

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021907.D
 Acq On : 14 Jan 2022 12:28
 Operator : SY/VA
 Sample : N1115-17
 Misc : 6.32g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLS7

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\SFAMWLM011122SMA.M
 Title : SFAM01.0

Signal : TIC: VW021907.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.628	930	939	957	rVB2	104687	317485	2.91%	0.176%
2	7.921	981	987	999	rVV4	32469	124295	1.14%	0.069%
3	8.037	999	1006	1016	rVB3	45054	125377	1.15%	0.069%
4	8.153	1016	1025	1033	rBV	44844	102293	0.94%	0.057%
5	8.275	1037	1045	1064	rVB3	59659	256123	2.35%	0.142%
6	8.512	1073	1084	1091	rVB4	102978	284236	2.61%	0.157%
7	8.695	1104	1114	1127	rVB3	51346	141756	1.30%	0.079%
8	8.836	1127	1137	1148	rBV2	139779	379956	3.48%	0.210%
9	9.073	1168	1176	1182	rBV	132431	269511	2.47%	0.149%
10	9.274	1200	1209	1213	rBV2	55467	131735	1.21%	0.073%
11	9.329	1213	1218	1224	rVV3	108103	235017	2.15%	0.130%
12	9.756	1281	1288	1298	rVB2	59169	122607	1.12%	0.068%
13	9.896	1298	1311	1316	rBV2	85774	205025	1.88%	0.114%
14	9.957	1316	1321	1325	rBV	95313	173099	1.59%	0.096%
15	10.098	1337	1344	1355	rVB2	117350	276939	2.54%	0.153%
16	10.323	1374	1381	1385	rBV	171037	328263	3.01%	0.182%
17	10.506	1404	1411	1418	rVB4	57886	141205	1.29%	0.078%
18	10.664	1432	1437	1444	rBV2	63845	126028	1.16%	0.070%
19	10.756	1444	1452	1458	rBV4	74685	220273	2.02%	0.122%
20	10.847	1462	1467	1472	rVB	89169	161253	1.48%	0.089%
21	10.933	1472	1481	1486	rBV3	160997	376028	3.45%	0.208%
22	11.000	1486	1492	1493	rBV2	87253	133192	1.22%	0.074%
23	11.030	1493	1497	1506	rVB2	175901	388351	3.56%	0.215%
24	11.110	1506	1510	1513	rBV4	88691	155318	1.42%	0.086%
25	11.183	1517	1522	1526	rBV2	157205	267555	2.45%	0.148%
26	11.231	1526	1530	1534	rBV	134555	204912	1.88%	0.113%
27	11.274	1534	1537	1543	rVB3	98592	169731	1.56%	0.094%
28	11.335	1543	1547	1551	rBV	220576	341546	3.13%	0.189%
29	11.408	1551	1559	1570	rVB2	653553	1853061	16.99%	1.026%
30	11.512	1570	1576	1586	rBV	736957	1319779	12.10%	0.731%
31	11.634	1587	1596	1601	rBV3	139502	333728	3.06%	0.185%
32	11.725	1602	1611	1616	rBV	707532	1295204	11.87%	0.717%
33	11.841	1620	1630	1631	rBV3	350038	852815	7.82%	0.472%
34	11.872	1631	1635	1639	rVB	578126	861071	7.89%	0.477%
35	11.914	1639	1642	1647	rVB2	426026	688045	6.31%	0.381%
36	11.975	1647	1652	1653	rBV	94174	135478	1.24%	0.075%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Title : SFAM01.0

37	12.061	1659	1666	1671	rVB3	583766	1058673	9.71%	0.586%
38	12.134	1671	1678	1684	rBV3	1536016	3425234	31.40%	1.897%
39	12.189	1684	1687	1690	rVB2	278168	346306	3.17%	0.192%
40	12.250	1690	1697	1702	rVB	1996059	3402777	31.20%	1.884%
41	12.335	1702	1711	1712	rBV4	1190433	2572454	23.58%	1.425%
42	12.365	1713	1716	1723	rVB2	1216131	2771399	25.41%	1.535%
43	12.463	1726	1732	1736	rBV	3719673	6324449	57.98%	3.502%
44	12.506	1736	1739	1742	rBV4	468235	688059	6.31%	0.381%
45	12.542	1742	1745	1755	rVB	2126334	3774021	34.60%	2.090%
46	12.621	1755	1758	1759	rBV3	193177	184887	1.70%	0.102%
47	12.652	1759	1763	1766	rVB	1114574	1391873	12.76%	0.771%
48	12.701	1766	1771	1775	rBV5	586444	925196	8.48%	0.512%
49	12.780	1775	1784	1792	rVB4	1585600	5092492	46.69%	2.820%
50	12.859	1792	1797	1800	rBV3	871285	1669215	15.30%	0.924%
51	12.938	1800	1810	1815	rBV4	2863050	7105767	65.15%	3.935%
52	12.993	1815	1819	1824	rVB4	1533234	2567910	23.54%	1.422%
53	13.079	1828	1833	1836	rBV2	1894092	3119952	28.60%	1.728%
54	13.127	1837	1841	1843	rBV3	1373801	1840735	16.88%	1.019%
55	13.164	1843	1847	1855	rVB	8089007	10907410	100.00%	6.040%
56	13.249	1855	1861	1865	rVB2	1762123	3481380	31.92%	1.928%
57	13.292	1865	1868	1873	rVB	1910270	2433415	22.31%	1.348%
58	13.347	1873	1877	1879	rBV	1288795	1885339	17.28%	1.044%
59	13.377	1880	1882	1884	rBV2	457127	409147	3.75%	0.227%
60	13.414	1884	1888	1889	rBV	1304076	1578385	14.47%	0.874%
61	13.444	1890	1893	1897	rVB3	3100288	4098013	37.57%	2.269%
62	13.487	1897	1900	1903	rBV2	3585601	3894134	35.70%	2.157%
63	13.518	1903	1905	1908	rVB	1988726	2042019	18.72%	1.131%
64	13.554	1908	1911	1914	rVB2	1405049	1710883	15.69%	0.947%
65	13.597	1914	1918	1920	rBV2	2174158	3294963	30.21%	1.825%
66	13.701	1929	1935	1939	rBV5	873794	2245520	20.59%	1.244%
67	13.749	1939	1943	1947	rVV	1946128	2963934	27.17%	1.641%
68	13.798	1947	1951	1959	rVB3	1615203	3543202	32.48%	1.962%
69	13.877	1959	1964	1968	rBV3	3938135	6503633	59.63%	3.602%
70	13.920	1968	1971	1973	rBV	744626	857150	7.86%	0.475%
71	13.981	1978	1981	1983	rVV3	1183704	1757022	16.11%	0.973%
72	14.036	1983	1990	1995	rVV3	2752643	7042284	64.56%	3.900%
73	14.091	1995	1999	2003	rVB	3104778	4458147	40.87%	2.469%
74	14.194	2011	2016	2021	rBV4	2264143	3917636	35.92%	2.170%
75	14.261	2021	2027	2033	rVV7	1526959	3815248	34.98%	2.113%
76	14.347	2037	2041	2043	rVV3	1294564	2252652	20.65%	1.248%

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77	14.383	2043	2047	2051	rVV2	3872581	7141454	65.47%	3.955%
78	14.420	2051	2053	2056	rVV2	2275753	3032273	27.80%	1.679%
79	14.450	2056	2058	2062	rVV	1650488	2358695	21.62%	1.306%
80	14.493	2062	2065	2069	rVV	2619595	3861829	35.41%	2.139%
81	14.542	2070	2073	2079	rVV4	1184664	2381016	21.83%	1.319%
82	14.597	2080	2082	2085	rVV3	433484	636206	5.83%	0.352%
83	14.639	2085	2089	2093	rVB	954922	1482384	13.59%	0.821%
84	14.700	2093	2099	2100	rBV4	494657	859991	7.88%	0.476%
85	14.725	2100	2103	2108	rVB	1026815	1540632	14.12%	0.853%
86	14.786	2108	2113	2117	rBV3	1869797	3587706	32.89%	1.987%
87	14.834	2118	2121	2129	rVB2	1521690	3530958	32.37%	1.955%
88	14.969	2141	2143	2146	rBV3	140293	173484	1.59%	0.096%
89	15.011	2146	2150	2153	rVV3	262497	552592	5.07%	0.306%
90	15.060	2153	2158	2169	rVV3	1244884	3035129	27.83%	1.681%
91	15.170	2171	2176	2184	rVV6	771012	1941605	17.80%	1.075%
92	15.243	2184	2188	2195	rVB5	653665	1555082	14.26%	0.861%
93	15.316	2195	2200	2205	rBV	1197767	2054157	18.83%	1.138%
94	15.462	2220	2224	2228	rBV3	289674	436903	4.01%	0.242%
95	15.651	2247	2255	2261	rBV4	542421	1383362	12.68%	0.766%
96	15.725	2263	2267	2273	rVB5	267405	499836	4.58%	0.277%
97	15.938	2299	2302	2307	rVB3	163849	269367	2.47%	0.149%
98	16.133	2330	2334	2336	rBV4	141070	234307	2.15%	0.130%
99	16.273	2353	2357	2364	rVB2	187388	349698	3.21%	0.194%
100	16.633	2411	2416	2429	rVB2	278331	823421	7.55%	0.456%

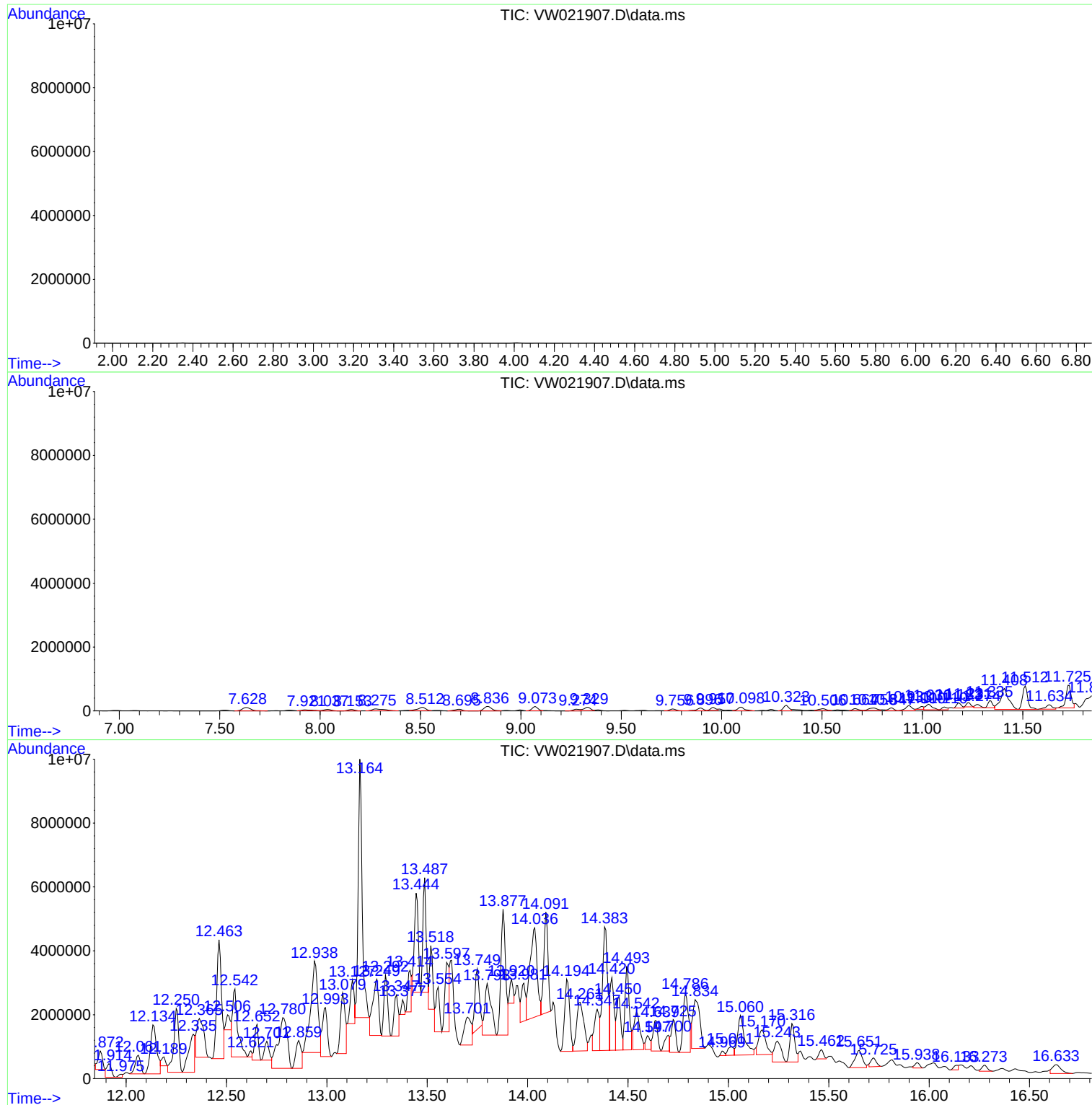
Sum of corrected areas: 180573292

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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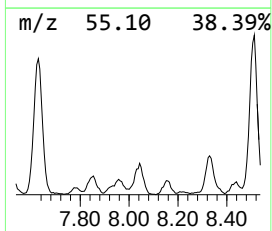
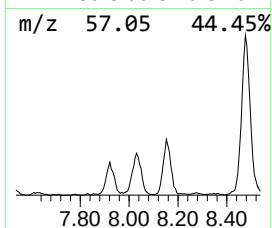
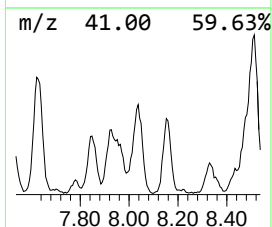
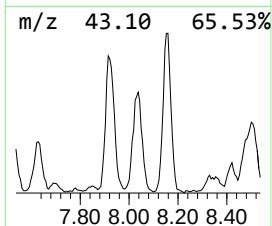
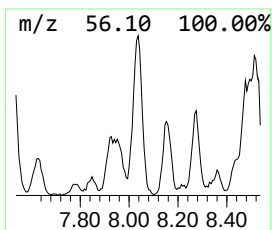
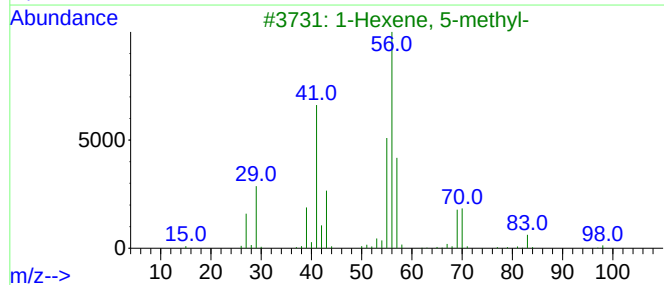
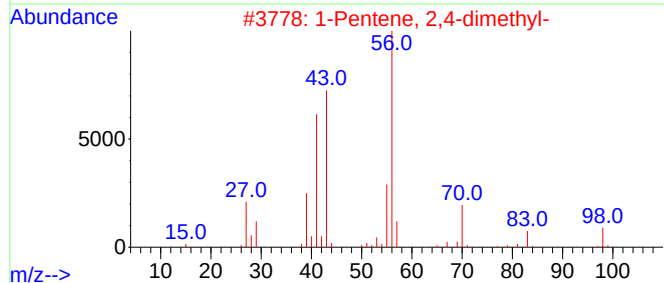
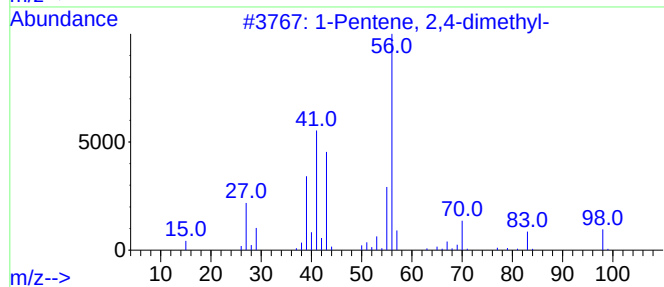
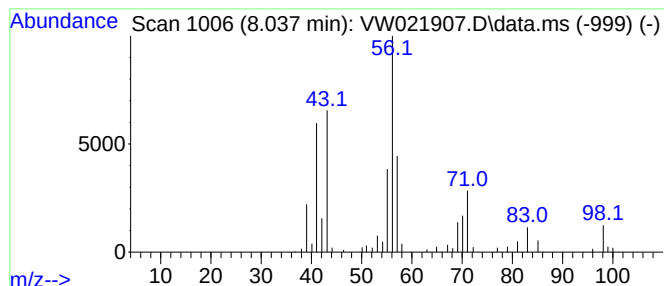
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	8.25 ug/L	125377	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	64
2		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	64
3		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	59
4		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	58
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	58



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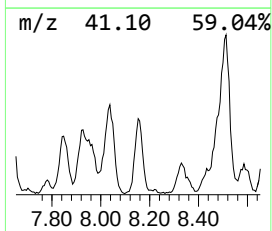
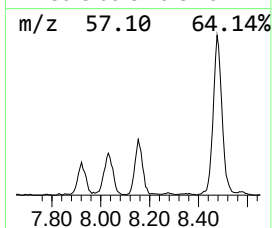
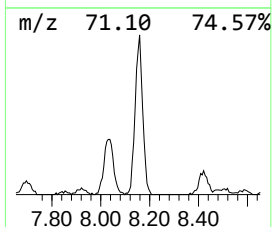
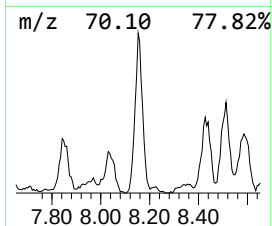
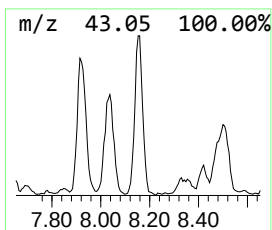
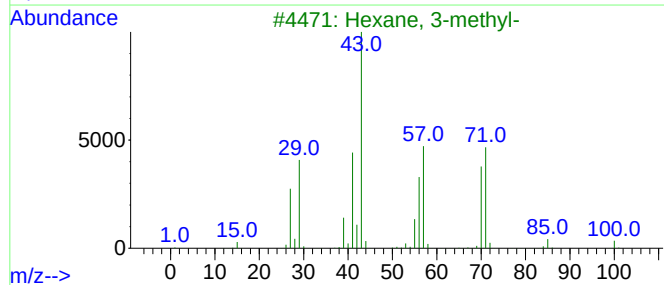
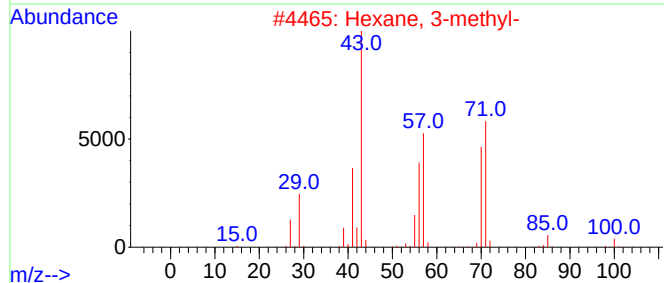
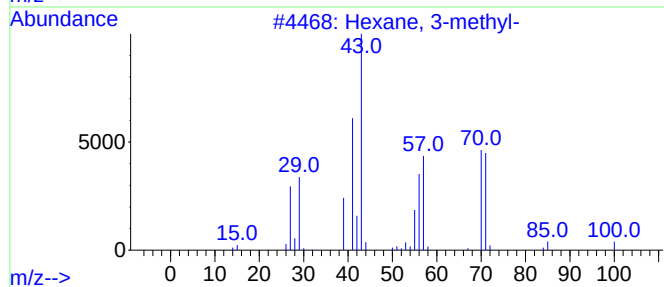
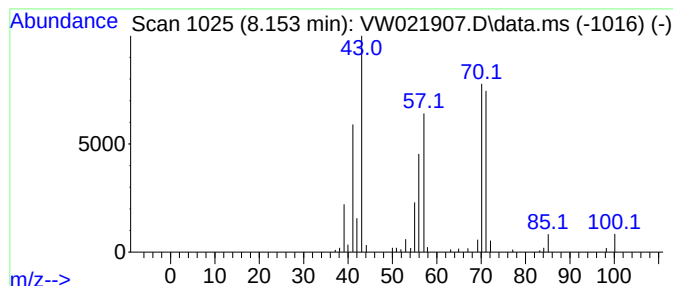
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	6.73 ug/L	102293	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5		Heptane	100	C7H16	000142-82-5	62



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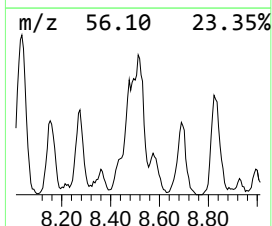
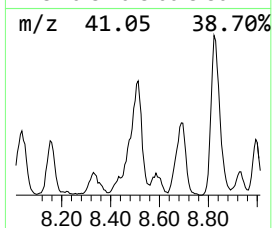
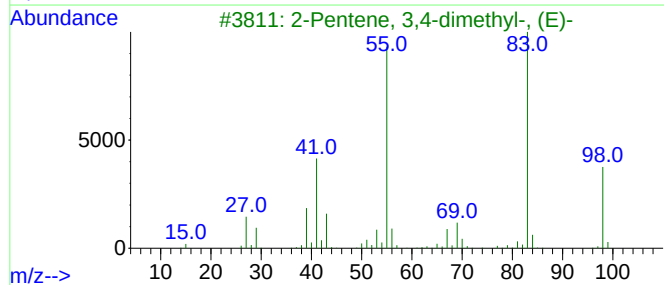
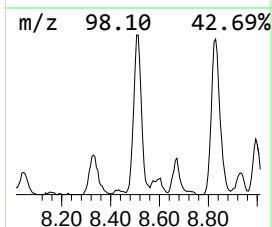
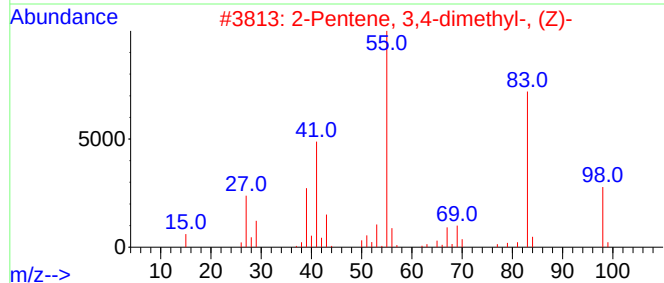
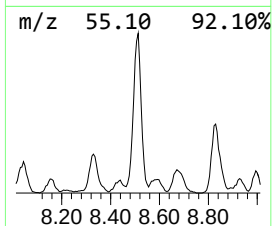
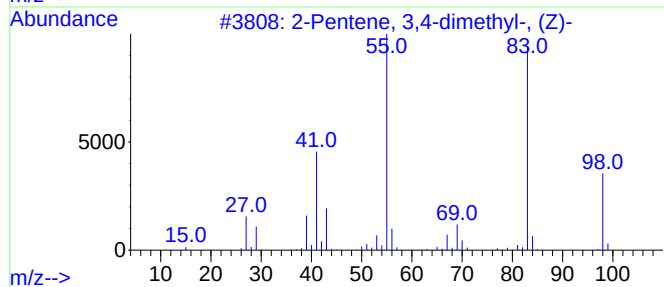
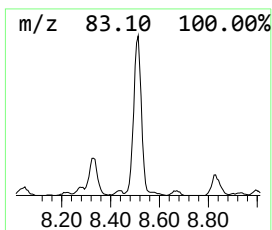
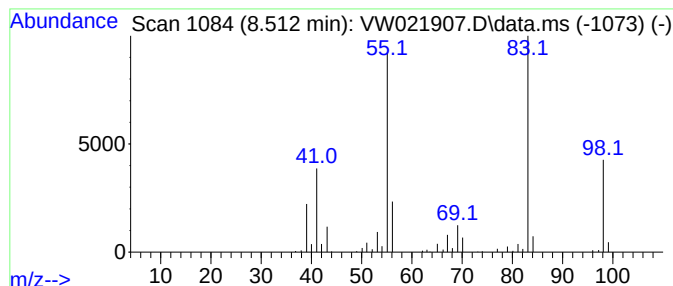
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.512	18.70 ug/L	284236	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90	
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90	
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90	
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	87	
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	87	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

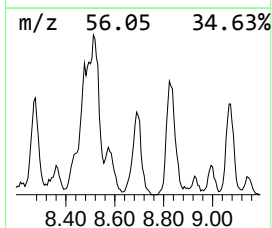
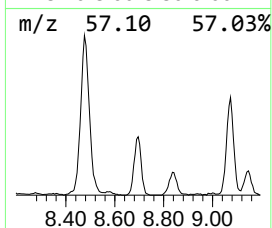
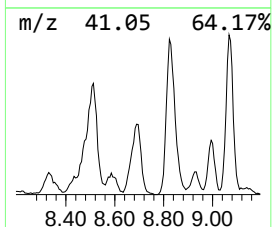
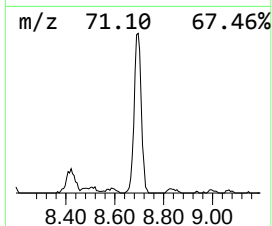
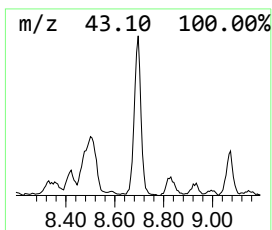
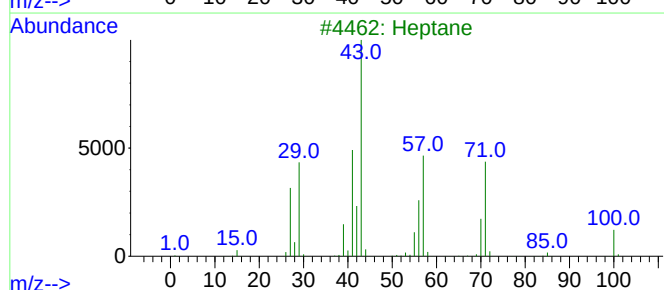
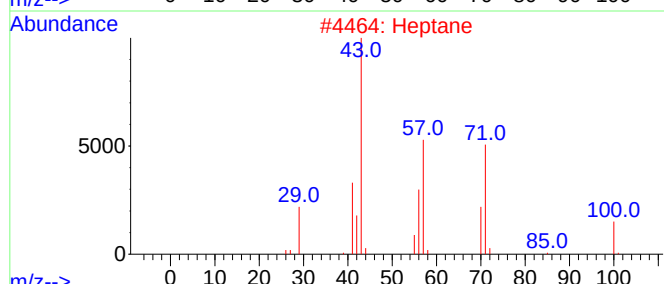
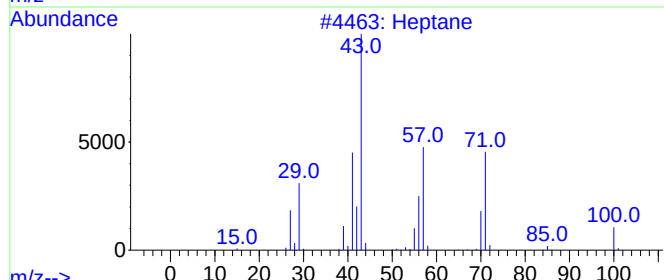
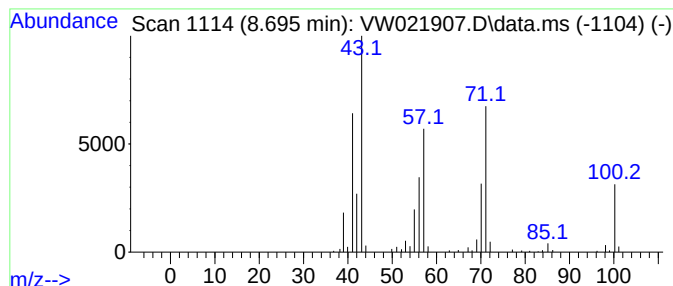
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	9.33 ug/L	141756	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	86
2	Heptane			100	C7H16	000142-82-5	78
3	Heptane			100	C7H16	000142-82-5	64
4	Heptane			100	C7H16	000142-82-5	64
5	Oxalic acid, isobutyl pentyl ester			216	C11H20O4	1000309-37-0	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

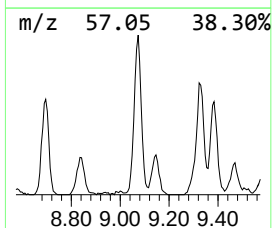
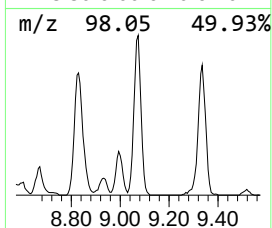
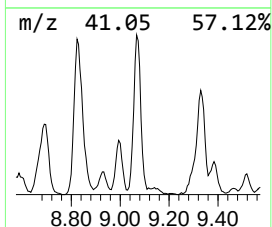
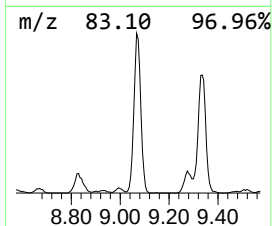
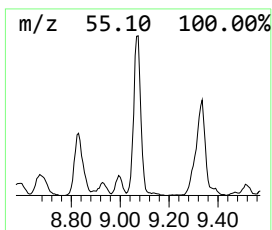
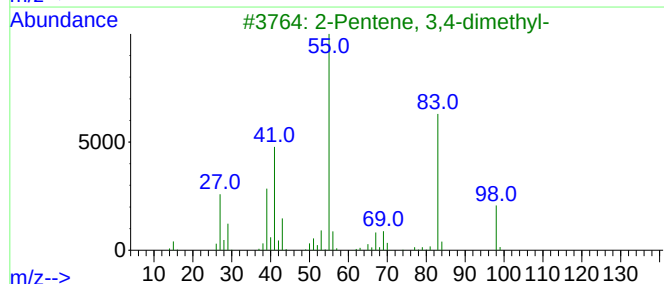
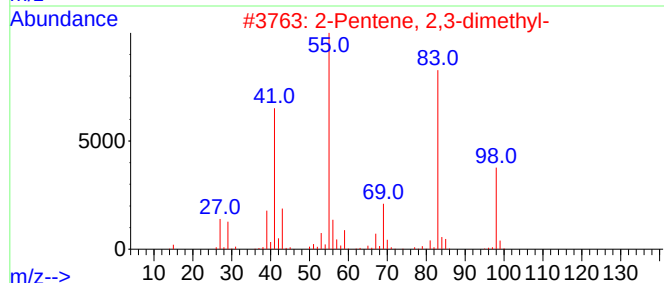
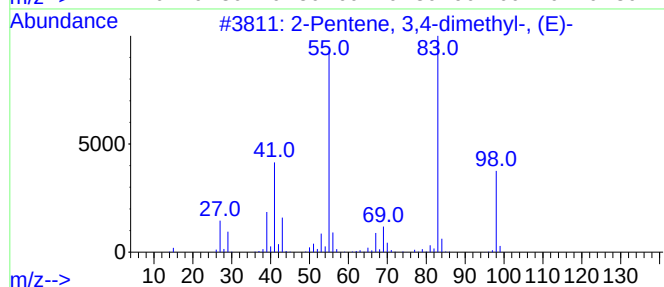
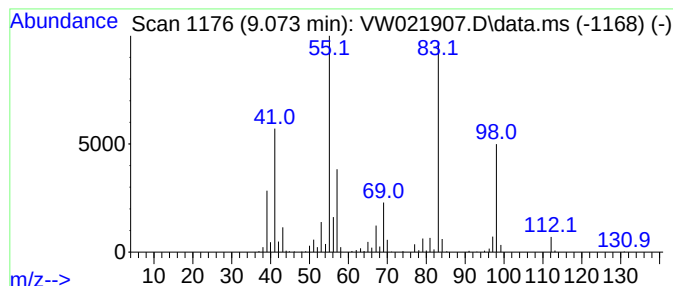
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	17.73 ug/L	269511	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-			98	C7H14	004914-92-5	90
2	2-Pentene, 2,3-dimethyl-			98	C7H14	010574-37-5	90
3	2-Pentene, 3,4-dimethyl-			98	C7H14	024910-63-2	87
4	2-Pentene, 2,3-dimethyl-			98	C7H14	010574-37-5	87
5	2-Pentene, 3,4-dimethyl-, (Z)-			98	C7H14	004914-91-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

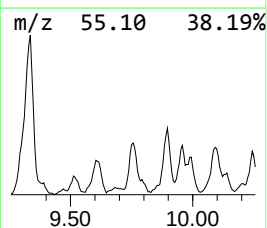
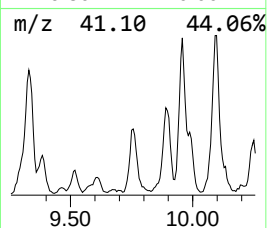
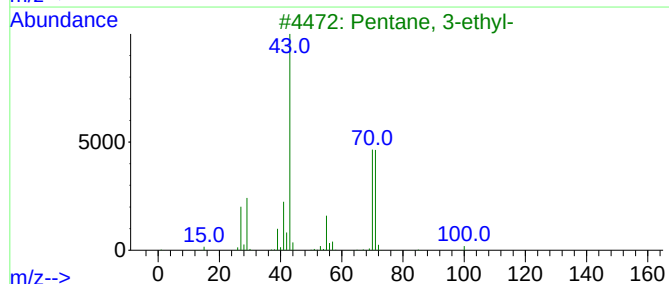
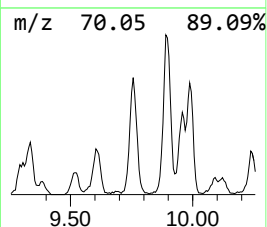
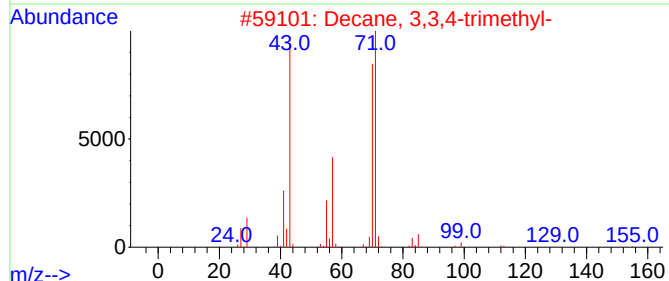
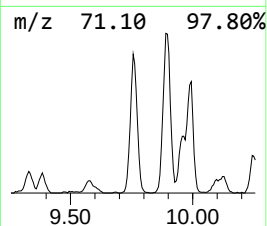
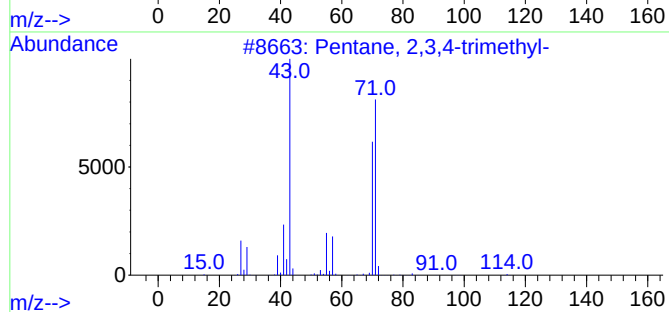
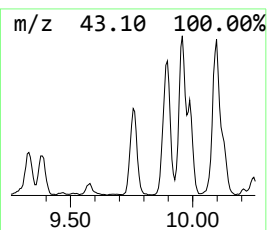
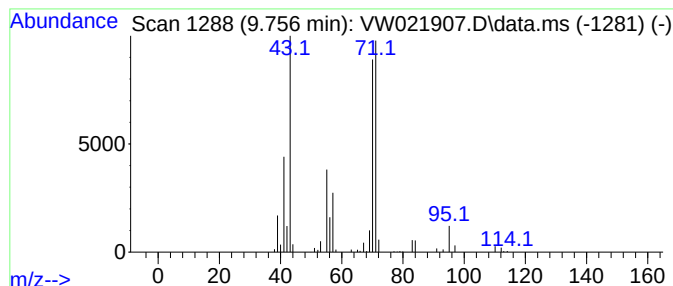
Instrument :
MSVOA_W
ClientSampleId :
BGLS7

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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.756	8.07 ug/L	122607	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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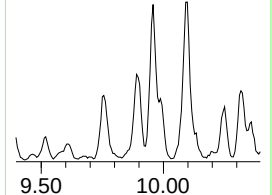
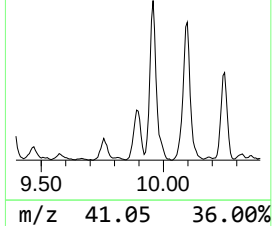
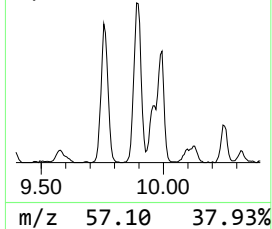
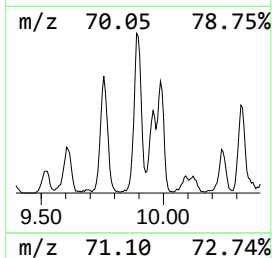
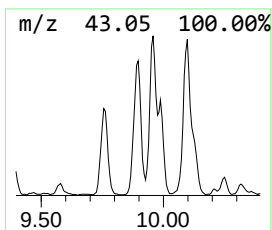
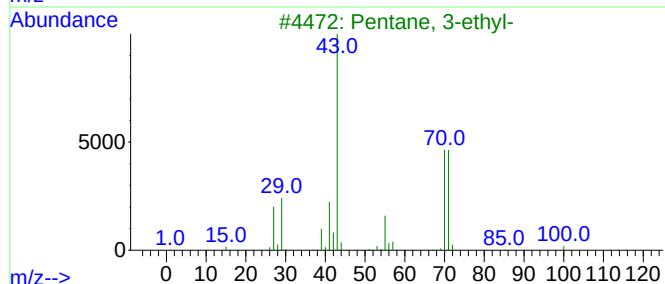
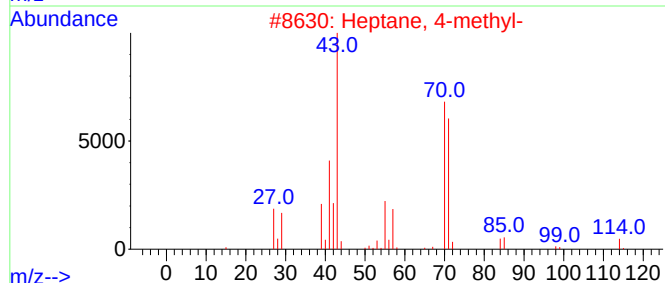
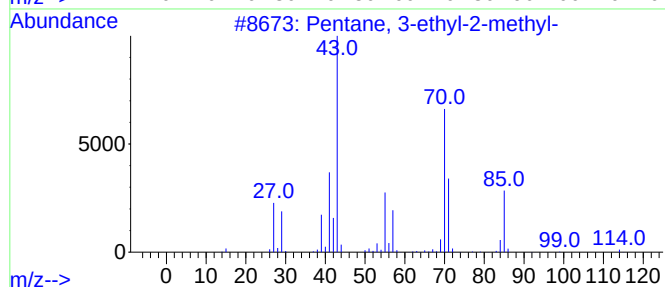
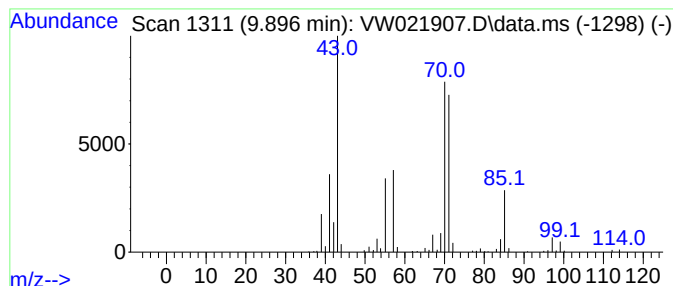
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	13.49 ug/L	205025	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	74
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	72
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
5		Diisooamyl ether	158	C10H22O	000544-01-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

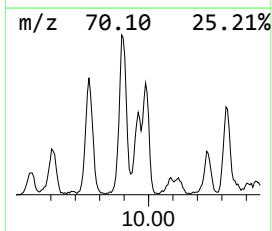
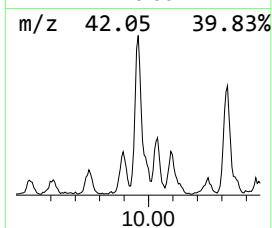
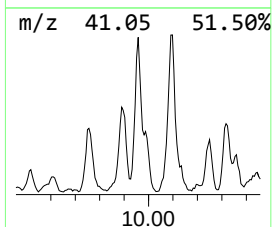
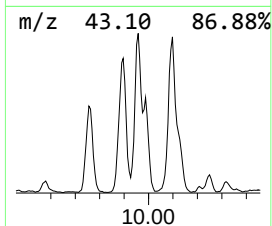
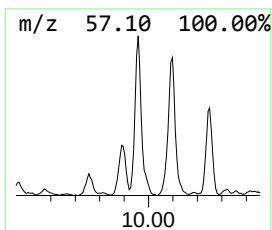
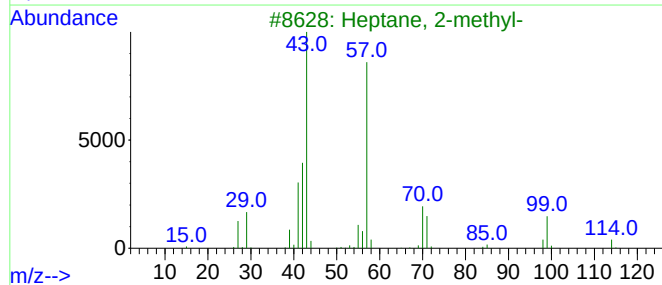
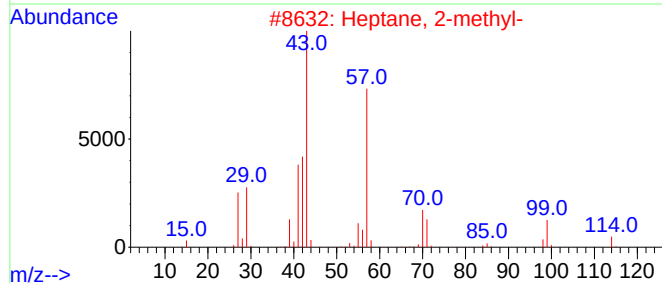
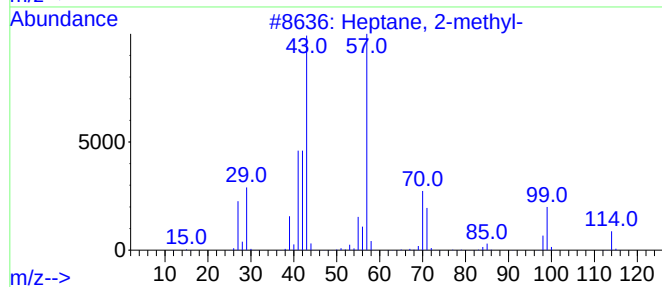
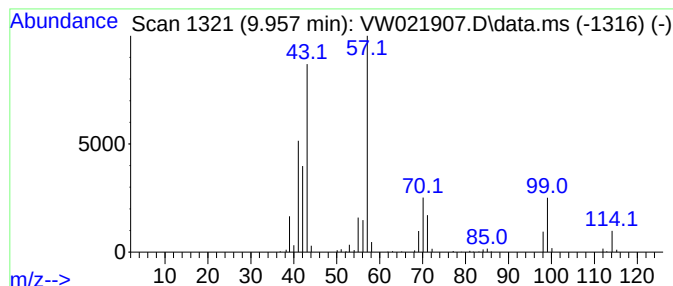
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	11.39 ug/L	173099	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	86
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
5		2-Piperidinone	99	C5H9NO	000675-20-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

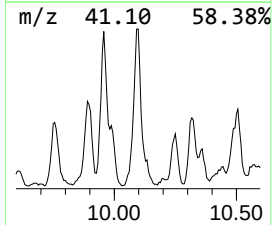
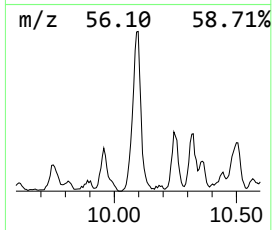
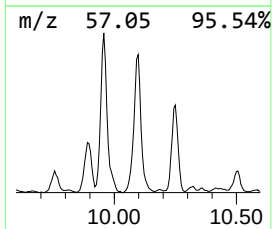
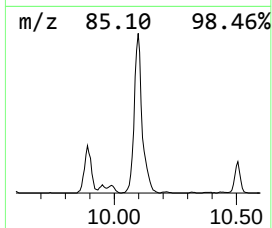
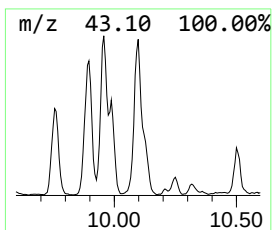
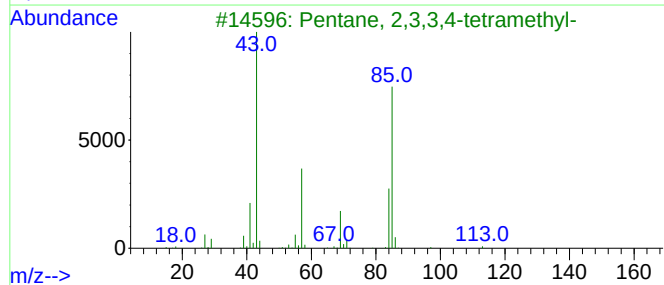
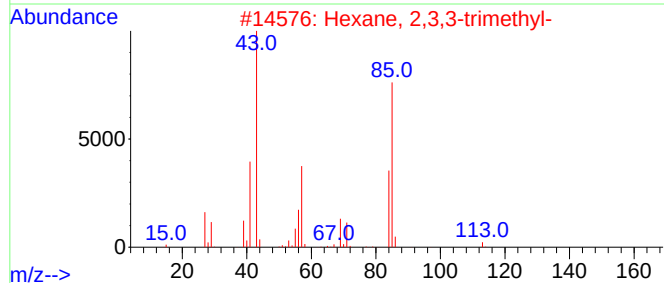
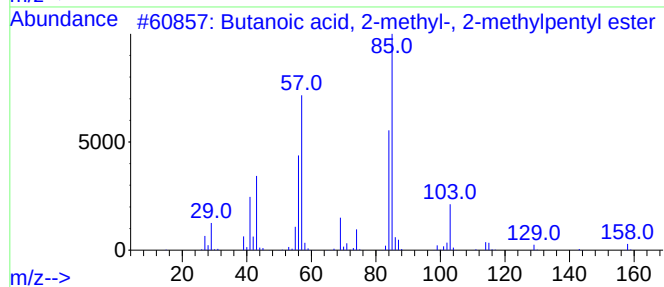
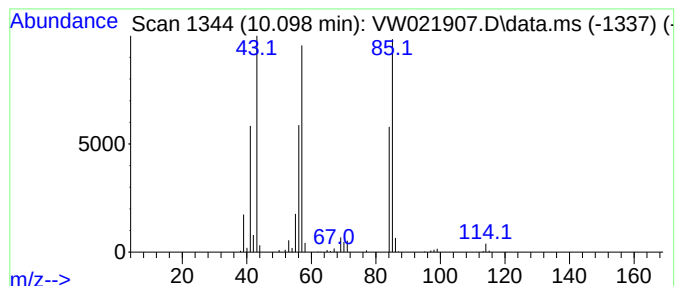
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Quant Title : SFAM01.0

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

Peak Number 9 Butanoic acid, 2-methyl-, 2... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	18.22 ug/L	276939	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
2			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
3			Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	59
4			Heptane, 3-methyl-	114	C8H18	000589-81-1	58
5			Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

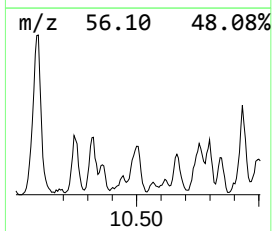
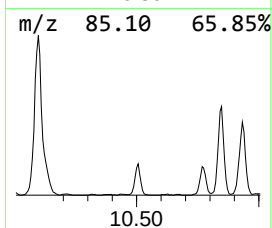
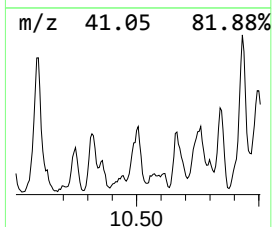
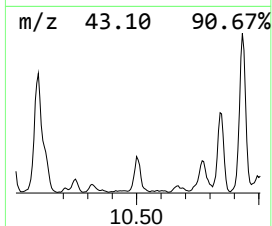
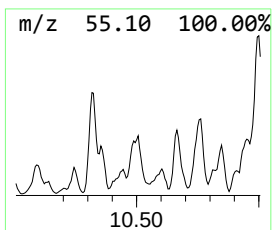
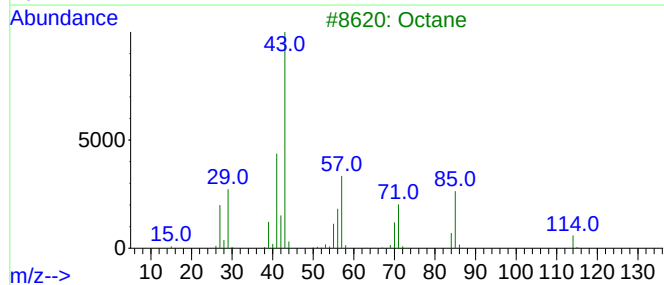
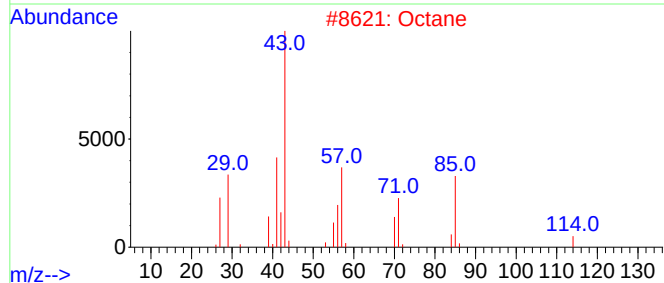
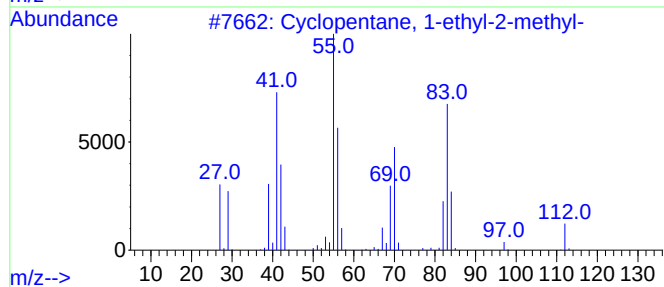
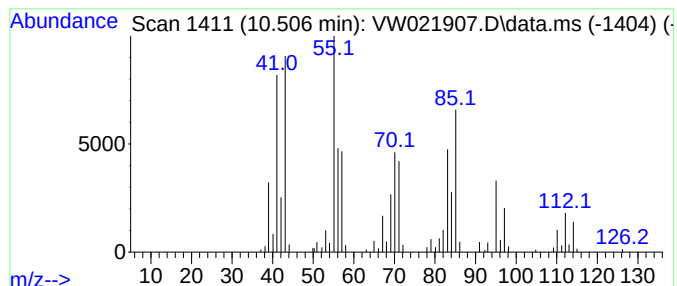
Instrument :
MSVOA_W
ClientSampleId :
BGLS7

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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic10.506 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.506	10.58 ug/L	141205	Chlorobenzene-d5	11.628	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	46
2	Octane	114	C8H18	000111-65-9	43
3	Octane	114	C8H18	000111-65-9	43
4	4-Octene, (Z)-	112	C8H16	007642-15-1	38
5	2-Octene	112	C8H16	000111-67-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

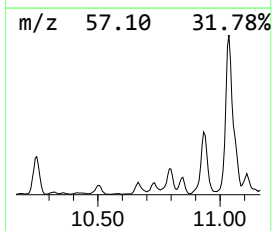
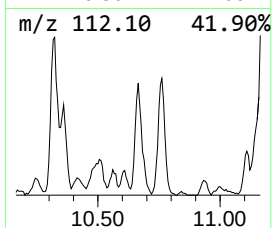
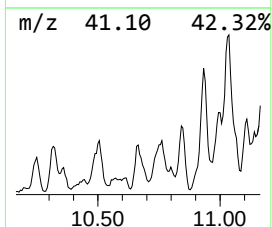
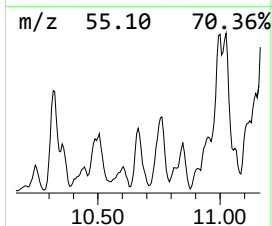
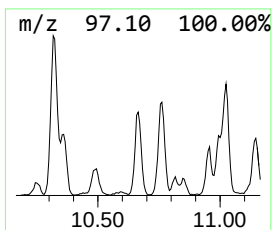
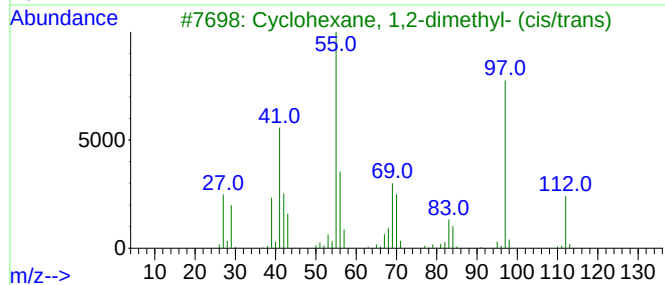
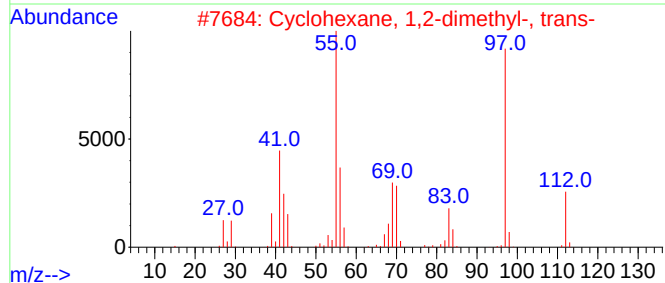
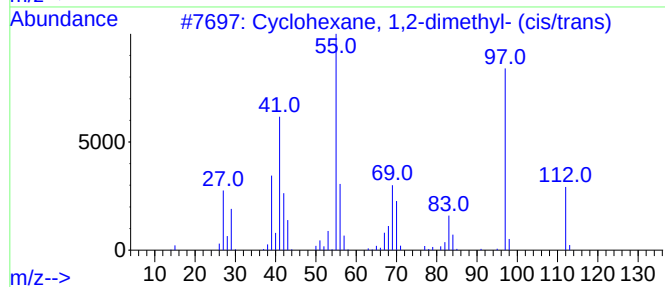
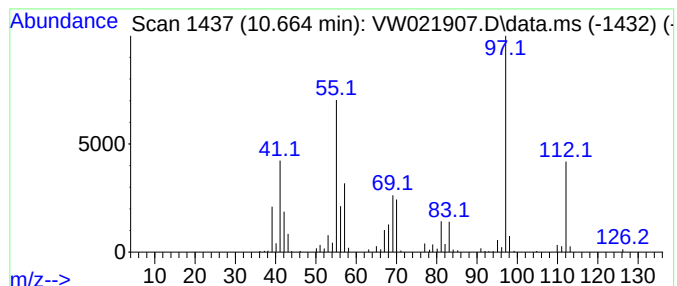
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic10.665 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	9.44 ug/L	126028	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	83
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

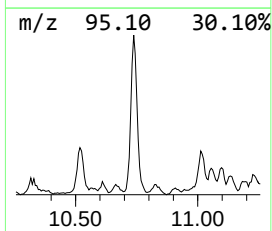
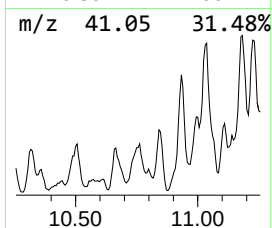
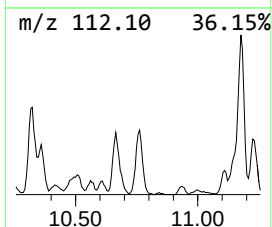
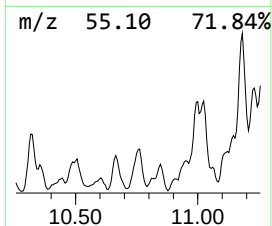
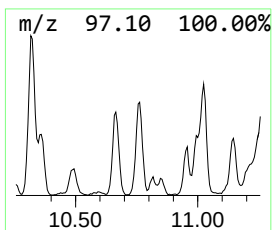
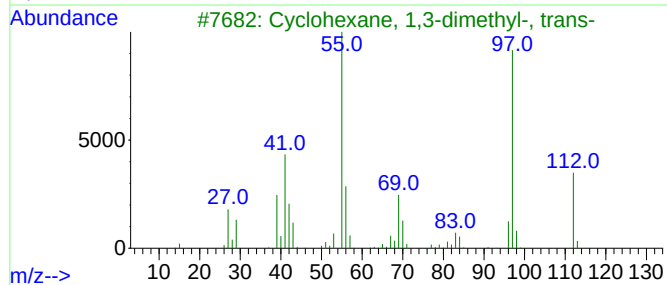
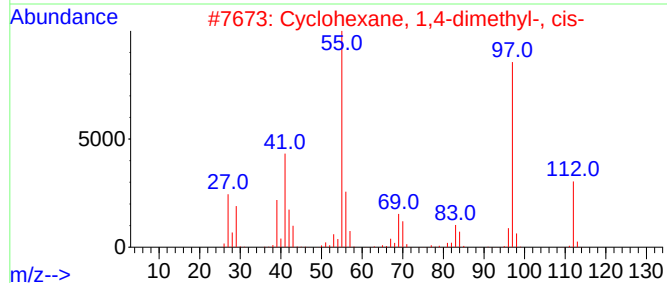
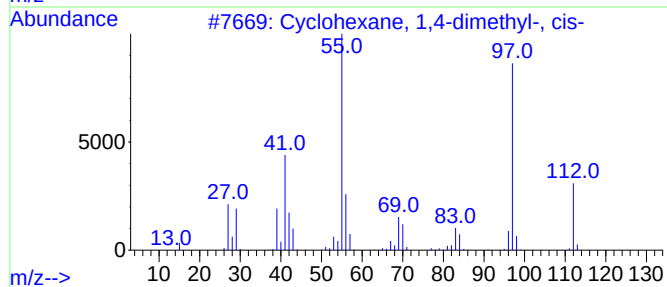
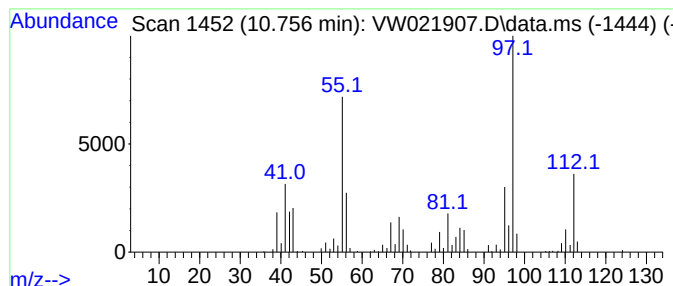
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic10.756 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.756	16.50 ug/L	220273	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	76
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	76
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

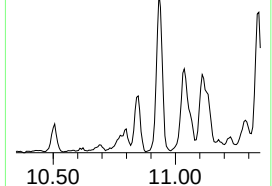
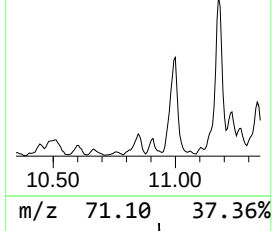
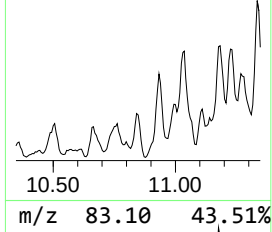
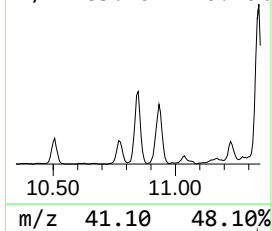
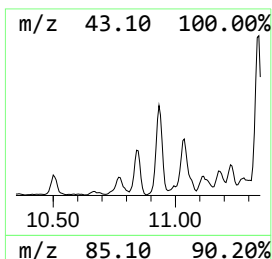
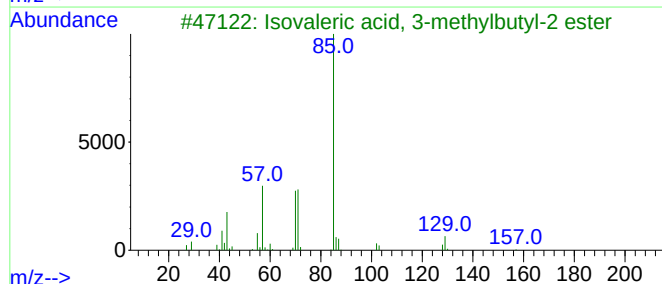
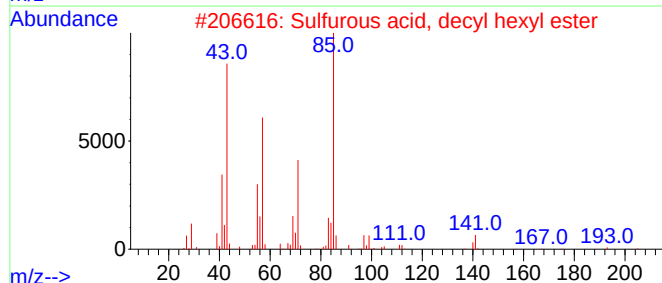
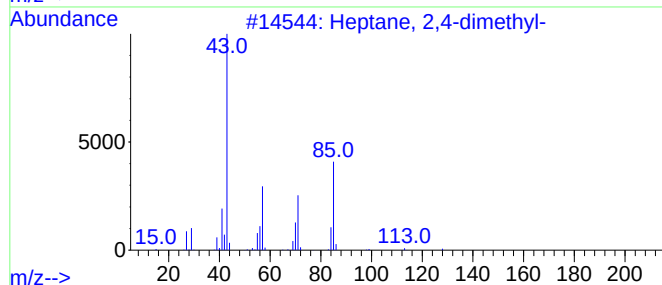
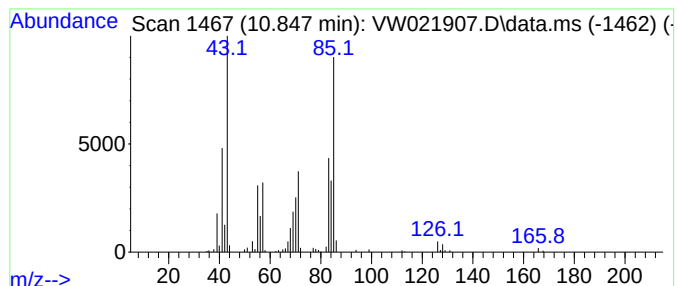
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	12.08 ug/L	161253	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
2			Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	50
3			Isovaleric acid, 3-methylbutyl-2...	172	C10H20O2	1000360-64-9	47
4			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	43
5			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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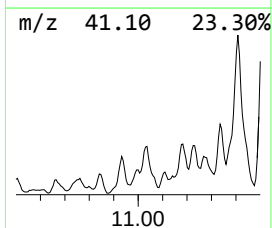
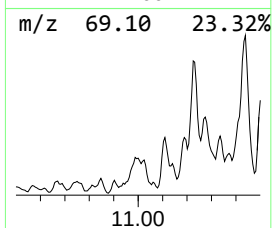
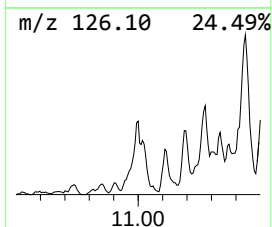
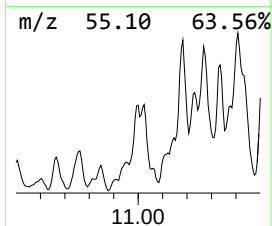
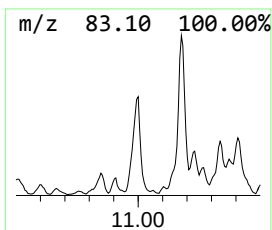
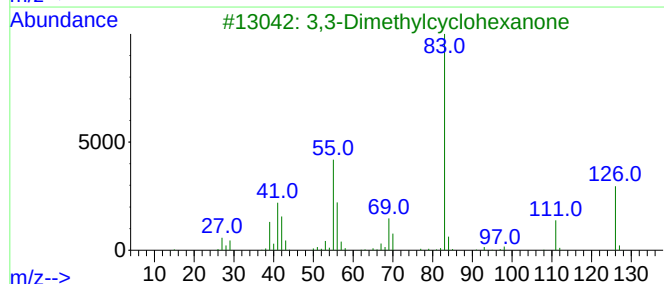
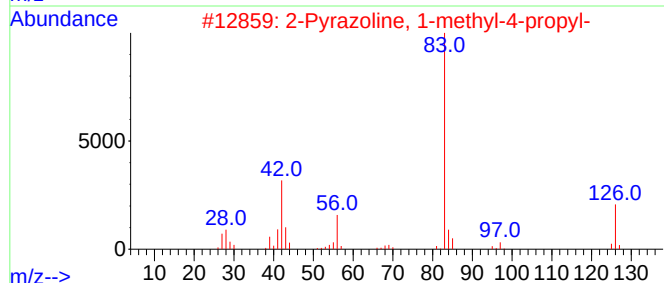
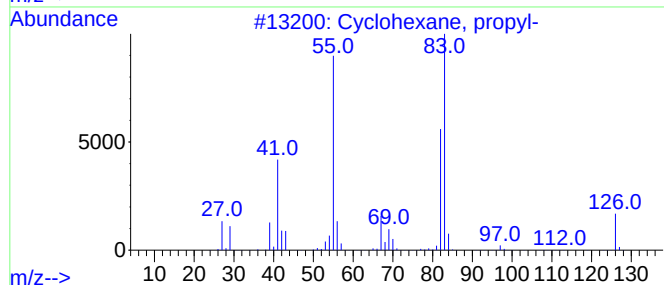
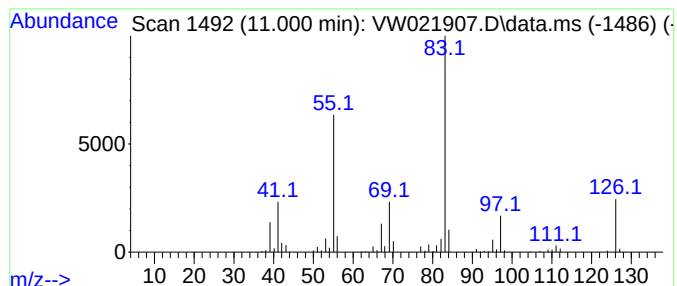
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic11.000 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.000	9.98 ug/L	133192	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2			2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	64
3			3,3-Dimethylcyclohexanone	126	C8H14O	002979-19-3	64
4			4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	59
5			trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

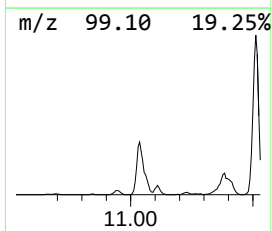
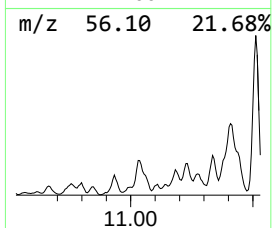
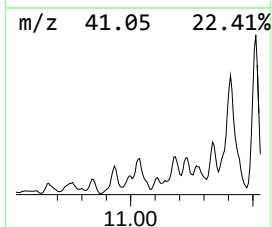
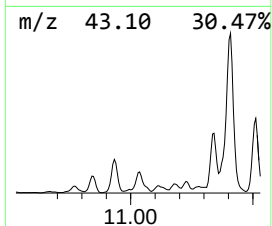
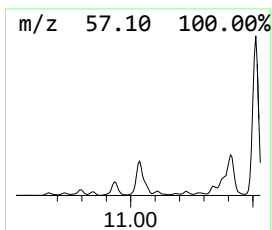
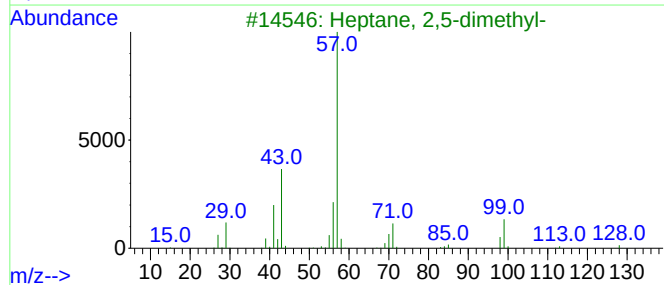
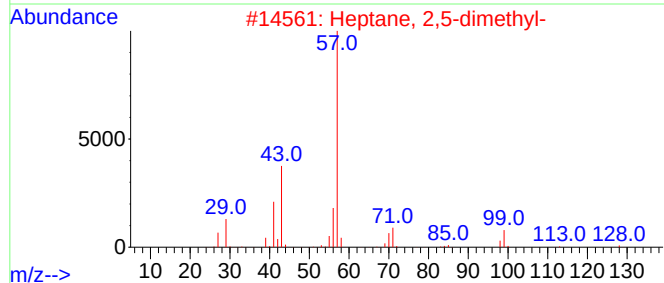
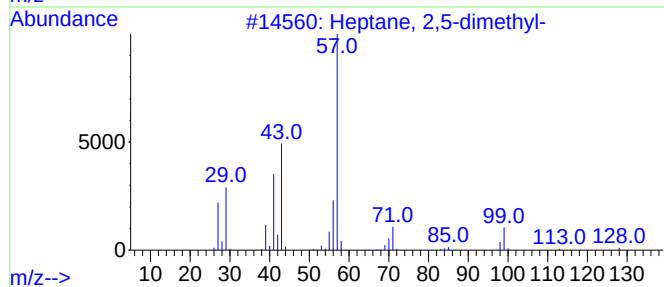
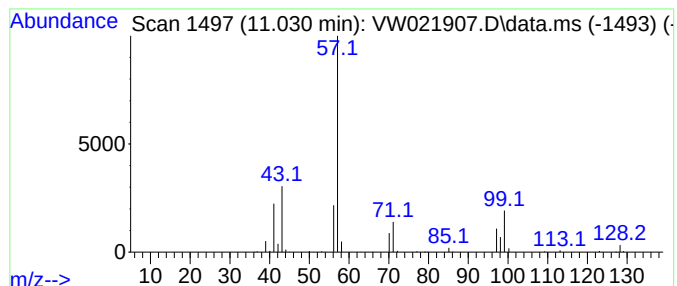
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	29.09 ug/L	388351	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

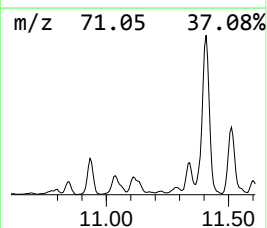
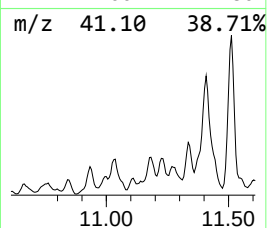
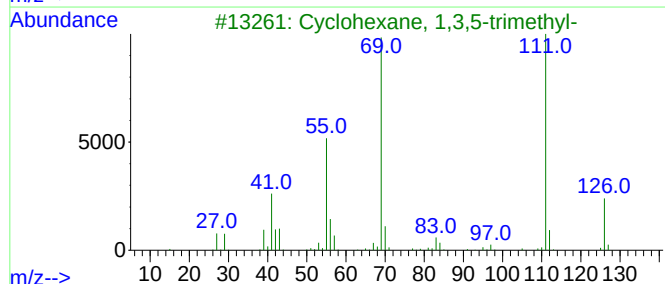
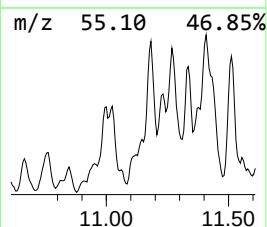
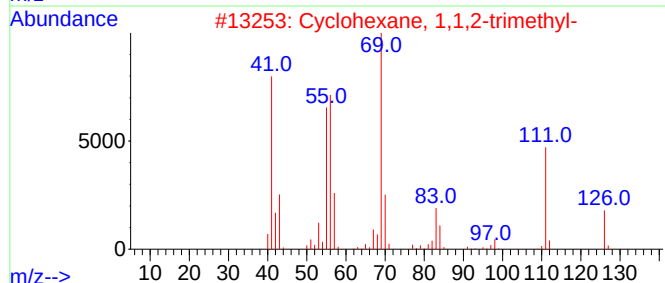
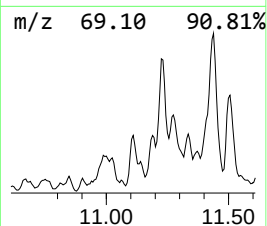
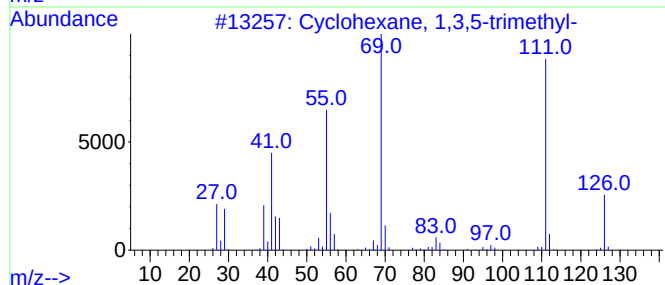
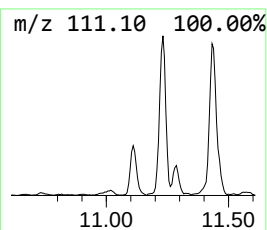
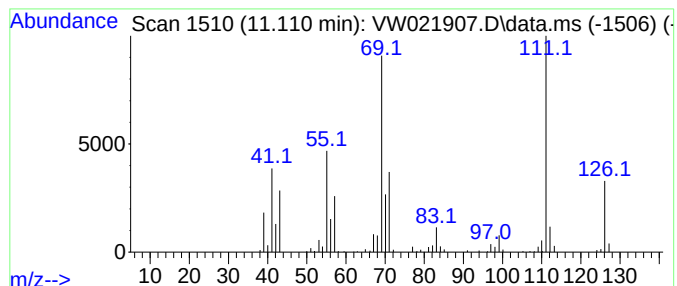
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.110 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	11.64 ug/L	155318	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	83
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

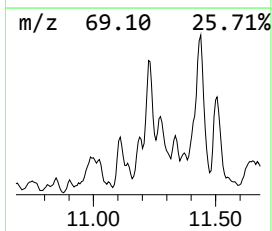
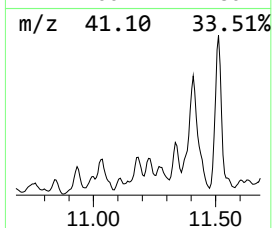
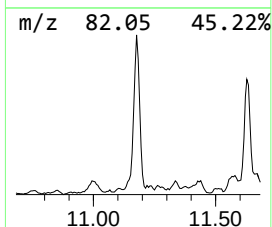
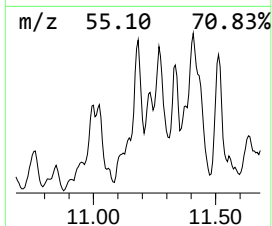
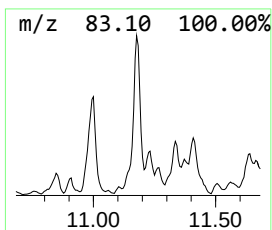
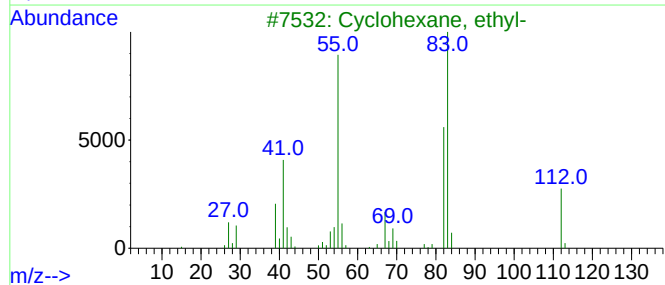
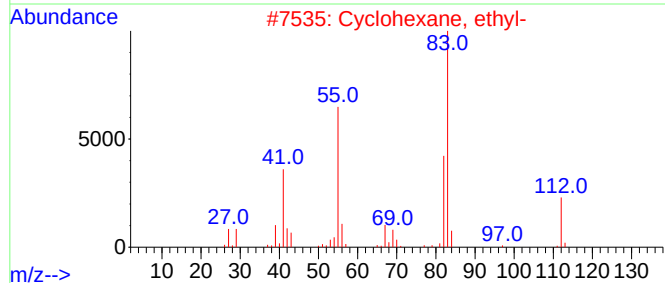
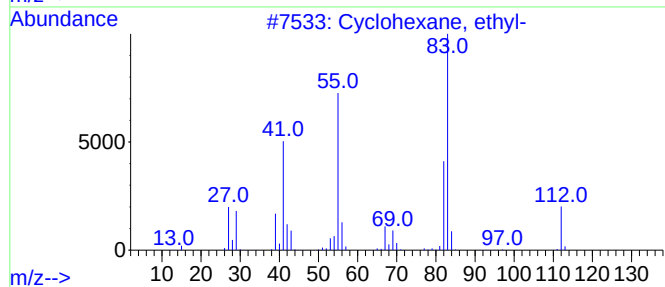
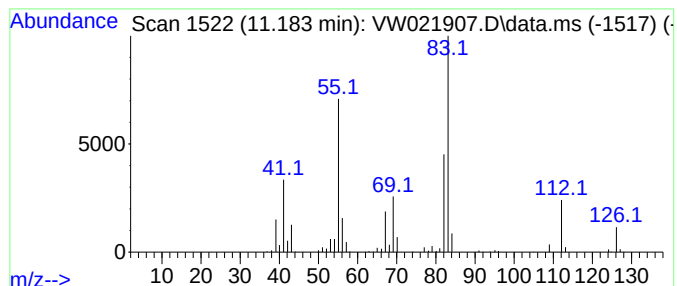
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.183 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	20.04 ug/L	267555	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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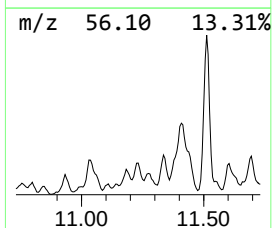
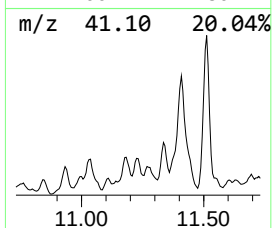
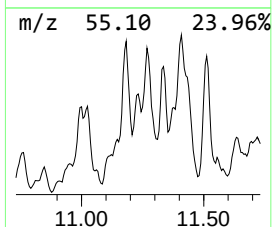
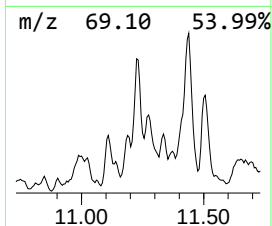
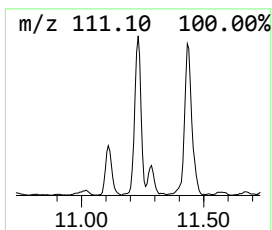
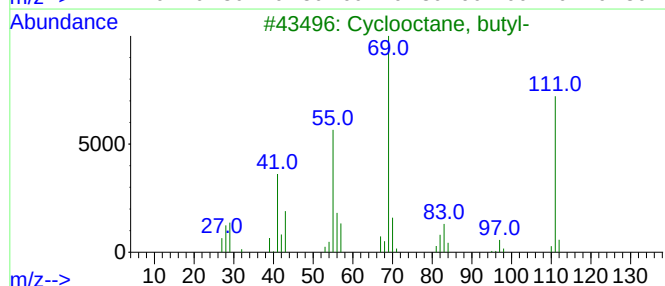
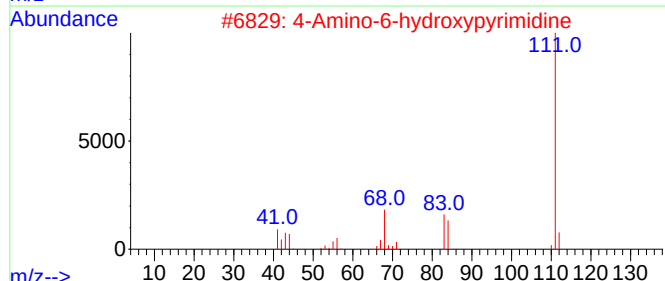
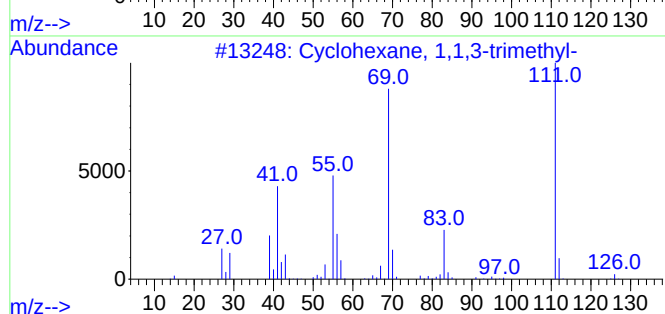
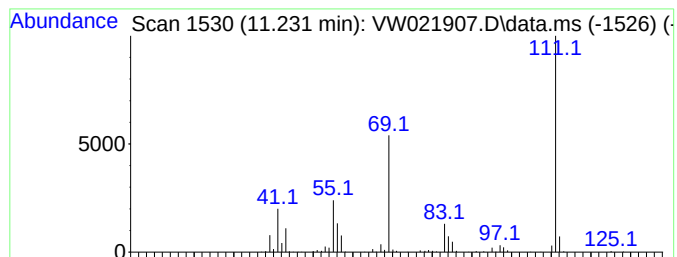
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic11.232 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	15.35 ug/L	204912	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	64
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	64
4			2-Fluoro-6-methylpyridine	111	C6H6FN	000407-22-7	59
5			5-Amino-1-methyl-2-piperidinone,...	170	C8H14N2O2	1000470-12-3	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

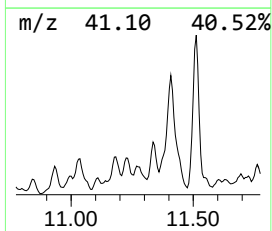
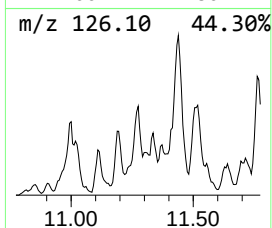
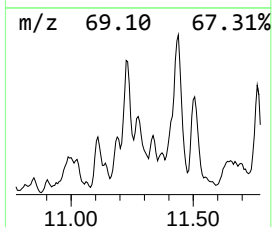
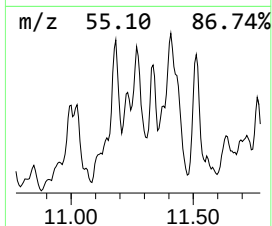
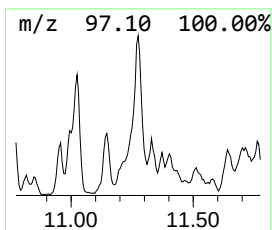
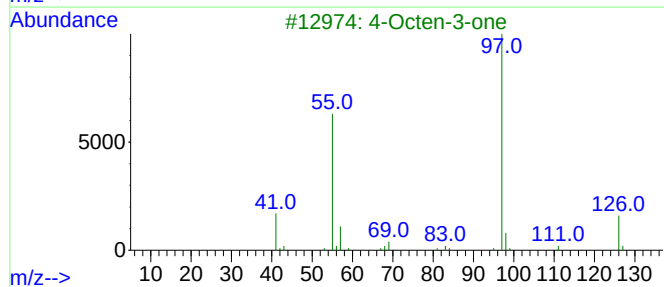
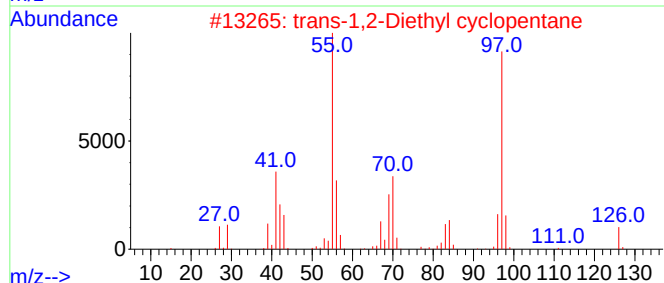
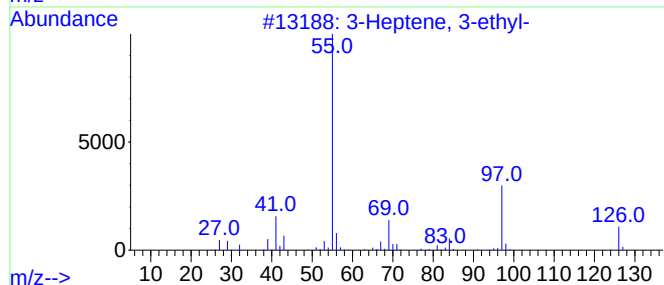
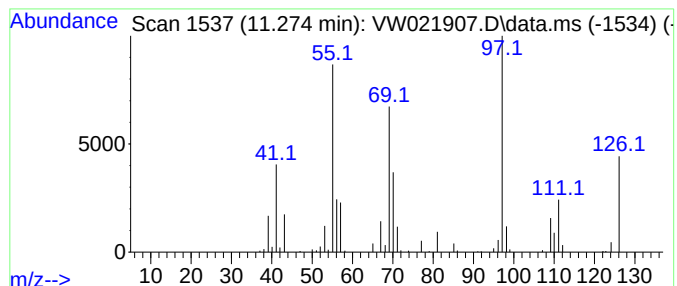
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	12.71 ug/L	169731	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	53
2		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	50
3		4-Octen-3-one	126	C8H14O	014129-48-7	50
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

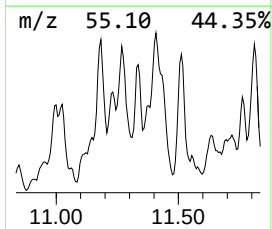
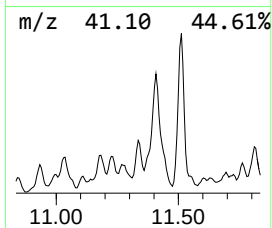
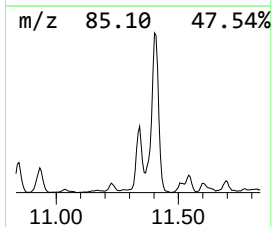
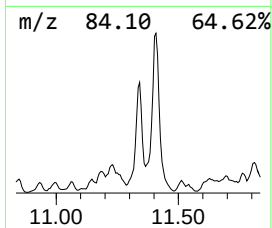
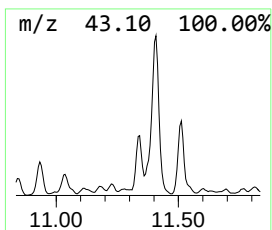
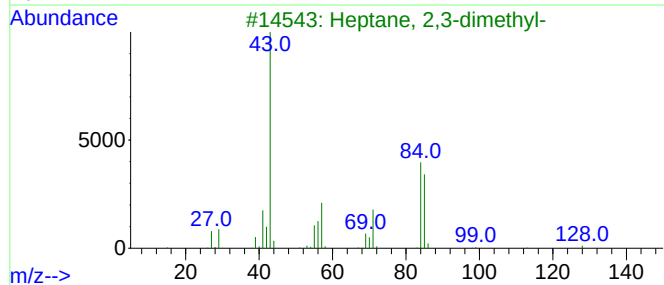
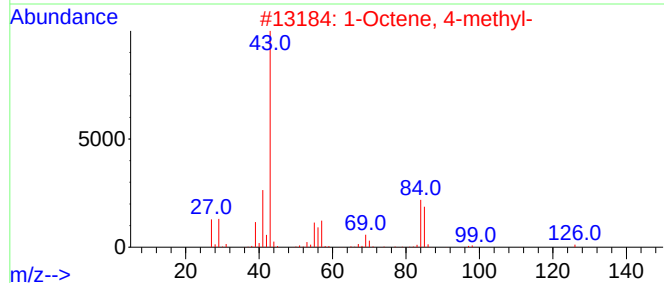
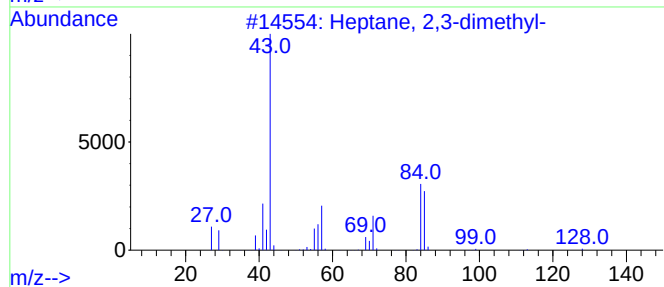
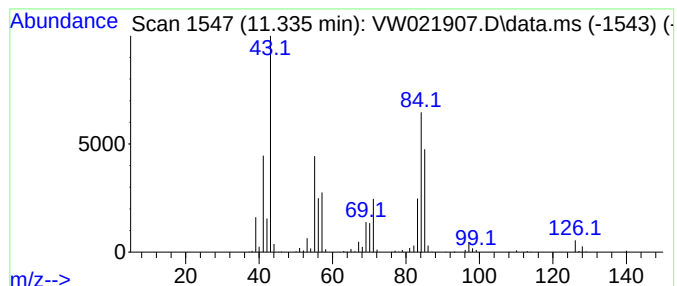
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	25.59 ug/L	341546	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
2			1-Octene, 4-methyl-	126	C9H18	013151-12-7	62
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

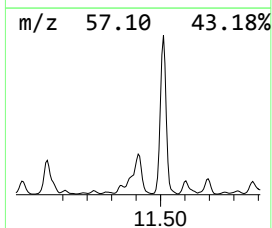
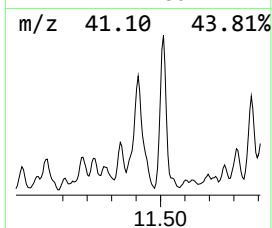
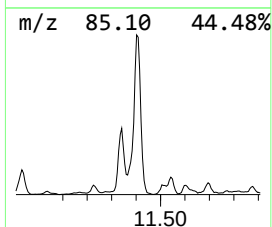
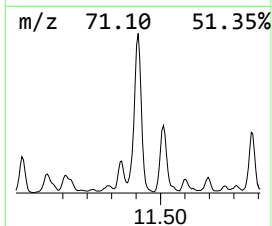
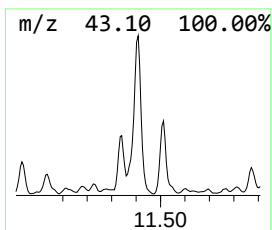
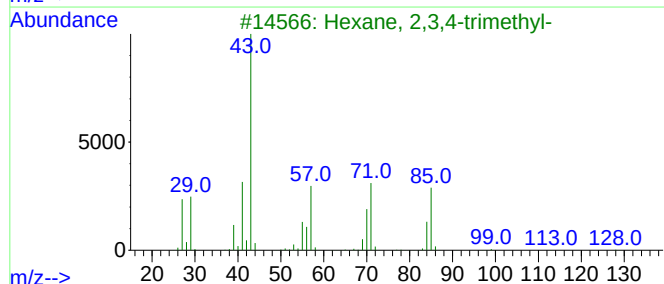
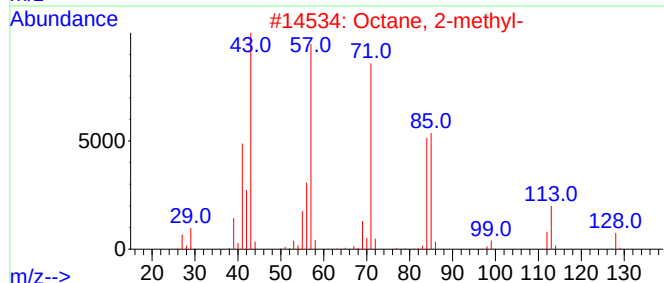
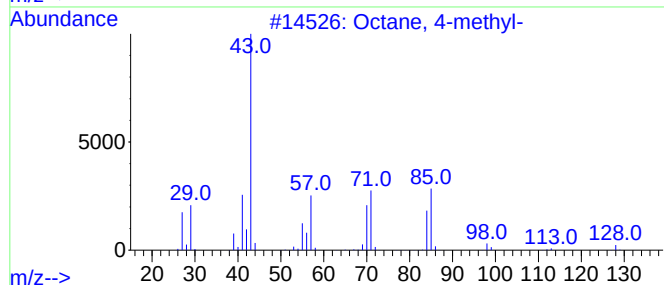
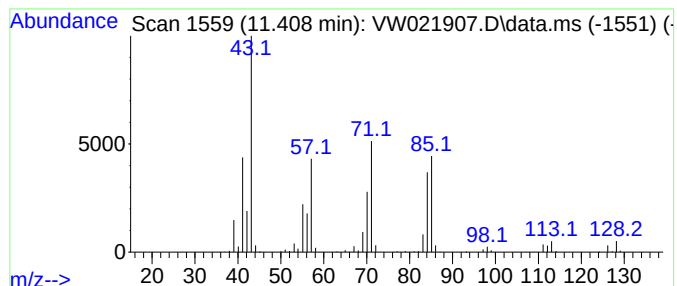
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	138.82 ug/L	1853060	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	72
2	Octane, 2-methyl-			128	C9H20	003221-61-2	68
3	Hexane, 2,3,4-trimethyl-			128	C9H20	000921-47-1	64
4	Octane, 4-methyl-			128	C9H20	002216-34-4	64
5	Hexane, 2,3,4-trimethyl-			128	C9H20	000921-47-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

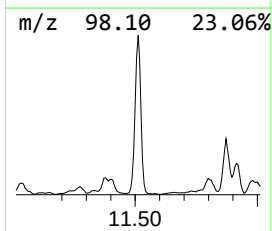
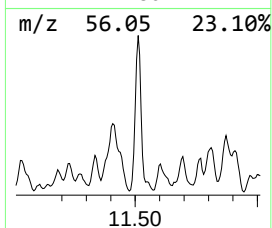
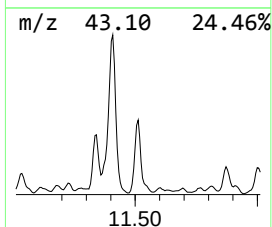
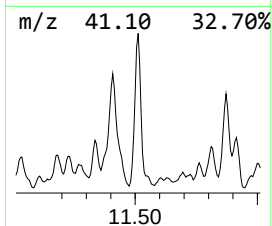
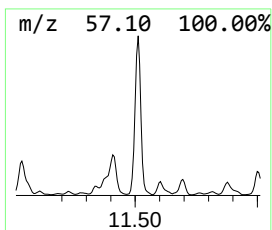
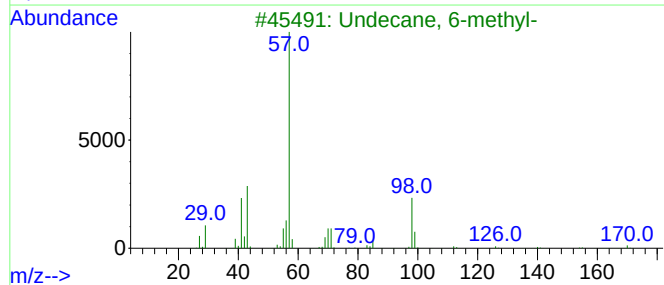
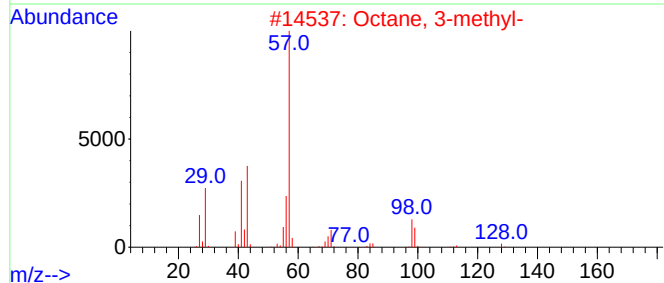
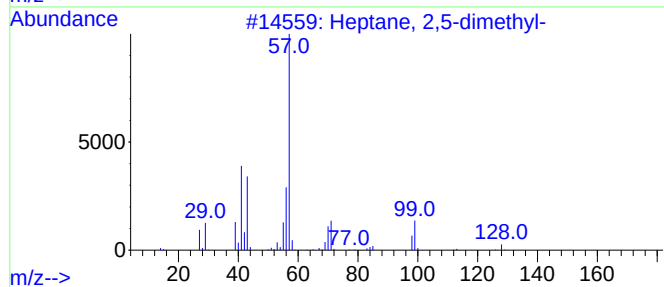
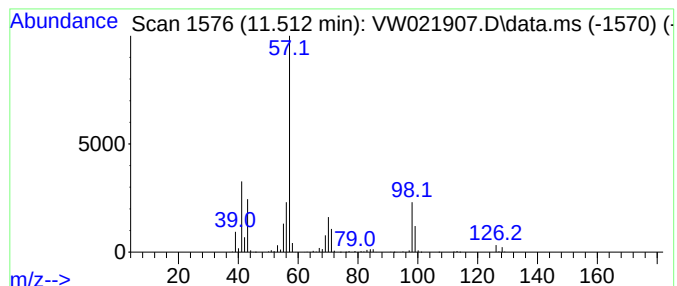
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	98.87 ug/L	1319780	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2			Octane, 3-methyl-	128	C9H20	002216-33-3	72
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4			Octane, 3-methyl-	128	C9H20	002216-33-3	64
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

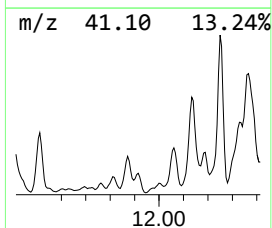
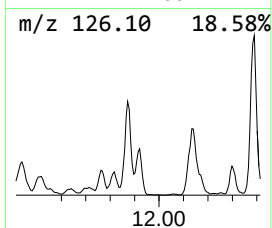
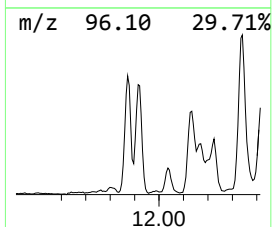
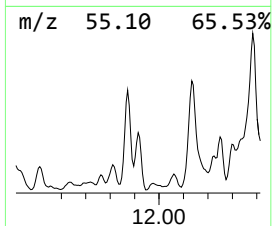
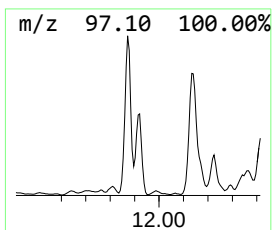
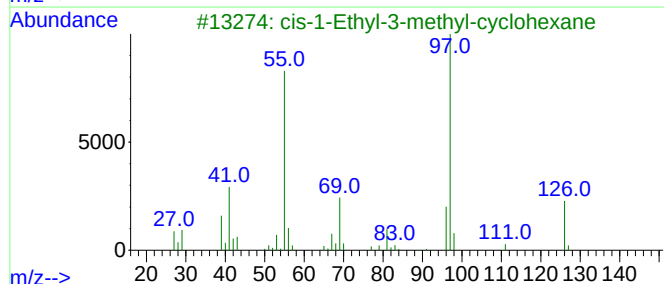
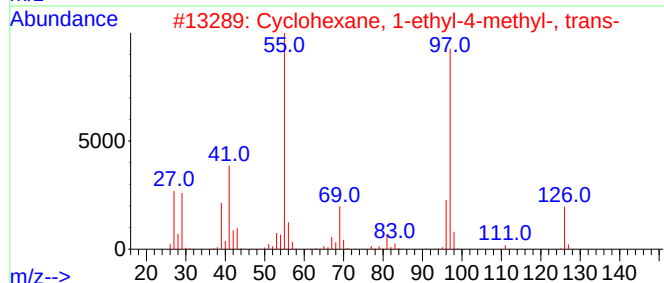
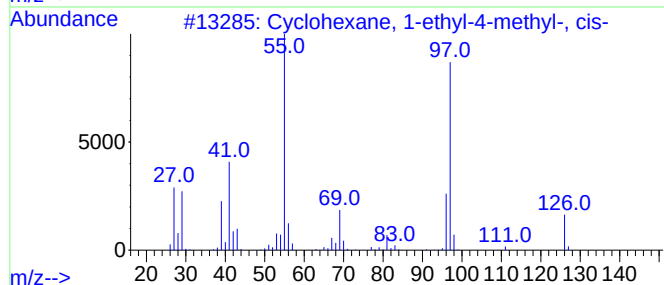
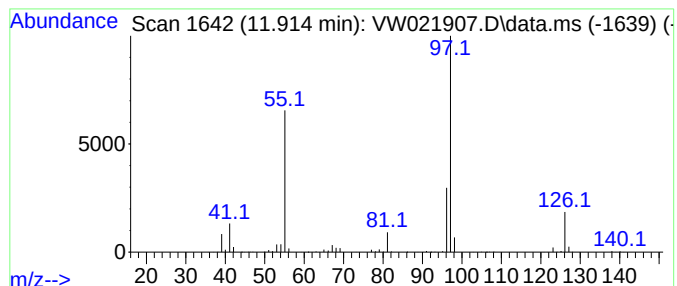
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic11.914 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	51.54 ug/L	688045	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
4			Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	59
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

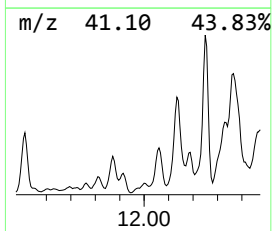
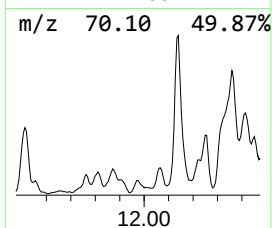
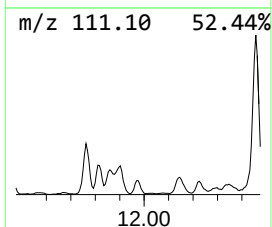
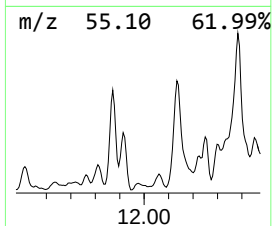
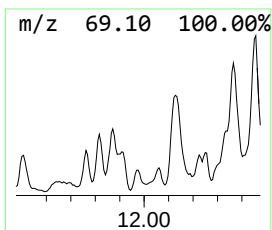
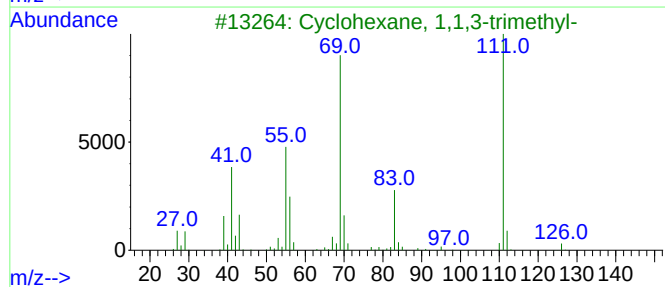
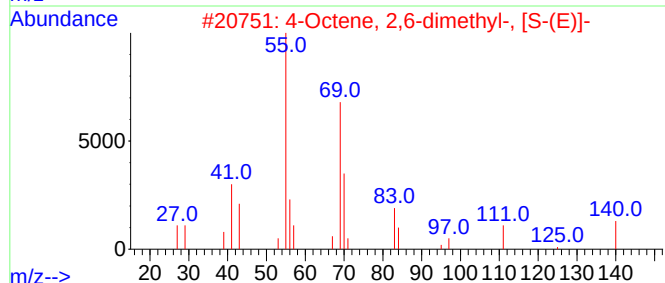
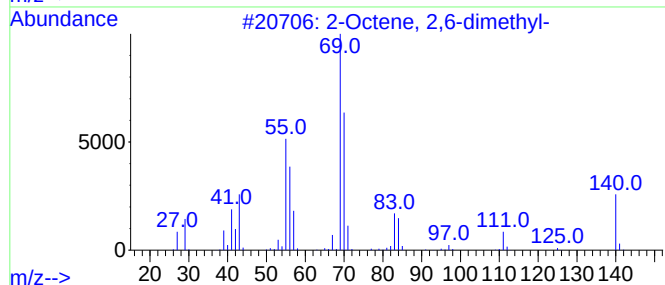
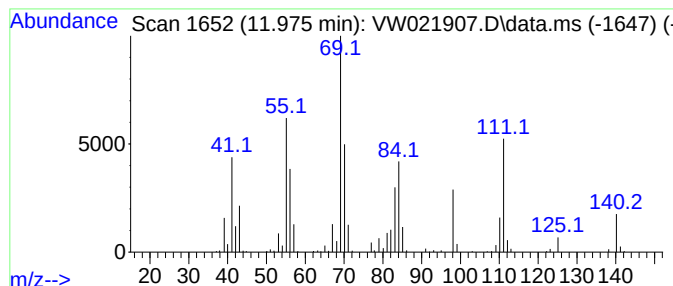
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.975	10.15 ug/L	135478	Chlorobenzene-d5			11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	53
2	4-Octene, 2,6-dimethyl-, [S-(E)]-		140	C10H20	062960-76-3	52
3	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	50
4	2-Octene, 4-ethyl-		140	C10H20	053966-52-2	49
5	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

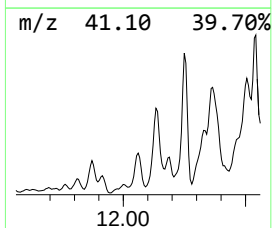
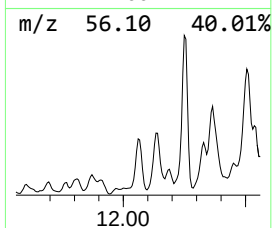
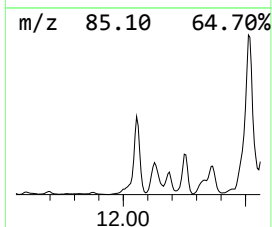
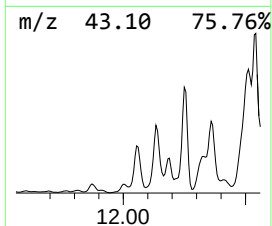
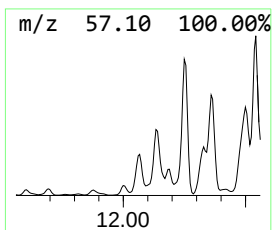
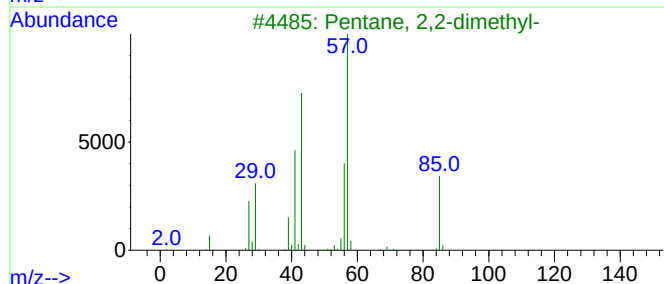
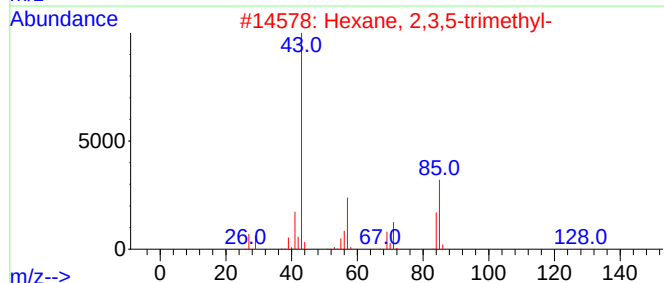
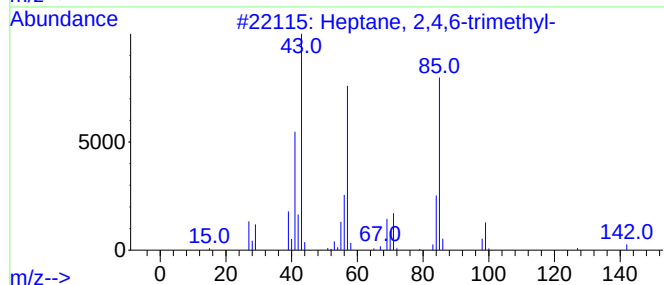
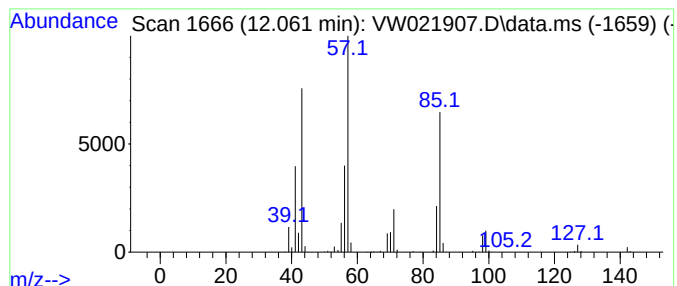
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	79.31 ug/L	1058670	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	49
2			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
4			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	47
5			Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

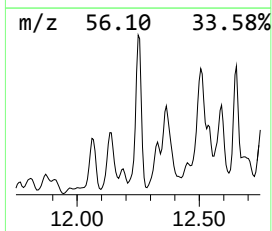
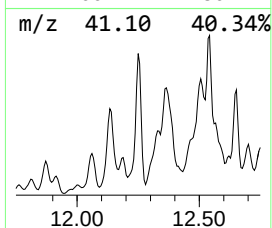
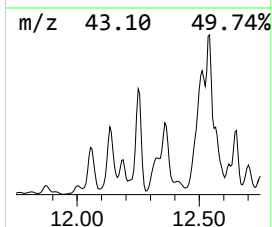
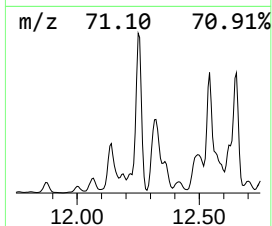
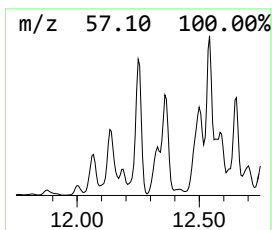
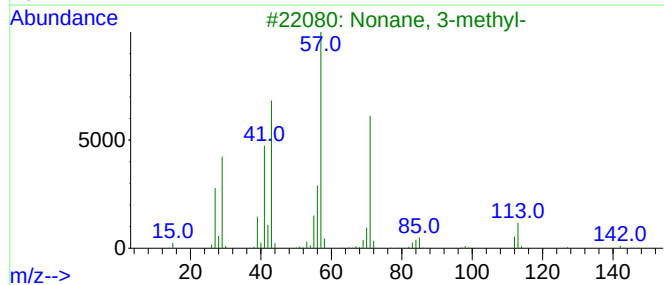
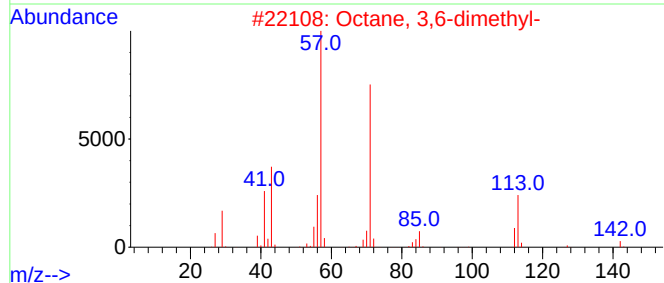
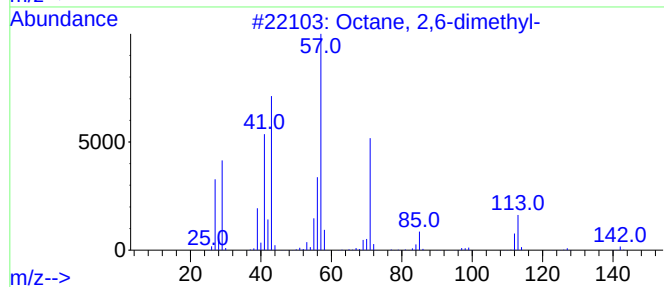
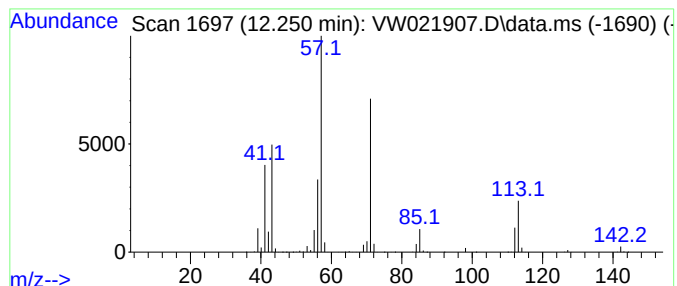
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	254.91 ug/L	3402780	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-			142	C10H22	005911-04-6	91
4	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	90
5	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

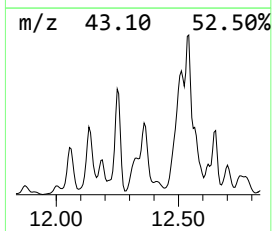
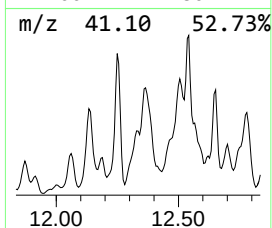
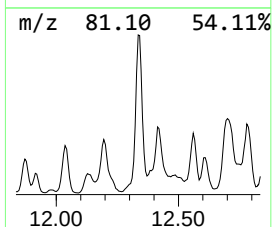
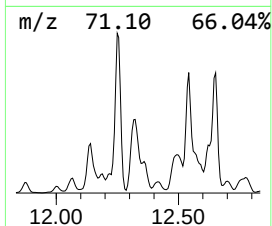
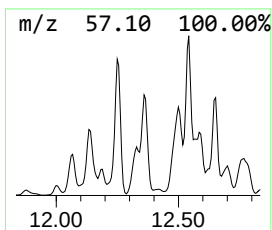
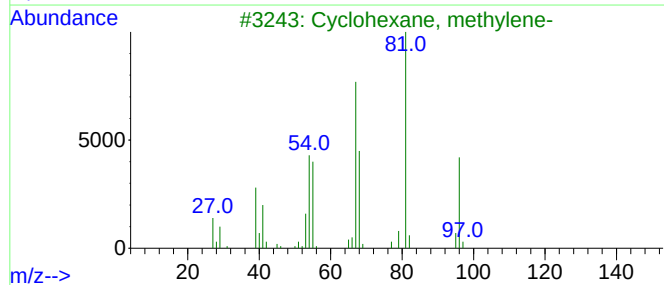
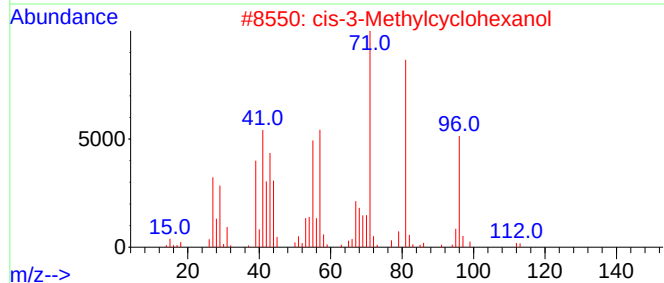
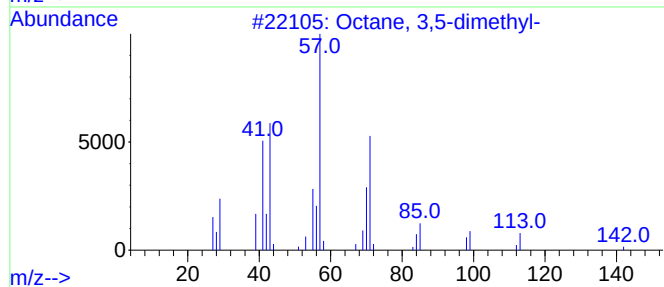
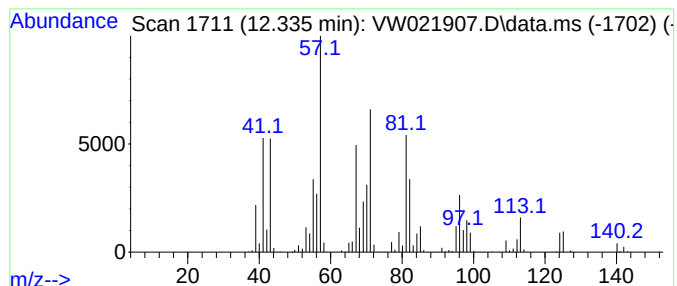
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	192.71 ug/L	2572450	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
2		cis-3-Methylcyclohexanol	114	C7H14O	005454-79-5	35
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	30
4		7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	30
5		Phytol	296	C20H40O	000150-86-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

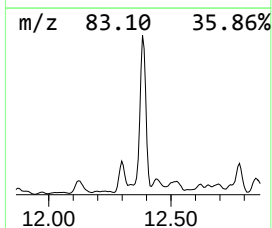
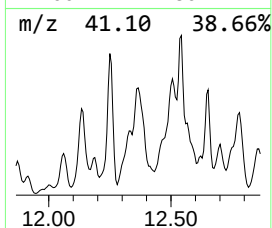
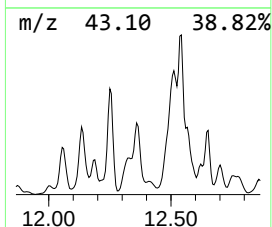
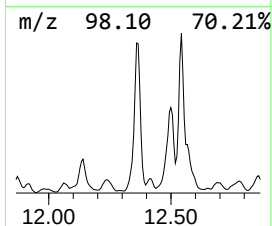
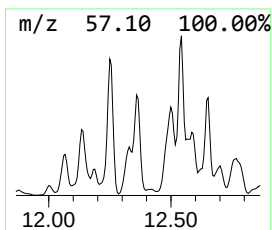
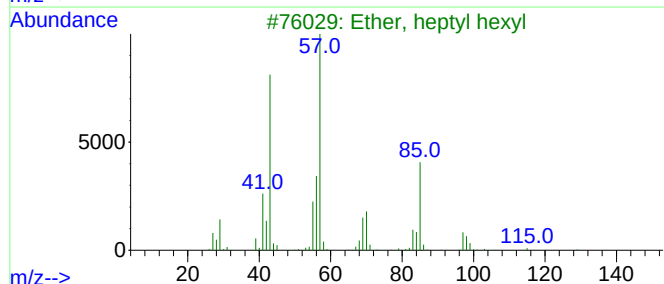
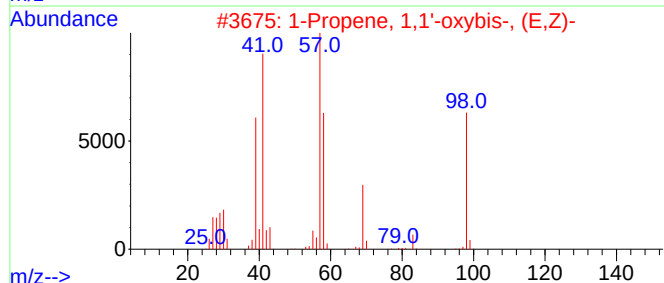
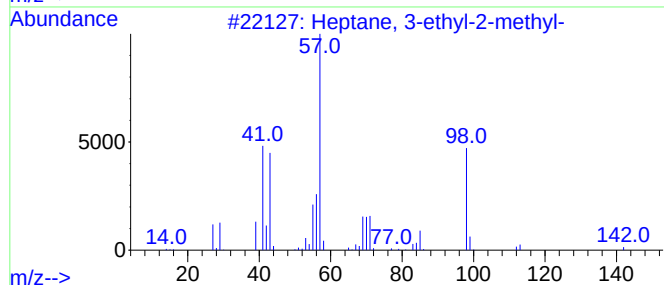
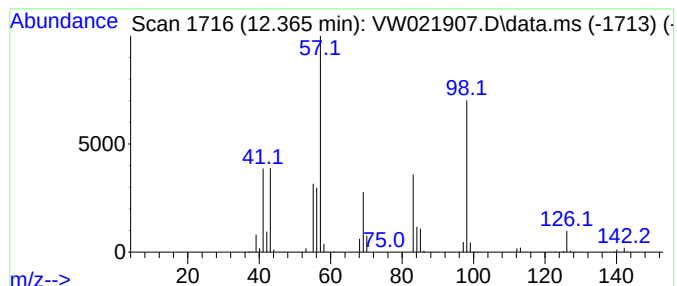
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	207.61 ug/L	2771400	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2			1-Propene, 1,1'-oxybis-, (E,Z)-	98	C6H100	004696-29-1	43
3			Ether, heptyl hexyl	200	C13H280	007289-40-9	38
4			Cyclohexanone, 2-ethyl-	126	C8H140	004423-94-3	38
5			1-Propene, 1,1'-oxybis-, (Z,Z)-	98	C6H100	004696-27-9	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

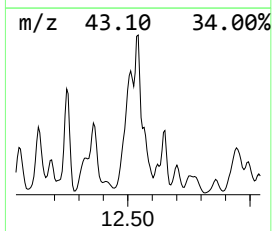
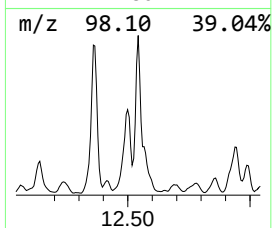
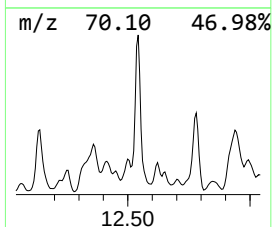
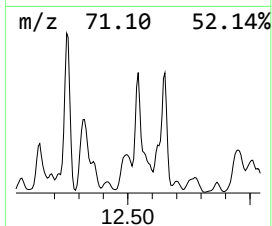
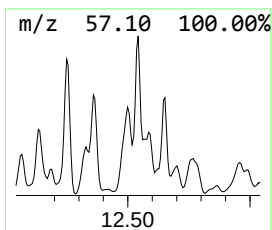
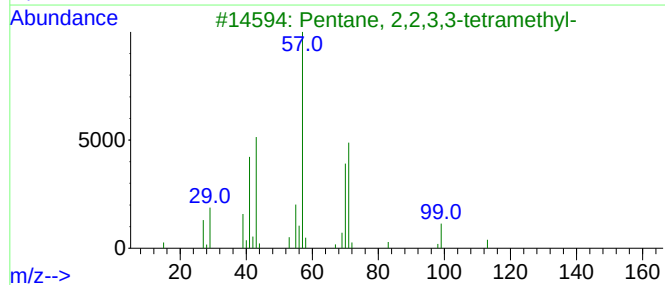
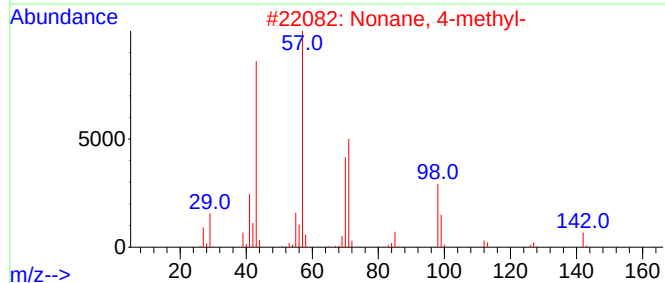
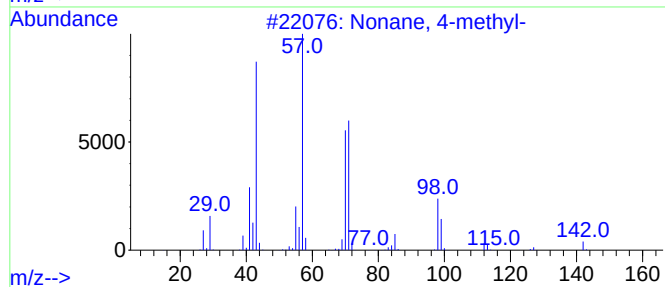
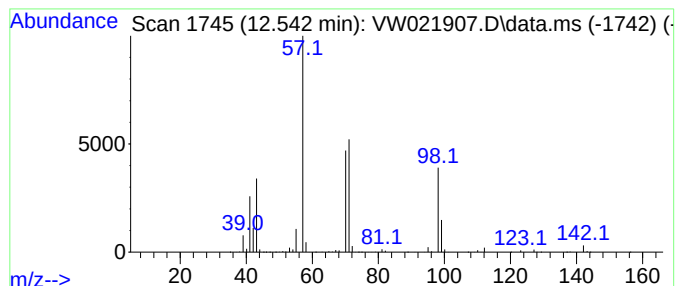
Instrument :
MSVOA_W
ClientSampleId :
BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.542	282.72 ug/L	3774020	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-		142	C10H22	017301-94-9	64
2	Nonane, 4-methyl-		142	C10H22	017301-94-9	59
3	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	50
4	Octane, 2,5-dimethyl-		142	C10H22	015869-89-3	47
5	Heptane, 4-propyl-		142	C10H22	003178-29-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

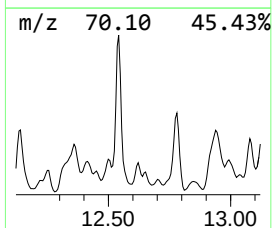
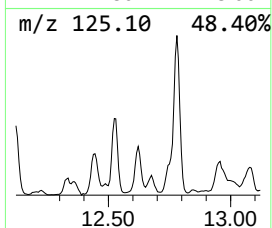
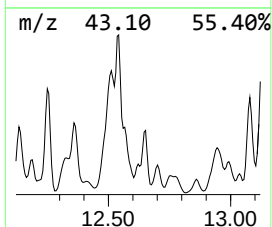
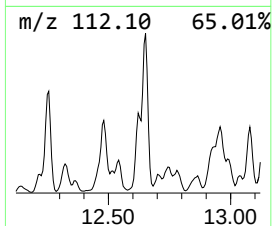
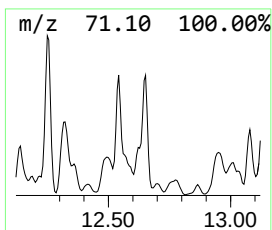
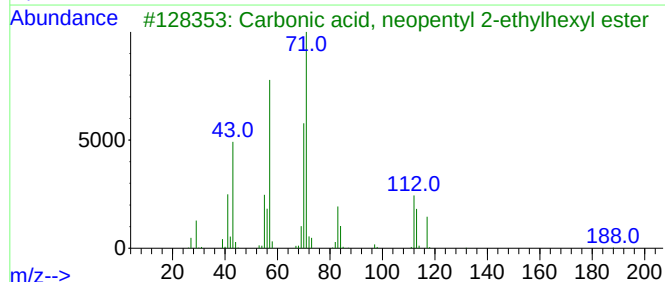
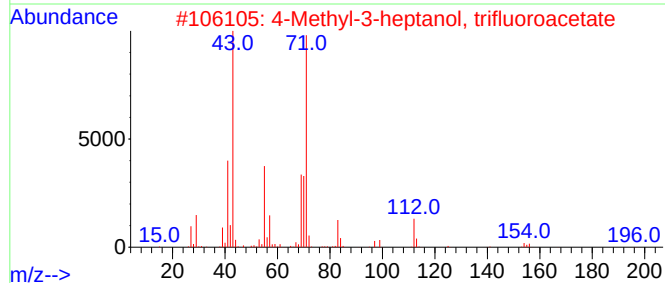
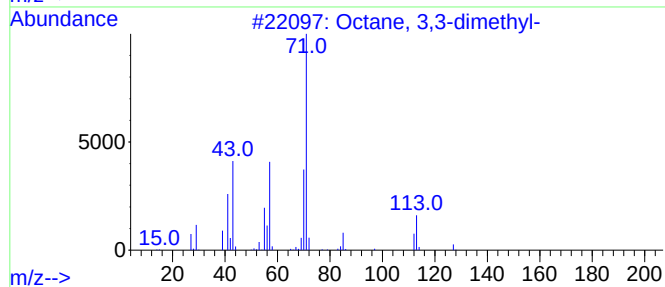
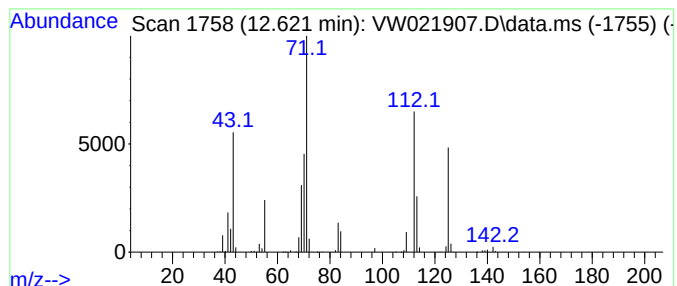
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	2.70 ug/L	184887	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43
2			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	42
3			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	38
4			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	37
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

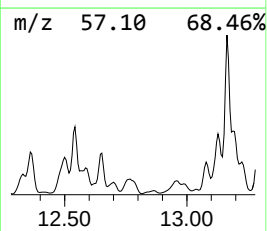
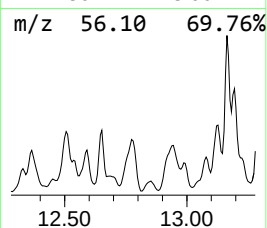
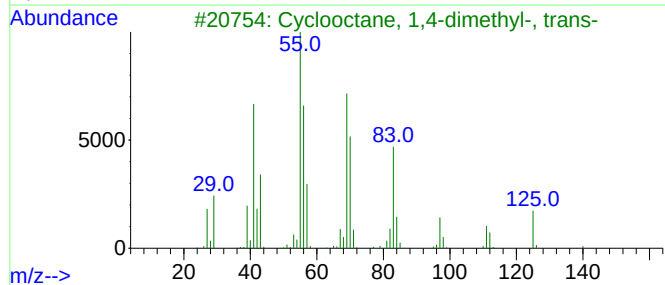
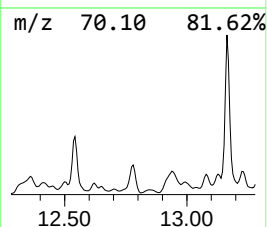
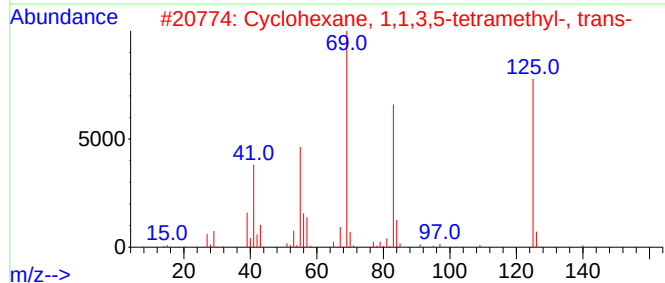
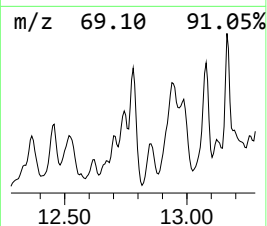
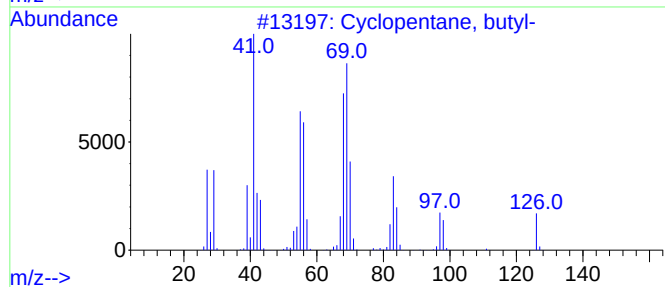
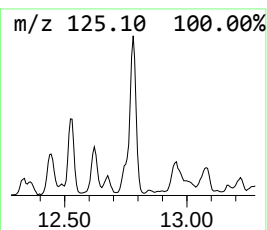
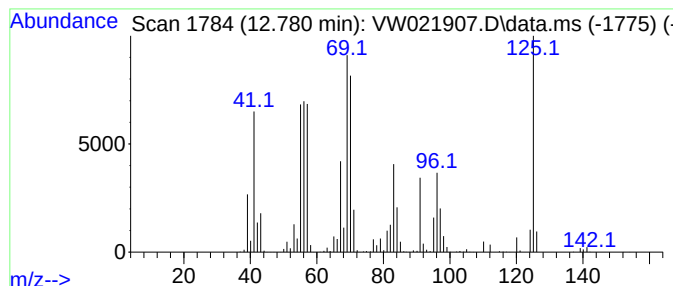
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic12.780 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	74.41 ug/L	5092490	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	53
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	46
3			Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	46
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
5			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

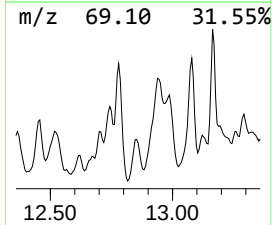
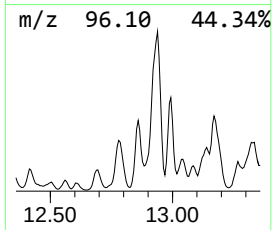
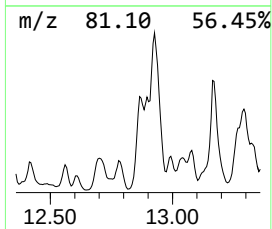
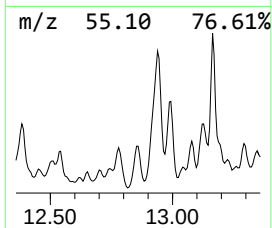
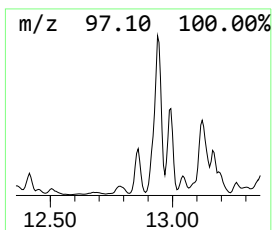
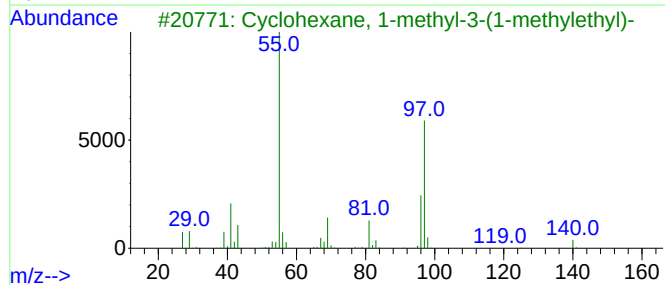
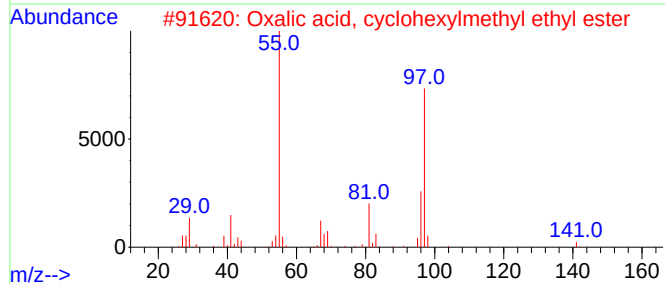
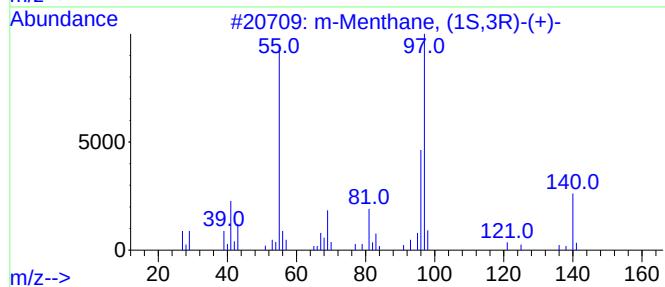
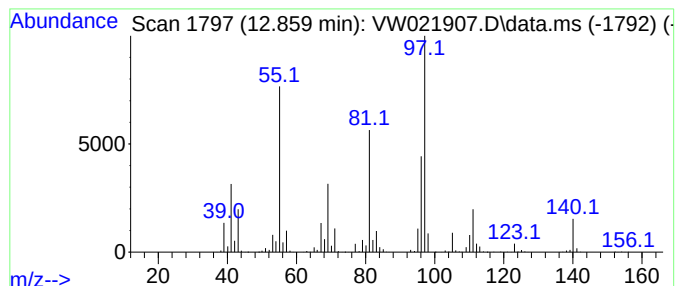
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	24.39 ug/L	1669220	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	74
2			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	59
3			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	59
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	58
5			Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

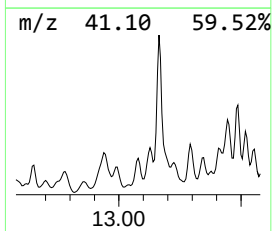
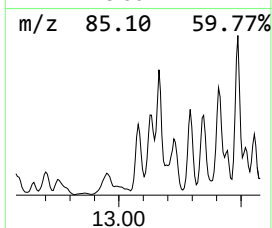
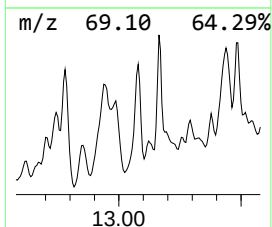
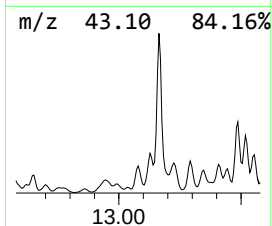
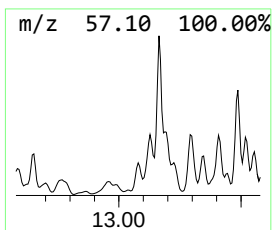
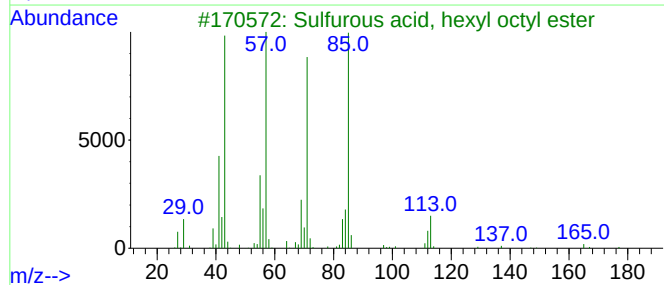
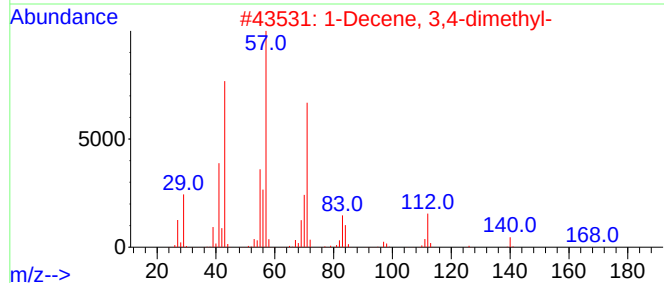
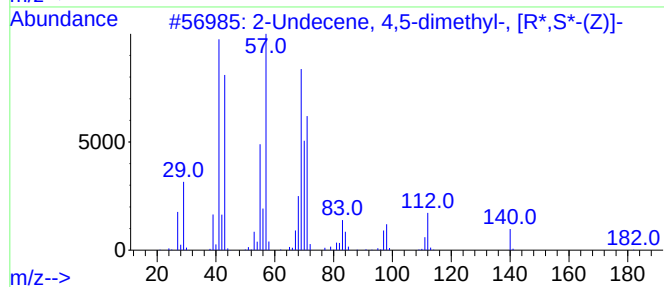
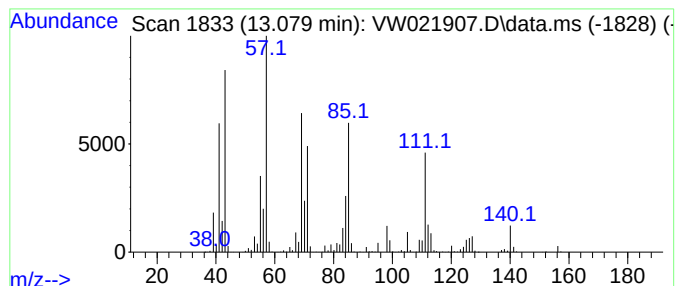
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	45.59 ug/L	3119950	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Undecene, 4,5-dimethyl-, [R*,S...	182	C13H26	055170-93-9	43	
2	1	Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	38	
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	38		
4	2-Propyl-1-pentanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-3	35		
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

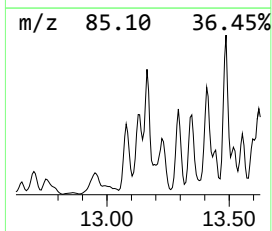
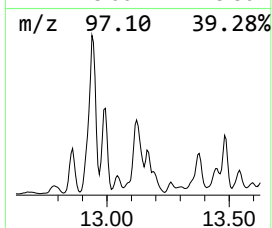
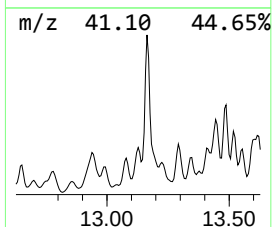
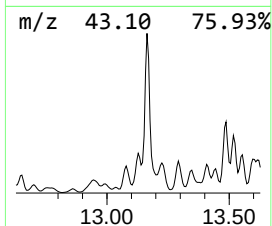
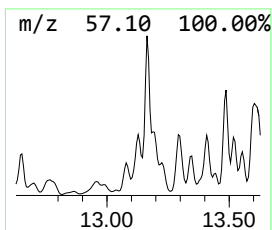
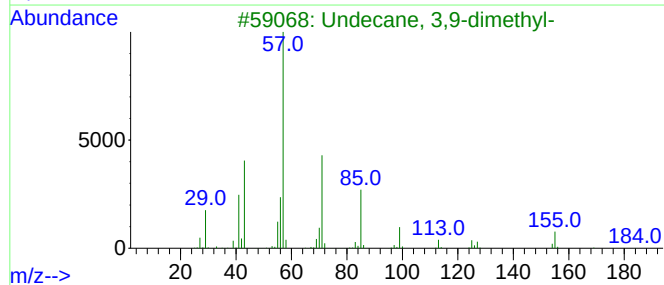
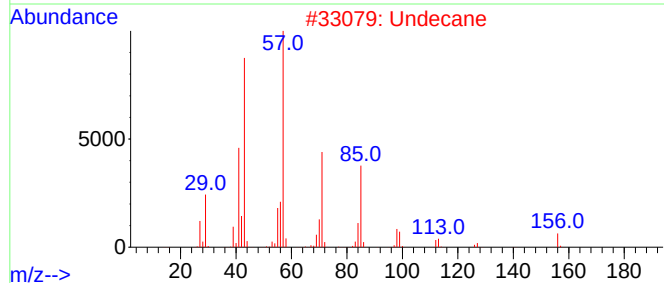
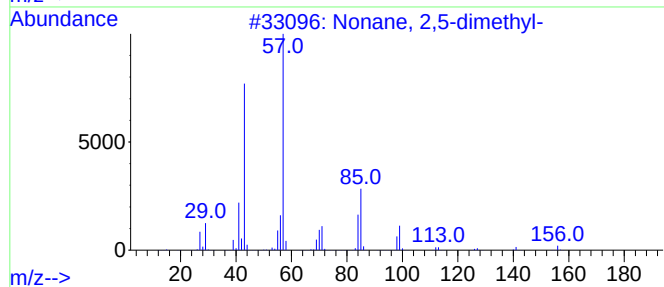
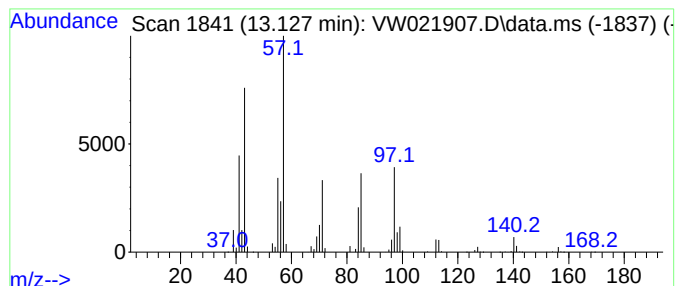
Instrument :
MSVOA_W
ClientSampleId :
BGLS7

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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.128	26.90 ug/L	1840740	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 2,5-dimethyl-		156	C11H24	017302-27-1	91
2	Undecane		156	C11H24	001120-21-4	49
3	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	43
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	43
5	Decane, 5-methyl-		156	C11H24	013151-35-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

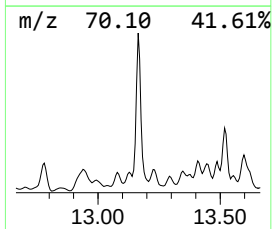
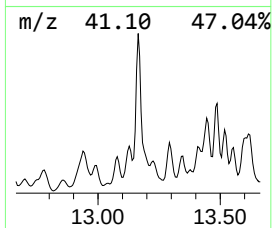
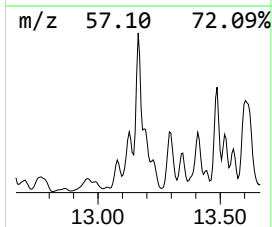
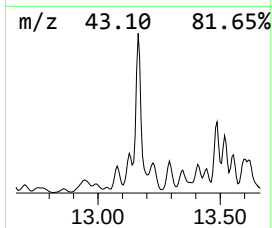
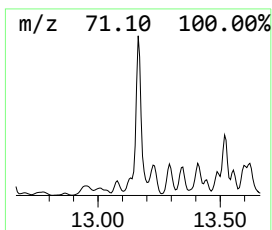
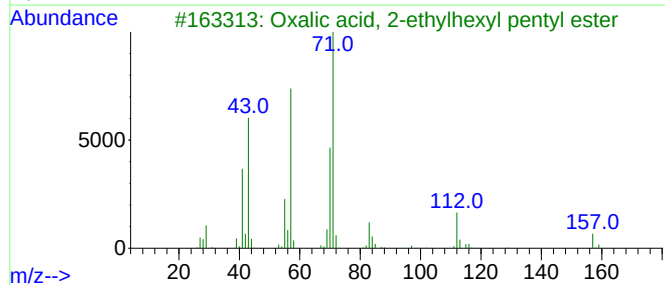
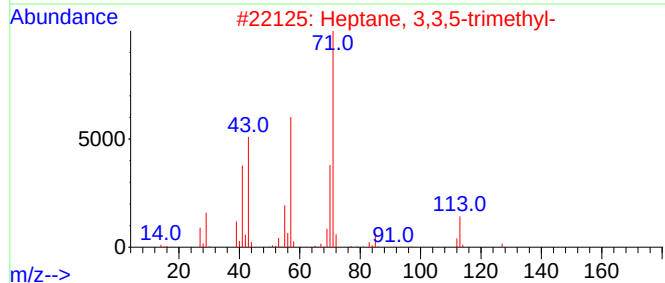
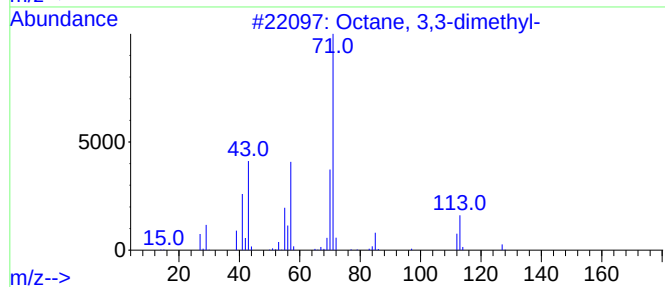
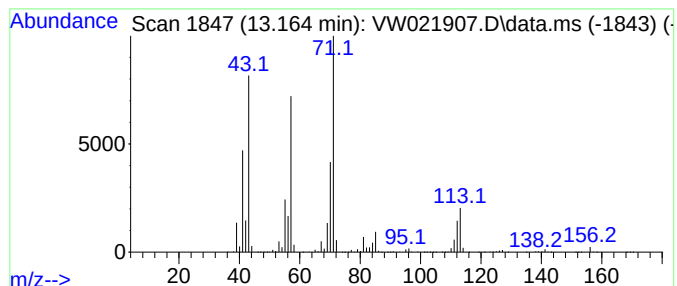
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	159.38 ug/L	10907400	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
5			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

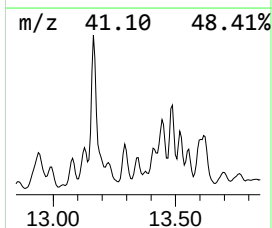
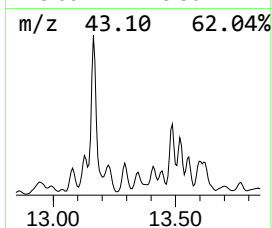
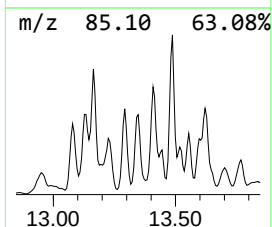
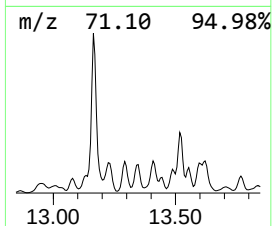
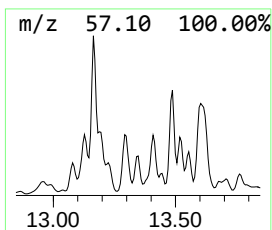
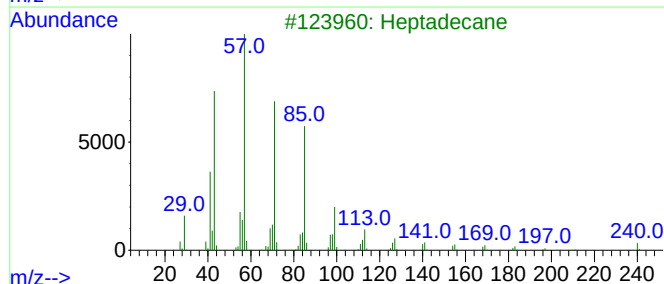
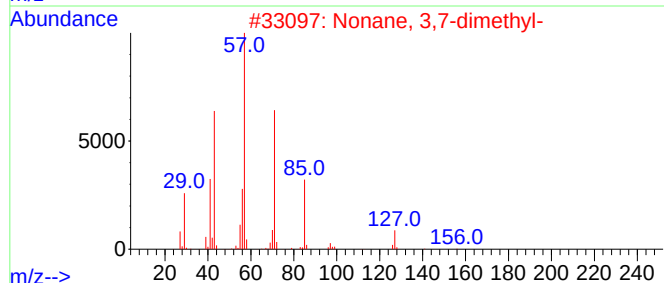
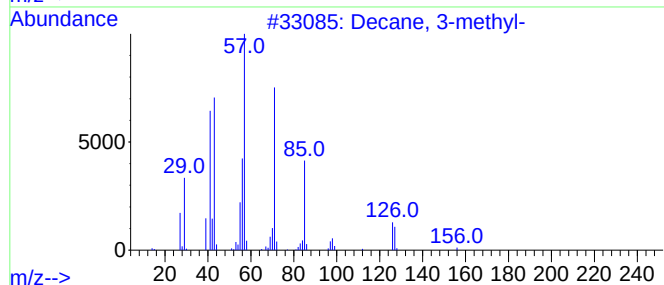
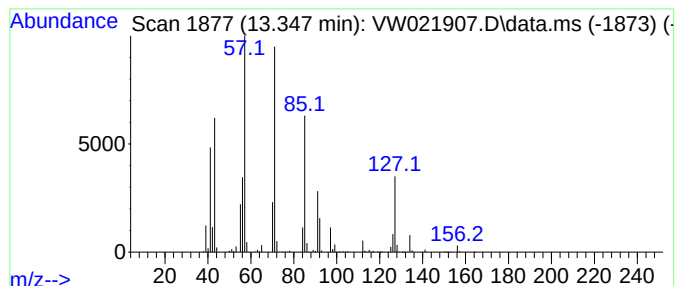
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	27.55 ug/L	1885340	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	83
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3			Heptadecane	240	C17H36	000629-78-7	64
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5			1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

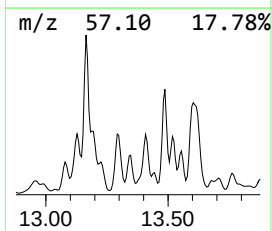
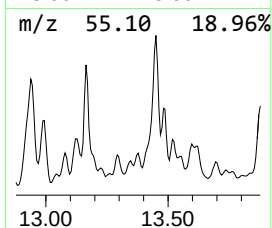
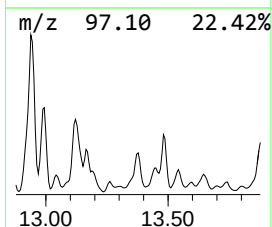
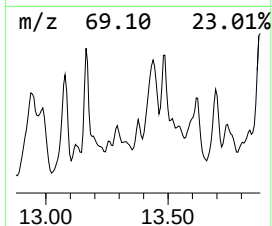
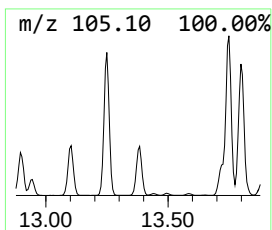
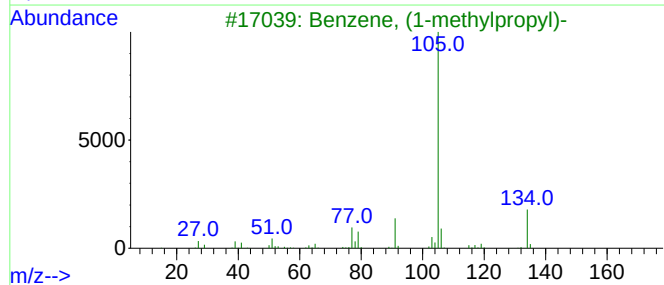
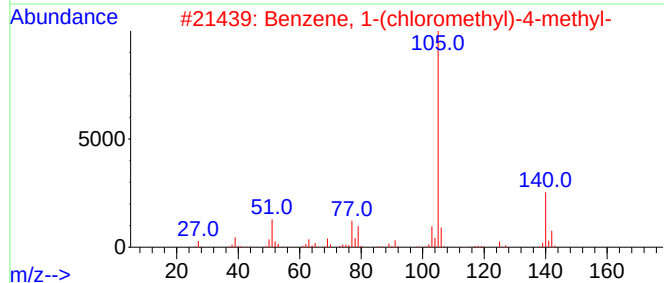
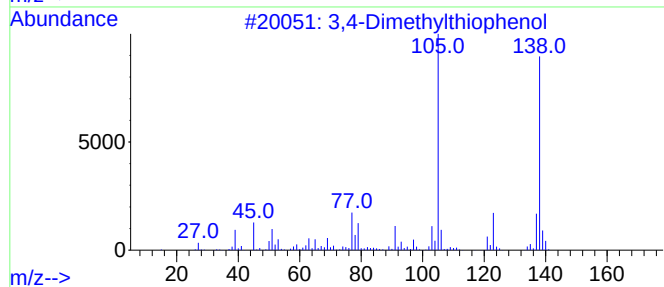
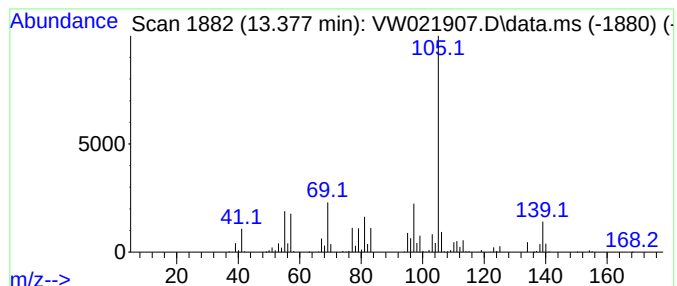
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Quant Title : SFAM01.0

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

Peak Number 37 unknown-01 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	5.98 ug/L	409147	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	35
2			Benzene, 1-(chloromethyl)-4-methyl-	140	C8H9Cl	000104-82-5	22
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	22
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	22
5			Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

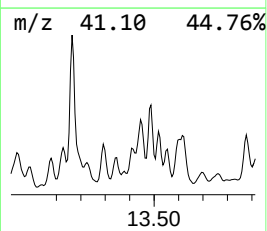
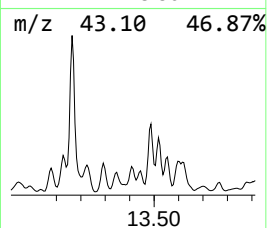
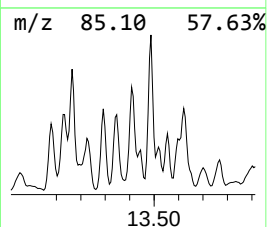
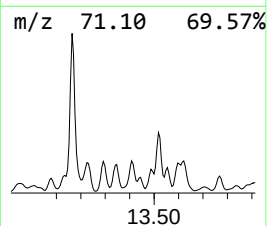
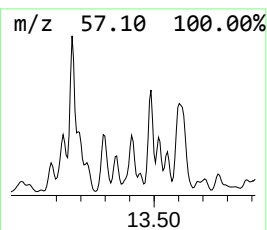
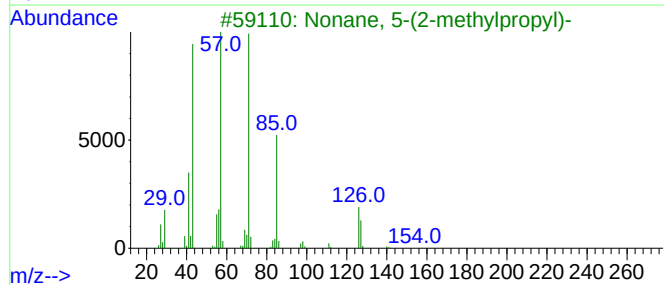
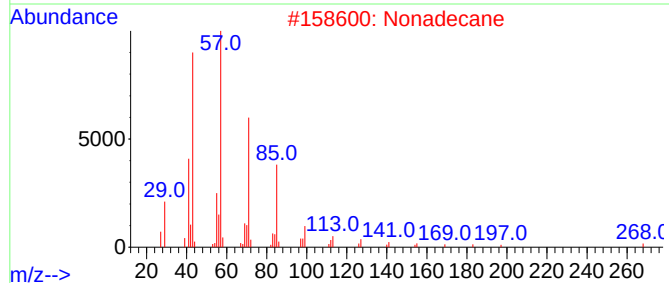
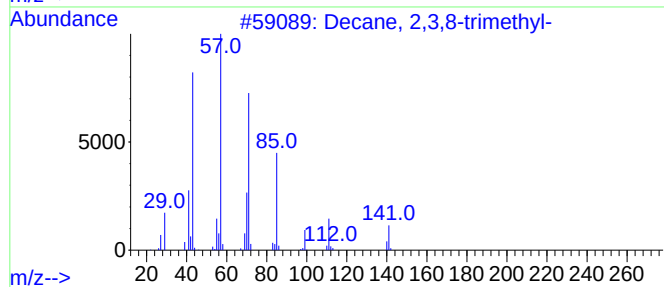
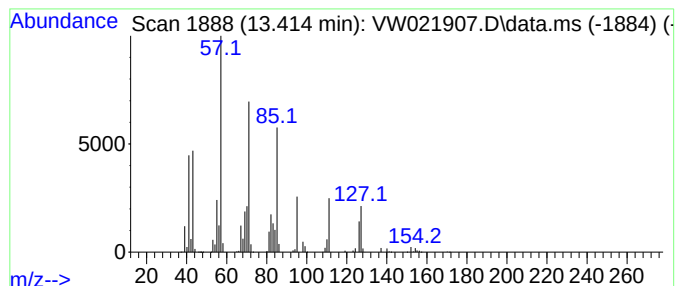
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.414	23.06 ug/L	1578390	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
2			Nonadecane	268	C19H40	000629-92-5	47
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

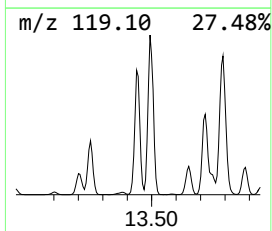
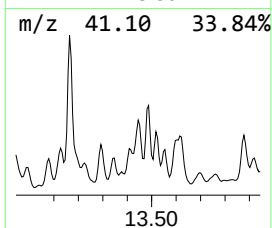
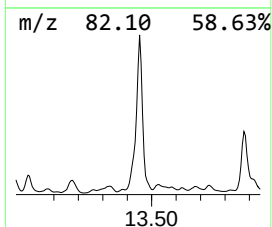
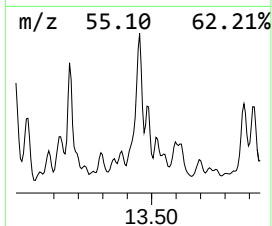
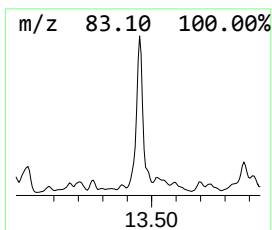
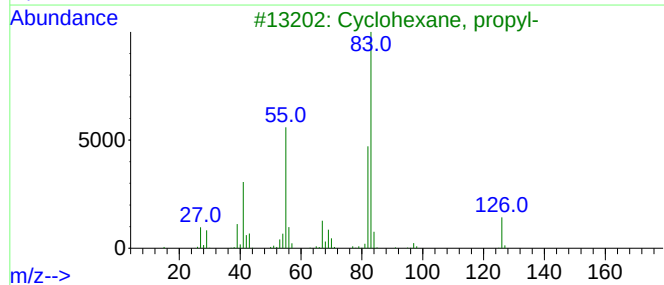
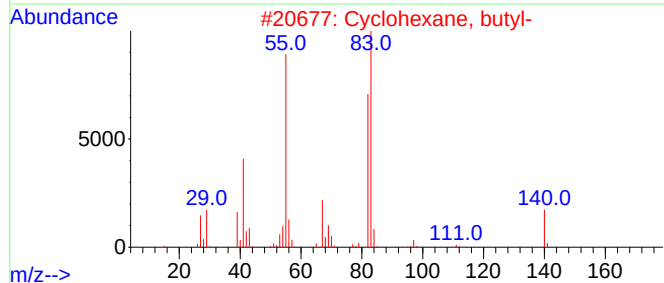
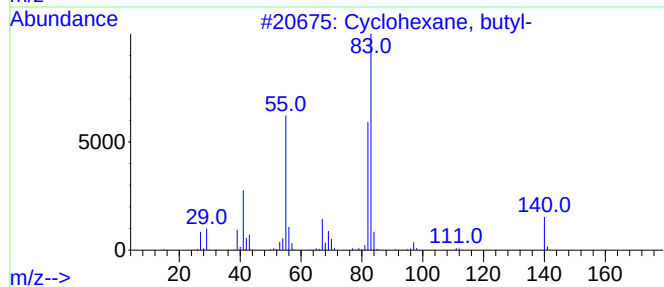
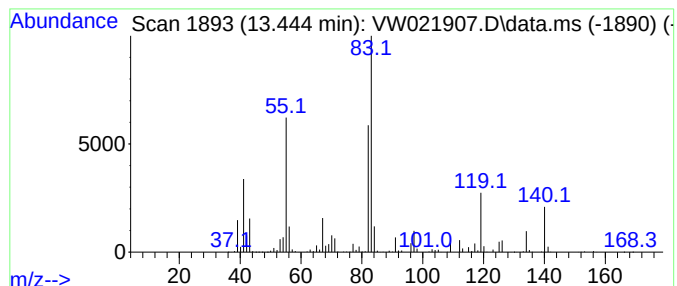
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Cyclic13.445 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	59.88 ug/L	4098010	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

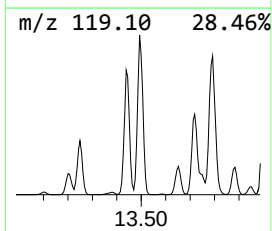
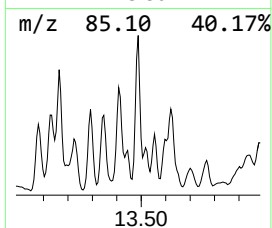
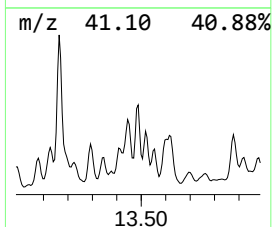
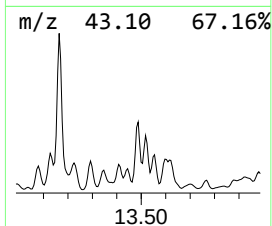
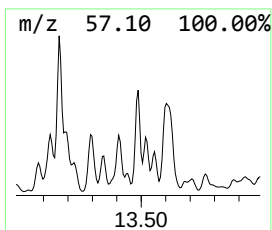
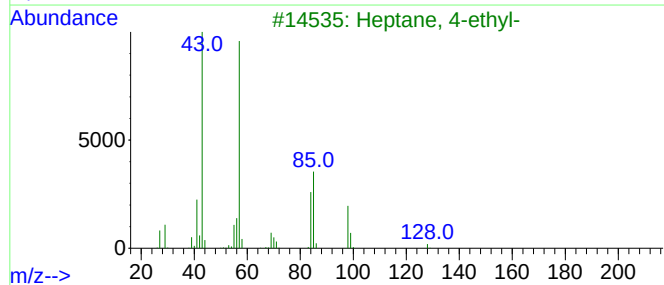
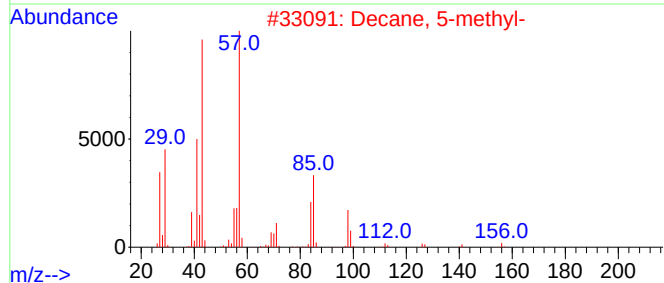
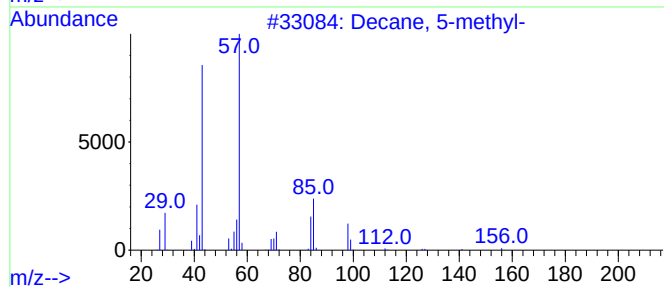
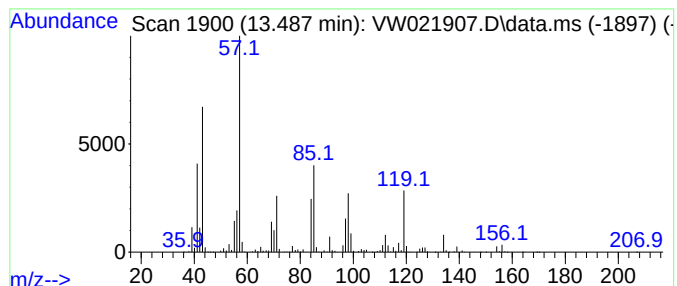
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	56.90 ug/L	3894130	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-methyl-	156	C11H24	013151-35-4	70
2		Decane, 5-methyl-	156	C11H24	013151-35-4	58
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	46
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

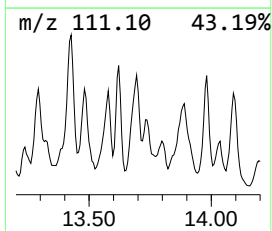
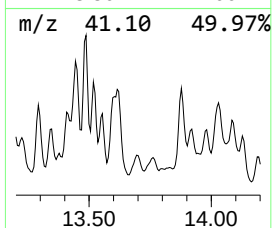
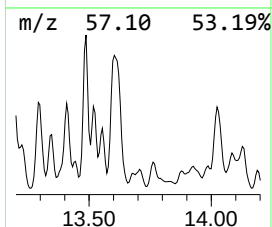
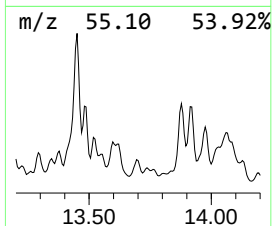
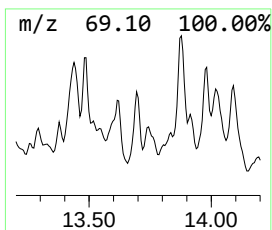
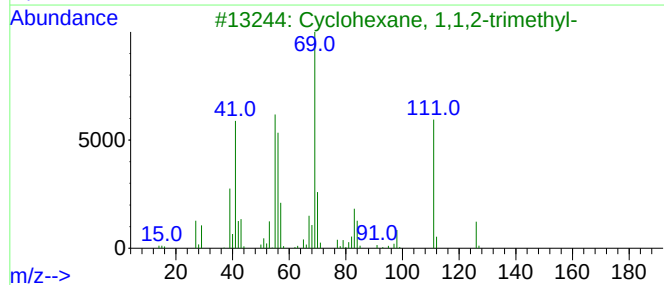
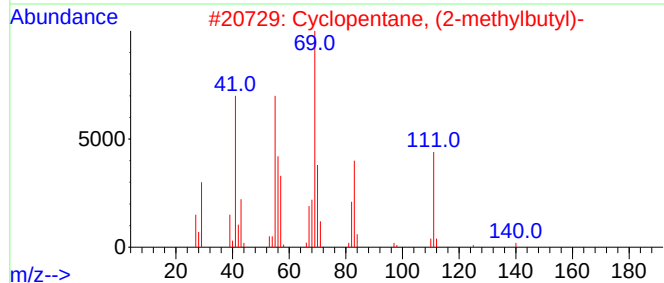
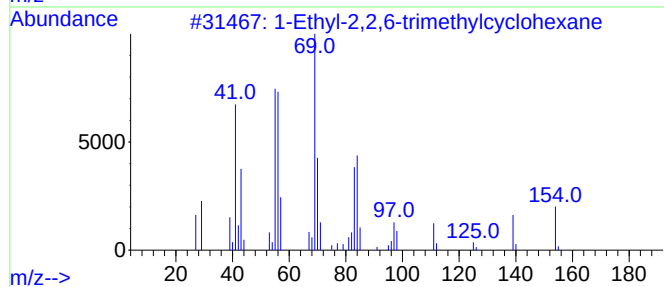
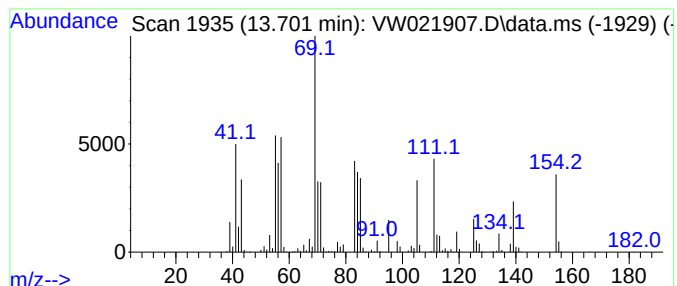
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Cyclic13.701 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	32.81 ug/L	2245520	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	47
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

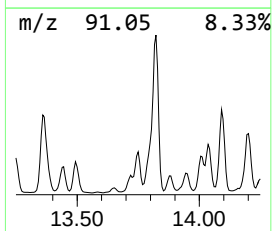
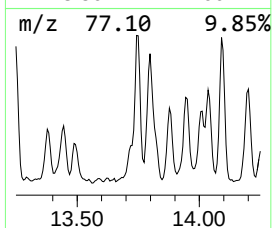
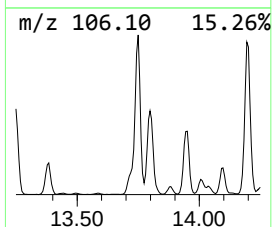
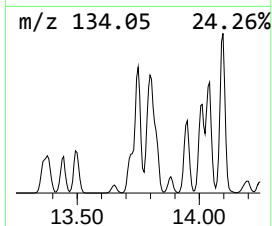
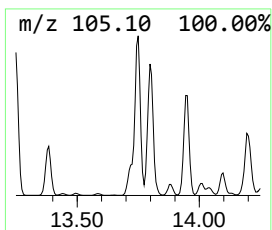
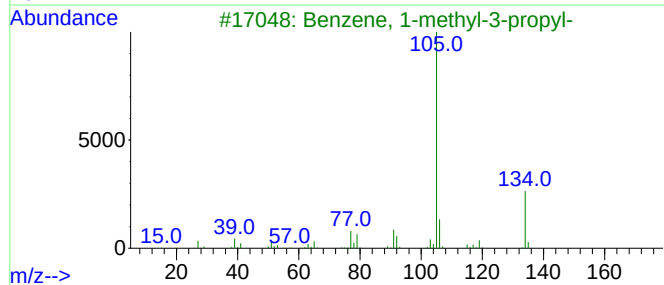
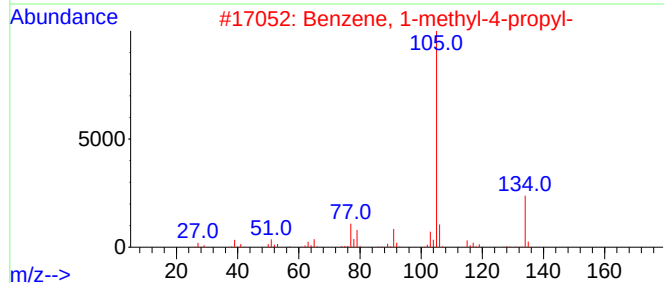
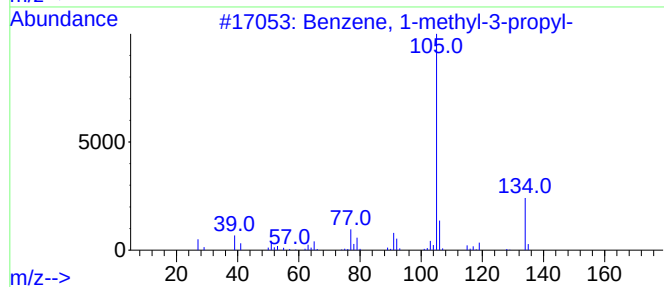
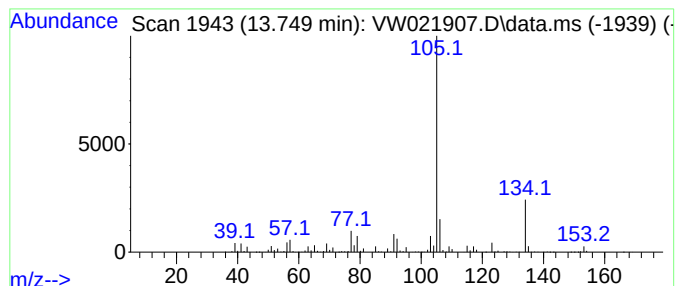
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Quant Title : SFAM01.0

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

Peak Number 42 Benzene, 1-methyl-3-propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	43.31 ug/L	2963930	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

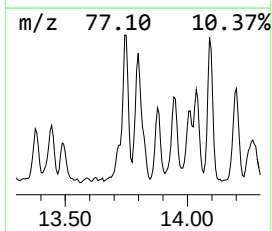
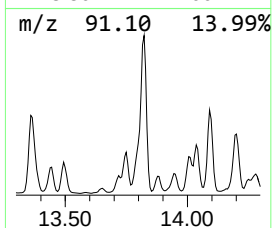
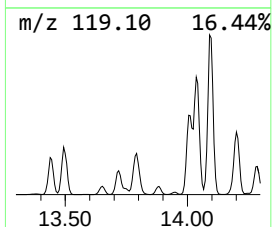
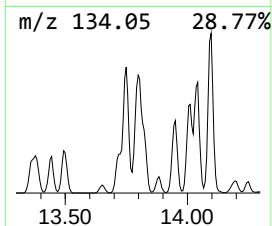
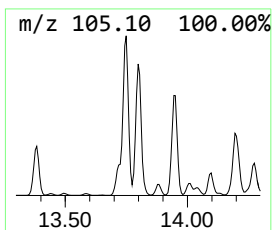
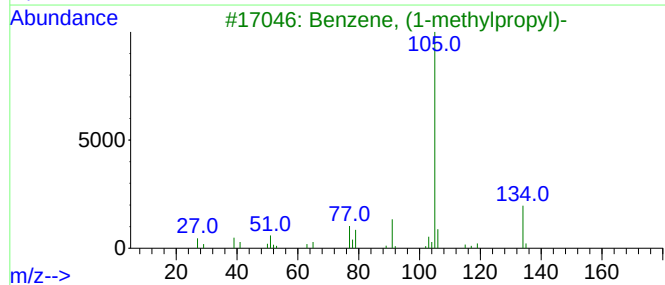
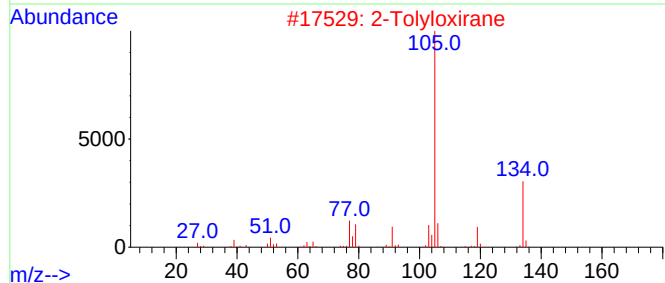
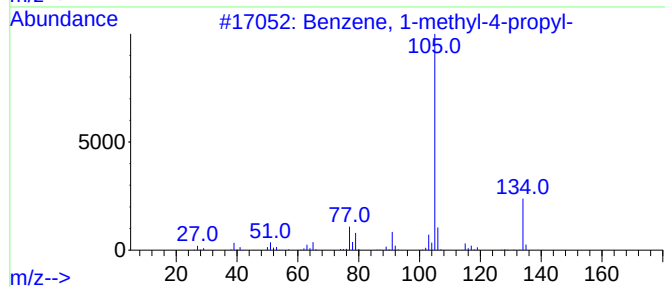
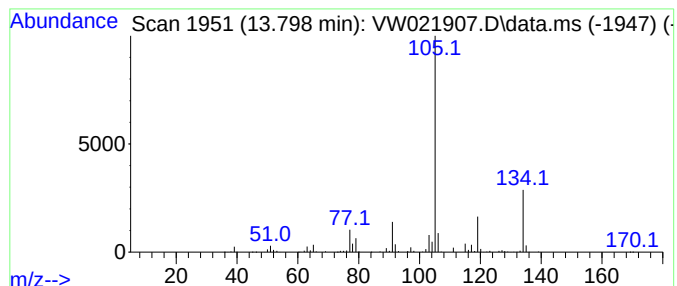
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Quant Title : SFAM01.0

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

Peak Number 43 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	51.77 ug/L	3543200	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2			2-Tolyloxirane	134	C9H10O	002783-26-8	86
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

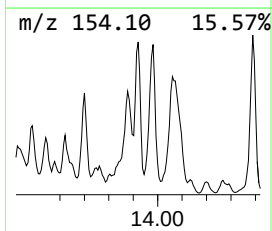
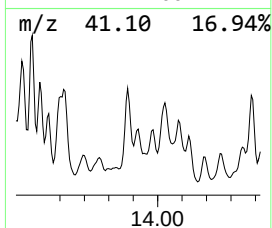
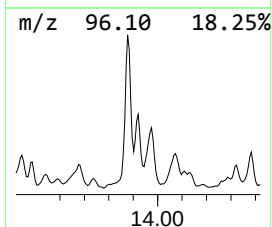
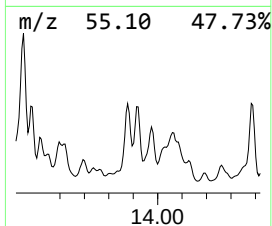
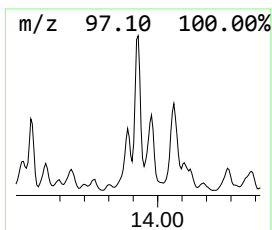
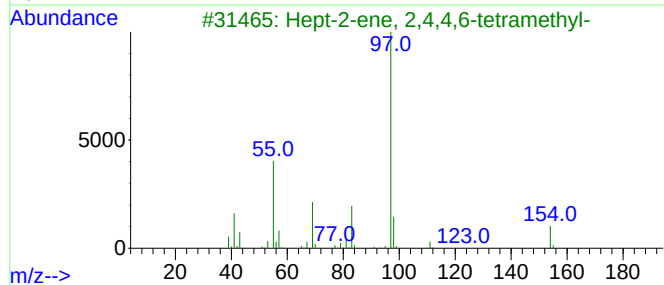
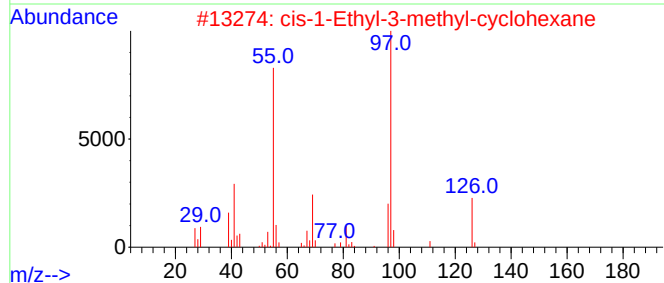
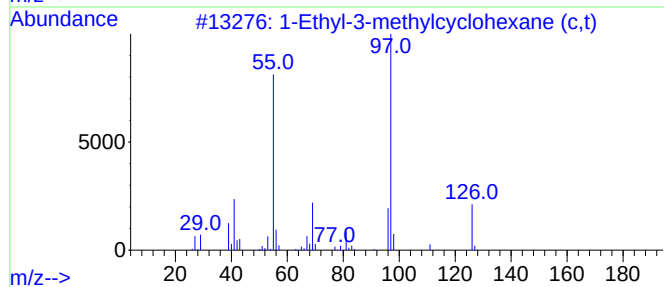
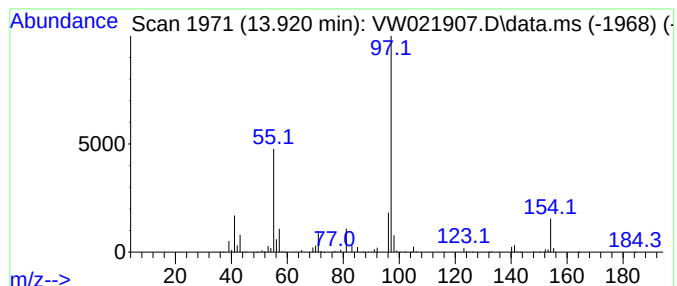
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Cyclic13.920 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	12.53 ug/L	857150	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
3			Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	45
4			Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	45
5			Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

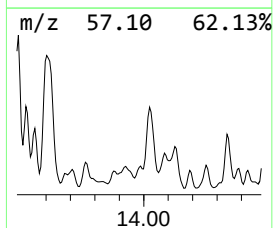
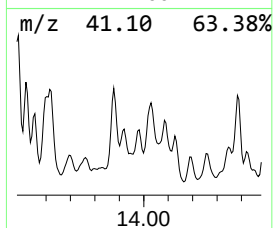
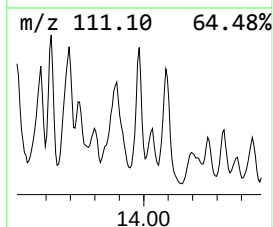
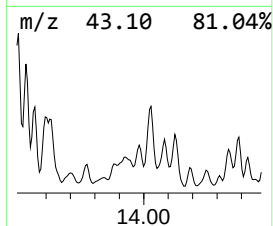
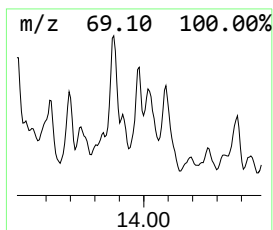
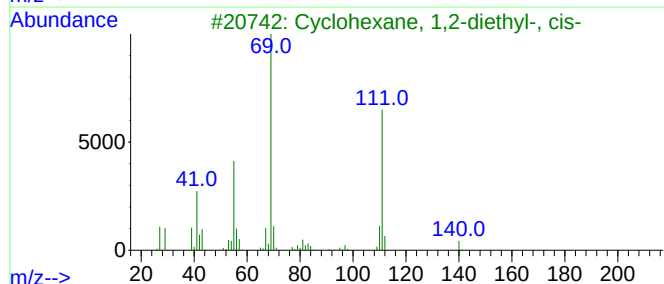
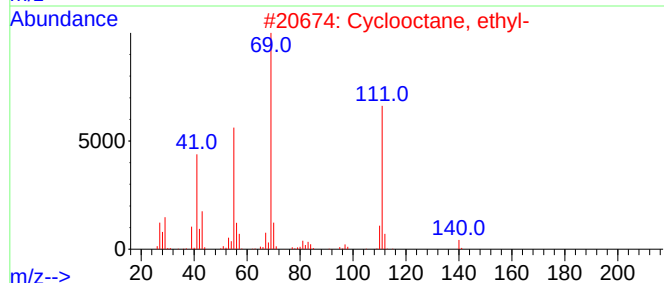
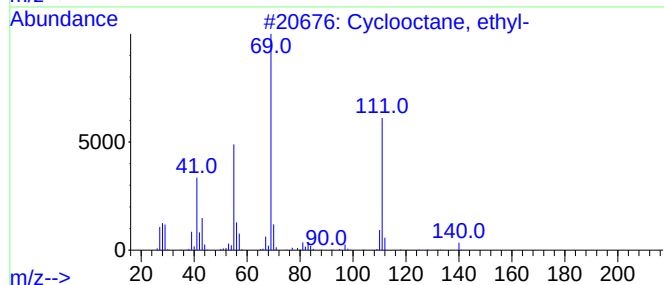
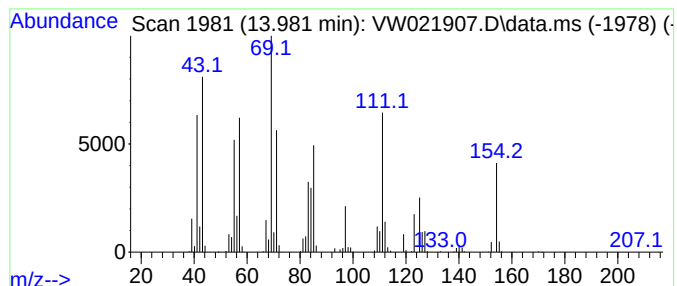
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Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Cyclic13.981 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.981	25.67 ug/L	1757020	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, ethyl-	140	C10H20	013152-02-8	30
2			Cyclooctane, ethyl-	140	C10H20	013152-02-8	30
3			Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	30
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	30
5			1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

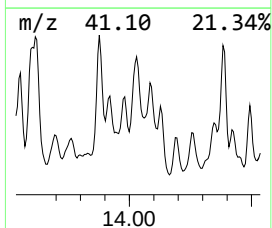
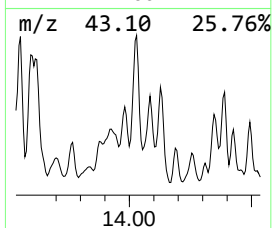
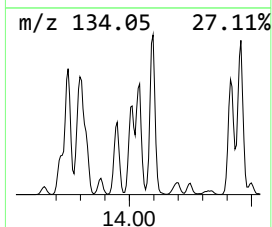
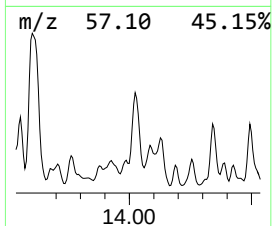
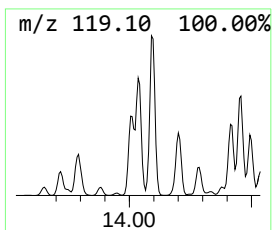
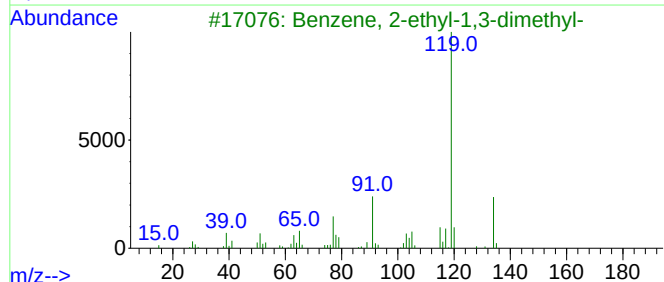
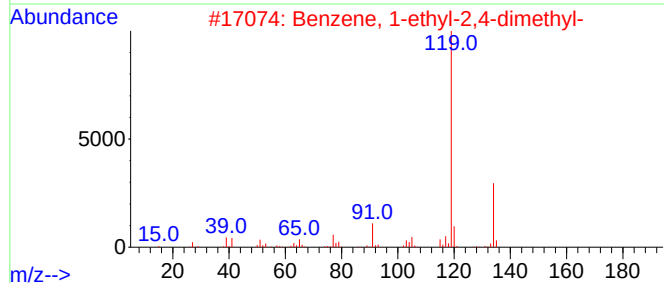
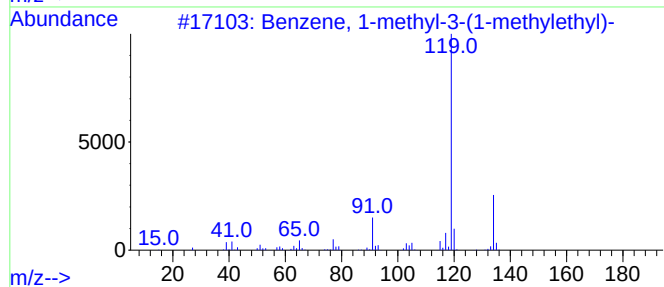
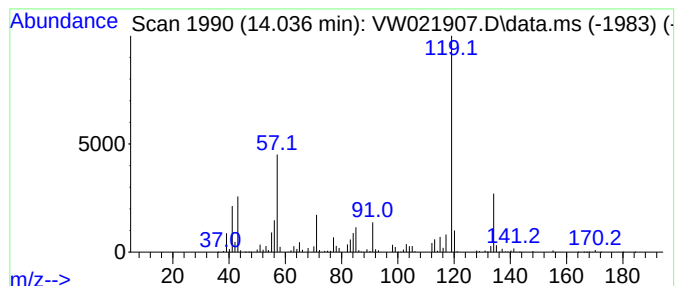
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Quant Title : SFAM01.0

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

Peak Number 46 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	102.90 ug/L	7042280	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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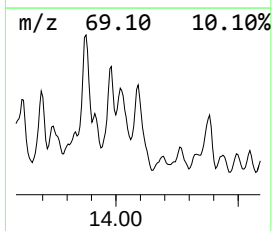
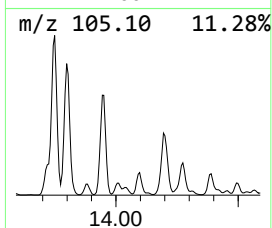
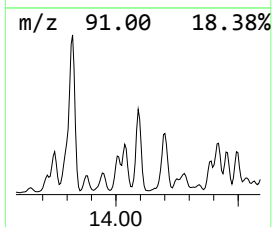
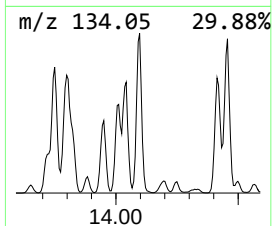
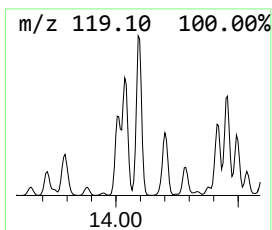
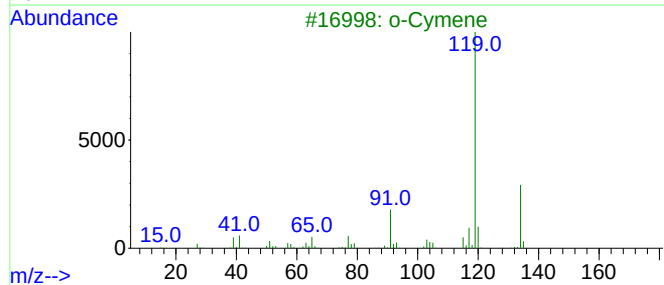
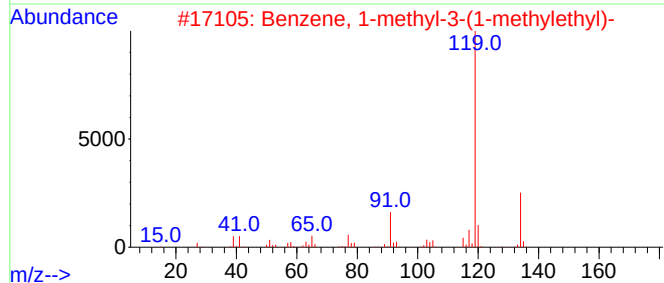
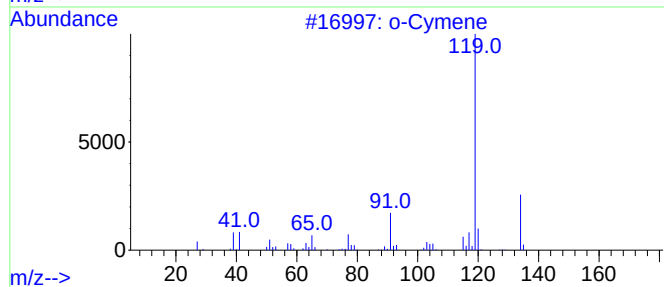
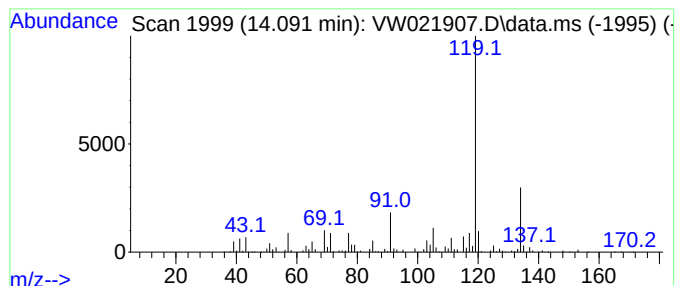
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Quant Title : SFAM01.0

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

Peak Number 47 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	65.14 ug/L	4458150	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

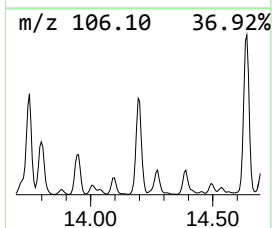
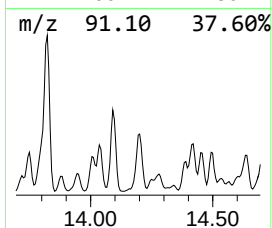
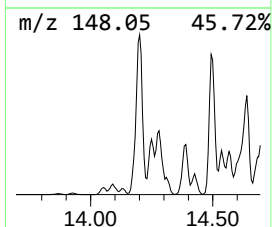
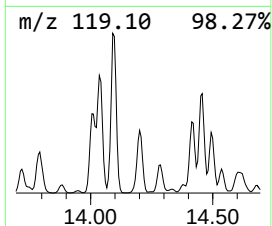
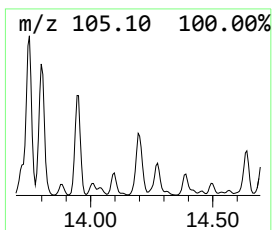
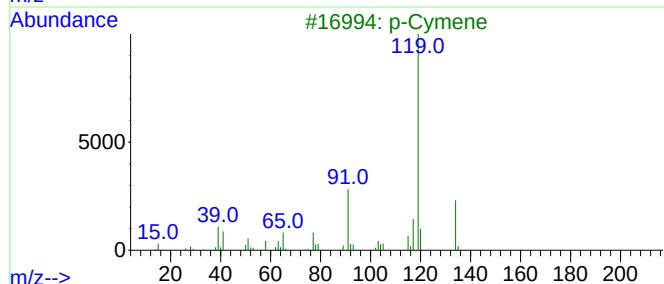
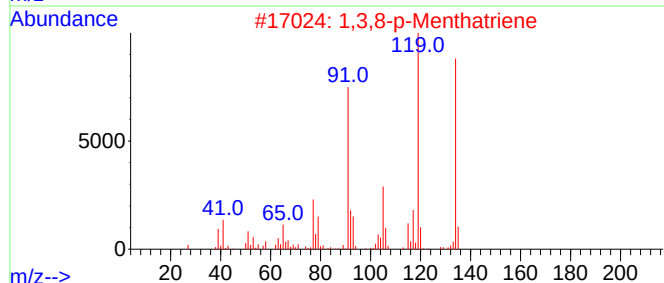
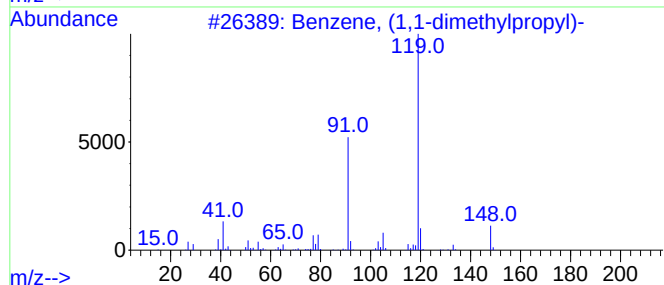
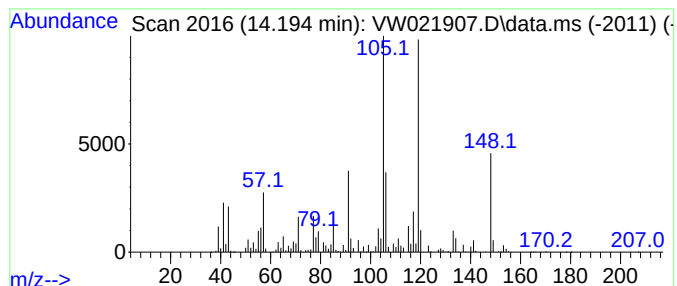
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Quant Title : SFAM01.0

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

Peak Number 48 Benzene, (1,1-dimethylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	57.25 ug/L	3917640	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
2			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	52
3			p-Cymene	134	C10H14	000099-87-6	50
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

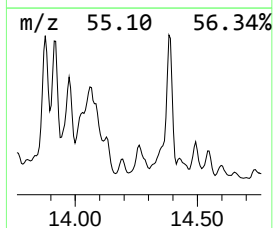
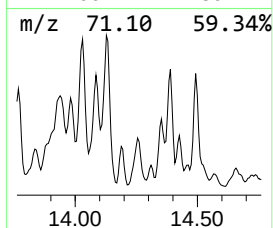
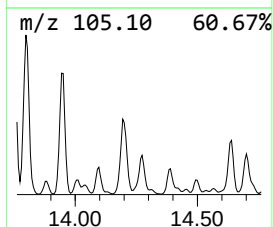
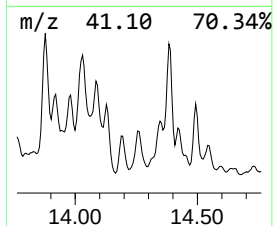
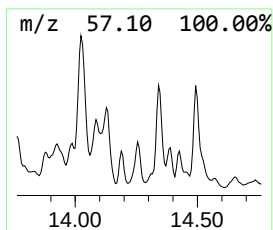
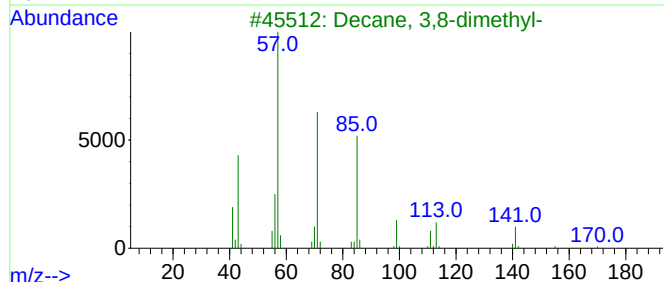
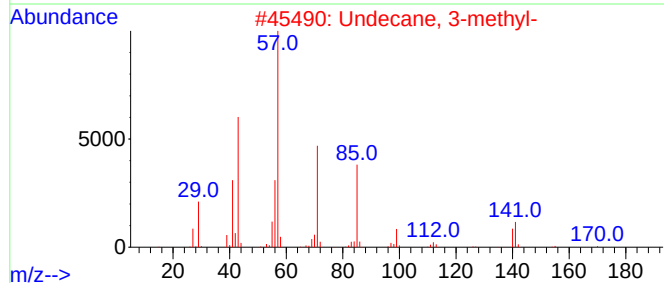
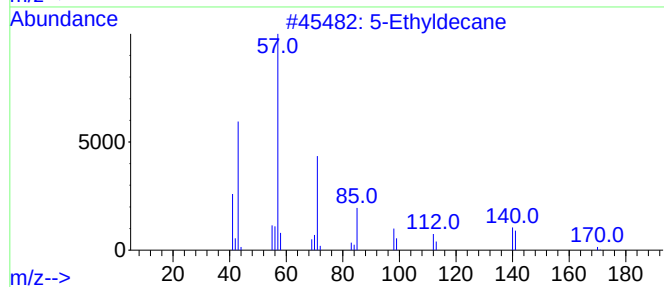
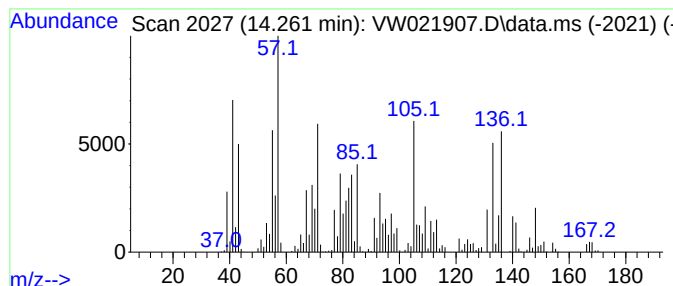
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Quant Title : SFAM01.0

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	55.75 ug/L	3815250	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Ethyldecane	170	C12H26	017302-36-2	38
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	30
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	30
4		Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	30
5		Adamantane	136	C10H16	000281-23-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

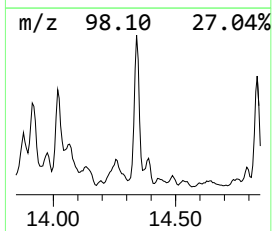
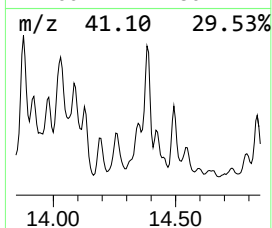
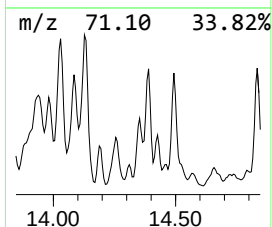
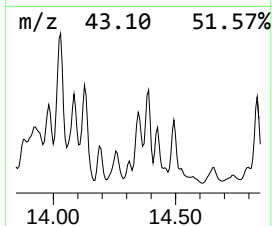
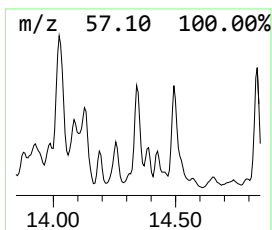
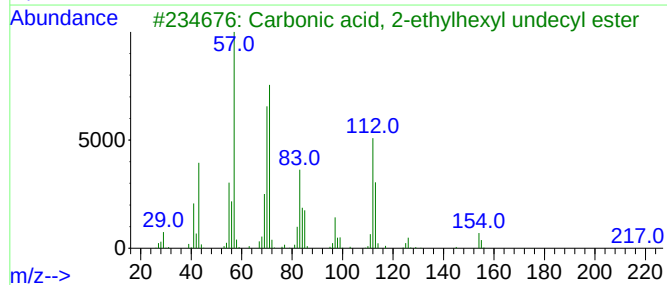
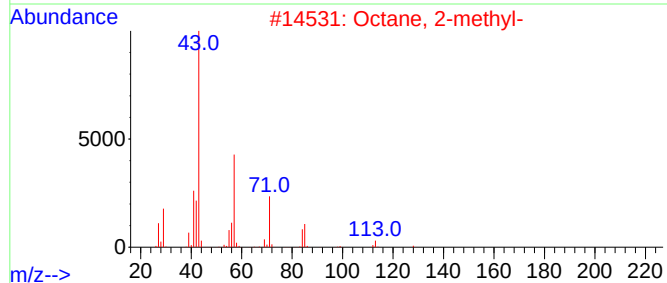
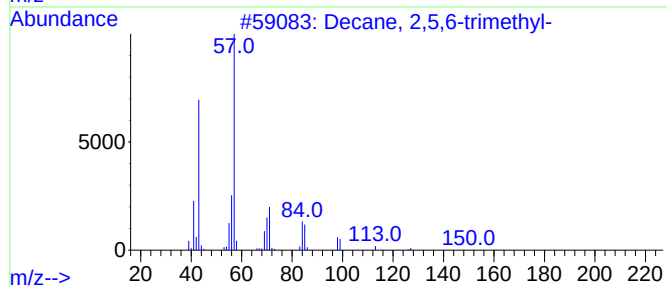
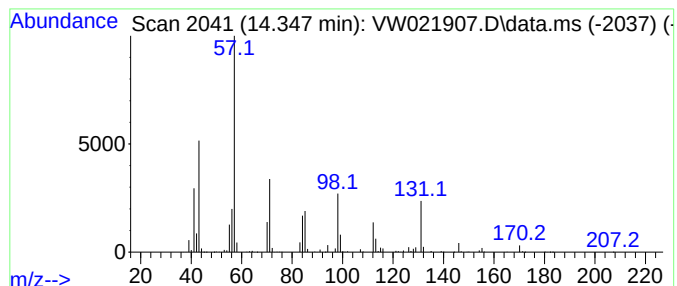
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Quant Title : SFAM01.0

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	32.92 ug/L	2252650	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
2			Octane, 2-methyl-	128	C9H20	003221-61-2	43
3			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	43
4			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	43
5			2,6-Dimethyldecane	170	C12H26	013150-81-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

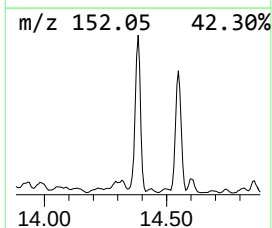
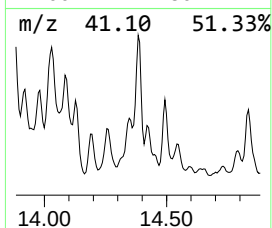
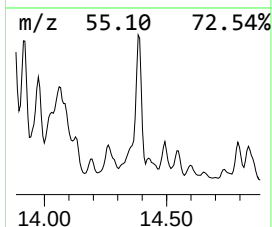
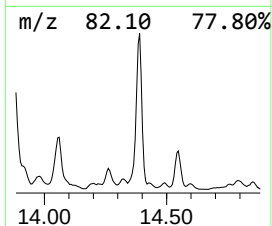
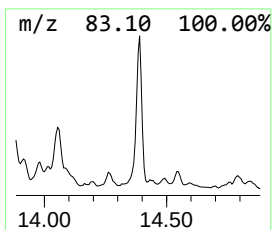
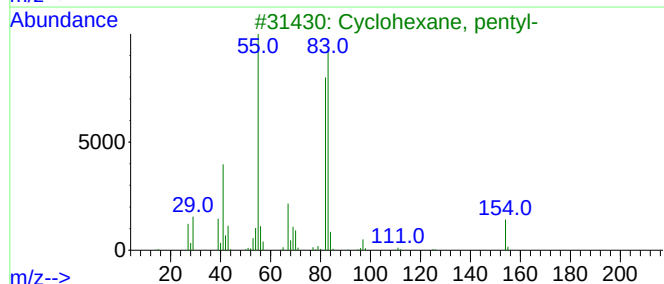
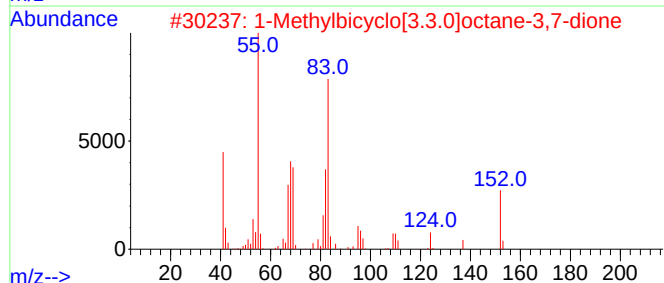
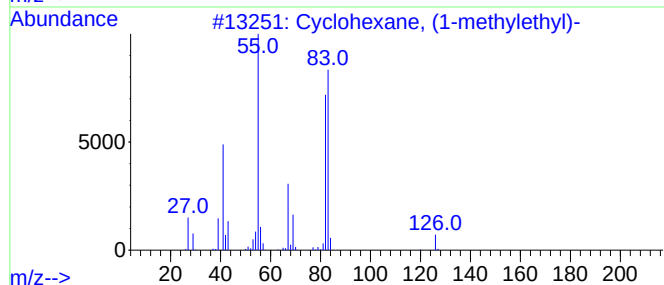
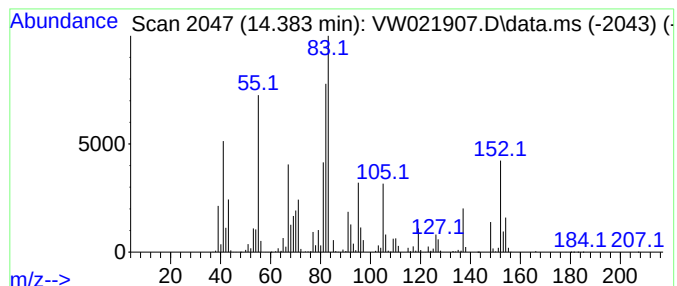
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Quant Title : SFAM01.0

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

Peak Number 51 (DEL) Alkane: Cyclic14.383 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	104.35 ug/L	7141450	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
2			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	50
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

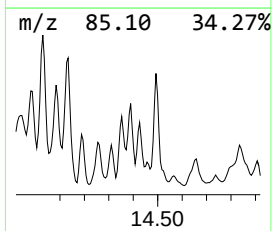
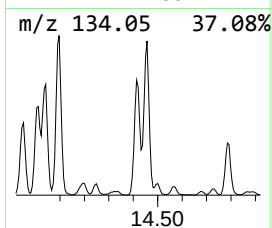
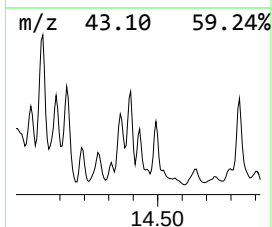
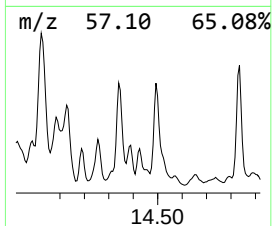
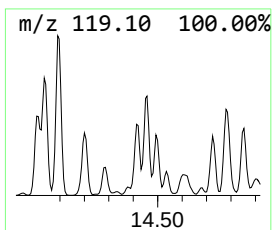
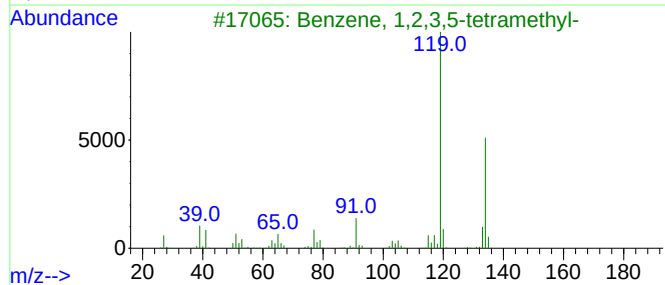
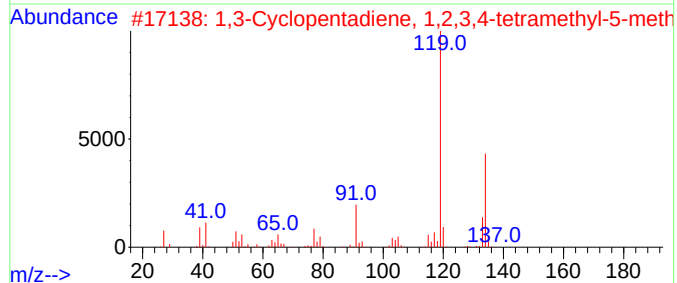
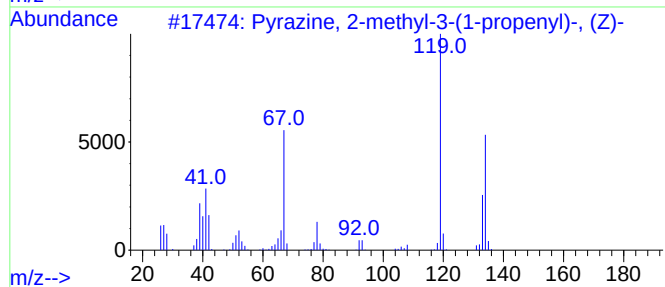
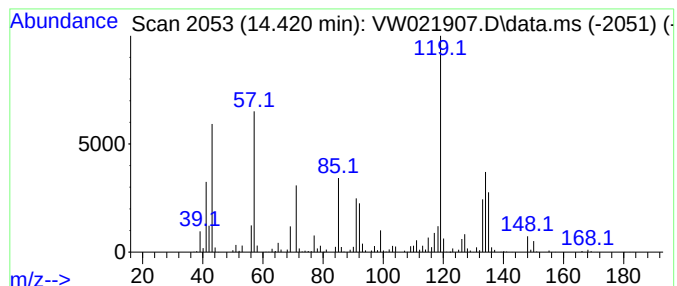
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 unknown-02

Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	44.31 ug/L	3032270	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrazine, 2-methyl-3-(1-propenyl)...	134	C8H10N2	055138-65-3	46
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	43
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

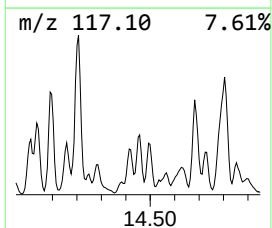
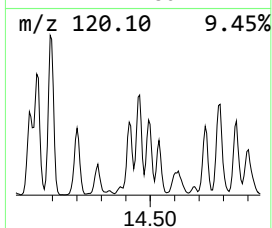
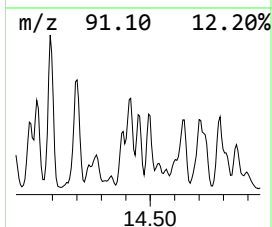
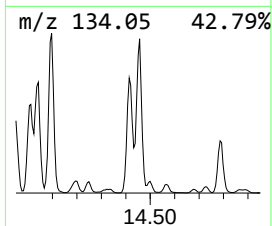
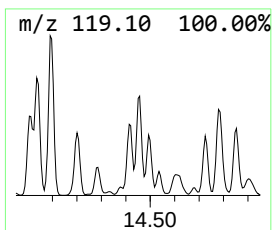
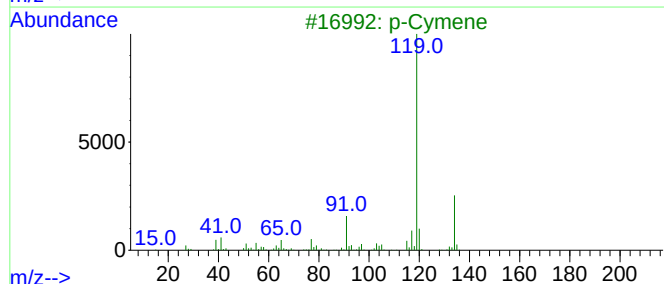
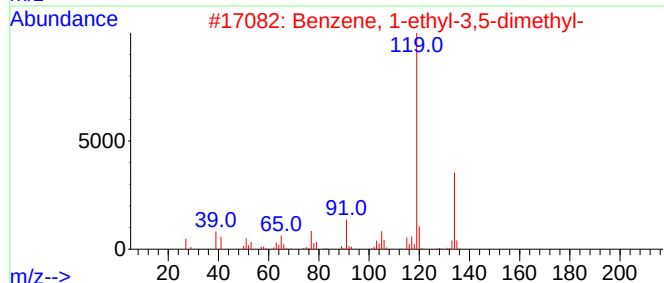
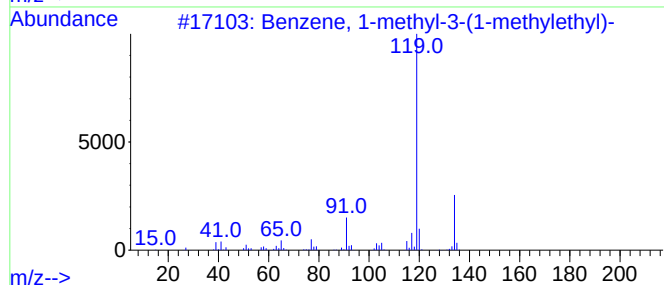
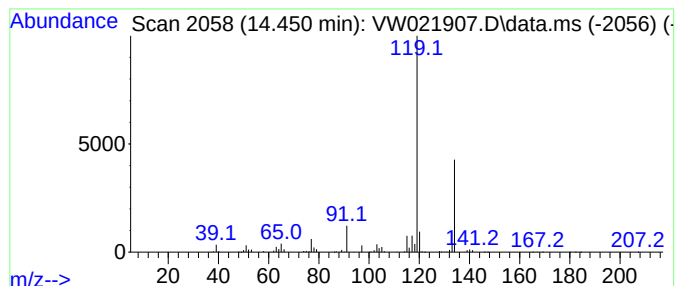
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Quant Title : SFAM01.0

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

Peak Number 53 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	34.47 ug/L	2358700	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			p-Cymene	134	C10H14	000099-87-6	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

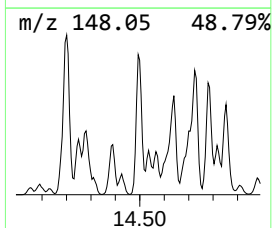
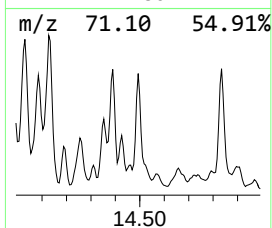
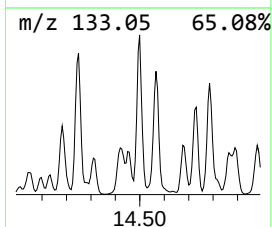
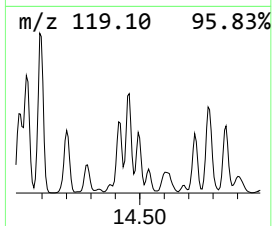
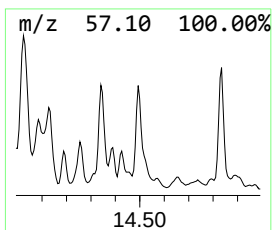
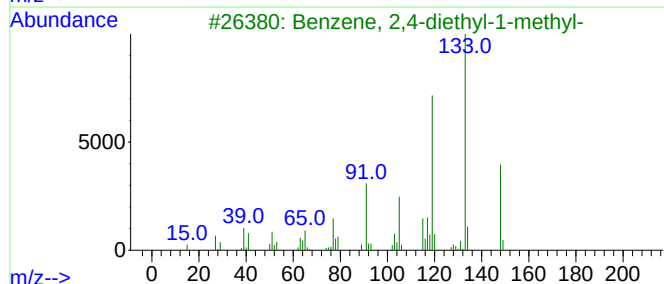
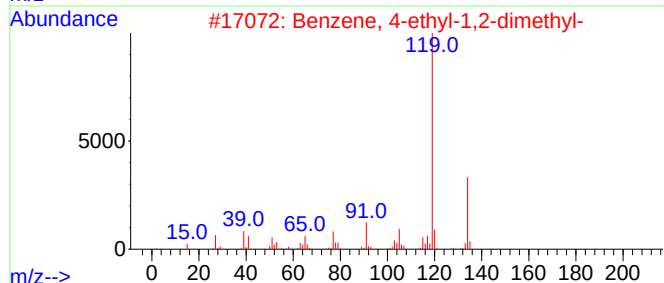
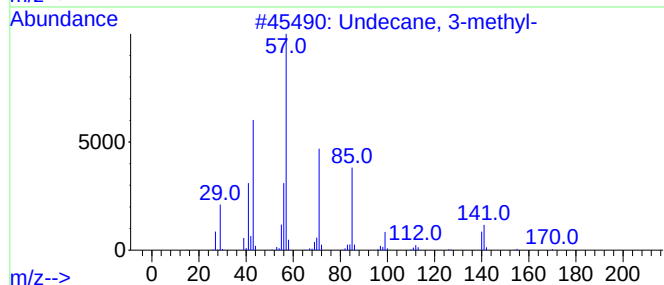
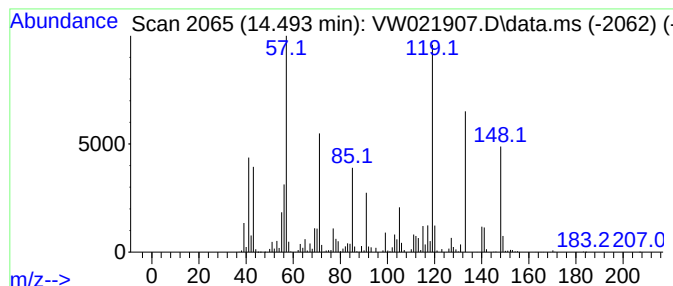
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Quant Title : SFAM01.0

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	56.43 ug/L	3861830	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	35
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	30
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	27
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	25
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

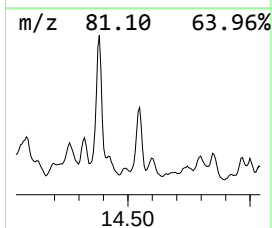
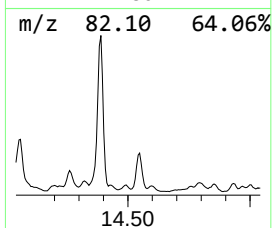
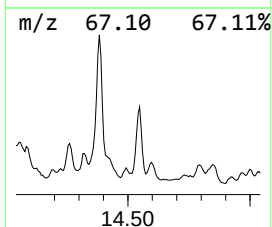
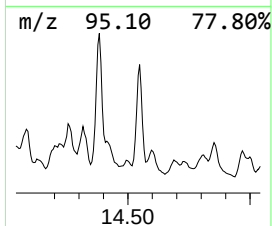
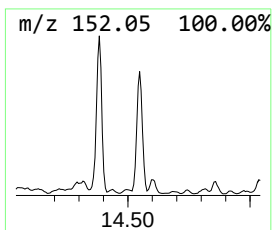
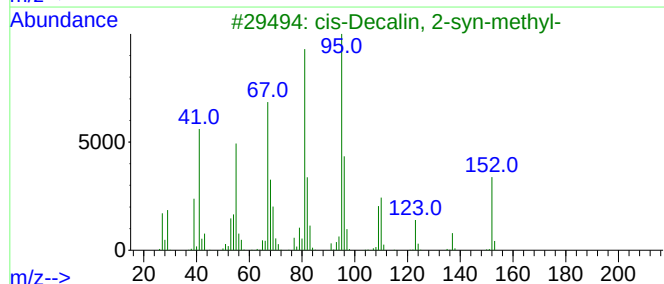
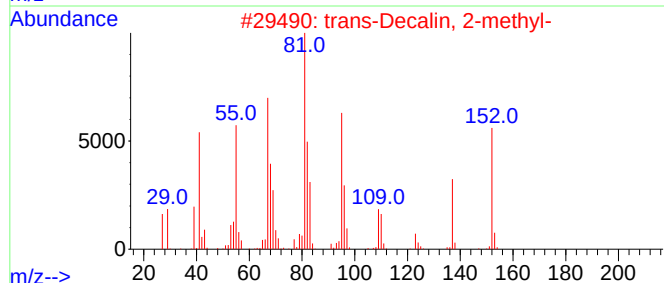
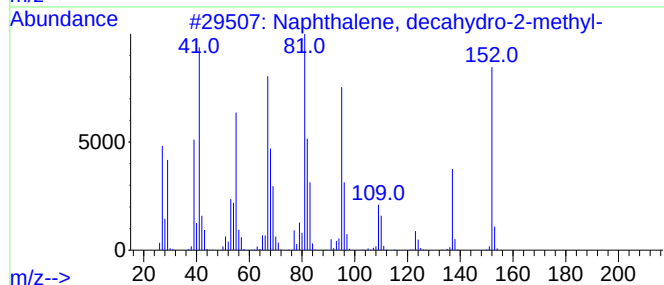
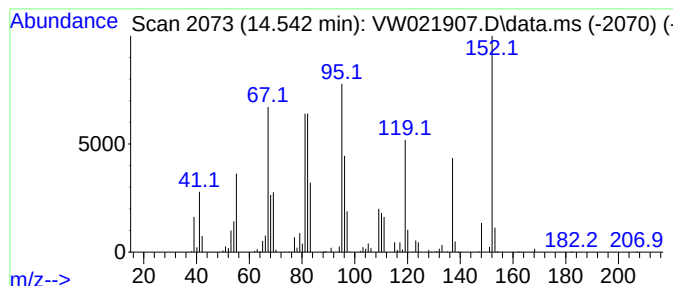
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Quant Title : SFAM01.0

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

Peak Number 55 Naphthalene, decahydro-2-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	34.79 ug/L	2381020	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	52
5			8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

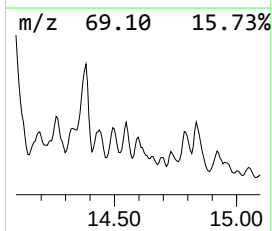
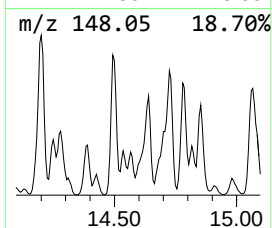
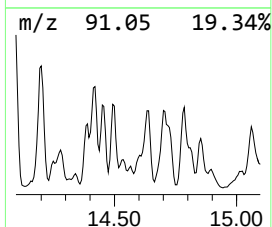
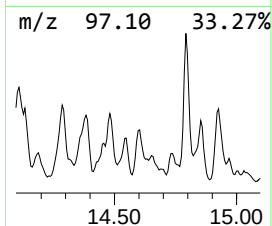
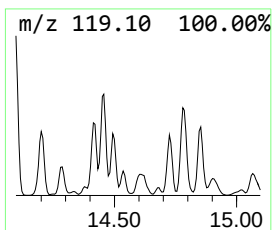
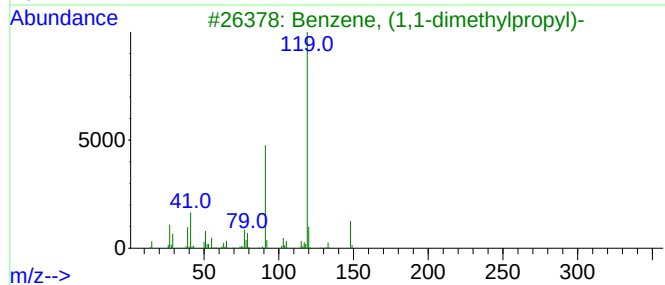
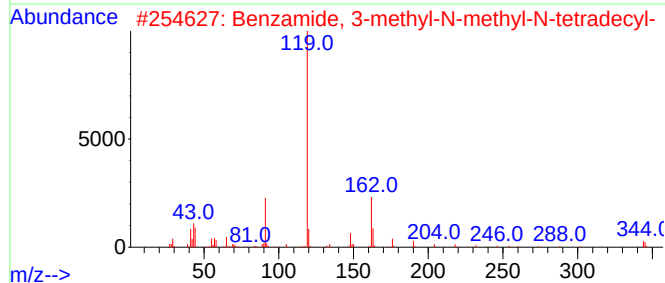
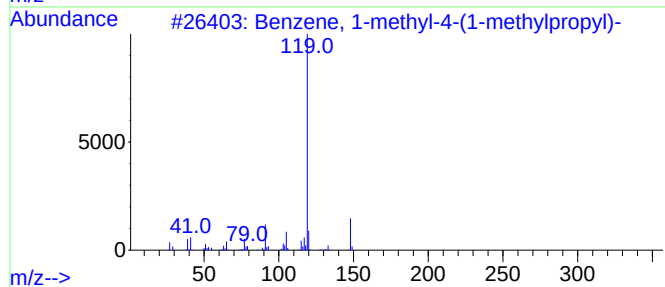
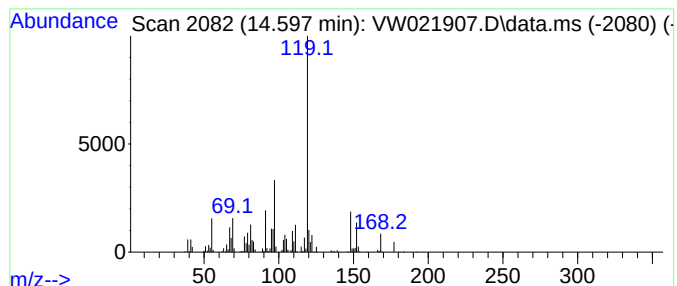
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 unknown-03

Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.597	9.30 ug/L	636206	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2			Benzamide, 3-methyl-N-methyl-N-t...	345	C23H39NO	1000420-28-0	43
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5			1,3-Benzenediol, O-(2-chlorobenz...	366	C21H15ClO4	1000345-54-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

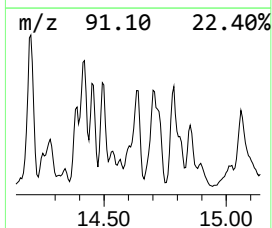
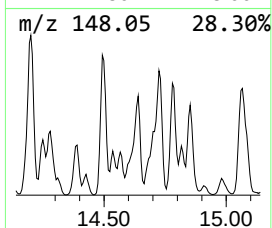
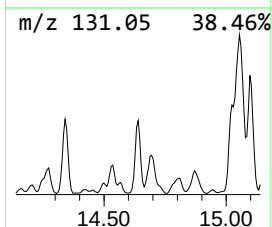
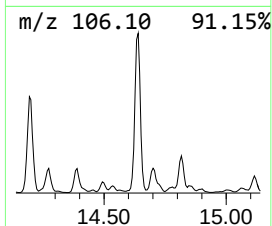
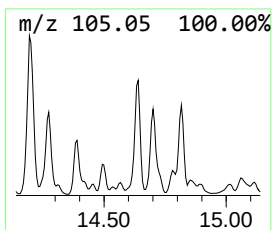
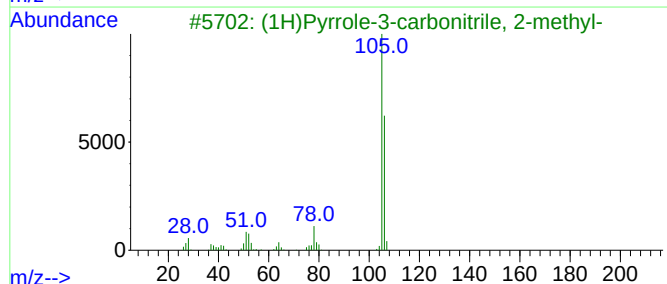
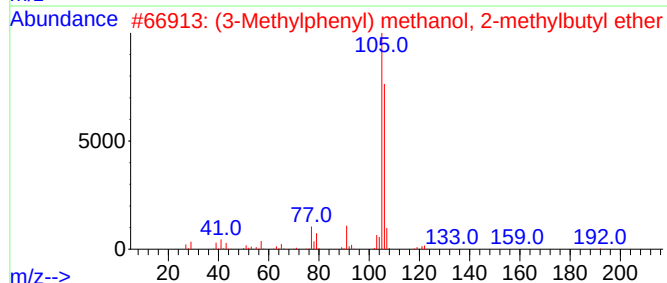
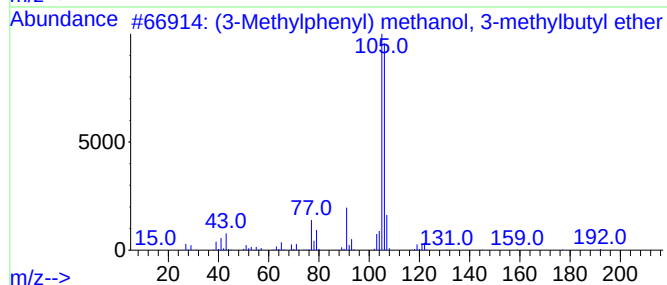
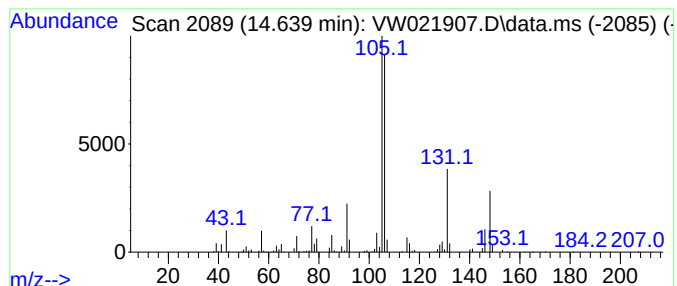
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 unknown-04

Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	21.66 ug/L	1482380	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	38
2			(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	32
3			(1H)Pyrrole-3-carbonitrile, 2-me...	106	C6H6N2	026187-27-9	32
4			(3-Methylphenyl) methanol, n-but...	178	C12H18O	1000374-44-2	32
5			Benzenamine, 4-propyl-	135	C9H13N	002696-84-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

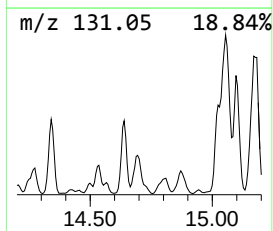
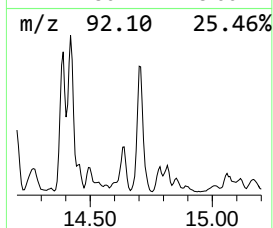
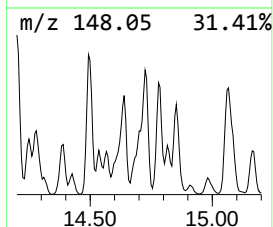
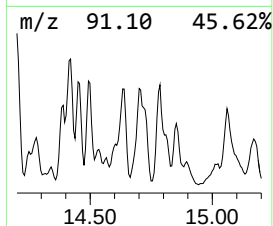
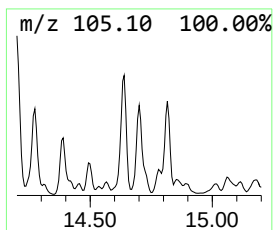
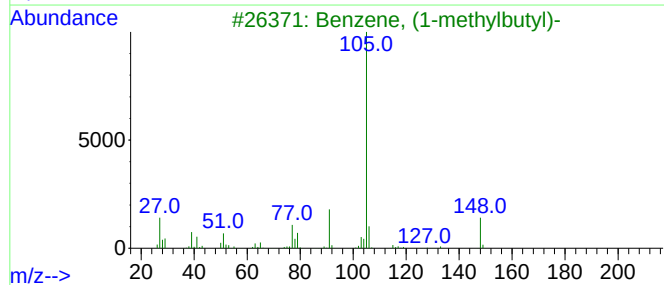
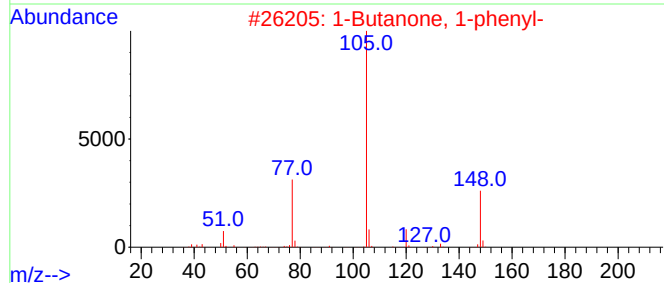
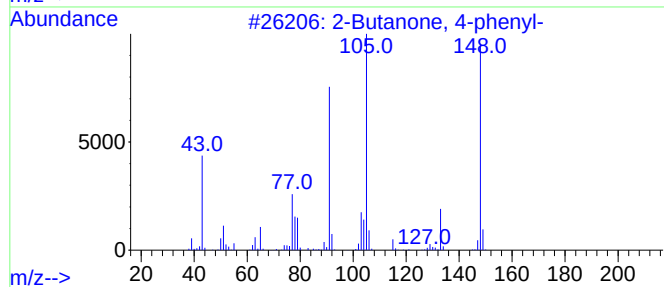
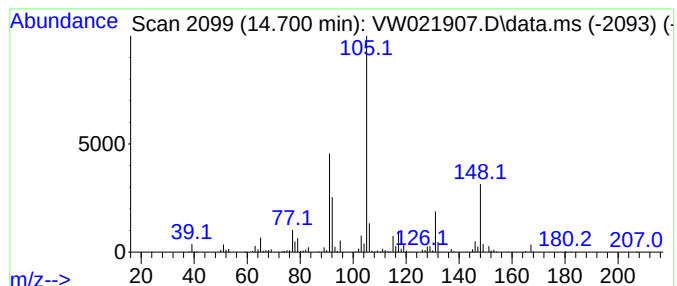
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Quant Title : SFAM01.0

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

Peak Number 58 unknown-05 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.700	12.57 ug/L	859991	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-phenyl-			148	C10H12O	002550-26-7	38
2	1-Butanone, 1-phenyl-			148	C10H12O	000495-40-9	38
3	Benzene, (1-methylbutyl)-			148	C11H16	002719-52-0	27
4	Benzene, (1-methylbutyl)-			148	C11H16	002719-52-0	25
5	2-Methylindan-2-ol			148	C10H12O	033223-84-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

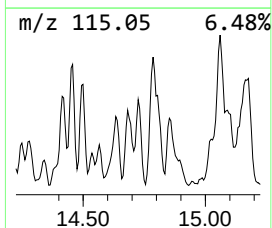
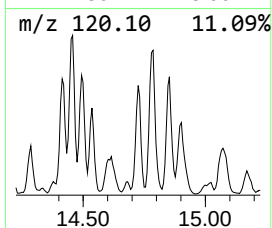
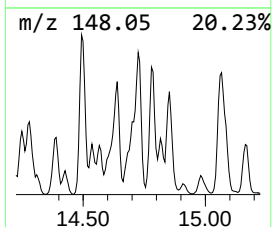
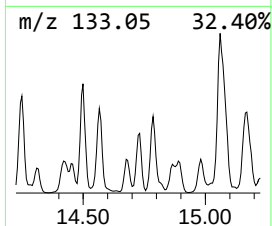
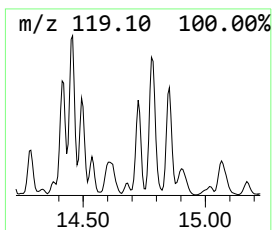
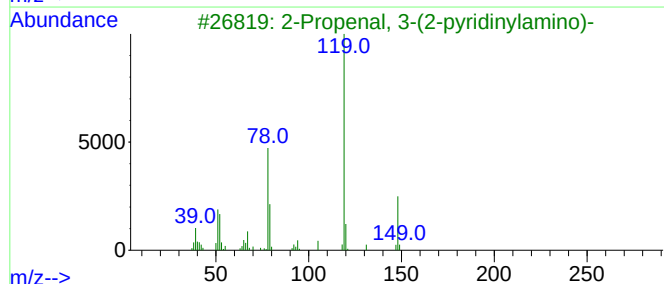
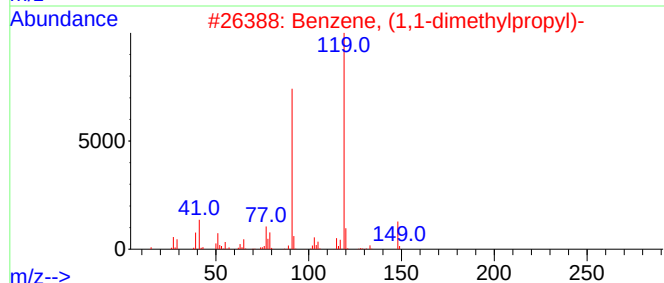
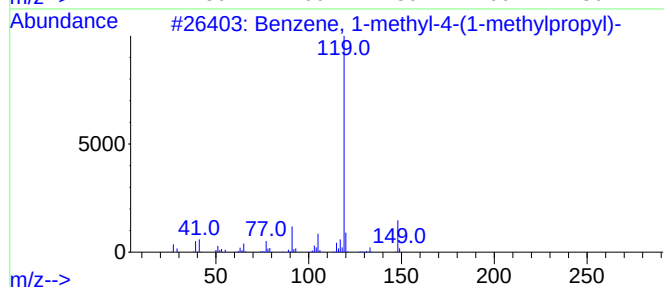
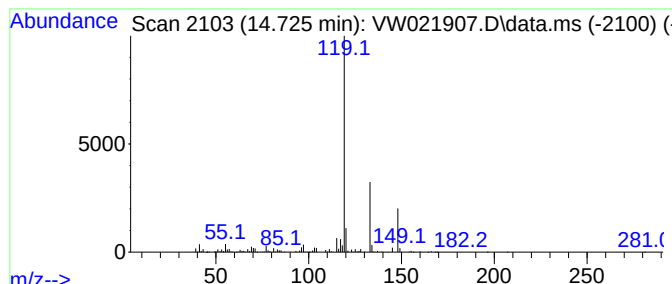
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Quant Title : SFAM01.0

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

Peak Number 59 Benzene, 1-methyl-4-(1-meth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	22.51 ug/L	1540630	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	59
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

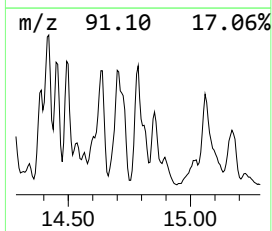
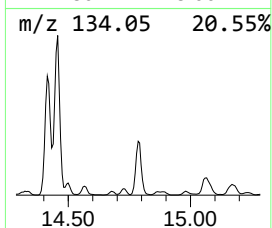
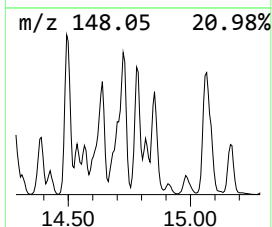
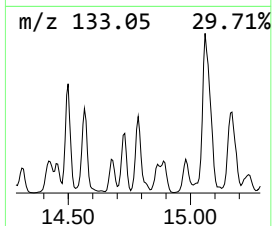
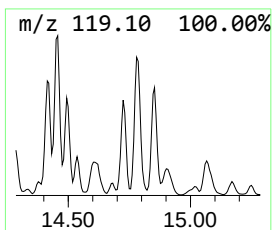
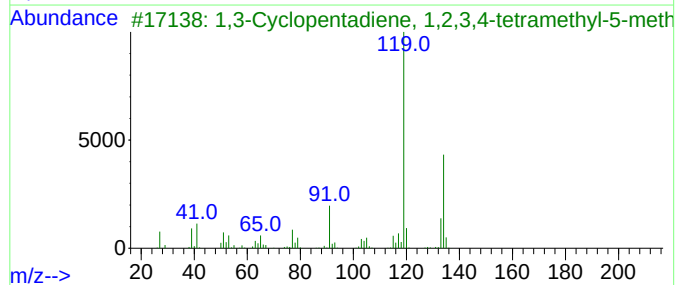
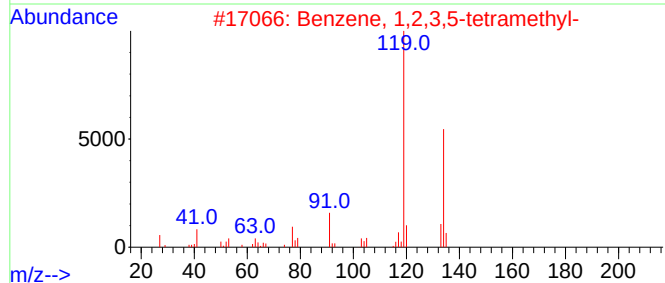
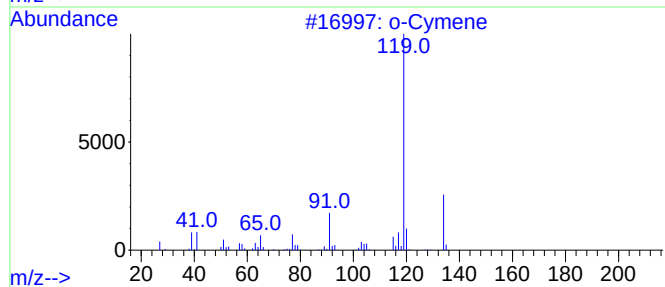
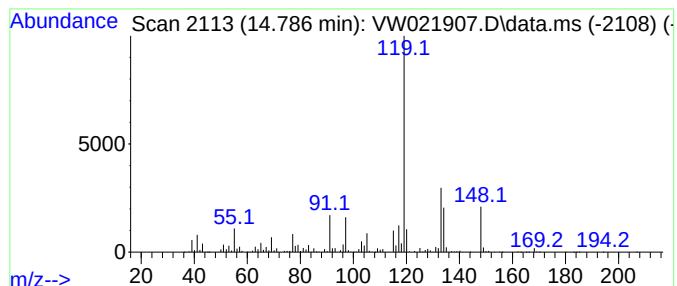
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Quant Title : SFAM01.0

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

Peak Number 60 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	52.42 ug/L	3587710	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	89
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

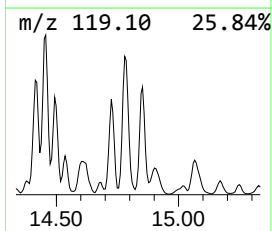
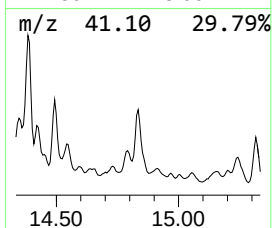
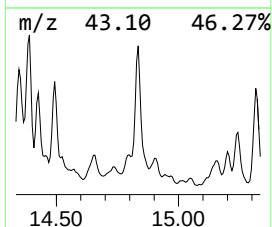
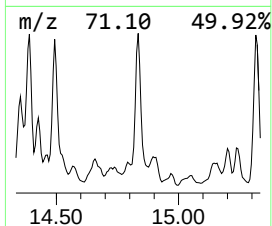
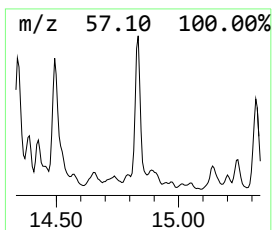
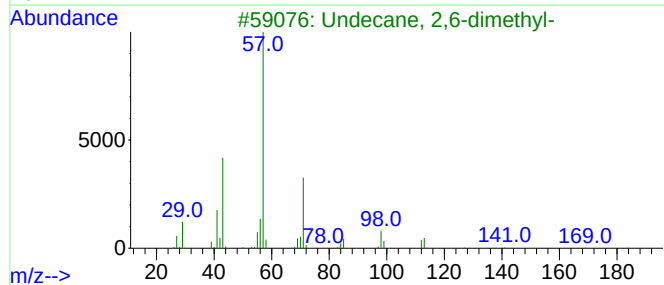
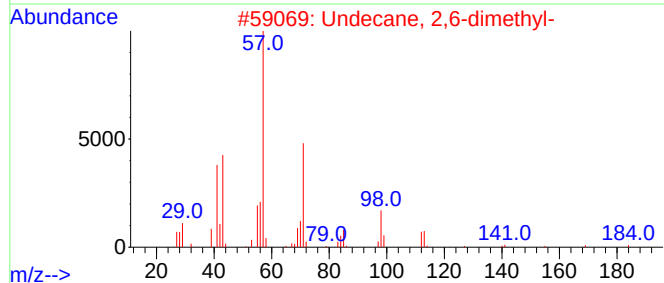
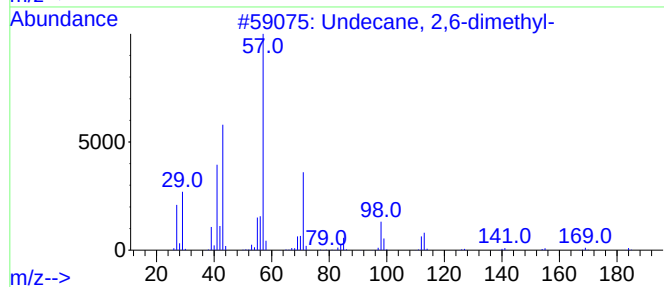
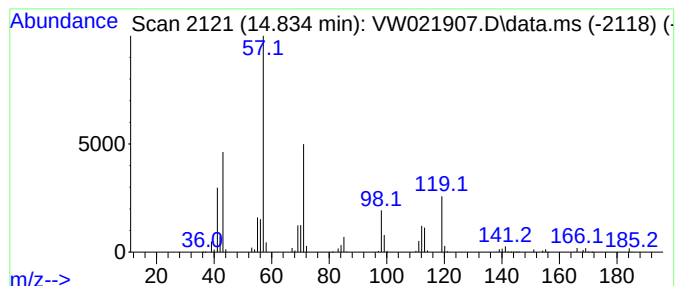
Instrument :
MSVOA_W
ClientSampleId :
BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.835	51.60 ug/L	3530960	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	76
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	59
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	52
4	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	50
5	Tridecane		184	C13H28	000629-50-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

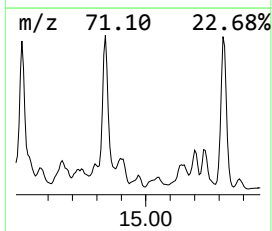
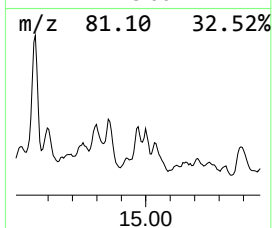
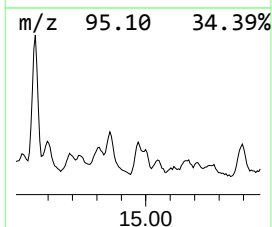
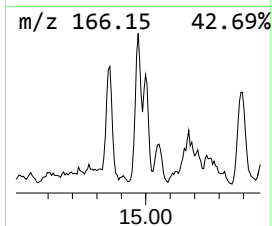
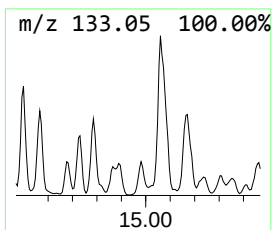
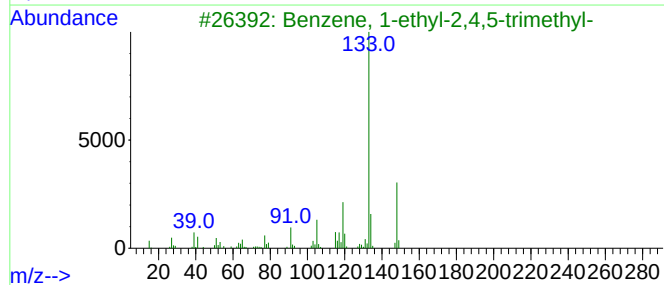
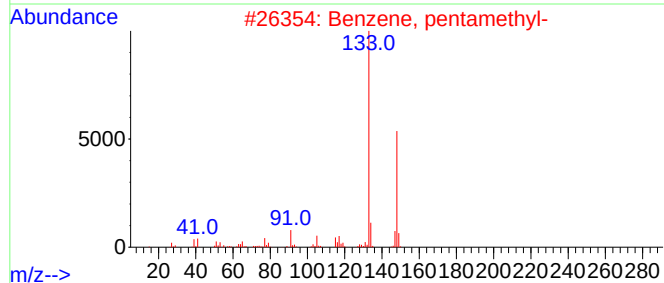
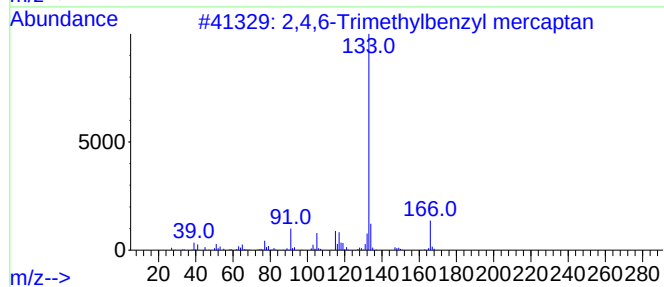
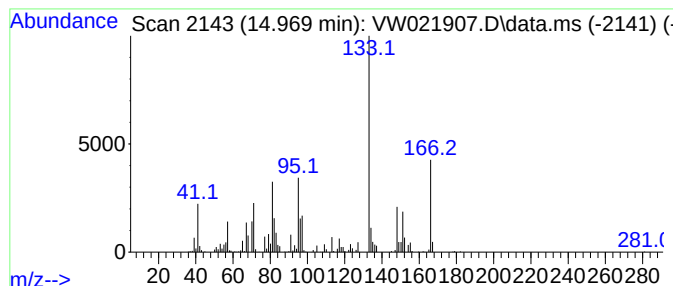
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Quant Title : SFAM01.0

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

Peak Number 62 unknown-06 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.969	2.54 ug/L	173484	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Trimethylbenzyl mercaptan	166	C10H14S	021411-42-7	47
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	38
3			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	38
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	35
5			4-Ethylbenzoic acid, 2-methylbut...	220	C14H20O2	1000331-30-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

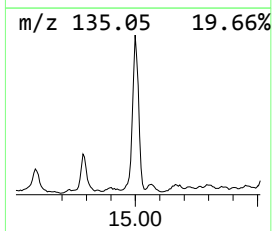
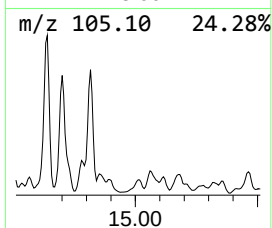
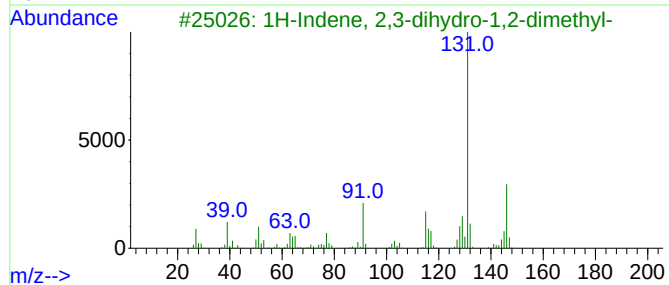
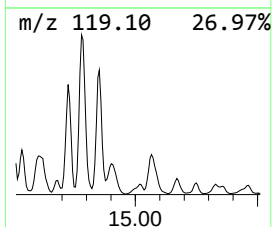
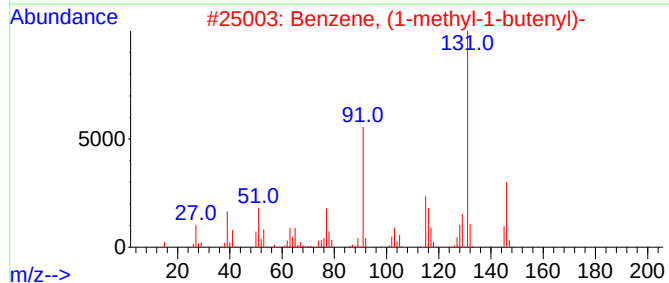
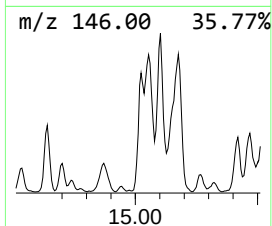
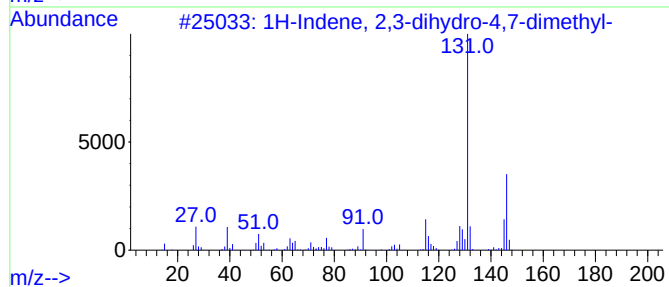
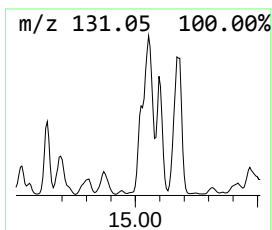
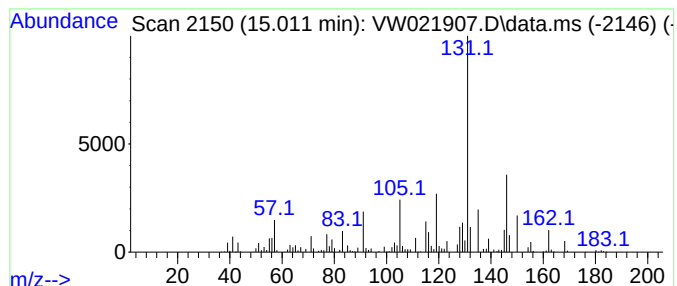
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Quant Title : SFAM01.0

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

Peak Number 63 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.011	8.07 ug/L	552592	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
4			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

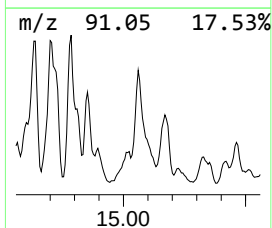
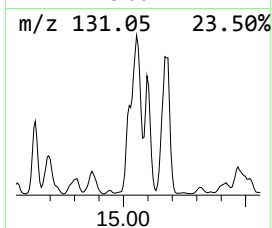
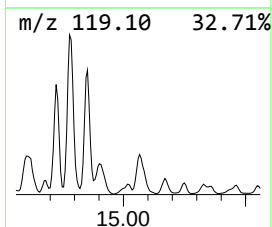
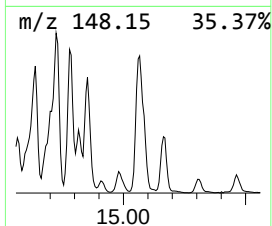
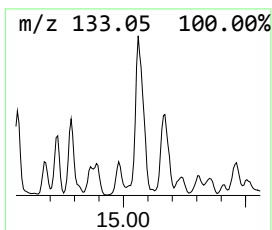
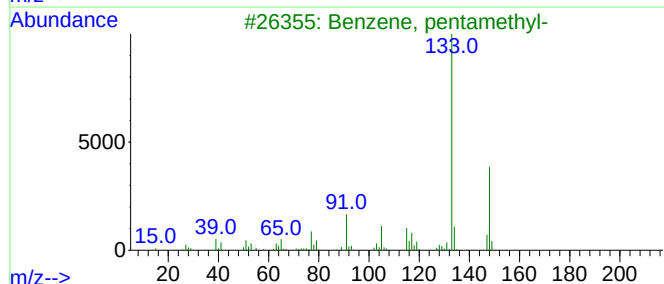
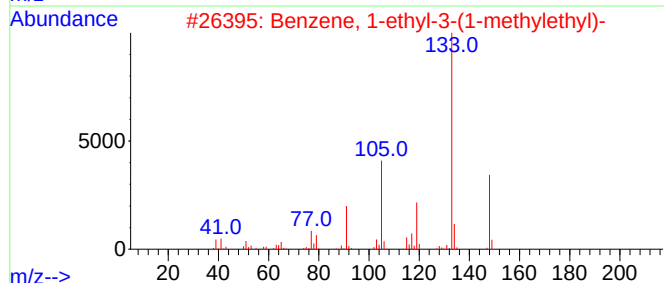
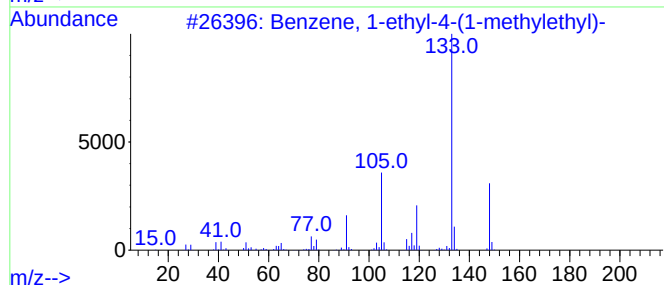
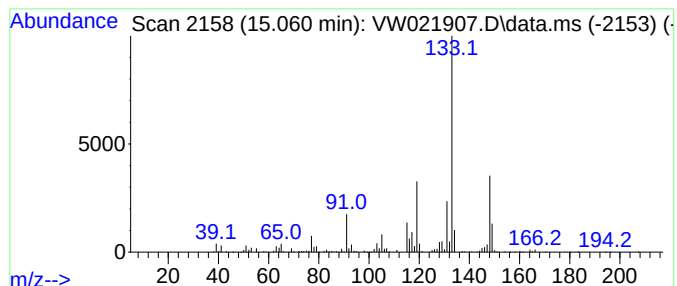
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Quant Title : SFAM01.0

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

Peak Number 64 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	44.35 ug/L	3035130	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	62
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

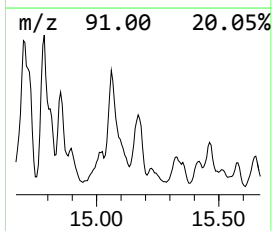
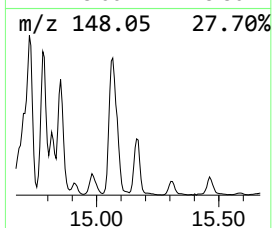
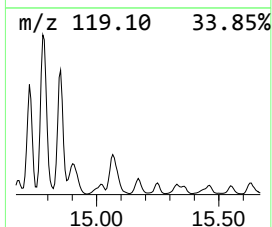
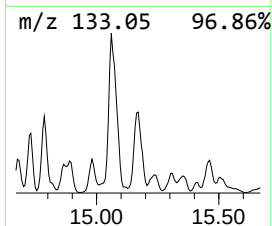
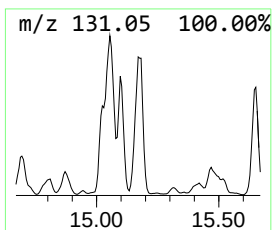
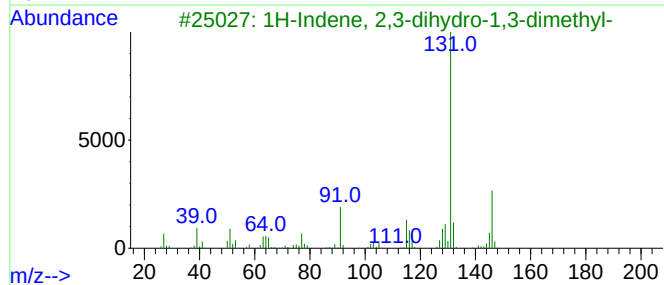
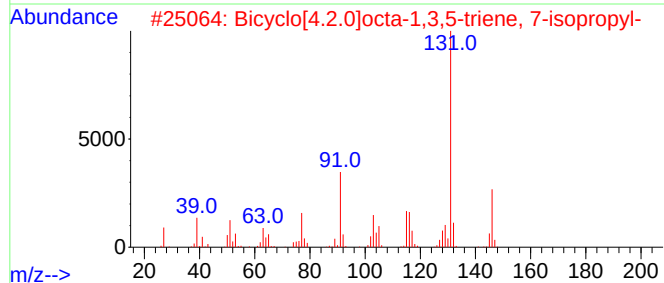
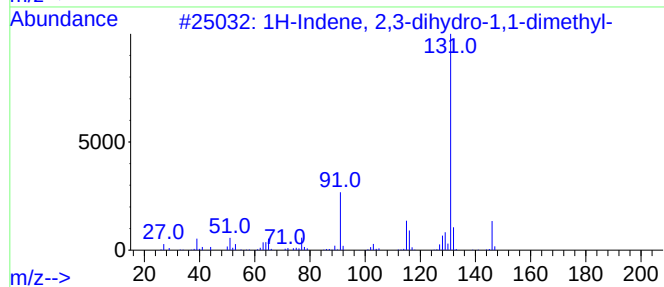
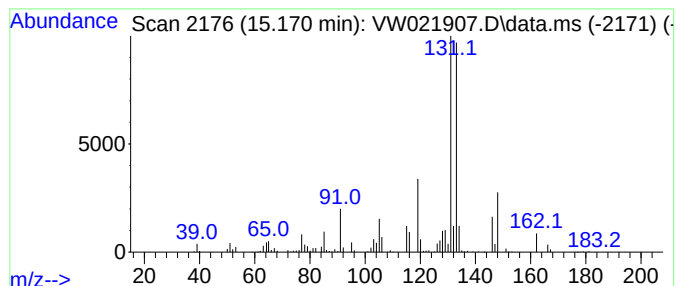
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Quant Title : SFAM01.0

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

Peak Number 65 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	28.37 ug/L	1941610	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	50
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
5			Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

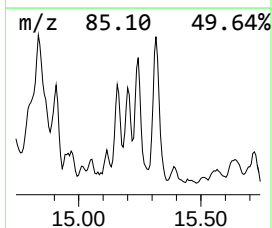
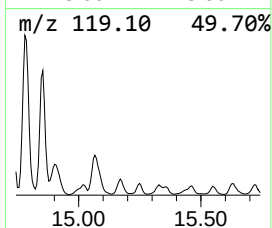
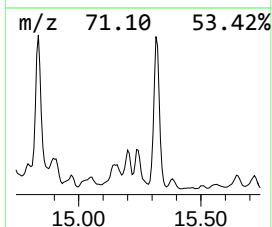
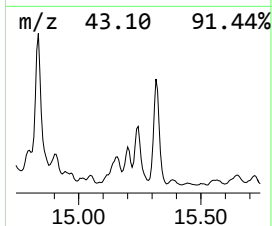
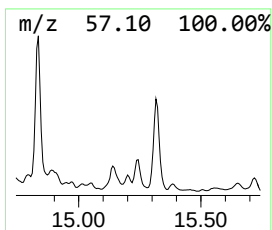
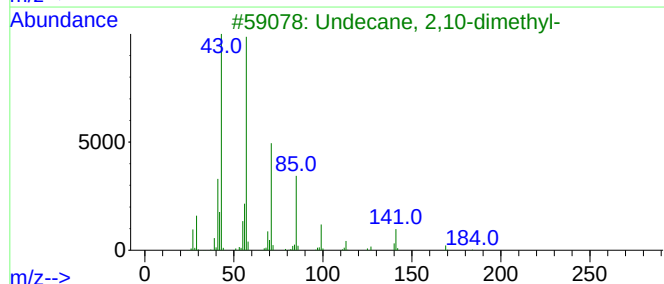
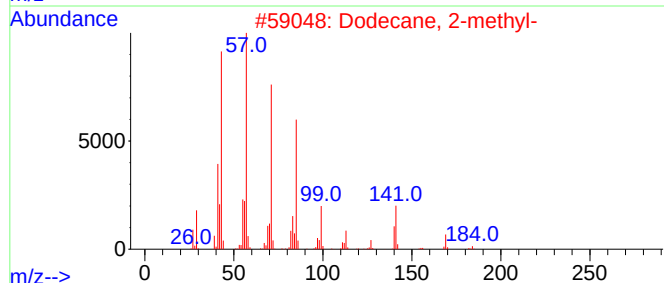
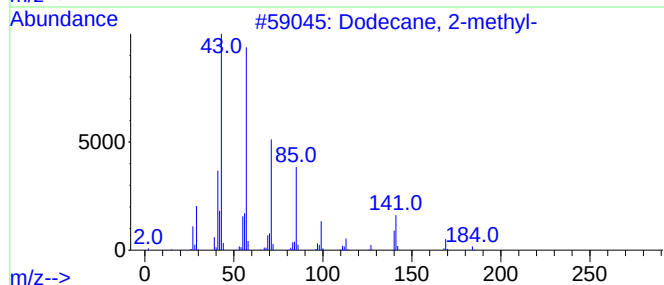
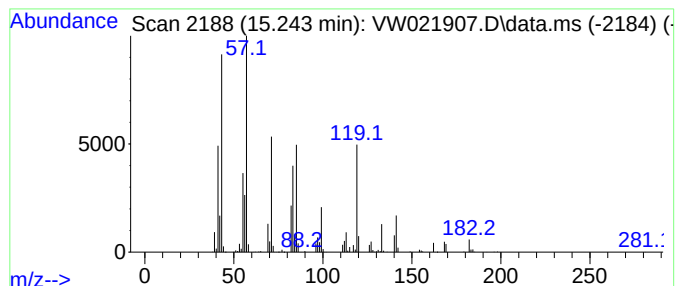
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Quant Title : SFAM01.0

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	22.72 ug/L	1555080	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	45
4			Hexadecane	226	C16H34	000544-76-3	43
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

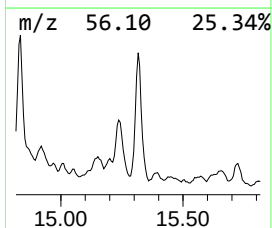
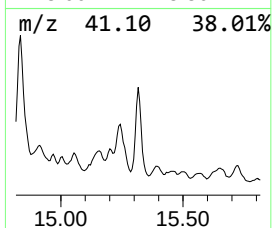
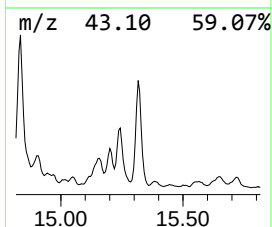
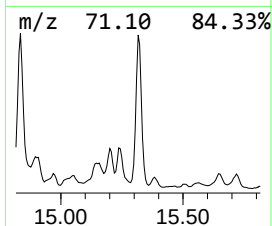
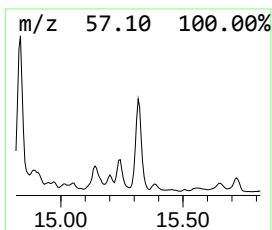
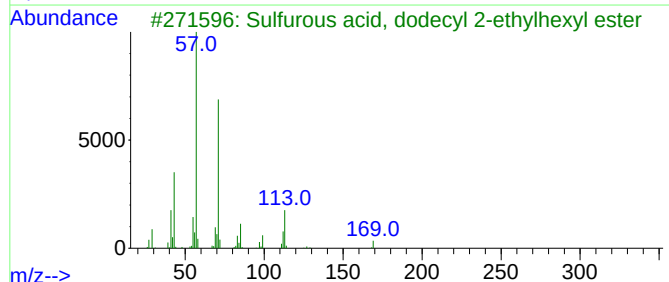
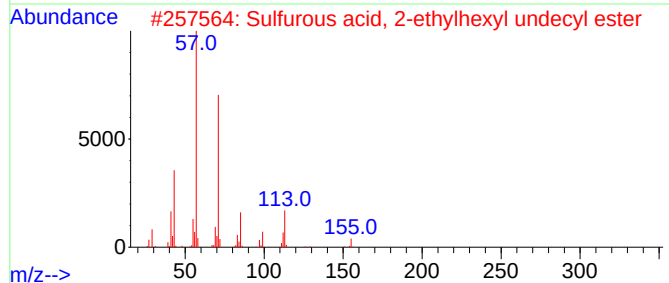
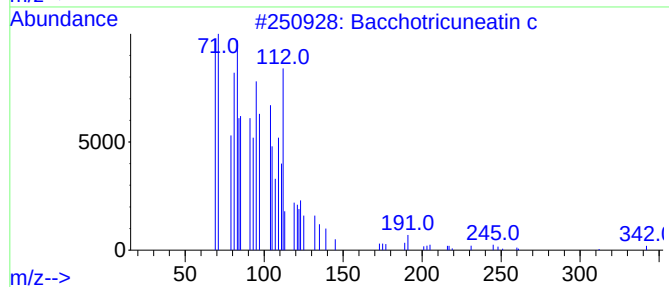
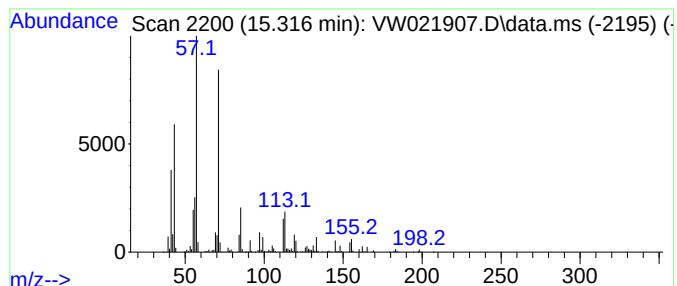
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Quant Title : SFAM01.0

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

Peak Number 67 Bacchotricuneatin c Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	30.02 ug/L	2054160	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
2			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

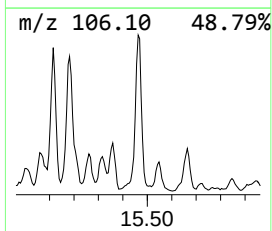
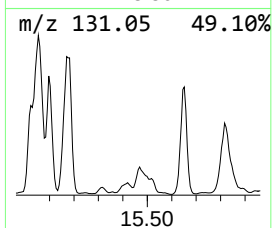
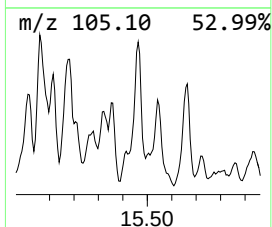
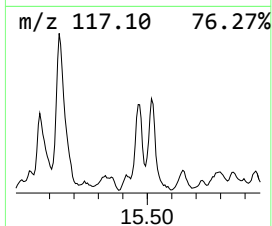
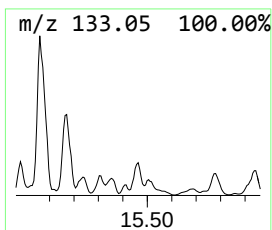
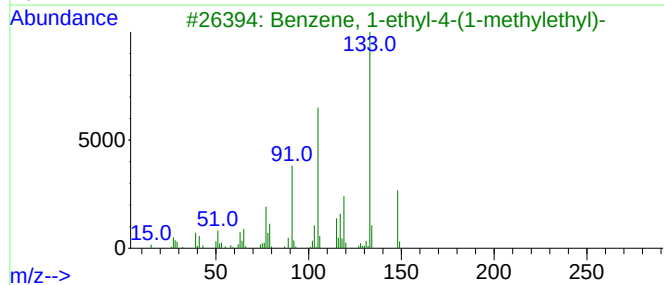
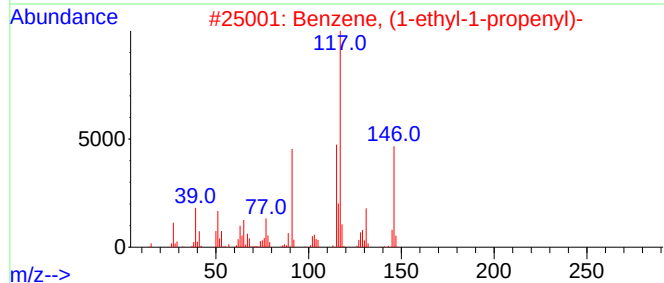
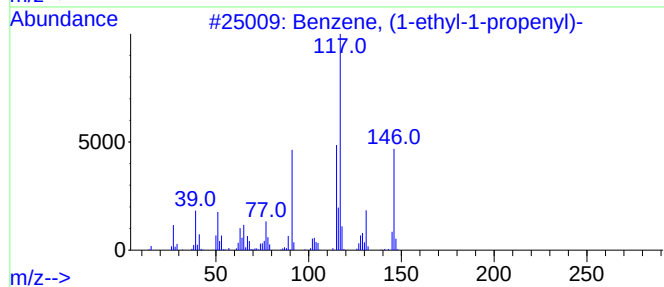
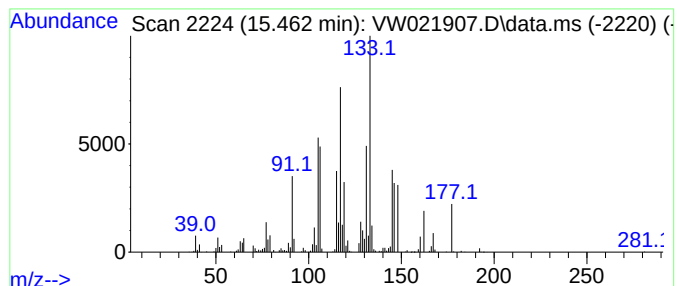
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Quant Title : SFAM01.0

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

Peak Number 68 unknown-07 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	6.38 ug/L	436903	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	35
2			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	35
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	30
4			Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	25
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

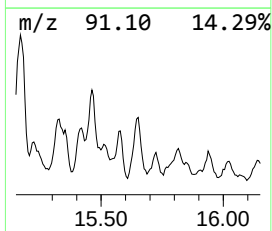
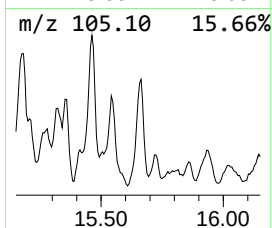
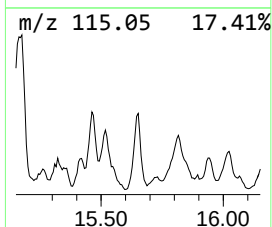
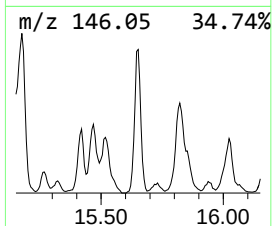
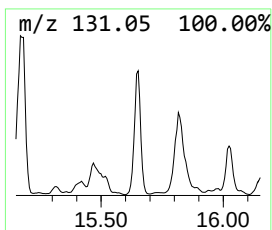
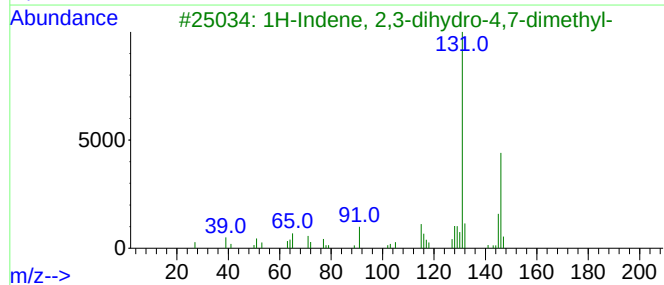
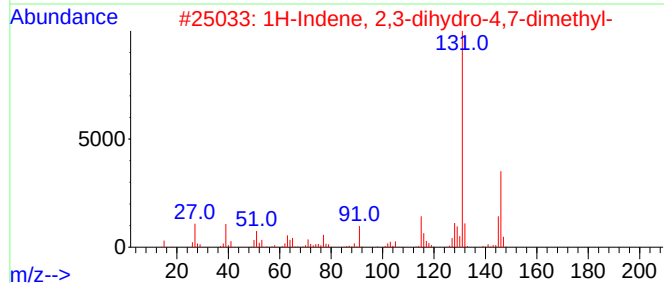
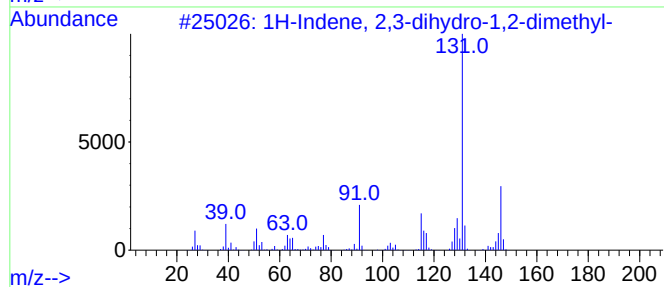
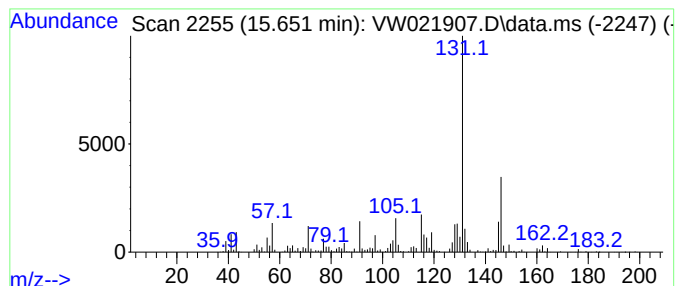
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Quant Title : SFAM01.0

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

Peak Number 69 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	20.21 ug/L	1383360	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	90
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
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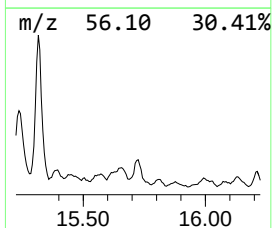
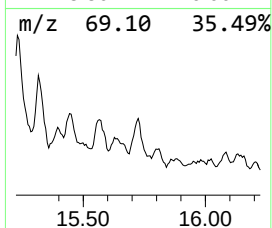
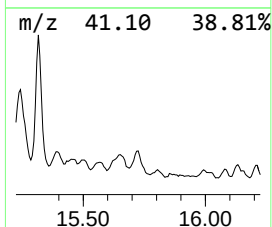
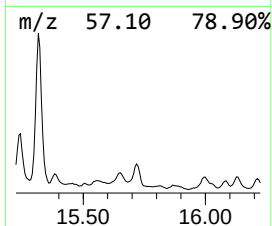
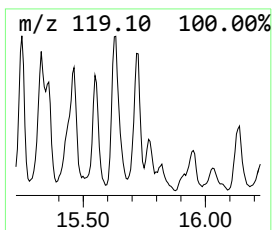
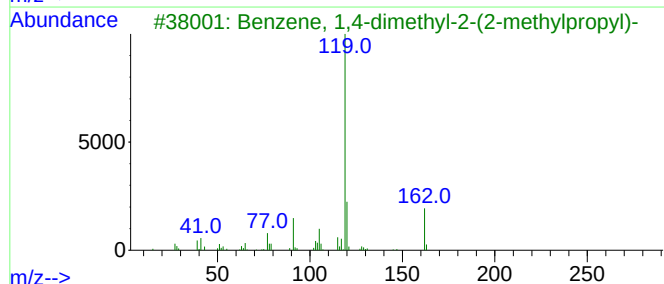
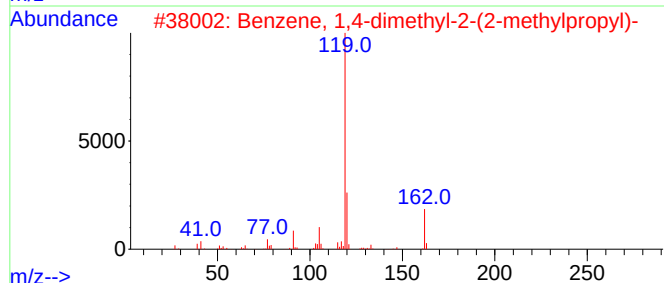
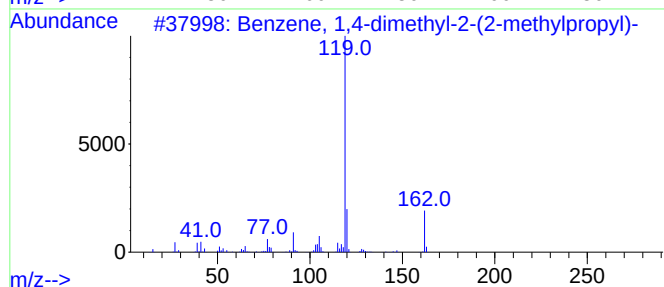
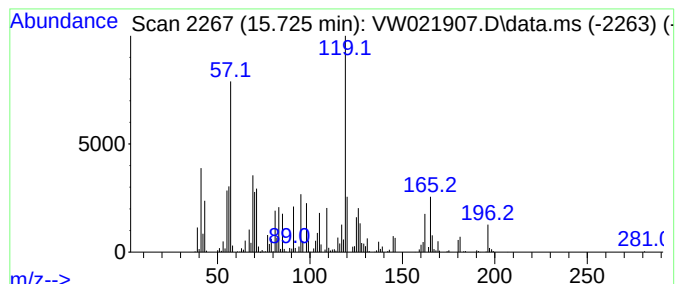
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 unknown-08

Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	7.30 ug/L	499836	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	38
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	35
3			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	35
4			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	30
5			Methanone, (4-methylphenyl)phenyl-	196	C14H12O	000134-84-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

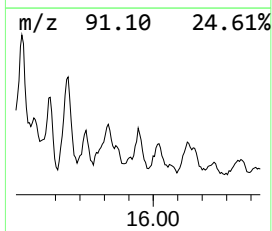
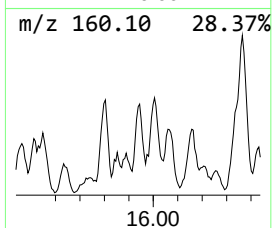
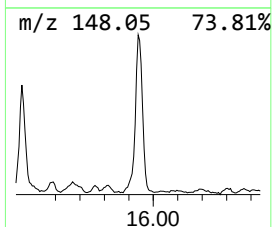
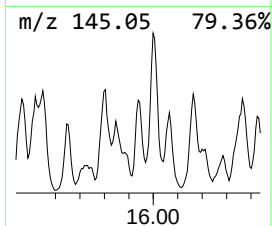
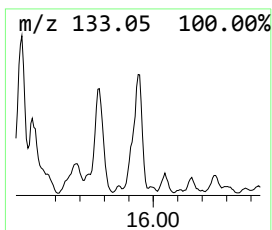
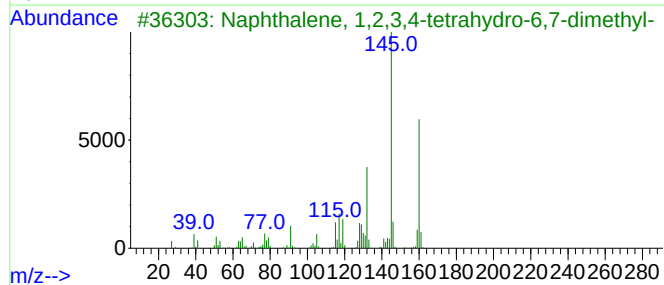
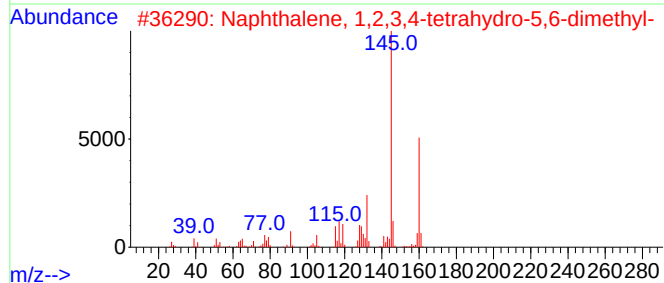
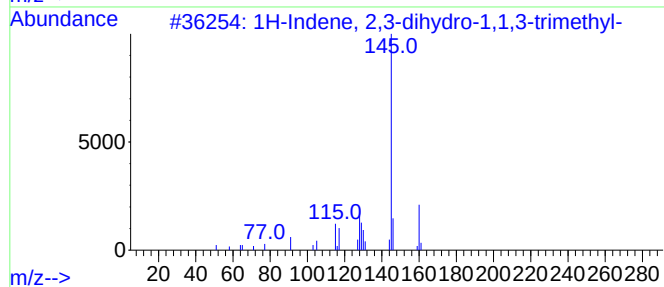
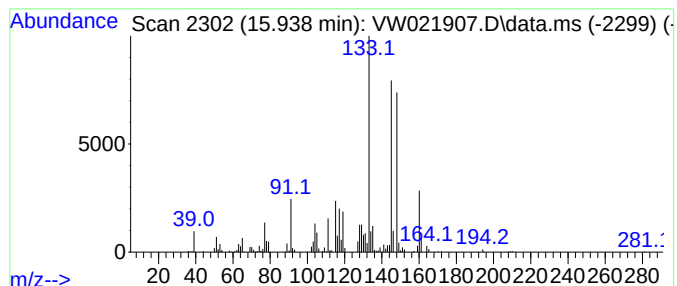
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Quant Title : SFAM01.0

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

Peak Number 71 unknown-09 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.938	3.94 ug/L	269367	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49		
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	46		
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46		
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	43		
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

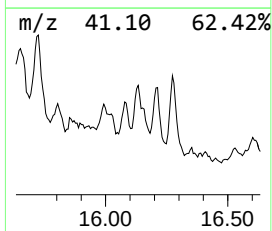
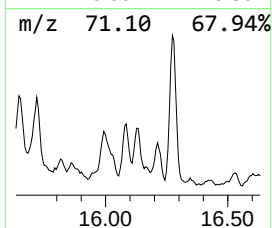
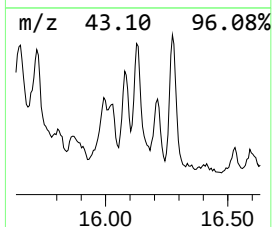
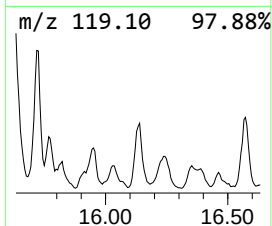
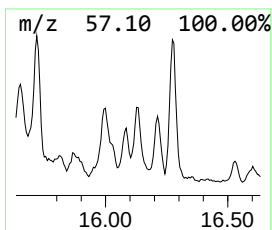
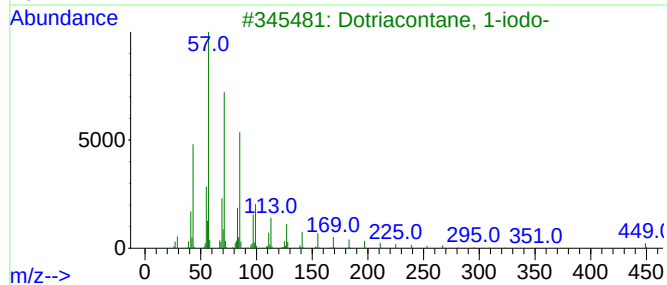
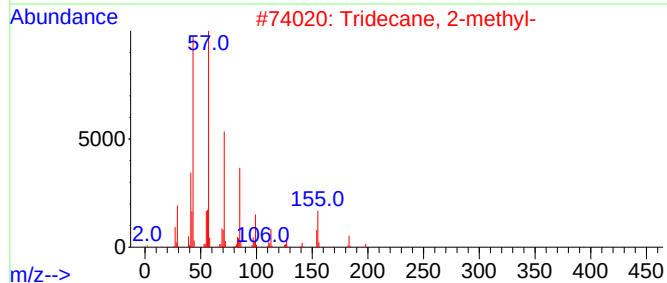
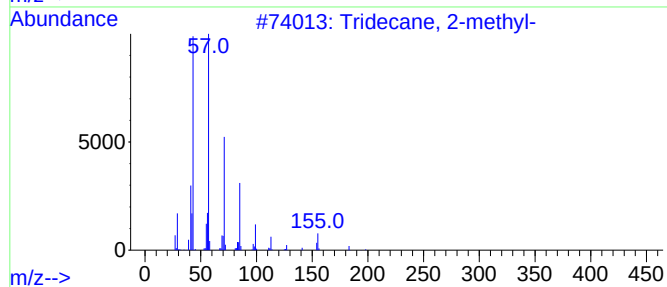
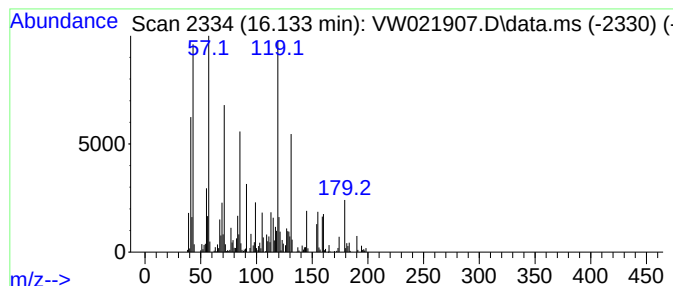
Instrument :
MSVOA_W
ClientSampleId :
BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.133	3.42 ug/L	234307	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-		198	C14H30	001560-96-9	38
2	Tridecane, 2-methyl-		198	C14H30	001560-96-9	25
3	Dotriacontane, 1-iodo-		576	C32H65I	1000406-32-4	25
4	Hentriacontane		437	C31H64	000630-04-6	22
5	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

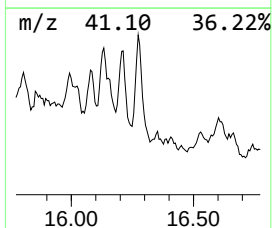
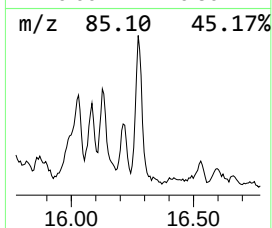
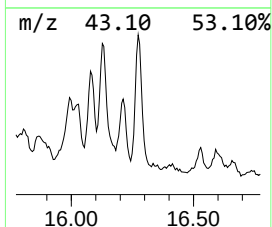
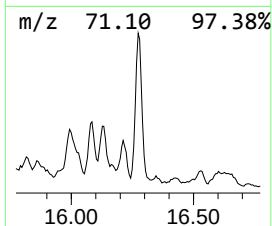
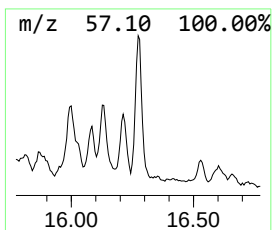
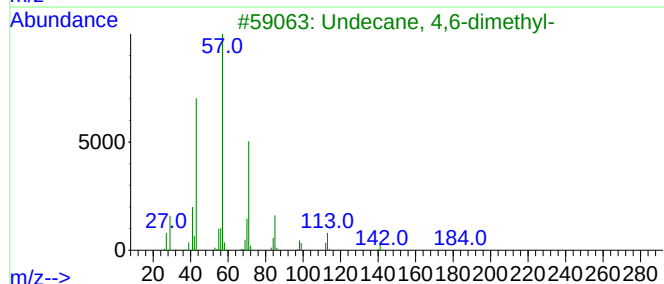
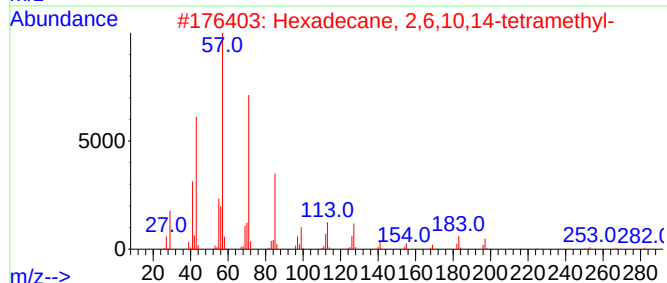
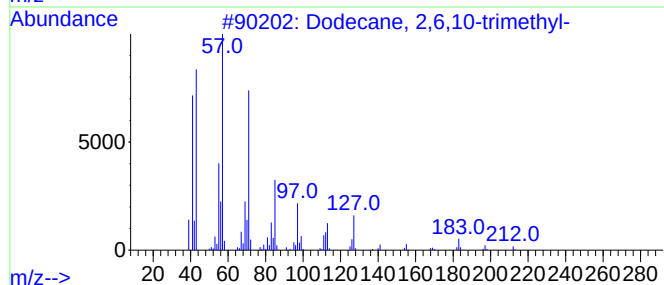
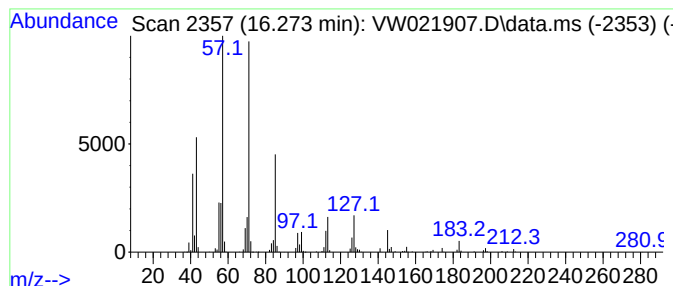
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Quant Title : SFAM01.0

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

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	5.11 ug/L	349698	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	74
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021907.D
Acq On : 14 Jan 2022 12:28
Operator : SY/VA
Sample : N1115-17
Misc : 6.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLS7

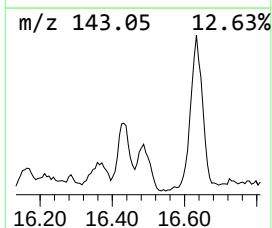
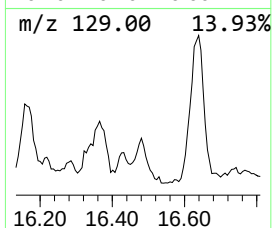
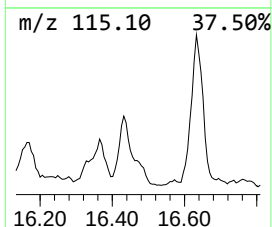
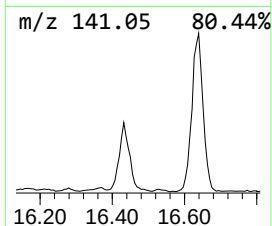
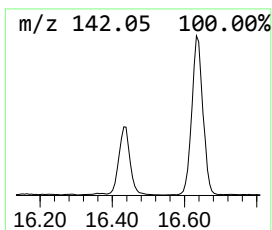
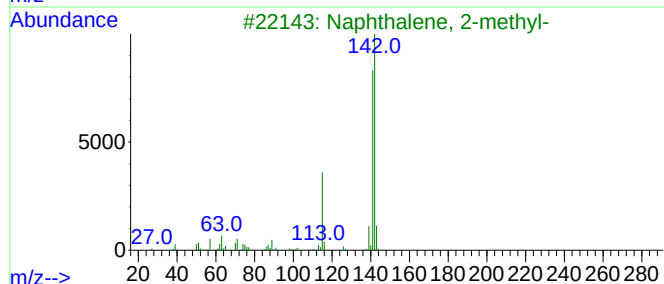
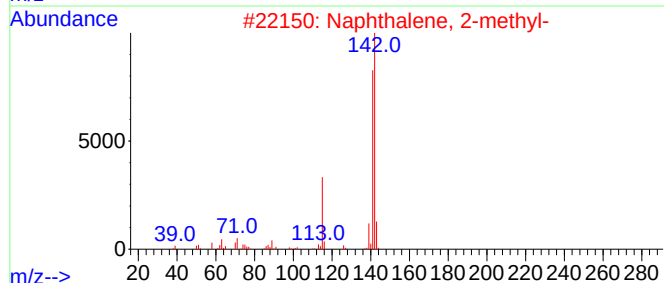
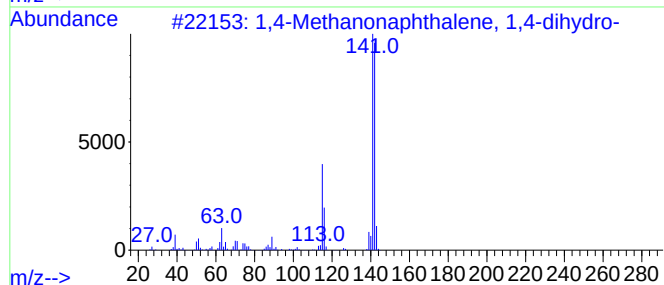
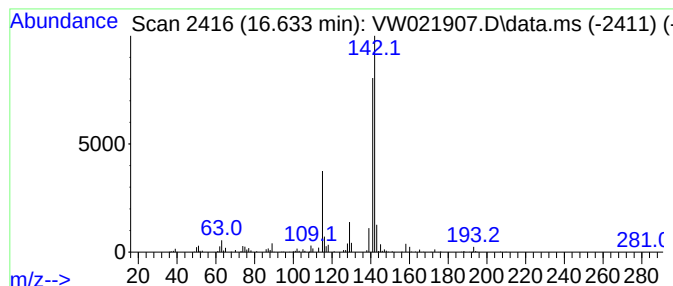
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Quant Title : SFAM01.0

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

Peak Number 74 1,4-Methanonaphthalene, 1,4... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	12.03 ug/L	823421	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	83
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021907.D
 Acq On : 14 Jan 2022 12:28
 Operator : SY/VA
 Sample : N1115-17
 Misc : 6.32g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLS7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.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...	8.037	8.3	ug/L	125377	1	8.842	379956	25.0
(DEL) Alkane: S...	8.153	6.7	ug/L	102293	1	8.842	379956	25.0
(DEL) Alkane: S...	8.512	18.7	ug/L	284236	1	8.842	379956	25.0
(DEL) Alkane: S...	8.695	9.3	ug/L	141756	1	8.842	379956	25.0
(DEL) Alkane: S...	9.073	17.7	ug/L	269511	1	8.842	379956	25.0
(DEL) Alkane: S...	9.756	8.1	ug/L	122607	1	8.842	379956	25.0
(DEL) Alkane: S...	9.896	13.5	ug/L	205025	1	8.842	379956	25.0
(DEL) Alkane: S...	9.957	11.4	ug/L	173099	1	8.842	379956	25.0
Butanoic acid, ...	10.098	18.2	ug/L	276939	1	8.842	379956	25.0
(DEL) Alkane: C...	10.506	10.6	ug/L	141205	2	11.628	333728	25.0
(DEL) Alkane: C...	10.665	9.4	ug/L	126028	2	11.628	333728	25.0
(DEL) Alkane: C...	10.756	16.5	ug/L	220273	2	11.628	333728	25.0
(DEL) Alkane: S...	10.847	12.1	ug/L	161253	2	11.628	333728	25.0
(DEL) Alkane: C...	11.000	10.0	ug/L	133192	2	11.628	333728	25.0
(DEL) Alkane: S...	11.030	29.1	ug/L	388351	2	11.628	333728	25.0
(DEL) Alkane: C...	11.110	11.6	ug/L	155318	2	11.628	333728	25.0
(DEL) Alkane: C...	11.183	20.0	ug/L	267555	2	11.628	333728	25.0
(DEL) Alkane: C...	11.232	15.4	ug/L	204912	2	11.628	333728	25.0
(DEL) Alkane: S...	11.274	12.7	ug/L	169731	2	11.628	333728	25.0
(DEL) Alkane: S...	11.335	25.6	ug/L	341546	2	11.628	333728	25.0
(DEL) Alkane: S...	11.408	138.8	ug/L	1853060	2	11.628	333728	25.0
(DEL) Alkane: S...	11.512	98.9	ug/L	1319780	2	11.628	333728	25.0
(DEL) Alkane: C...	11.914	51.5	ug/L	688045	2	11.628	333728	25.0
(DEL) Alkane: S...	11.975	10.2	ug/L	135478	2	11.628	333728	25.0
(DEL) Alkane: S...	12.061	79.3	ug/L	1058670	2	11.628	333728	25.0
(DEL) Alkane: S...	12.250	254.9	ug/L	3402780	2	11.628	333728	25.0
(DEL) Alkane: S...	12.335	192.7	ug/L	2572450	2	11.628	333728	25.0
(DEL) Alkane: S...	12.365	207.6	ug/L	2771400	2	11.628	333728	25.0
(DEL) Alkane: S...	12.542	282.7	ug/L	3774020	2	11.628	333728	25.0
(DEL) Alkane: S...	12.621	2.7	ug/L	184887	3	13.554	1710880	25.0
(DEL) Alkane: C...	12.780	74.4	ug/L	5092490	3	13.554	1710880	25.0
(DEL) Alkane: S...	12.859	24.4	ug/L	1669220	3	13.554	1710880	25.0
(DEL) Alkane: S...	13.079	45.6	ug/L	3119950	3	13.554	1710880	25.0
(DEL) Alkane: S...	13.128	26.9	ug/L	1840740	3	13.554	1710880	25.0
(DEL) Alkane: S...	13.164	159.4	ug/L	10907400	3	13.554	1710880	25.0
(DEL) Alkane: S...	13.347	27.6	ug/L	1885340	3	13.554	1710880	25.0
unknown-01	13.377	6.0	ug/L	409147	3	13.554	1710880	25.0
(DEL) Alkane: S...	13.414	23.1	ug/L	1578390	3	13.554	1710880	25.0
(DEL) Alkane: C...	13.445	59.9	ug/L	4098010	3	13.554	1710880	25.0
(DEL) Alkane: S...	13.487	56.9	ug/L	3894130	3	13.554	1710880	25.0
(DEL) Alkane: C...	13.701	32.8	ug/L	2245520	3	13.554	1710880	25.0
Benzene, 1-meth...	13.749	43.3	ug/L	2963930	3	13.554	1710880	25.0
Benzene, 1-meth...	13.798	51.8	ug/L	3543200	3	13.554	1710880	25.0
(DEL) Alkane: C...	13.920	12.5	ug/L	857150	3	13.554	1710880	25.0
(DEL) Alkane: C...	13.981	25.7	ug/L	1757020	3	13.554	1710880	25.0
Benzene, 1-meth...	14.036	102.9	ug/L	7042280	3	13.554	1710880	25.0
o-Cymene	14.091	65.1	ug/L	4458150	3	13.554	1710880	25.0
Benzene, (1,1-d...	14.194	57.3	ug/L	3917640	3	13.554	1710880	25.0
(DEL) Alkane: S...	14.261	55.8	ug/L	3815250	3	13.554	1710880	25.0
(DEL) Alkane: S...	14.347	32.9	ug/L	2252650	3	13.554	1710880	25.0
(DEL) Alkane: C...	14.383	104.3	ug/L	7141450	3	13.554	1710880	25.0
unknown-02	14.420	44.3	ug/L	3032270	3	13.554	1710880	25.0

Benzene, 1-ethy...	14.450	34.5	ug/L	2358700	3	13.554	1710880	25.0
(DEL) Alkane: S...	14.493	56.4	ug/L	3861830	3	13.554	1710880	25.0
Naphthalene, de...	14.542	34.8	ug/L	2381020	3	13.554	1710880	25.0
unknown-03	14.597	9.3	ug/L	636206	3	13.554	1710880	25.0
unknown-04	14.639	21.7	ug/L	1482380	3	13.554	1710880	25.0
unknown-05	14.700	12.6	ug/L	859991	3	13.554	1710880	25.0
Benzene, 1-meth...	14.725	22.5	ug/L	1540630	3	13.554	1710880	25.0
Benzene, 1,2,3,...	14.786	52.4	ug/L	3587710	3	13.554	1710880	25.0
(DEL) Alkane: S...	14.835	51.6	ug/L	3530960	3	13.554	1710880	25.0
unknown-06	14.969	2.5	ug/L	173484	3	13.554	1710880	25.0
1H-Indene, 2,3-...	15.011	8.1	ug/L	552592	3	13.554	1710880	25.0
Benzene, 1-ethy...	15.060	44.4	ug/L	3035130	3	13.554	1710880	25.0
1H-Indene, 2,3-...	15.170	28.4	ug/L	1941610	3	13.554	1710880	25.0
(DEL) Alkane: S...	15.243	22.7	ug/L	1555080	3	13.554	1710880	25.0
Bacchotricuneat...	15.316	30.0	ug/L	2054160	3	13.554	1710880	25.0
unknown-07	15.462	6.4	ug/L	436903	3	13.554	1710880	25.0
1H-Indene, 2,3-...	15.651	20.2	ug/L	1383360	3	13.554	1710880	25.0
unknown-08	15.725	7.3	ug/L	499836	3	13.554	1710880	25.0
unknown-09	15.938	3.9	ug/L	269367	3	13.554	1710880	25.0
(DEL) Alkane: S...	16.133	3.4	ug/L	234307	3	13.554	1710880	25.0
(DEL) Alkane: S...	16.273	5.1	ug/L	349698	3	13.554	1710880	25.0
1,4-Methanonaph...	16.633	12.0	ug/L	823421	3	13.554	1710880	25.0

Instrument :

MSVOA_W

ClientSampleId :

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