

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026146.D
 Acq On : 08 Jun 2023 21:06
 Operator : SY/MD
 Sample : VIBLK466
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK466

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\SFAMWLM053023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	48	rBV3	8842	18117	0.62%	0.059%
2	2.228	50	56	57	rBV6	4368	7375	0.25%	0.024%
3	2.363	69	78	94	rBV	122760	332811	11.33%	1.092%
4	2.631	115	122	124	rBV8	5379	12195	0.41%	0.040%
5	2.893	158	165	182	rBV	118040	333166	11.34%	1.093%
6	3.320	233	235	240	rVB6	1521	2377	0.08%	0.008%
7	3.393	240	247	255	rBV3	7593	20296	0.69%	0.067%
8	3.533	266	270	277	rVB8	2797	5081	0.17%	0.017%
9	3.643	285	288	290	rBV4	2051	2264	0.08%	0.007%
10	3.728	297	302	304	rVB6	1437	2034	0.07%	0.007%
11	4.021	333	350	366	rBV	257839	874897	29.77%	2.871%
12	4.191	376	378	381	rVB4	2096	2568	0.09%	0.008%
13	4.380	401	409	424	rVV	25054	81817	2.78%	0.269%
14	4.917	488	497	512	rVV2	18369	74079	2.52%	0.243%
15	5.136	530	533	535	rVV4	2725	4008	0.14%	0.013%
16	5.173	537	539	541	rVV3	2006	2162	0.07%	0.007%
17	5.429	578	581	587	rVB8	1736	3126	0.11%	0.010%
18	5.630	612	614	618	rVB5	1803	2478	0.08%	0.008%
19	5.752	631	634	639	rVB7	3805	6971	0.24%	0.023%
20	5.935	655	664	675	rBV4	9123	30347	1.03%	0.100%
21	6.106	689	692	698	rBV8	1382	2929	0.10%	0.010%
22	6.301	719	724	726	rBV6	1552	2541	0.09%	0.008%
23	6.502	756	757	761	rVB4	2169	2310	0.08%	0.008%
24	6.545	761	764	765	rBV3	1761	2163	0.07%	0.007%
25	6.837	811	812	817	rVB5	2016	2478	0.08%	0.008%
26	6.880	817	819	821	rBV3	1735	2020	0.07%	0.007%
27	6.935	825	828	831	rBV5	1381	2239	0.08%	0.007%
28	7.075	841	851	856	rBV	78987	226608	7.71%	0.744%
29	7.130	856	860	874	rVV2	91605	249992	8.51%	0.820%
30	7.386	899	902	906	rBV6	1923	2855	0.10%	0.009%
31	7.569	929	932	935	rBV5	2172	3628	0.12%	0.012%
32	7.648	935	945	959	rVB	476980	1152922	39.23%	3.784%
33	7.880	980	983	986	rBV5	1923	2774	0.09%	0.009%
34	7.941	992	993	995	rBV2	2451	2226	0.08%	0.007%
35	8.154	1024	1028	1031	rVB6	2049	2959	0.10%	0.010%
36	8.276	1034	1048	1063	rBV2	964879	2938687	100.00%	9.645%

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Integrator: RTE

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 Title : SFAM01.0

37	8.630	1102	1106	1109	rVB6	1671	2104	0.07%	0.007%
38	8.666	1109	1112	1114	rBV4	1861	2347	0.08%	0.008%
39	8.837	1131	1140	1153	rBV	1033628	2082048	70.85%	6.833%
40	9.081	1174	1180	1184	rVB9	4340	8688	0.30%	0.029%
41	9.270	1203	1211	1223	rBV	667593	1365568	46.47%	4.482%
42	9.386	1228	1230	1233	rVB4	2241	2633	0.09%	0.009%
43	9.666	1272	1276	1281	rVB8	4616	8191	0.28%	0.027%
44	9.745	1287	1289	1290	rBV2	2891	1985	0.07%	0.007%
45	9.892	1309	1313	1317	rVV2	9174	15351	0.52%	0.050%
46	10.032	1329	1336	1345	rBV	315729	583795	19.87%	1.916%
47	10.123	1349	1351	1357	rVB7	4519	7920	0.27%	0.026%
48	10.325	1376	1384	1392	rBV	1256662	2286752	77.82%	7.505%
49	10.574	1419	1425	1433	rBV	195696	339635	11.56%	1.115%
50	10.702	1440	1446	1452	rVB	63369	113494	3.86%	0.372%
51	10.849	1466	1470	1473	rBV5	5172	8827	0.30%	0.029%
52	10.922	1476	1482	1492	rBV	300269	533479	18.15%	1.751%
53	11.056	1500	1504	1511	rVB8	12888	27787	0.95%	0.091%
54	11.434	1561	1566	1573	rVB2	41410	70486	2.40%	0.231%
55	11.629	1591	1598	1606	rVB	1456398	2418159	82.29%	7.936%
56	12.470	1731	1736	1741	rBV6	9767	18844	0.64%	0.062%
57	12.605	1751	1758	1765	rVB3	98070	177323	6.03%	0.582%
58	12.690	1765	1772	1781	rVB	448224	747131	25.42%	2.452%
59	12.934	1806	1812	1818	rBV9	14118	30034	1.02%	0.099%
60	13.074	1831	1835	1838	rBV5	10813	13431	0.46%	0.044%
61	13.123	1840	1843	1847	rVB6	4144	6341	0.22%	0.021%
62	13.190	1850	1854	1856	rBV4	6570	9676	0.33%	0.032%
63	13.257	1861	1865	1866	rBV4	8694	11258	0.38%	0.037%
64	13.287	1866	1870	1875	rVB4	29045	43547	1.48%	0.143%
65	13.342	1875	1879	1883	rBV4	12075	17395	0.59%	0.057%
66	13.409	1886	1890	1892	rBV4	10747	16842	0.57%	0.055%
67	13.446	1892	1896	1900	rBV4	25187	43727	1.49%	0.144%
68	13.556	1907	1914	1927	rVB	1447747	2323848	79.08%	7.627%
69	13.696	1933	1937	1941	rBV3	14533	20727	0.71%	0.068%
70	13.799	1950	1954	1955	rBV3	7061	8698	0.30%	0.029%
71	13.848	1955	1962	1970	rVV	1072105	1906564	64.88%	6.257%
72	13.915	1971	1973	1977	rVV2	42670	54337	1.85%	0.178%
73	13.970	1979	1982	1986	rVB3	30054	43871	1.49%	0.144%
74	14.062	1992	1997	2003	rVB2	75123	137027	4.66%	0.450%
75	14.190	2013	2018	2022	rBV5	24660	44526	1.52%	0.146%
76	14.257	2025	2029	2034	rVV4	42767	72652	2.47%	0.238%

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77	14.312	2035	2038	2042	rVB4	27252	37426	1.27%	0.123%
78	14.379	2042	2049	2055	rBV2	166918	306048	10.41%	1.004%
79	14.427	2055	2057	2058	rBV2	10243	8422	0.29%	0.028%
80	14.543	2070	2076	2081	rBV4	90382	156723	5.33%	0.514%
81	14.653	2091	2094	2098	rVB3	30348	38317	1.30%	0.126%
82	14.732	2103	2107	2109	rBV5	49641	77811	2.65%	0.255%
83	14.793	2113	2117	2121	rVB2	96778	142233	4.84%	0.467%
84	14.848	2121	2126	2134	rBV3	95138	164342	5.59%	0.539%
85	14.921	2134	2138	2142	rBV3	49091	98997	3.37%	0.325%
86	15.110	2166	2169	2174	rVB3	67072	92640	3.15%	0.304%
87	15.189	2174	2182	2185	rBV8	82579	218970	7.45%	0.719%
88	15.257	2189	2193	2198	rVV	213944	393656	13.40%	1.292%
89	15.318	2198	2203	2210	rVB	825727	1255692	42.73%	4.121%
90	15.385	2210	2214	2217	rBV3	83456	167070	5.69%	0.548%
91	15.433	2218	2222	2229	rVV3	133937	273974	9.32%	0.899%
92	15.500	2230	2233	2238	rVB6	79925	142829	4.86%	0.469%
93	15.574	2239	2245	2249	rBV6	125346	298521	10.16%	0.980%
94	15.616	2249	2252	2256	rVV2	99627	141968	4.83%	0.466%
95	15.665	2257	2260	2263	rVV	80933	121634	4.14%	0.399%
96	15.720	2266	2269	2277	rVB4	135508	270241	9.20%	0.887%
97	16.208	2345	2349	2354	rVB2	253489	425449	14.48%	1.396%
98	16.275	2354	2360	2368	rVB	1412975	2572939	87.55%	8.444%
99	16.531	2397	2402	2407	rBV2	289908	505438	17.20%	1.659%
100	16.659	2420	2423	2430	rVB4	269123	513113	17.46%	1.684%

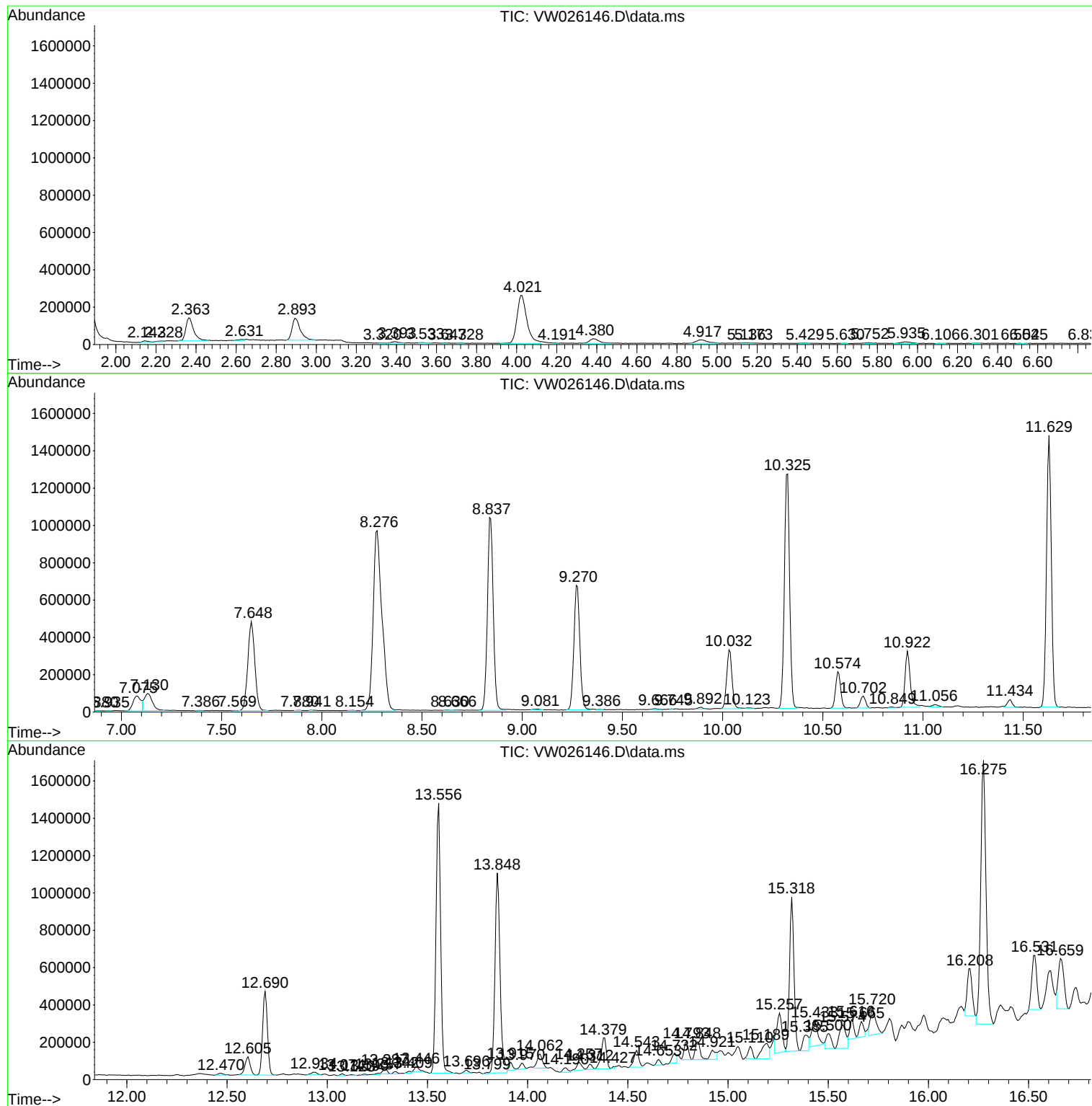
Sum of corrected areas: 30469001

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.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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VIBLK466

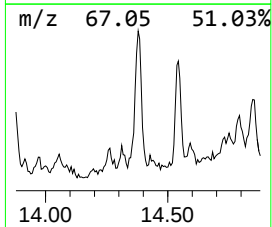
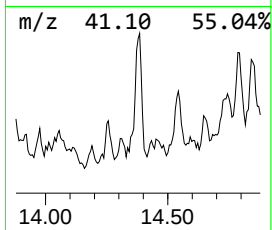
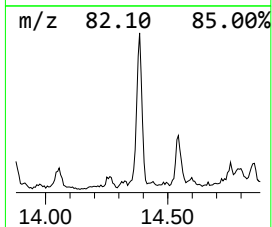
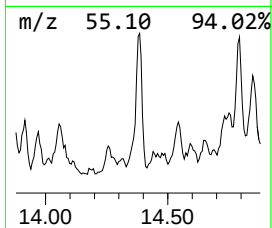
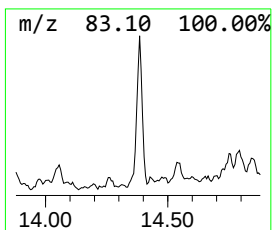
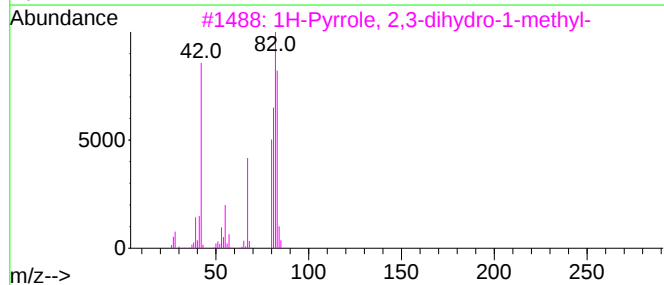
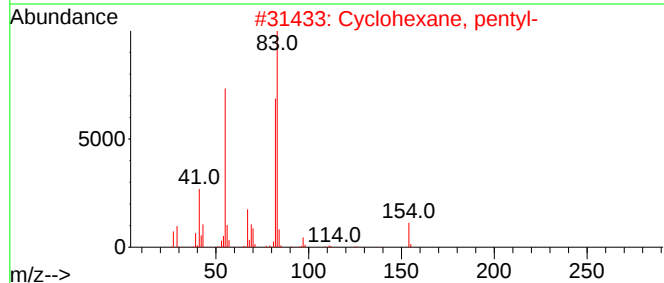
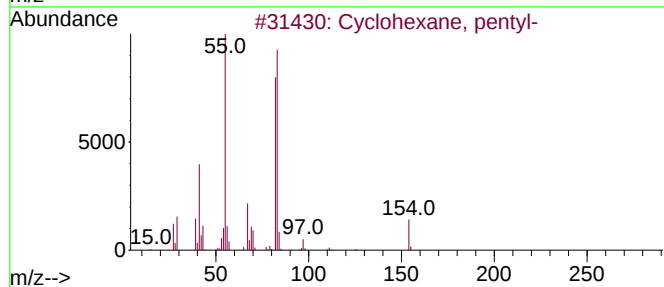
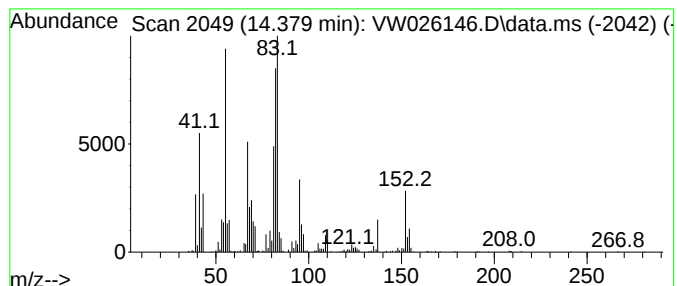
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic14.379 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.29 ug/L	306048	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	60
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	60
3			1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	58
4			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	53
5			Cyclohexane, 1,1'-(1,2-ethanedi...	194	C14H26	003321-50-4	50



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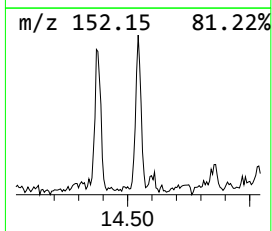
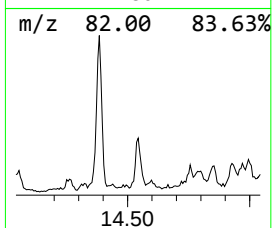
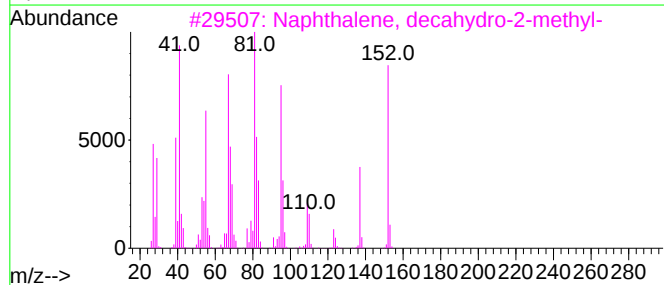
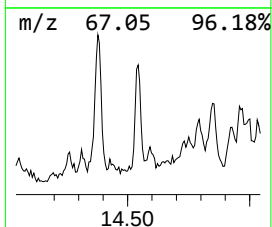
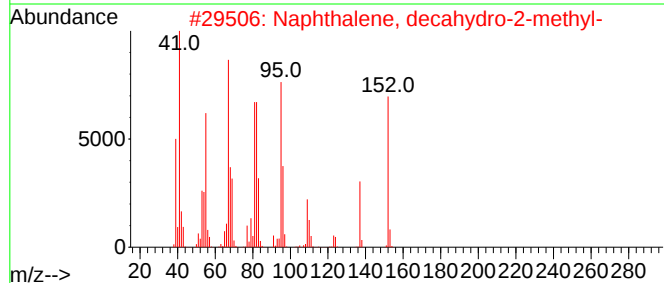
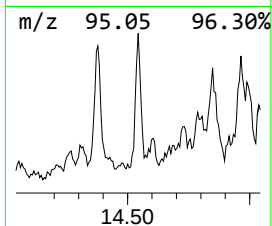
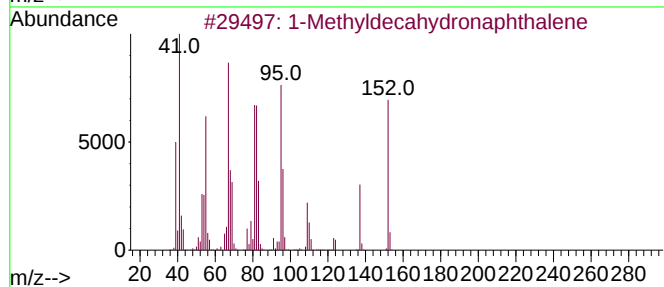
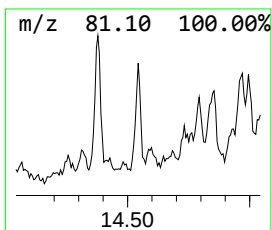
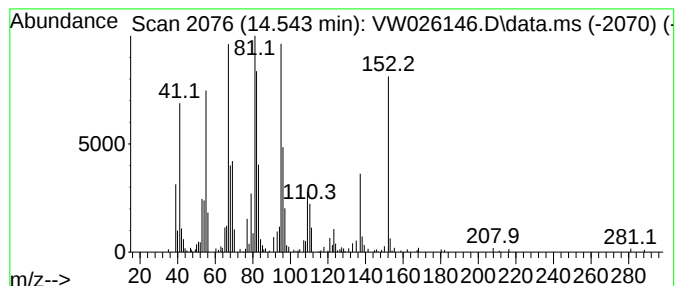
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	1.69 ug/L	156723	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87



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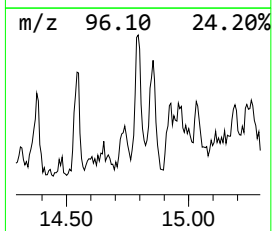
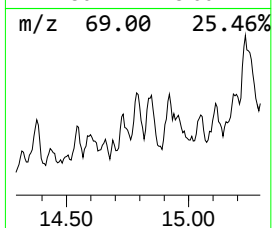
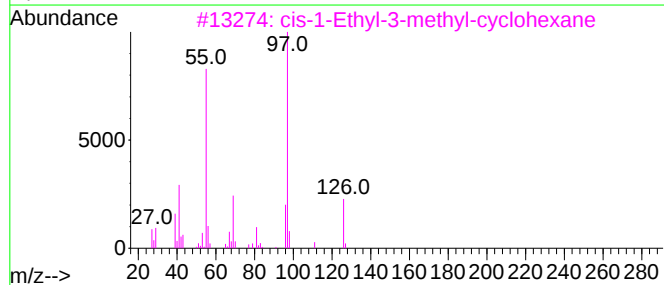
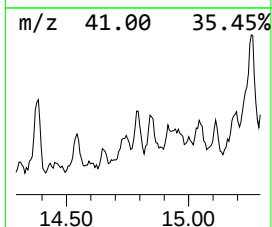
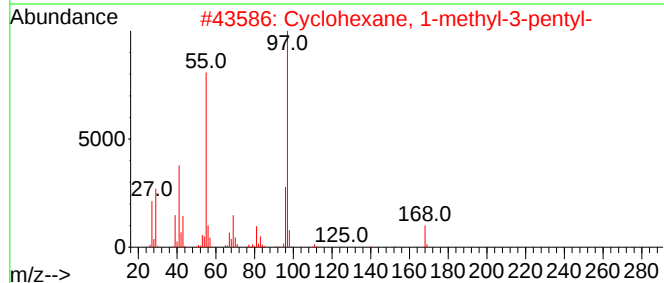
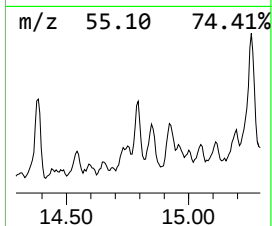
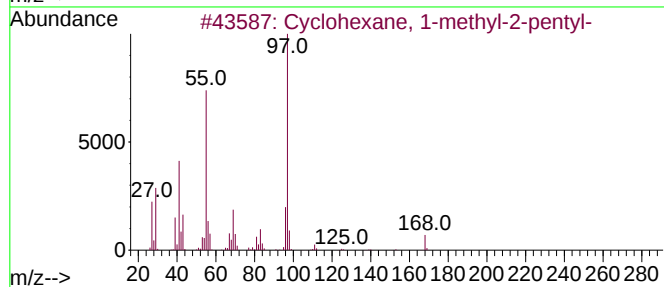
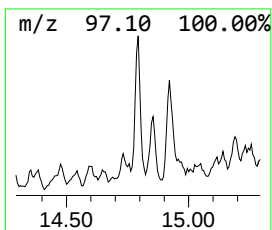
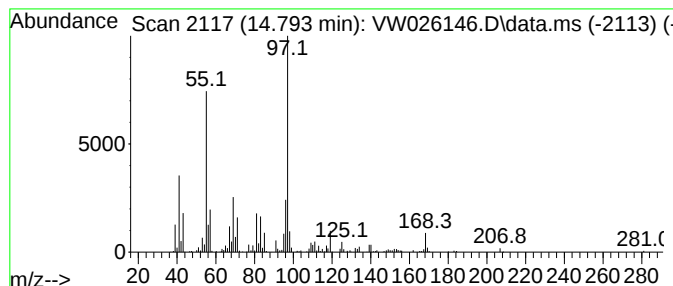
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic14.793 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	1.53 ug/L	142233	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	80
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	74
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

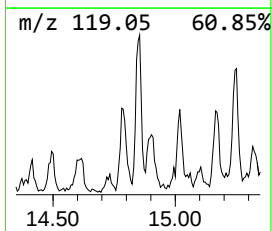
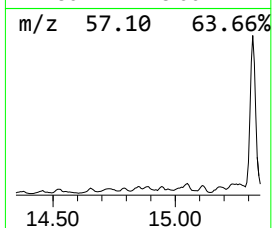
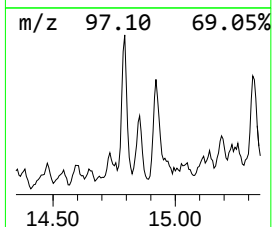
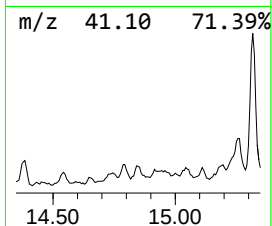
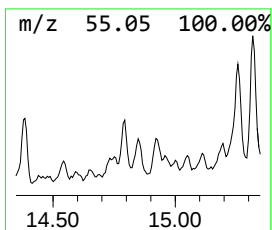
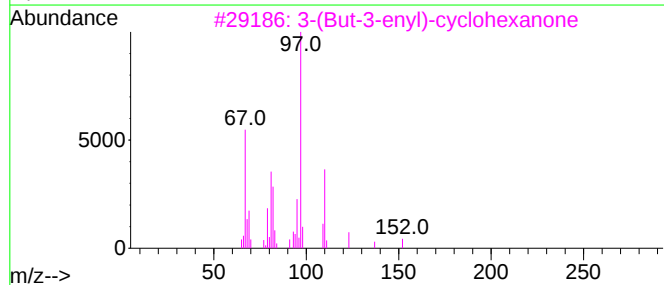
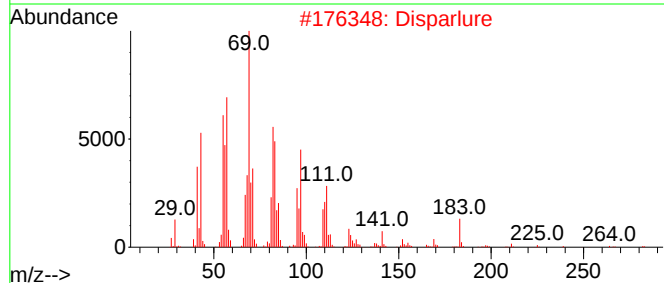
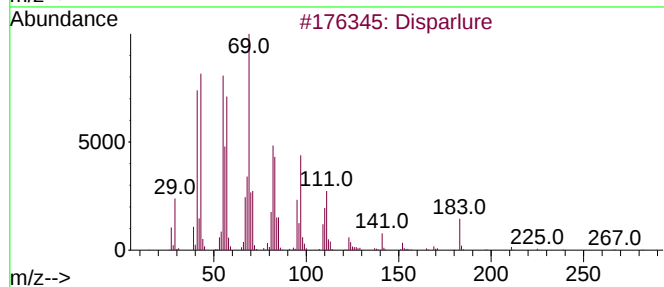
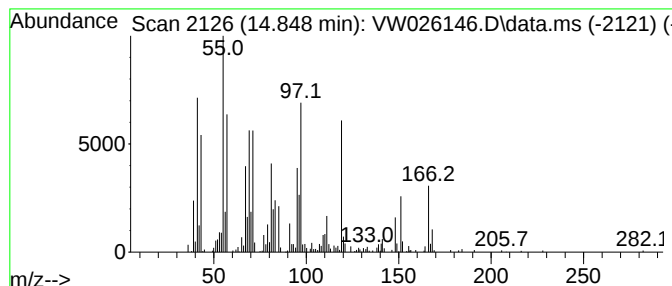
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Quant Title : SFAM01.0

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

Peak Number 8 Disparlure Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	1.77 ug/L	164342	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disparlure			282	C19H38O	029804-22-6	50
2	Disparlure			282	C19H38O	029804-22-6	47
3	3-(But-3-enyl)-cyclohexanone			152	C10H16O	003636-03-1	18
4	Cyclohexanol, 5-methyl-2-(1-meth...			156	C10H20O	023283-97-8	14
5	1b,5,5,6a-Tetramethyl-octahydro-...			208	C13H20O2	1000194-13-1	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

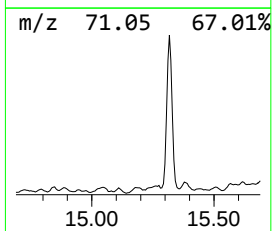
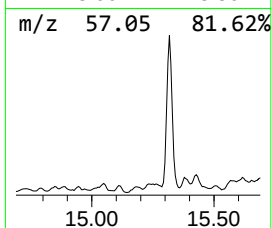
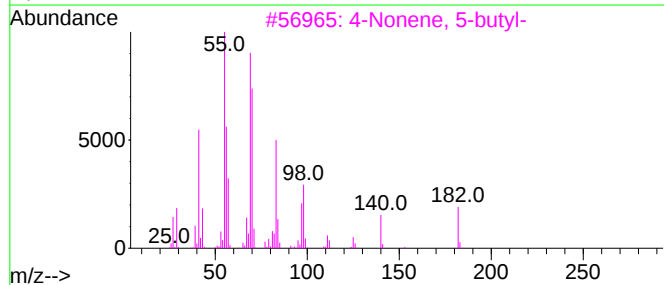
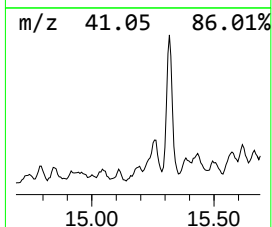
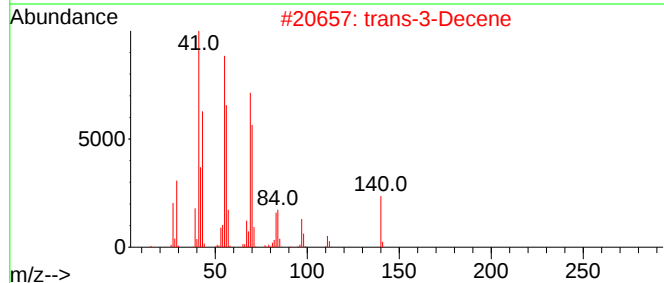
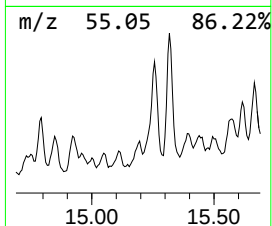
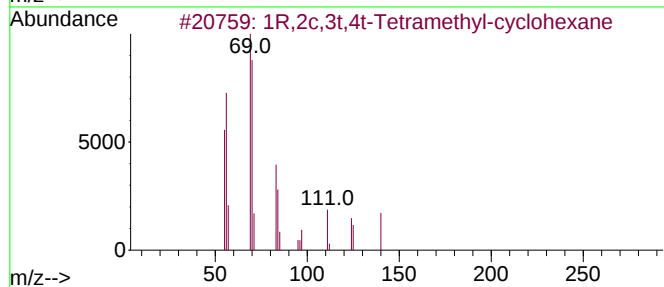
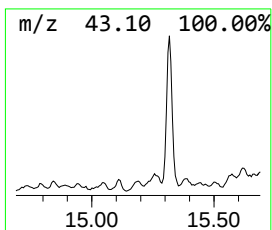
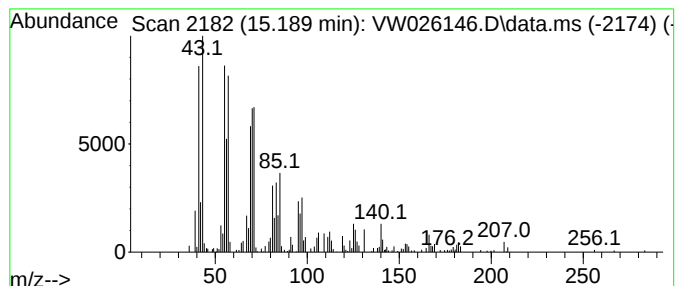
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic15.190 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.190	2.36 ug/L	218970	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	49		
2	trans-3-Decene	140	C10H20	019150-21-1	46		
3	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	46		
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	43		
5	cis-4-Decene	140	C10H20	019398-88-0	41		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

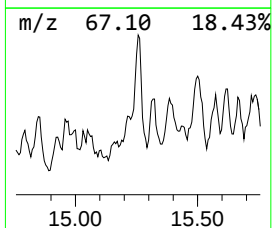
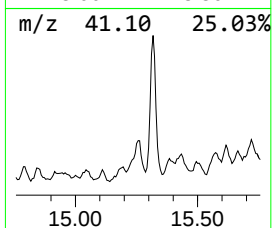
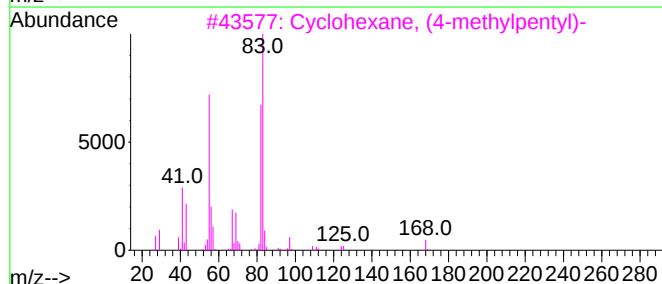
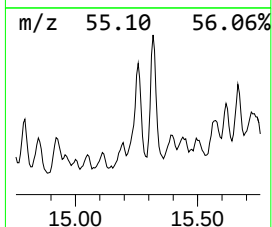
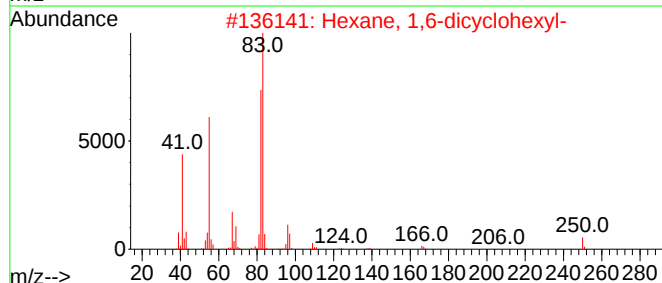
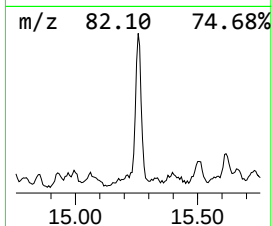
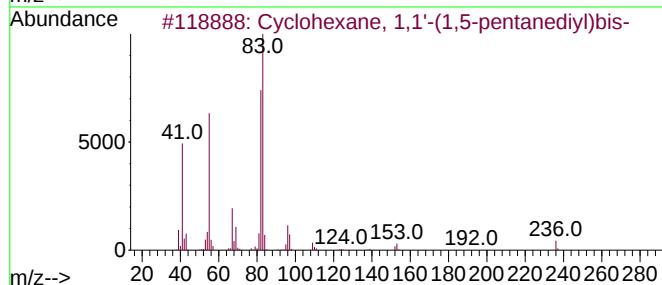
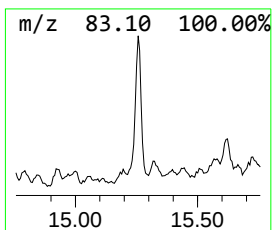
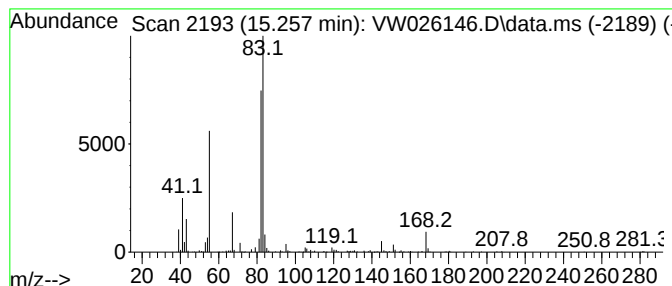
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Quant Title : SFAM01.0

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

Peak Number 10 Cyclohexane, 1,1'-(1,5-pent... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	4.23 ug/L	393656	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-(1,5-pentanediy... 236	C17H32	054833-31-7	78	
2			Hexane, 1,6-dicyclohexyl- 250	C18H34	001610-23-7	78	
3			Cyclohexane, (4-methylpentyl)- 168	C12H24	061142-20-9	78	
4			Cyclohexane, hexyl- 168	C12H24	004292-75-5	78	
5			Cyclohexane, 1,1'-(1,3-propanedi... 208	C15H28	003178-24-3	78	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

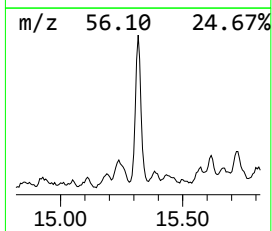
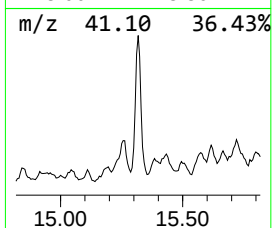
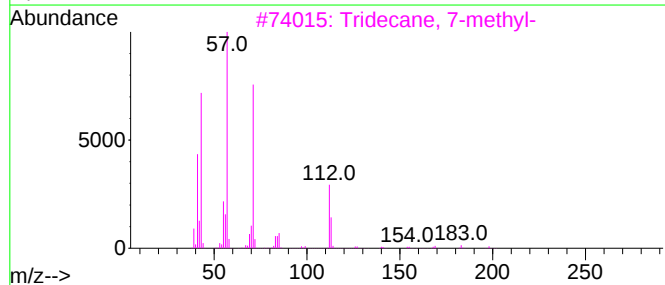
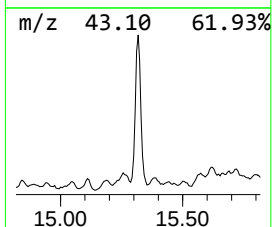
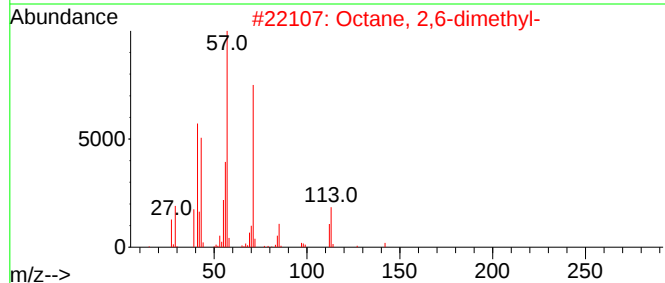
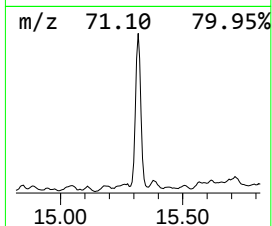
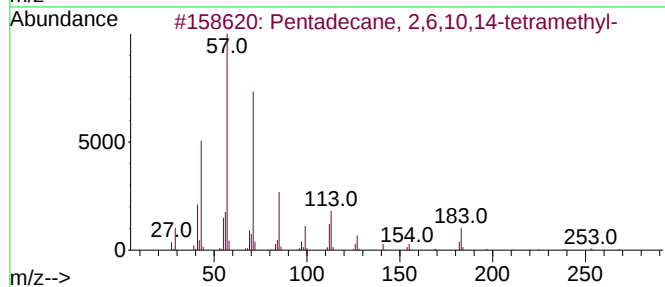
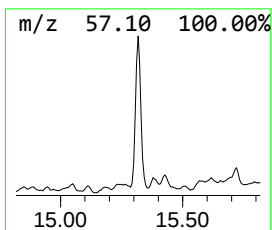
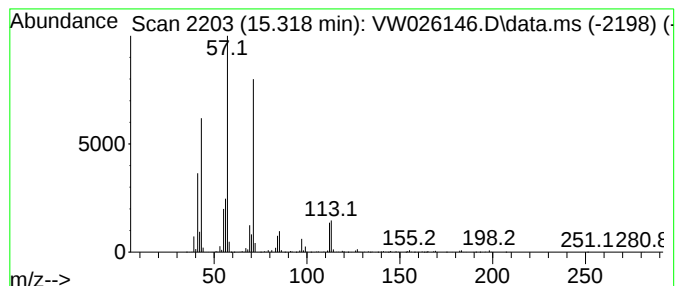
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	13.51 ug/L	1255690	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	80
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

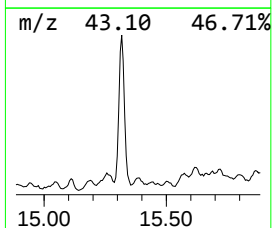
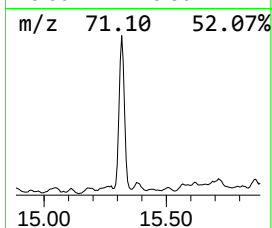
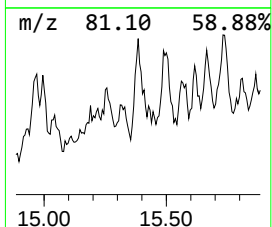
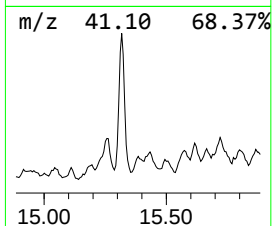
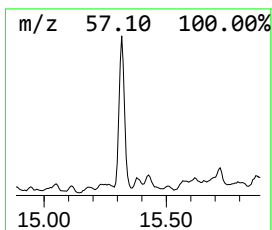
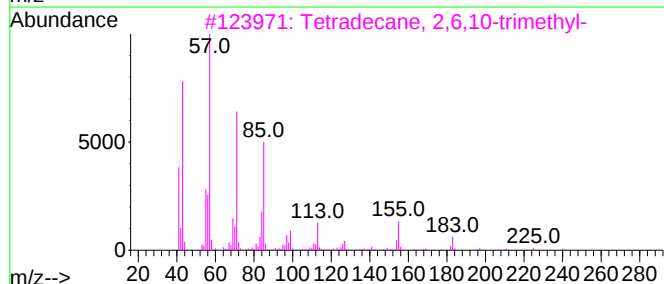
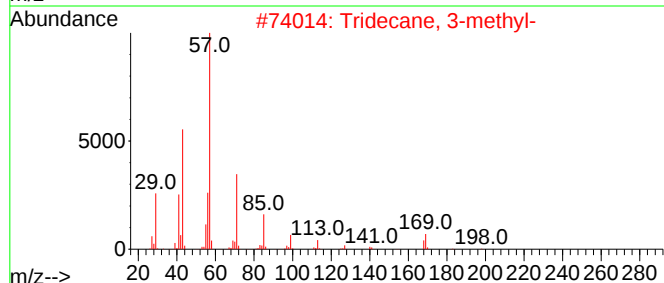
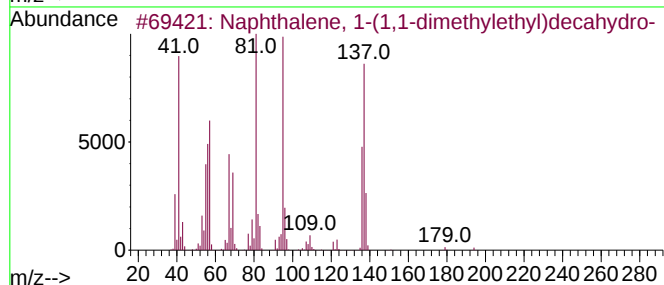
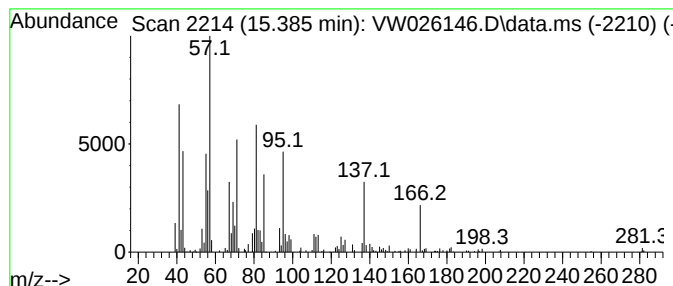
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.385	1.80 ug/L	167070	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(1,1-dimethylethy...	194	C14H26	056292-64-9	35
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	35
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	35
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	27
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

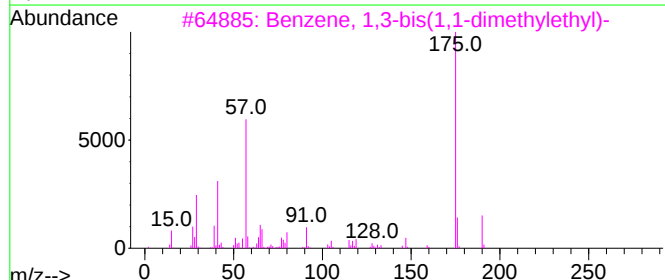
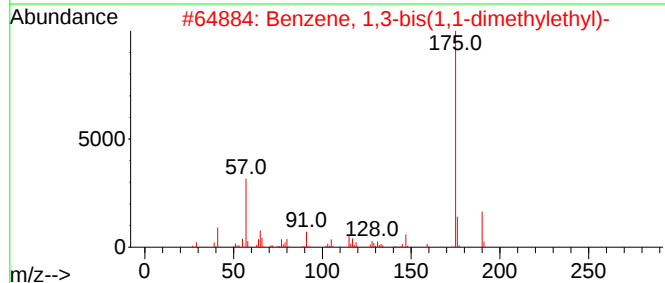
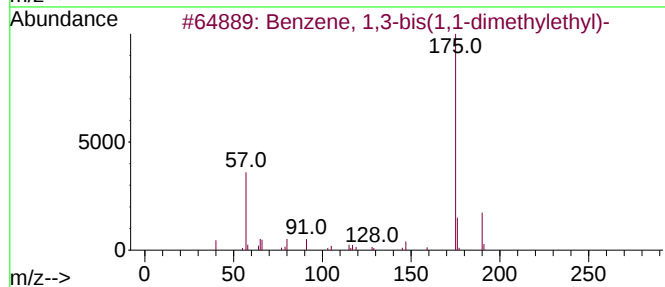
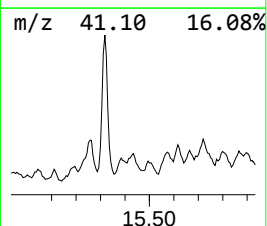
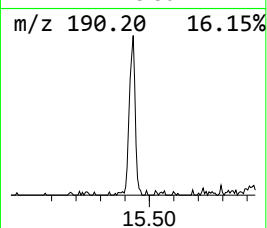
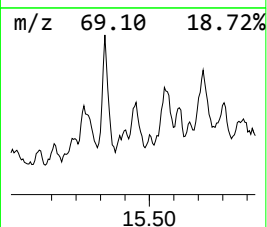
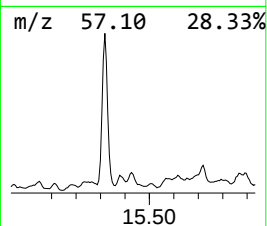
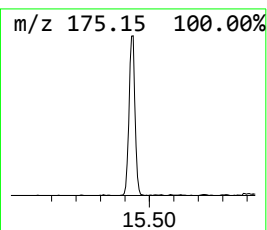
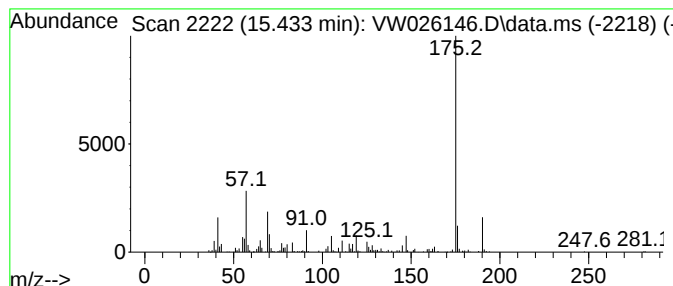
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	2.95 ug/L	273974	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	72
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	72
5			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

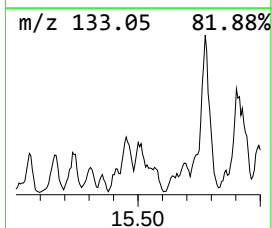
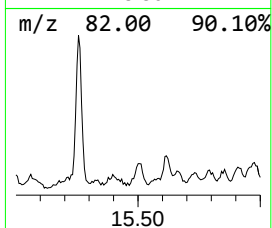
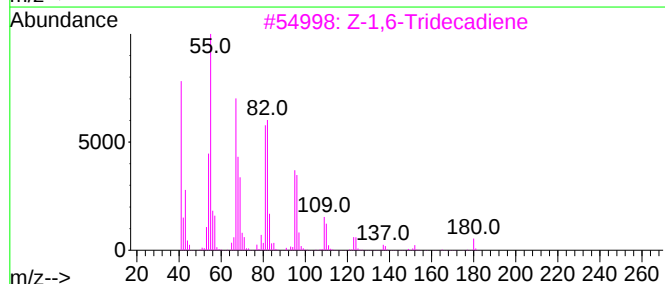
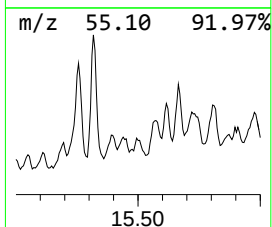
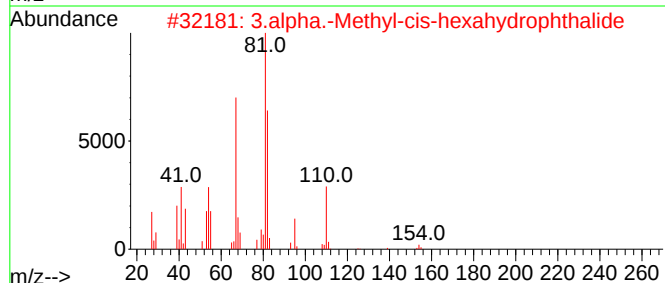
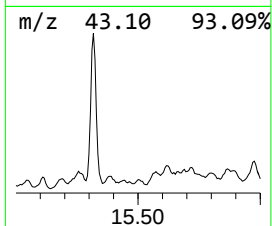
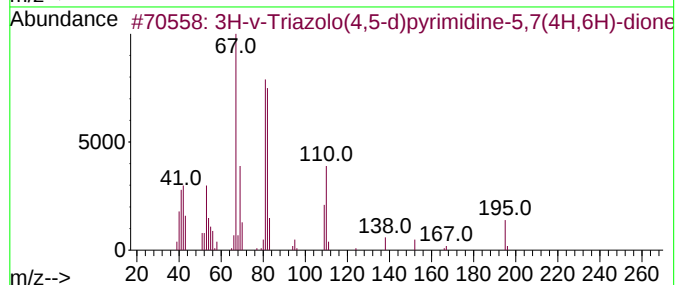
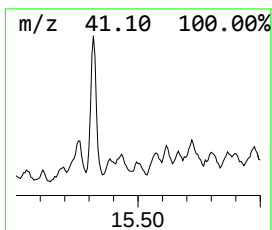
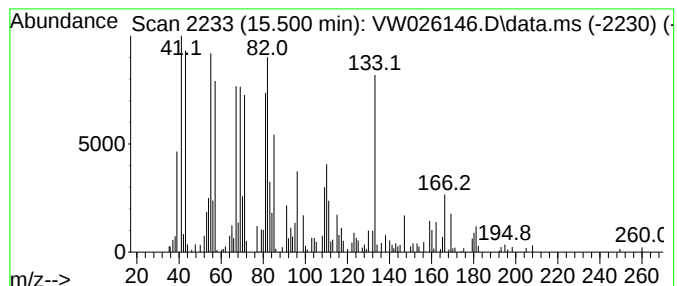
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.500	1.54 ug/L	142829	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3H-v-Triazolo(4,5-d)pyrimidine-5...	195	C7H9N5O2	002278-16-2	49
2			3.alpha.-Methyl-cis-hexahydrophth...	154	C9H14O2	058648-38-7	42
3			Z-1,6-Tridecadiene	180	C13H24	1000130-98-3	38
4			3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	38
5			Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

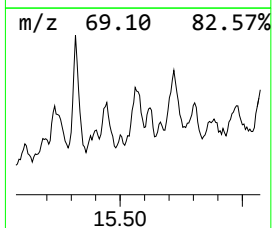
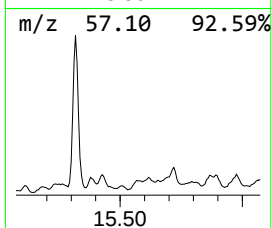
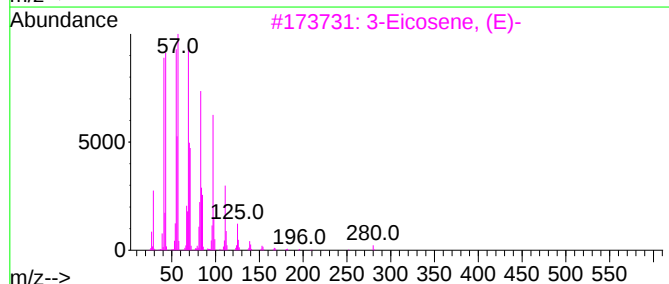
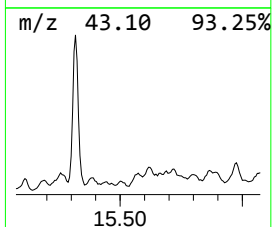
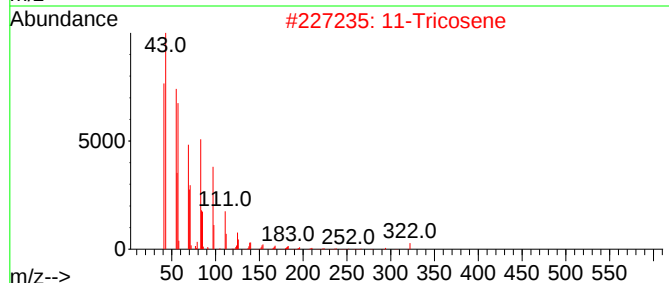
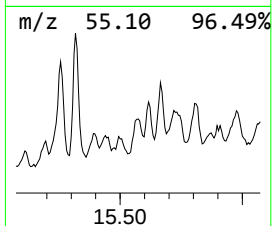
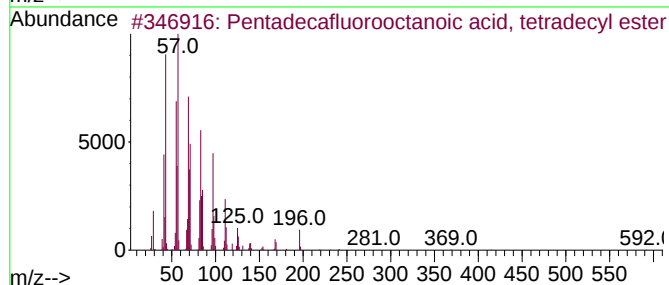
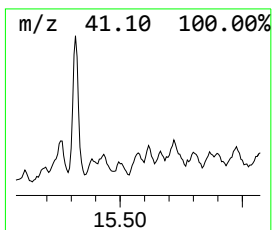
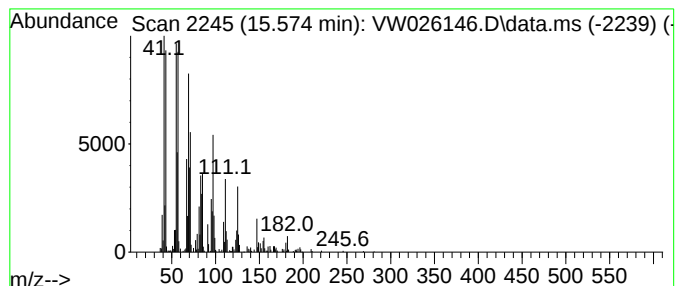
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Quant Title : SFAM01.0

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

Peak Number 15 Pentadecafluorooctanoic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.574	3.21 ug/L	298521	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, te...	610	C22H29F15O2	1000406-04-4	81
2			11-Tricosene	322	C23H46	052078-56-5	74
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	74
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

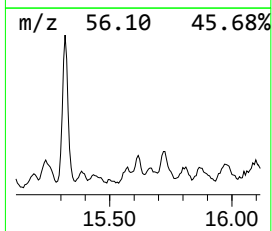
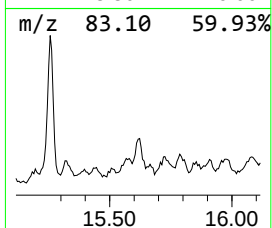
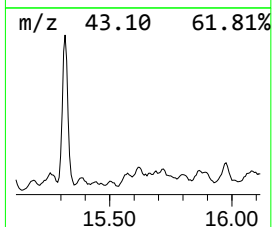
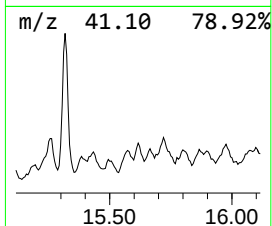
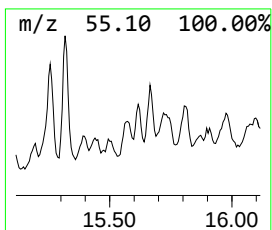
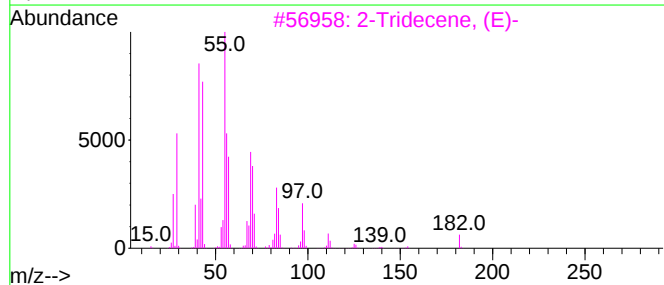
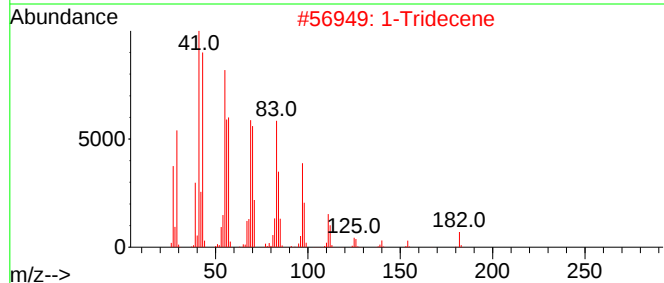
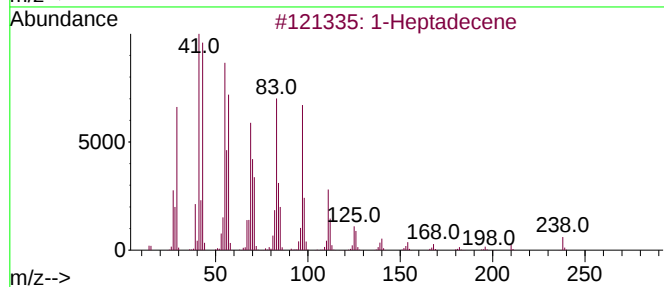
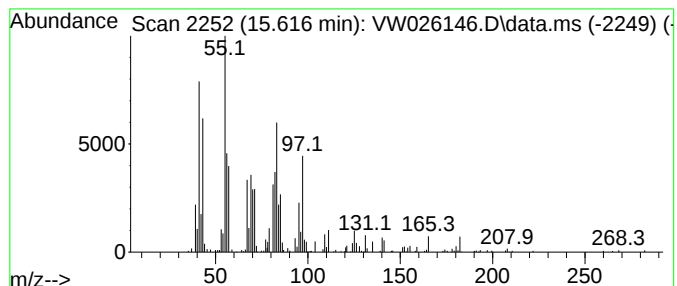
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.616	1.53 ug/L	141968	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptadecene	238	C17H34	006765-39-5	58
2		1-Tridecene	182	C13H26	002437-56-1	43
3		2-Tridecene, (E)-	182	C13H26	041446-58-6	38
4		Pentadecafluorooctanoic acid, no...	540	C17H19F15O2	1000406-03-9	35
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

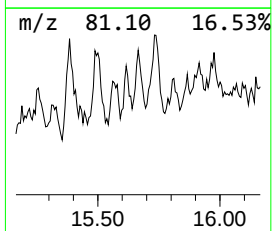
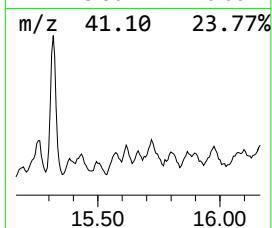
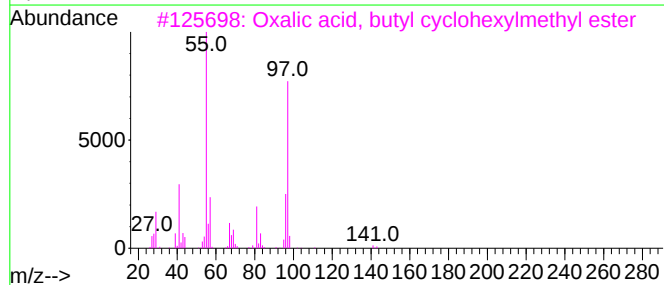
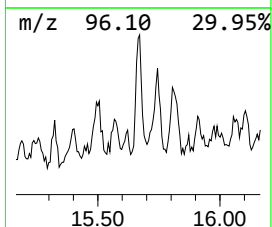
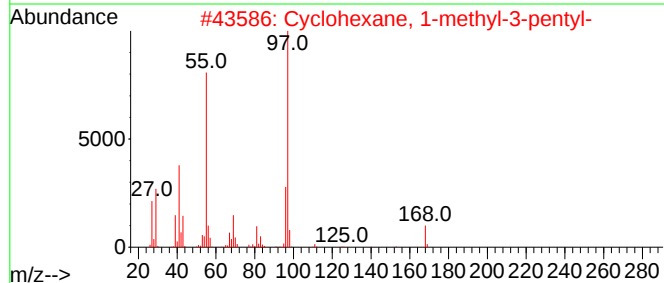
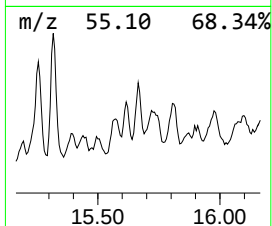
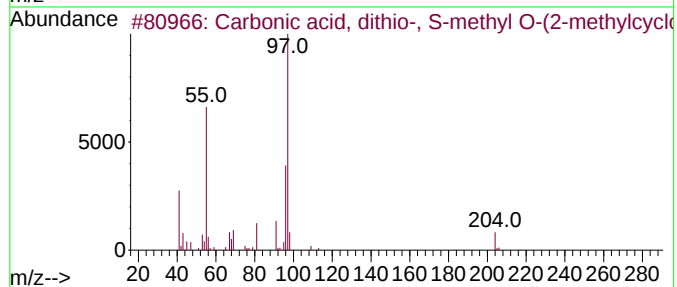
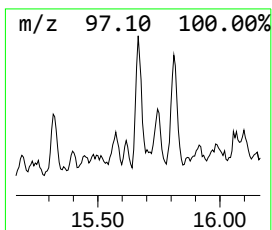
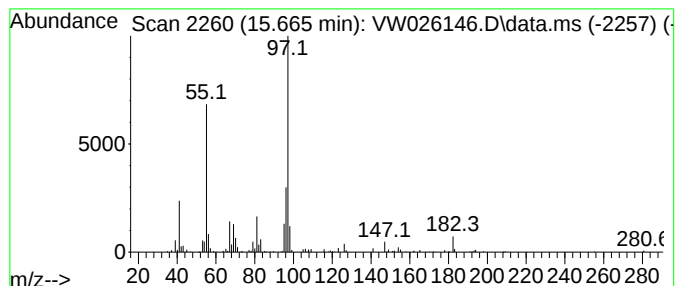
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Quant Title : SFAM01.0

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

Peak Number 17 Carbonic acid, dithio-, S-m... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.665	1.31 ug/L	121634	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dithio-, S-methyl...	204	C9H16O5S2	015288-12-7	72
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	72
3			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	64
4			Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	64
5			2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

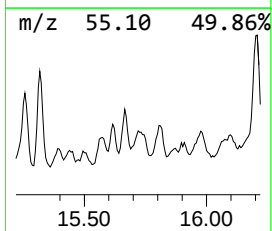
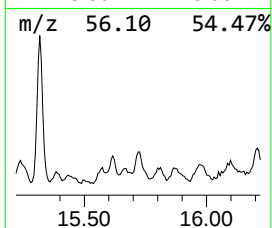
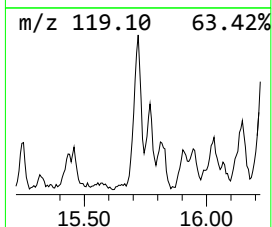
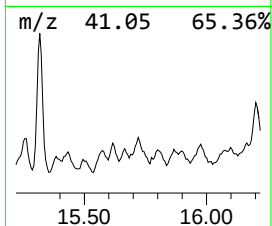
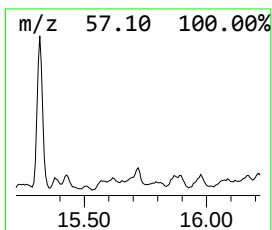
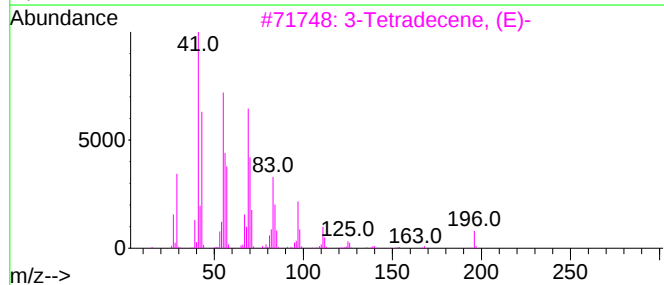
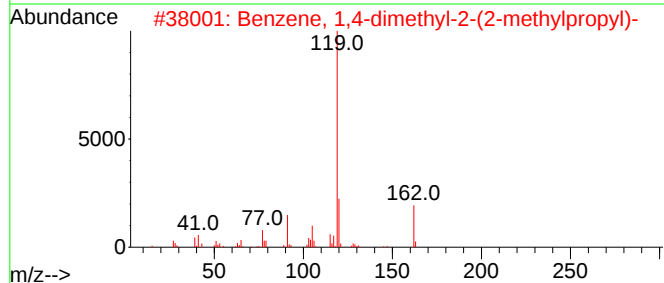
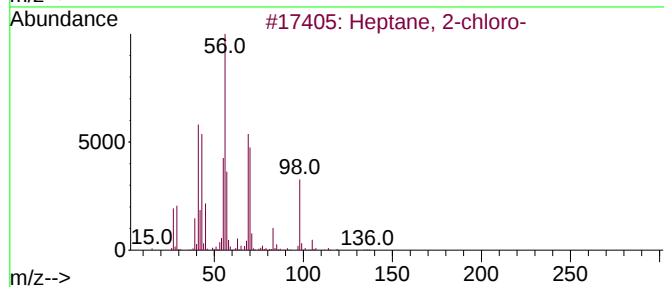
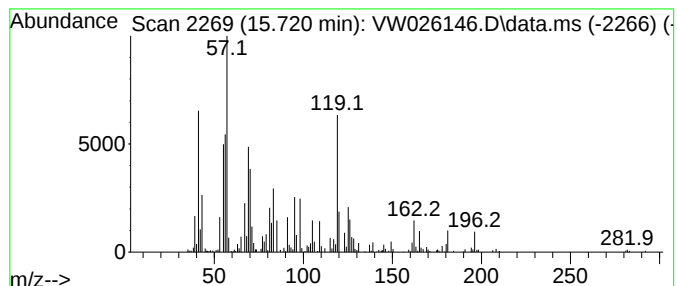
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	2.91 ug/L	270241	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	38
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	25
3			3-Tetradecene, (E)-	196	C14H28	041446-68-8	25
4			3-Tetradecene, (E)-	196	C14H28	041446-68-8	25
5			Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

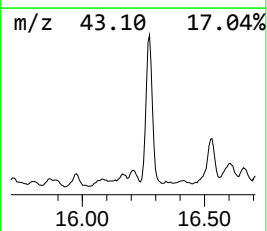
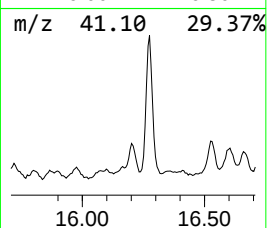
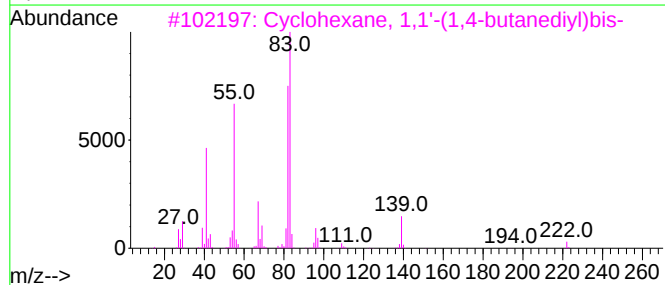
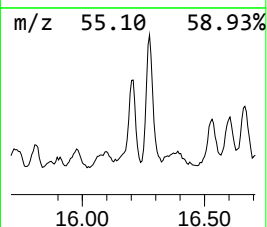
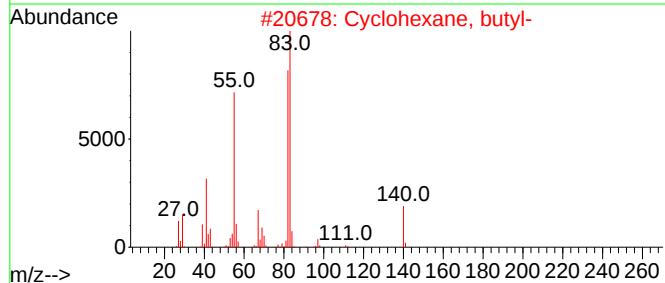
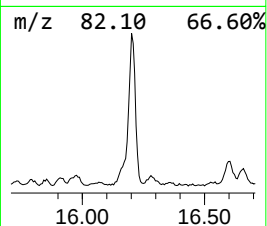
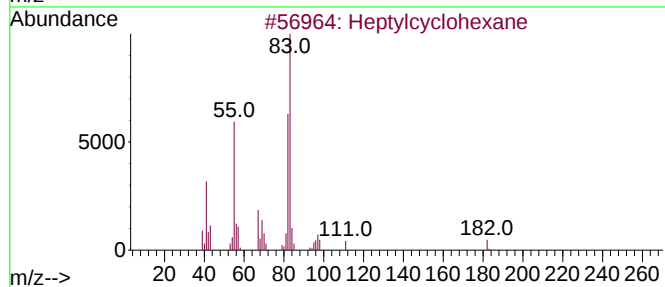
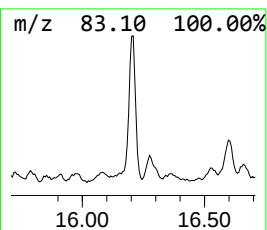
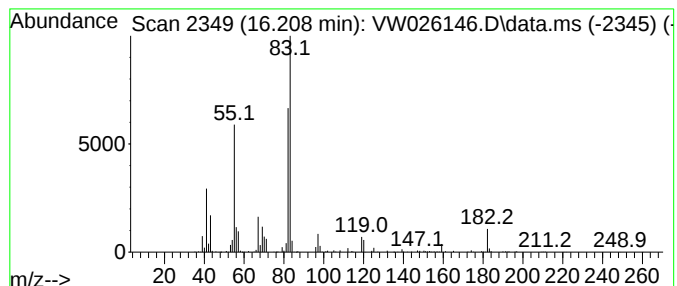
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic16.208 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.208	4.58 ug/L	425449	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	83
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3			Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	72
4			Heptylcyclohexane	182	C13H26	005617-41-4	58
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

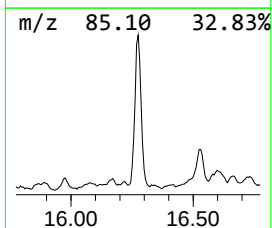
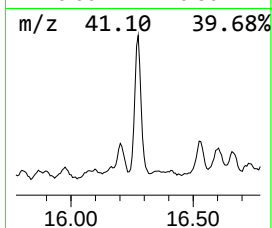
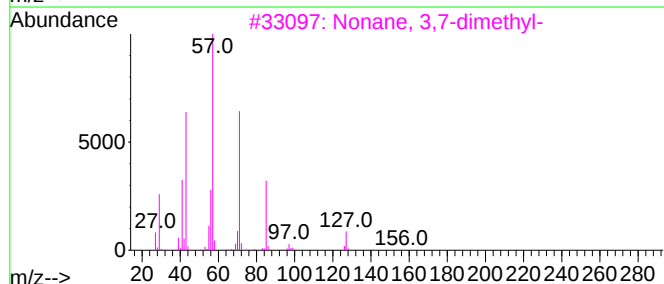
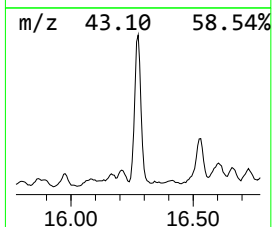
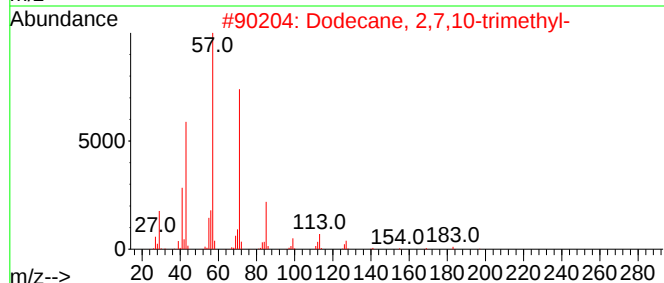
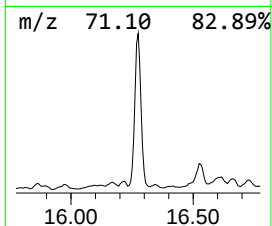
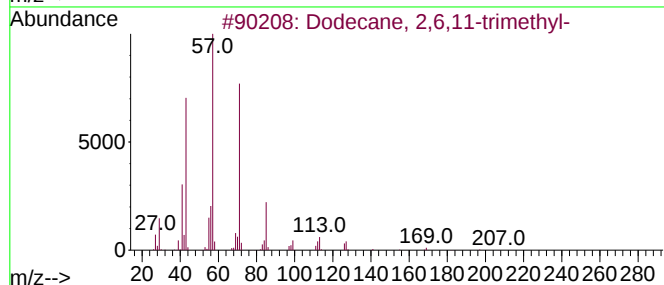
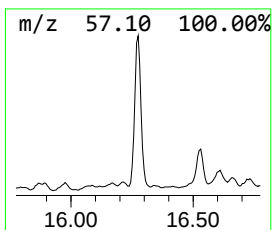
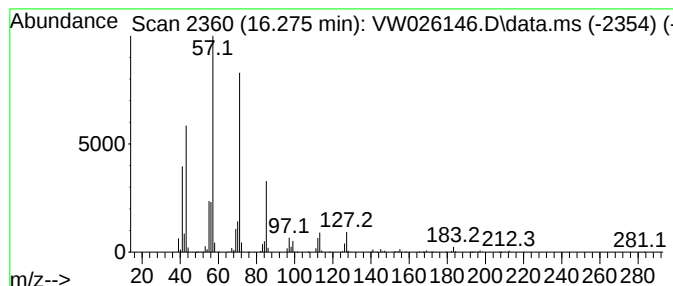
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	27.68 ug/L	2572940	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

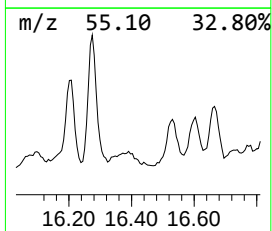
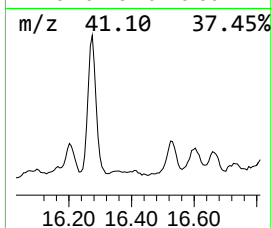
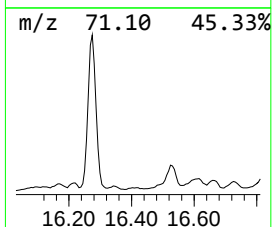
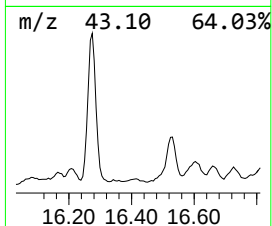
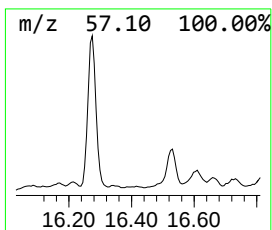
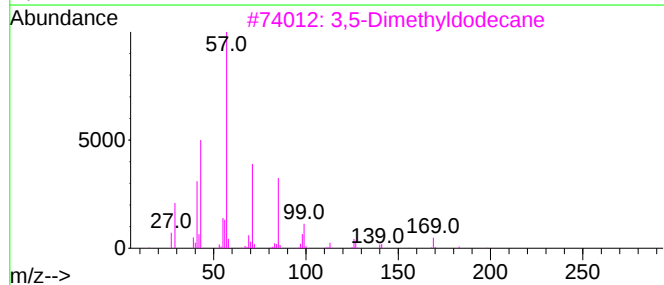
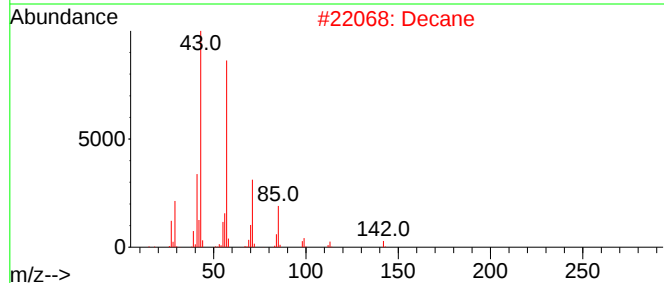
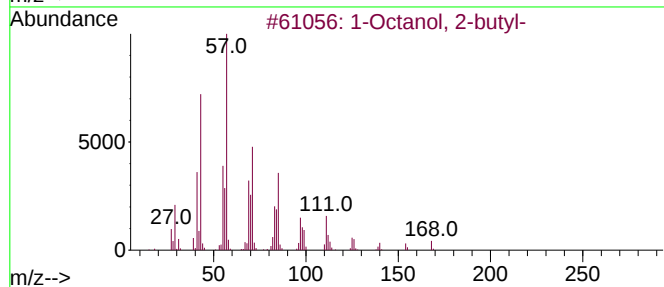
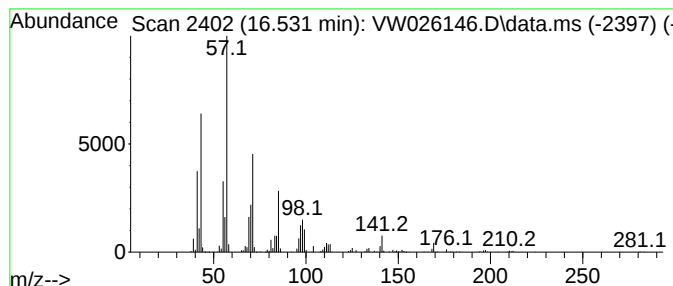
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Quant Title : SFAM01.0

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

Peak Number 21 1-Octanol, 2-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	5.44 ug/L	505438	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	78
2			Decane	142	C10H22	000124-18-5	76
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
4			Pentadecane	212	C15H32	000629-62-9	70
5			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026146.D
Acq On : 08 Jun 2023 21:06
Operator : SY/MD
Sample : VIBLK466
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK466

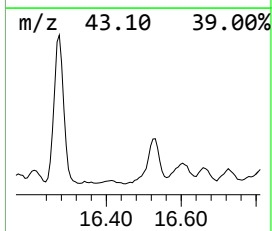
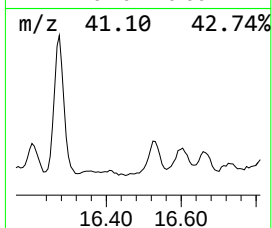
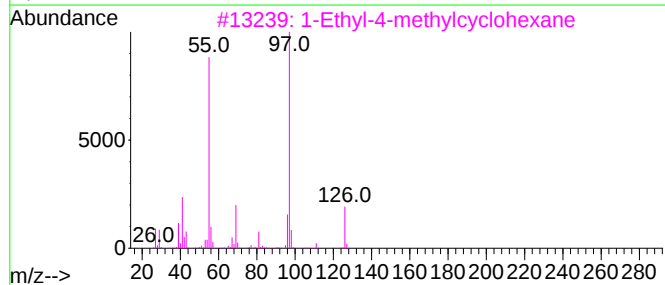
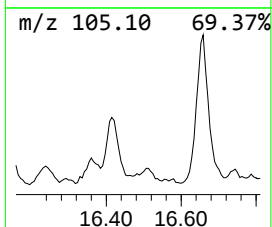
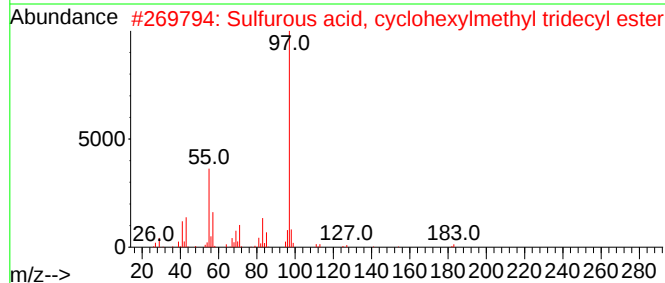
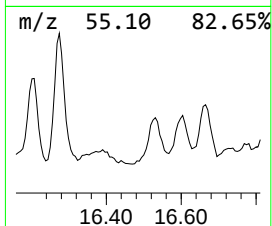
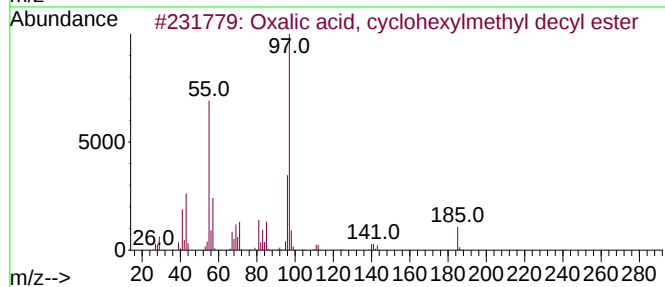
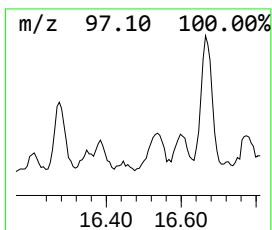
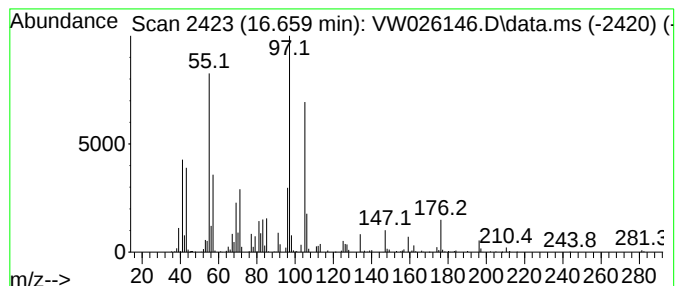
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Quant Title : SFAM01.0

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

Peak Number 22 Oxalic acid, cyclohexylmeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.659	5.52 ug/L	513113	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	59
2			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	50
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
4			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	47
5			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026146.D
 Acq On : 08 Jun 2023 21:06
 Operator : SY/MD
 Sample : VIBLK466
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK466

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.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...	14.379	3.3	ug/L	306048	3	13.556	2323850	25.0
1-Methyldecahyd...	14.543	1.7	ug/L	156723	3	13.556	2323850	25.0
(DEL) Alkane: C...	14.793	1.5	ug/L	142233	3	13.556	2323850	25.0
Disparlure	14.848	1.8	ug/L	164342	3	13.556	2323850	25.0
(DEL) Alkane: C...	15.190	2.4	ug/L	218970	3	13.556	2323850	25.0
Cyclohexane, 1,...	15.257	4.2	ug/L	393656	3	13.556	2323850	25.0
(DEL) Alkane: S...	15.318	13.5	ug/L	1255690	3	13.556	2323850	25.0
unknown-01	15.385	1.8	ug/L	167070	3	13.556	2323850	25.0
Benzene, 1,3-bi...	15.433	3.0	ug/L	273974	3	13.556	2323850	25.0
unknown-02	15.500	1.5	ug/L	142829	3	13.556	2323850	25.0
Pentadecafluoro...	15.574	3.2	ug/L	298521	3	13.556	2323850	25.0
(DEL) Alkane: S...	15.616	1.5	ug/L	141968	3	13.556	2323850	25.0
Carbonic acid, ...	15.665	1.3	ug/L	121634	3	13.556	2323850	25.0
unknown-03	15.720	2.9	ug/L	270241	3	13.556	2323850	25.0
(DEL) Alkane: C...	16.208	4.6	ug/L	425449	3	13.556	2323850	25.0
(DEL) Alkane: S...	16.275	27.7	ug/L	2572940	3	13.556	2323850	25.0
1-Octanol, 2-bu...	16.531	5.4	ug/L	505438	3	13.556	2323850	25.0
Oxalic acid, cy...	16.659	5.5	ug/L	513113	3	13.556	2323850	25.0