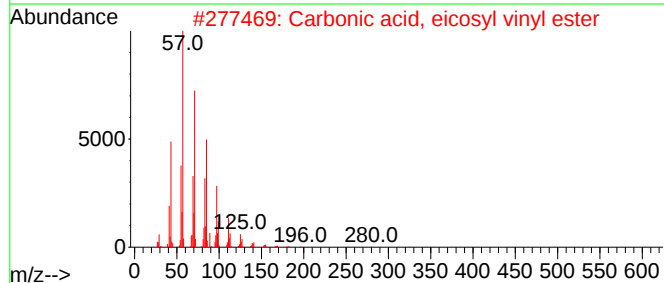
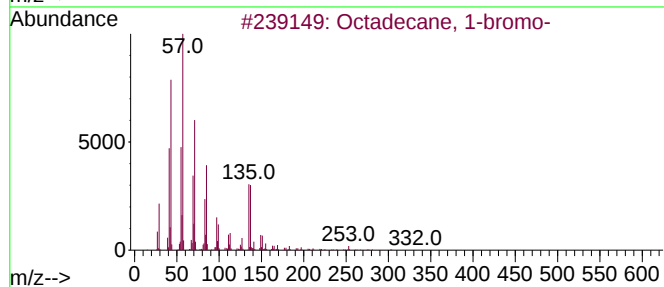
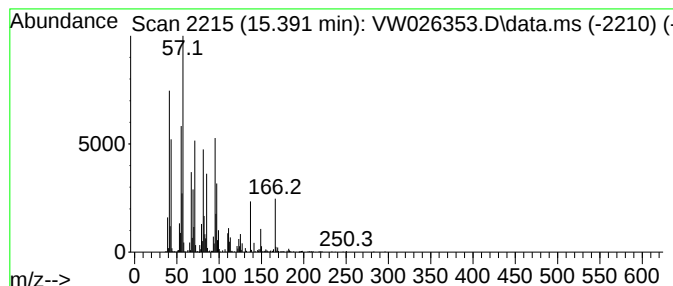
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Quant Title : SFAM01.0

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

Peak Number 25 Octadecane, 1-bromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	8.96 ug/L	554575	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	53
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38
3		Tritetracontane	605	C43H88	007098-21-7	38
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

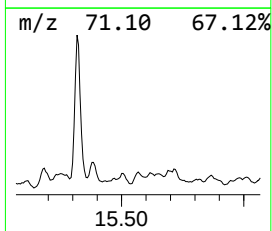
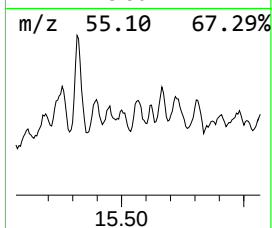
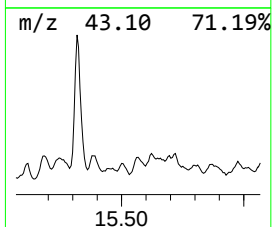
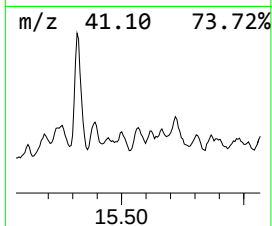
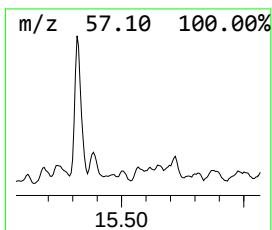
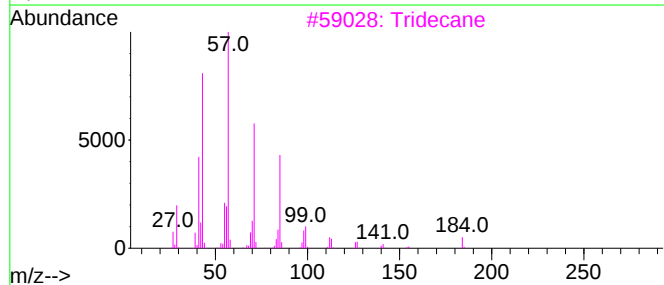
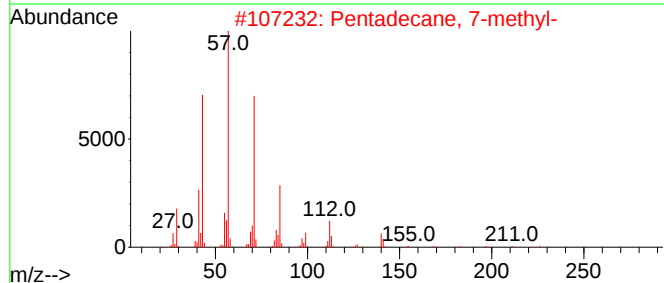
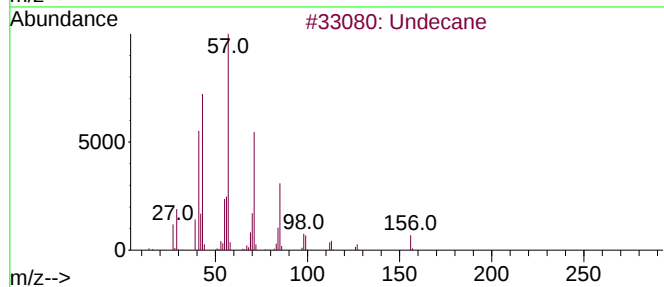
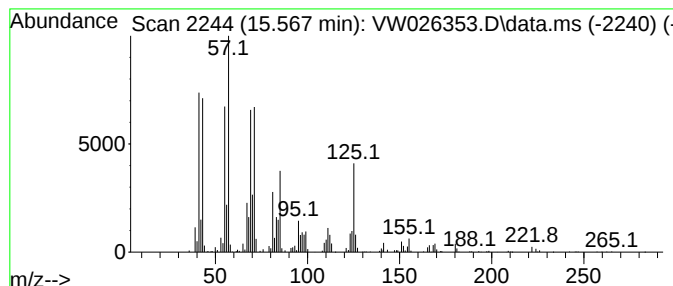
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	5.96 ug/L	369228	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	50
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	43
3			Tridecane	184	C13H28	000629-50-5	43
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	42
5			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026353.D
Acq On : 27 Jun 2023 14:38
Operator : SY/MD
Sample : 03421-19
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H7

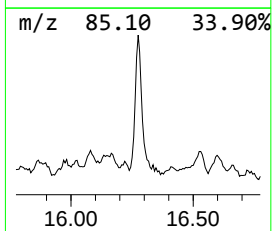
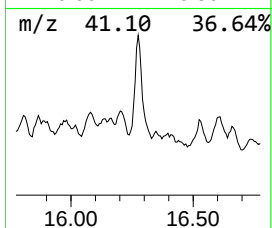
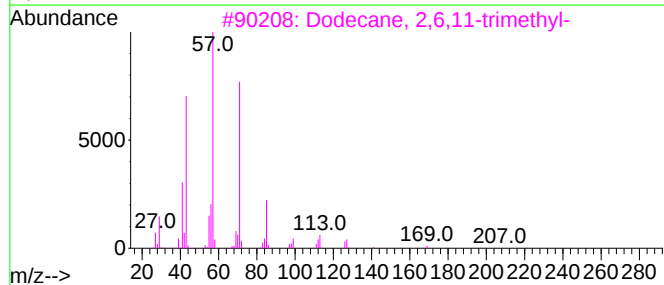
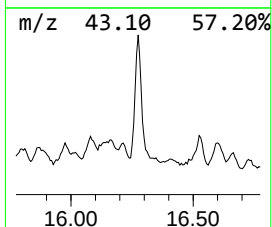
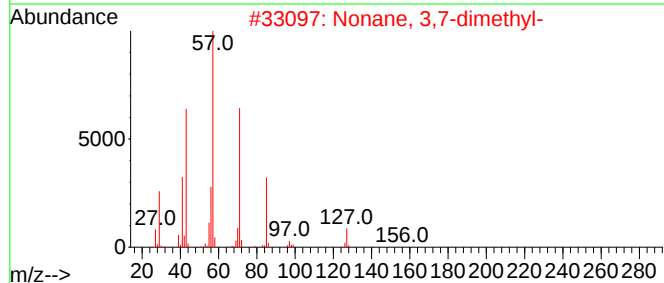
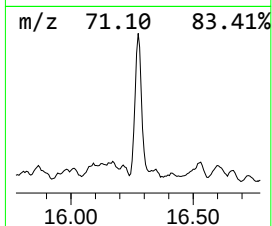
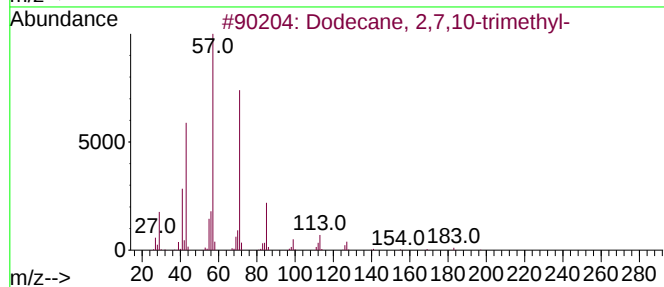
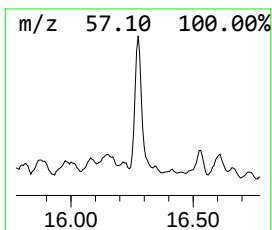
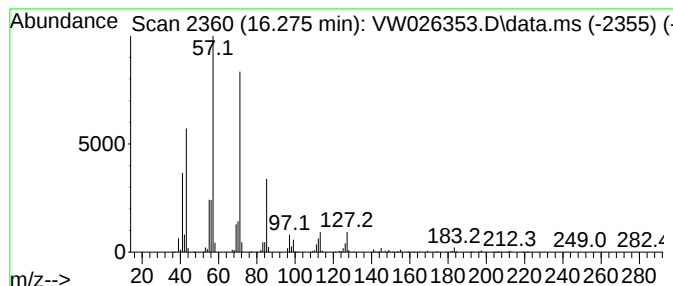
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	22.97 ug/L	1422230	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	90
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026353.D
 Acq On : 27 Jun 2023 14:38
 Operator : SY/MD
 Sample : 03421-19
 Misc : 4.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	12.361	2.1	ug/L	228020	2	11.629	2723350	25.0
(DEL) Alkane: S...	12.592	2.3	ug/L	142760	3	13.556	1548110	25.0
(DEL) Alkane: S...	12.775	2.0	ug/L	125488	3	13.556	1548110	25.0
(DEL) Alkane: C...	12.861	1.9	ug/L	117189	3	13.556	1548110	25.0
unknown-01	12.946	4.3	ug/L	264619	3	13.556	1548110	25.0
Sulfurous acid,...	13.074	1.3	ug/L	82780	3	13.556	1548110	25.0
(DEL) Alkane: S...	13.190	3.3	ug/L	205812	3	13.556	1548110	25.0
(DEL) Alkane: S...	13.287	2.5	ug/L	154033	3	13.556	1548110	25.0
Oxalic acid, 6-...	13.409	2.3	ug/L	142448	3	13.556	1548110	25.0
unknown-02	13.476	1.4	ug/L	86711	3	13.556	1548110	25.0
(DEL) Alkane: S...	13.696	2.7	ug/L	167272	3	13.556	1548110	25.0
(DEL) Alkane: S...	13.921	2.5	ug/L	154871	3	13.556	1548110	25.0
unknown-03	13.976	2.7	ug/L	169177	3	13.556	1548110	25.0
(DEL) Alkane: S...	14.190	2.3	ug/L	141840	3	13.556	1548110	25.0
(DEL) Alkane: S...	14.257	5.3	ug/L	328734	3	13.556	1548110	25.0
(DEL) Alkane: S...	14.312	1.8	ug/L	113826	3	13.556	1548110	25.0
Naphthalene, de...	14.379	10.7	ug/L	660352	3	13.556	1548110	25.0
(DEL) Alkane: S...	14.495	5.2	ug/L	319326	3	13.556	1548110	25.0
Oxalic acid, bi...	14.653	2.8	ug/L	174700	3	13.556	1548110	25.0
(DEL) Alkane: C...	14.732	3.2	ug/L	200744	3	13.556	1548110	25.0
(DEL) Alkane: C...	14.793	7.4	ug/L	455947	3	13.556	1548110	25.0
unknown-04	14.848	12.1	ug/L	748554	3	13.556	1548110	25.0
(DEL) Alkane: S...	15.318	28.5	ug/L	1765420	3	13.556	1548110	25.0
Octadecane, 1-b...	15.391	9.0	ug/L	554575	3	13.556	1548110	25.0
(DEL) Alkane: S...	15.568	6.0	ug/L	369228	3	13.556	1548110	25.0
(DEL) Alkane: S...	16.275	23.0	ug/L	1422230	3	13.556	1548110	25.0