

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024165.D
 Acq On : 04 Aug 2022 17:04
 Operator : SY/VA
 Sample : N4008-08
 Misc : 5.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZF2

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\SFAMWLM080422SMA.M
 Title : SFAM01.0

Signal : TIC: VW024165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.921	977	987	999	rBV3	371442	1454212	0.79%	0.061%
2	8.153	1015	1025	1032	rVV	518393	1197293	0.65%	0.050%
3	8.269	1039	1044	1048	rVV	178538	445288	0.24%	0.019%
4	8.427	1060	1070	1077	rVV3	199651	517862	0.28%	0.022%
5	8.574	1088	1094	1104	rVV2	252875	577732	0.31%	0.024%
6	8.689	1104	1113	1124	rVB	1303065	2516505	1.37%	0.105%
7	9.329	1201	1218	1224	rBV	3104377	7435777	4.05%	0.311%
8	9.378	1224	1226	1235	rVV	480991	825748	0.45%	0.035%
9	9.604	1253	1263	1272	rVB2	364391	997240	0.54%	0.042%
10	9.750	1279	1287	1298	rVB2	418553	845653	0.46%	0.035%
11	9.896	1298	1311	1315	rBV	552803	1054325	0.57%	0.044%
12	9.957	1315	1321	1325	rBV	2889779	5518472	3.00%	0.231%
13	10.092	1335	1343	1356	rVB	3034669	6768074	3.69%	0.283%
14	10.317	1373	1380	1384	rBV	2861530	5364787	2.92%	0.224%
15	10.384	1384	1391	1397	rVB	4030516	8183086	4.46%	0.342%
16	10.500	1403	1410	1418	rVB	5584642	9807716	5.34%	0.410%
17	10.616	1418	1429	1432	rBV4	298656	728605	0.40%	0.030%
18	10.665	1432	1437	1446	rVB	1730098	3136857	1.71%	0.131%
19	10.762	1446	1453	1457	rBV2	1123815	2331028	1.27%	0.097%
20	10.841	1462	1466	1472	rVB	1070475	1765047	0.96%	0.074%
21	10.933	1472	1481	1488	rBV	2737026	4713445	2.57%	0.197%
22	11.036	1488	1498	1505	rBV	2173388	4656663	2.54%	0.195%
23	11.110	1505	1510	1513	rVV2	919172	1454087	0.79%	0.061%
24	11.177	1513	1521	1525	rVV	3503001	6473026	3.52%	0.270%
25	11.232	1525	1530	1535	rVV	4257901	7526409	4.10%	0.314%
26	11.280	1535	1538	1542	rVV	635011	902762	0.49%	0.038%
27	11.335	1542	1547	1551	rVV	2904821	4792248	2.61%	0.200%
28	11.408	1551	1559	1570	rVB4	7929771	20410263	11.11%	0.853%
29	11.512	1570	1576	1582	rBV	7179536	11177738	6.09%	0.467%
30	11.725	1604	1611	1615	rBV2	2583816	4464866	2.43%	0.187%
31	11.762	1615	1617	1620	rVV	1125836	1503405	0.82%	0.063%
32	11.841	1620	1630	1635	rVV2	52810046	94405453	51.41%	3.944%
33	11.914	1639	1642	1648	rVB2	3354757	5475957	2.98%	0.229%
34	11.975	1648	1652	1654	rBV2	634492	1023306	0.56%	0.043%
35	12.061	1659	1666	1671	rVB3	1946730	4039214	2.20%	0.169%
36	12.164	1671	1683	1690	rBV2	15452594	40084501	21.83%	1.675%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Title : SFAM01.0

37	12.250	1690	1697	1702	rVB	9067592	14949791	8.14%	0.625%
38	12.341	1702	1712	1713	rBV4	6865241	14807993	8.06%	0.619%
39	12.463	1727	1732	1734	rBV4	1789206	3277018	1.78%	0.137%
40	12.506	1735	1739	1742	rVV3	4157110	7885100	4.29%	0.329%
41	12.542	1742	1745	1747	rVV	7861168	10505147	5.72%	0.439%
42	12.567	1747	1749	1754	rVB	9371524	11726085	6.39%	0.490%
43	12.622	1754	1758	1759	rBV3	2012707	2541091	1.38%	0.106%
44	12.652	1759	1763	1767	rVB	6955797	8904934	4.85%	0.372%
45	12.701	1767	1771	1775	rBV4	1827719	2941812	1.60%	0.123%
46	12.743	1775	1778	1780	rBV2	837552	1123498	0.61%	0.047%
47	12.780	1780	1784	1791	rVB3	8705719	17805415	9.70%	0.744%
48	12.865	1791	1798	1801	rBV2	21767117	36212212	19.72%	1.513%
49	12.939	1801	1810	1816	rVB3	68921885	126660401	68.97%	5.292%
50	12.993	1816	1819	1824	rVB3	8431172	12490679	6.80%	0.522%
51	13.042	1824	1827	1828	rBV2	987389	1080263	0.59%	0.045%
52	13.085	1829	1834	1836	rBV3	9176408	16433467	8.95%	0.687%
53	13.170	1843	1848	1854	rVB	34754893	50627595	27.57%	2.115%
54	13.250	1854	1861	1866	rBV2	42247937	71024038	38.67%	2.967%
55	13.292	1866	1868	1873	rVB	6253636	7683606	4.18%	0.321%
56	13.347	1873	1877	1880	rBV	7990413	12331106	6.71%	0.515%
57	13.378	1880	1882	1886	rVB	6790737	8362862	4.55%	0.349%
58	13.445	1886	1893	1897	rBV4	29614201	61176025	33.31%	2.556%
59	13.487	1897	1900	1904	rVV2	18300758	22063677	12.01%	0.922%
60	13.524	1904	1906	1908	rVB	7190452	5951710	3.24%	0.249%
61	13.554	1908	1911	1914	rBV	14280576	17572554	9.57%	0.734%
62	13.585	1914	1916	1920	rVB	19449457	24115572	13.13%	1.008%
63	13.627	1920	1923	1929	rVB2	21724076	29836929	16.25%	1.247%
64	13.701	1930	1935	1939	rBV5	10037679	20250939	11.03%	0.846%
65	13.749	1939	1943	1946	rBV	13625595	17352549	9.45%	0.725%
66	13.792	1946	1950	1958	rBV3	13889035	22893275	12.47%	0.957%
67	13.877	1958	1964	1969	rBV3	81909939	183648024	100.00%	7.673%
68	13.920	1969	1971	1975	rVB2	9720442	10537085	5.74%	0.440%
69	13.987	1978	1982	1985	rBV2	14623808	23153535	12.61%	0.967%
70	14.042	1987	1991	1995	rVV4	26451068	43247275	23.55%	1.807%
71	14.097	1996	2000	2004	rVB2	28983996	41539550	22.62%	1.736%
72	14.140	2004	2007	2012	rVB2	26287444	37453121	20.39%	1.565%
73	14.201	2012	2017	2022	rBV4	33001624	56460976	30.74%	2.359%
74	14.268	2022	2028	2034	rBV6	20408024	44902787	24.45%	1.876%
75	14.359	2034	2043	2044	rBV4	31267292	68932193	37.53%	2.880%
76	14.390	2044	2048	2052	rVV3	50070203	84942861	46.25%	3.549%

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 Title : SFAM01.0

77	14.432	2052	2055	2058	rVB3	19909371	21928590	11.94%	0.916%
78	14.499	2063	2066	2070	rVV3	33324807	41360375	22.52%	1.728%
79	14.554	2070	2075	2080	rVB7	39885812	70565858	38.42%	2.948%
80	14.603	2080	2083	2087	rBV4	10516284	16506526	8.99%	0.690%
81	14.731	2098	2104	2109	rVB5	72979726	135902818	74.00%	5.678%
82	14.798	2109	2115	2119	rVV3	53542779	113694280	61.91%	4.750%
83	14.847	2119	2123	2130	rVB4	54195868	112052322	61.01%	4.682%
84	14.963	2138	2142	2147	rVB2	27842344	50758098	27.64%	2.121%
85	15.011	2147	2150	2154	rBV5	6750580	8805770	4.79%	0.368%
86	15.066	2155	2159	2163	rVB5	10862278	16489255	8.98%	0.689%
87	15.170	2172	2176	2183	rVV4	11526381	25637823	13.96%	1.071%
88	15.249	2184	2189	2196	rVB6	17580486	49541678	26.98%	2.070%
89	15.322	2197	2201	2205	rBV2	18491408	28299458	15.41%	1.182%
90	15.365	2205	2208	2212	rVV	9833453	12728076	6.93%	0.532%
91	15.420	2212	2217	2222	rVB3	12074764	20718810	11.28%	0.866%
92	15.499	2227	2230	2235	rVV4	9256392	16157917	8.80%	0.675%
93	15.548	2235	2238	2247	rVB2	15326558	29899915	16.28%	1.249%
94	15.633	2247	2252	2253	rBV2	3498427	5327788	2.90%	0.223%
95	15.731	2263	2268	2275	rVB5	5750481	12787241	6.96%	0.534%
96	15.859	2285	2289	2299	rVB	11726991	20382452	11.10%	0.852%
97	16.170	2333	2340	2350	rVB3	5181426	13948270	7.60%	0.583%
98	16.365	2366	2372	2377	rVV	2002714	4181401	2.28%	0.175%
99	16.438	2377	2384	2404	rVB	10709645	25306380	13.78%	1.057%
100	16.639	2409	2417	2424	rVB	4736513	10466620	5.70%	0.437%

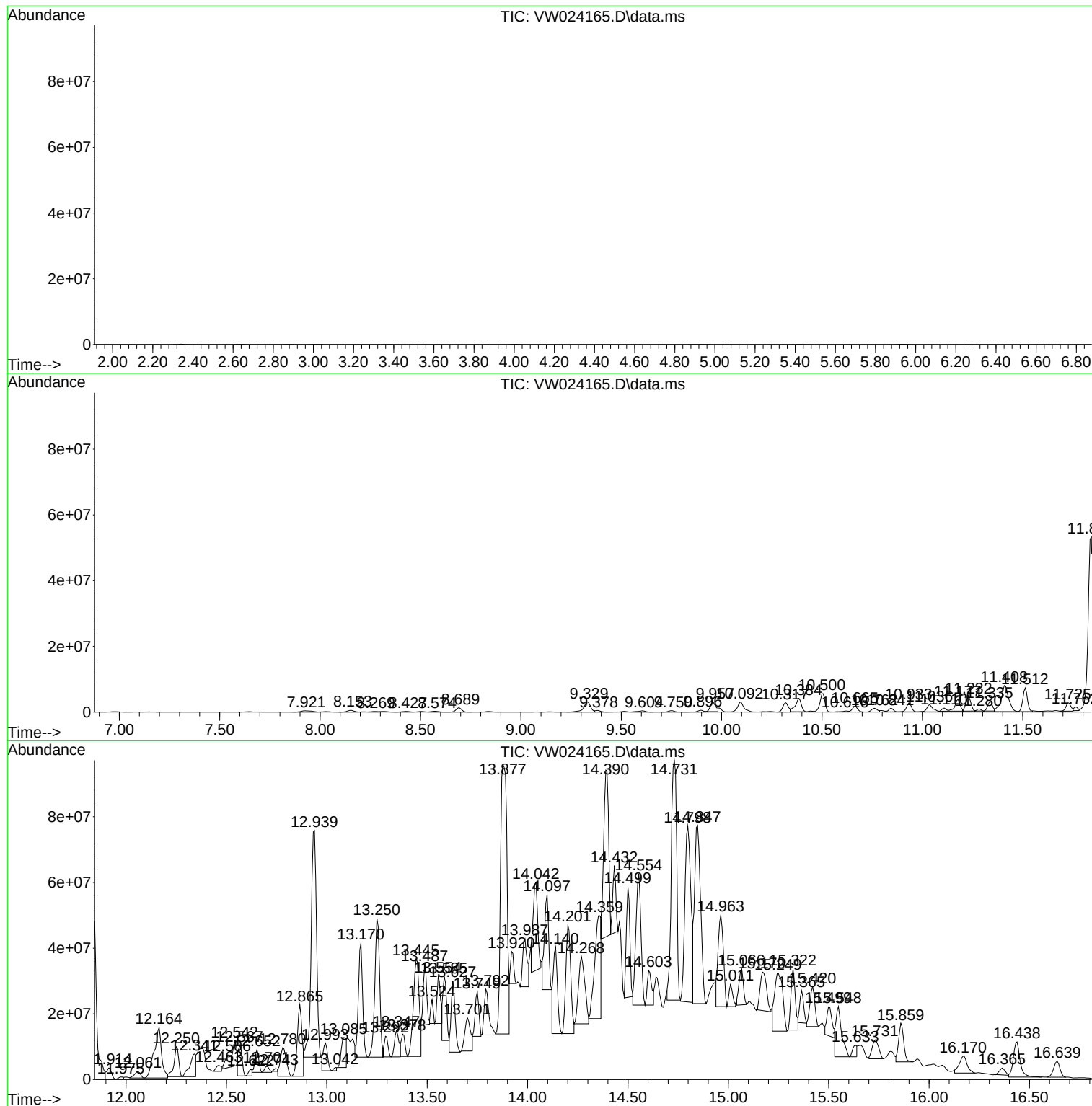
Sum of corrected areas: 2393427121

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.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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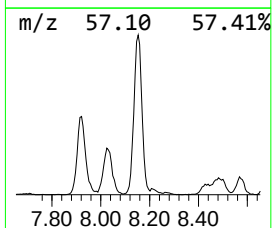
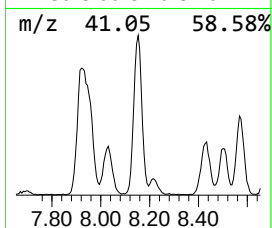
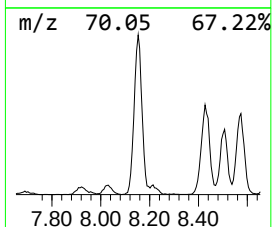
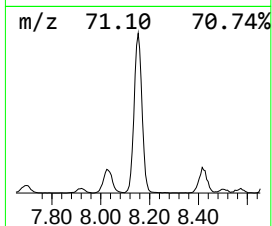
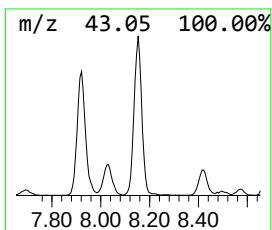
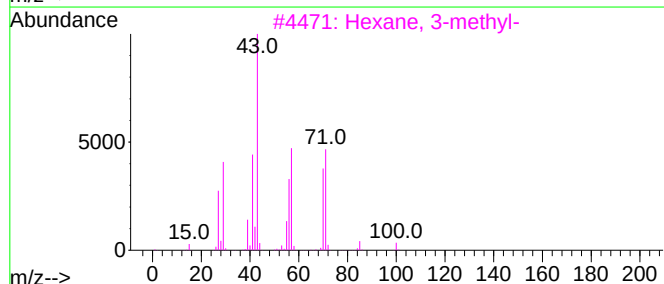
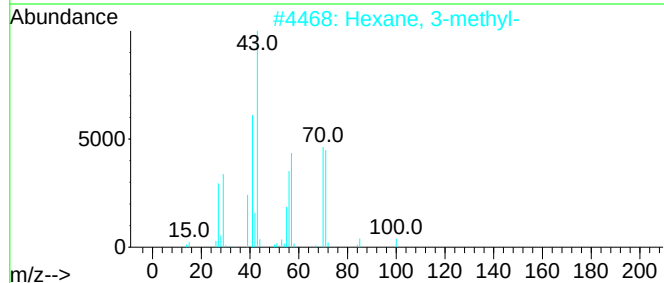
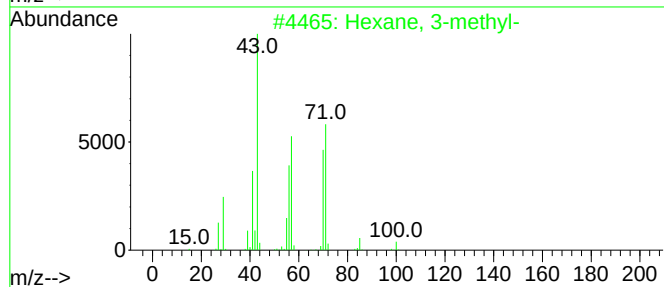
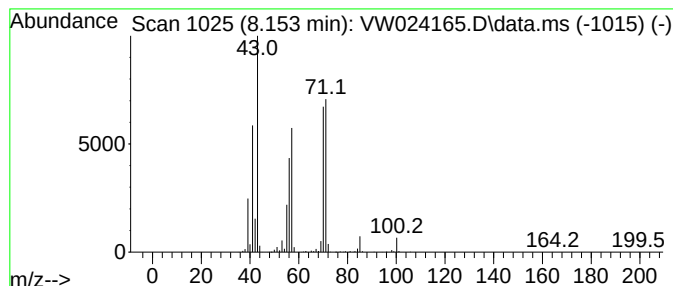
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	11.89 ug/L	1197290	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4		Heptane	100	C7H16	000142-82-5	58
5		Heptane	100	C7H16	000142-82-5	58



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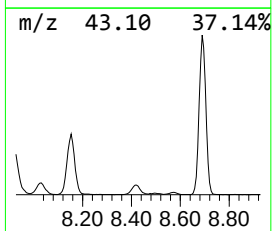
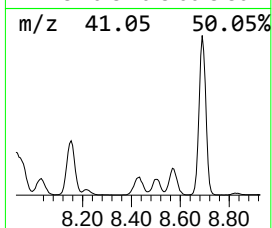
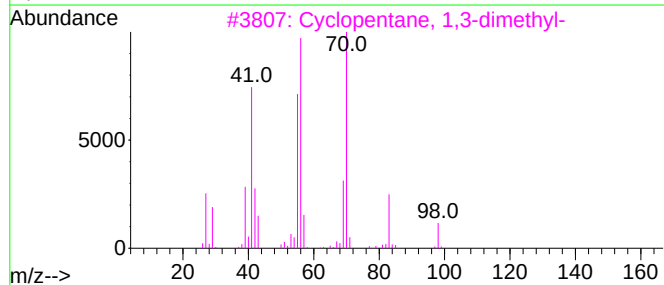
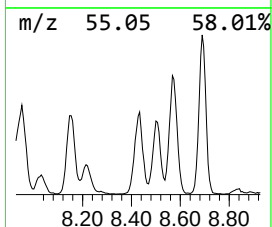
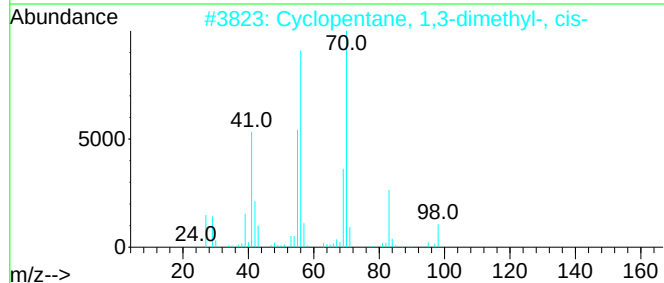
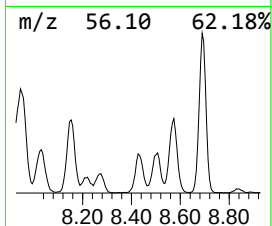
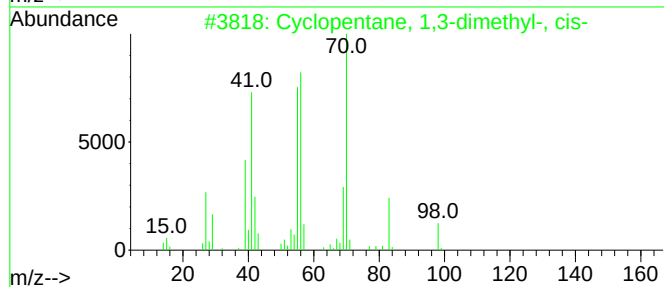
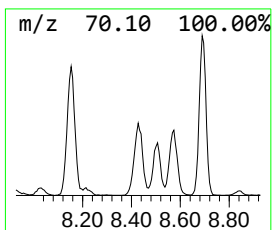
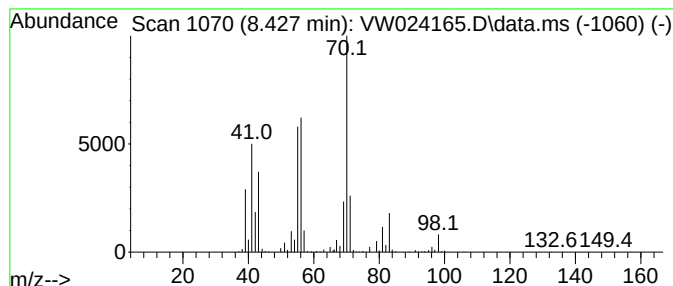
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic8.427 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.427	5.14 ug/L	517862	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
3			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
4			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64



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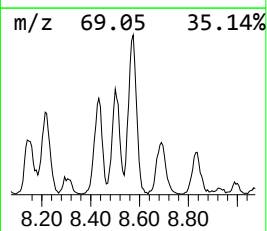
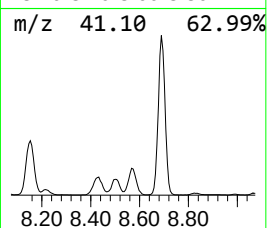
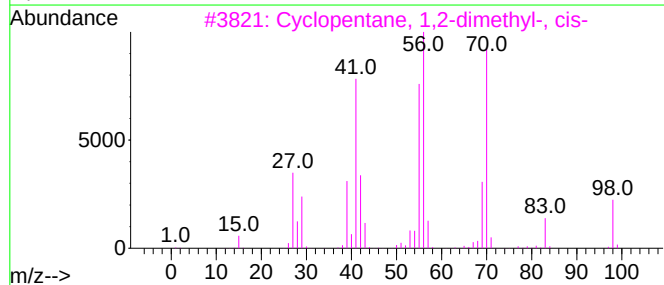
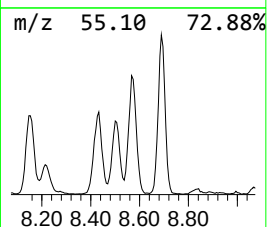
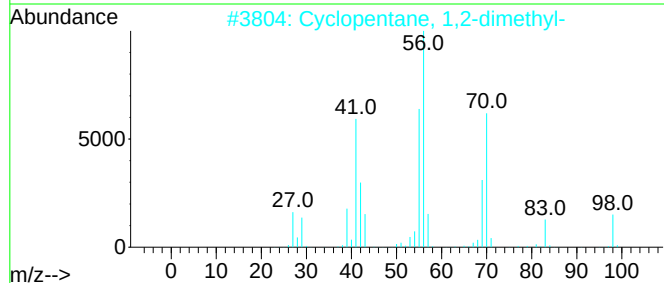
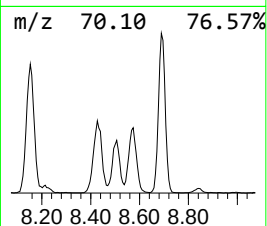
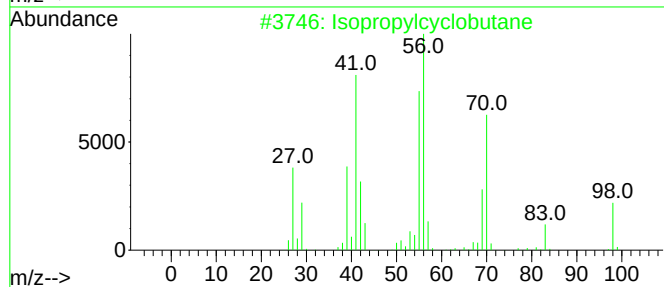
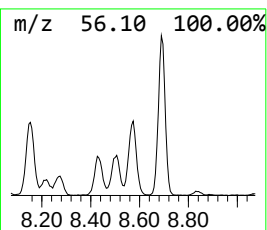
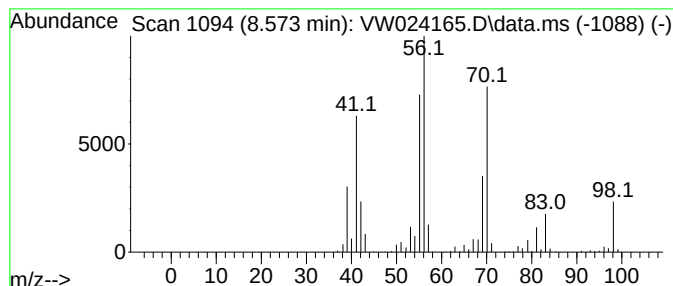
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic8.573 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	5.74 ug/L	577732	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropylcyclobutane	98	C7H14	000872-56-0	93
2			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

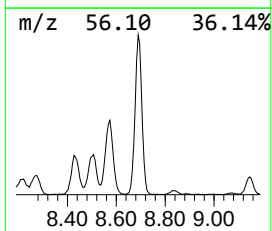
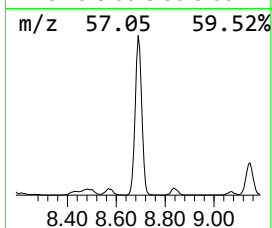
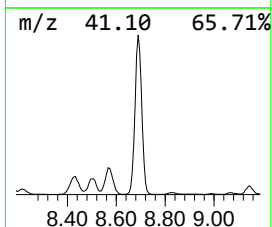
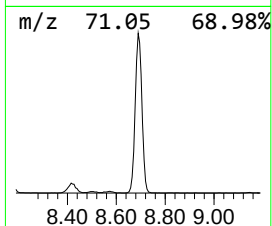
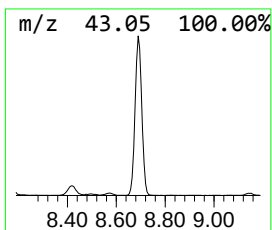
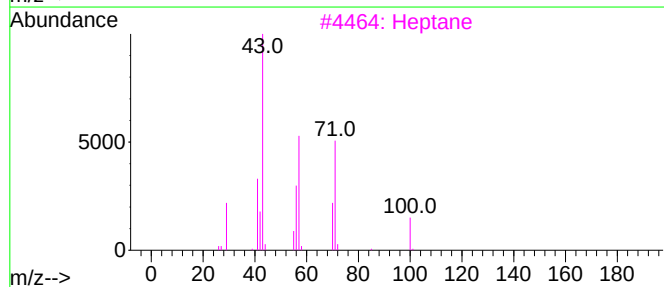
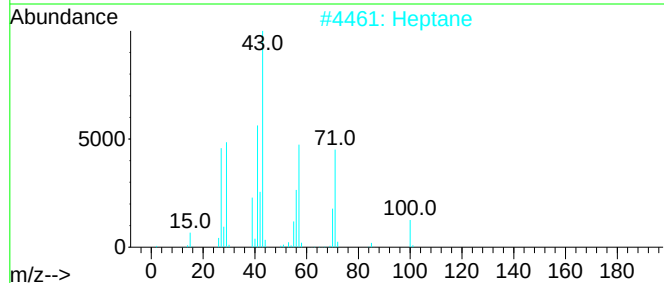
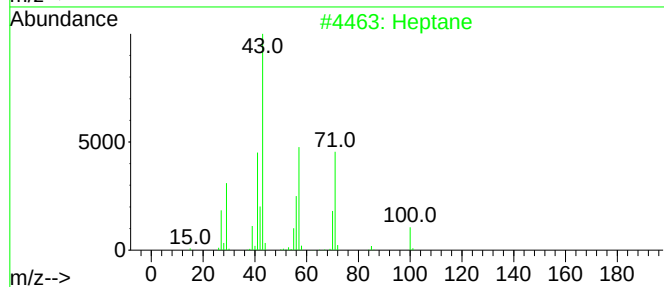
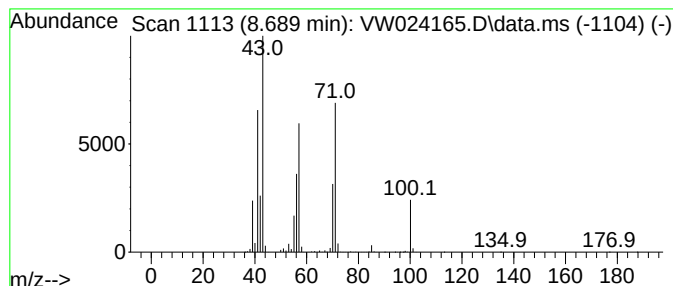
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.689	25.00 ug/L	2516510	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	91
2	Heptane			100	C7H16	000142-82-5	78
3	Heptane			100	C7H16	000142-82-5	78
4	Heptane			100	C7H16	000142-82-5	72
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

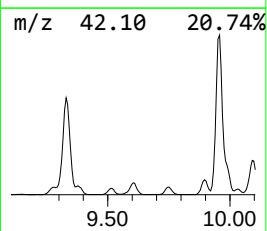
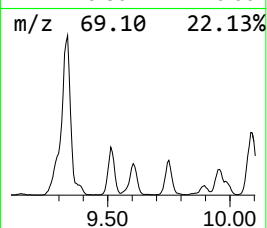
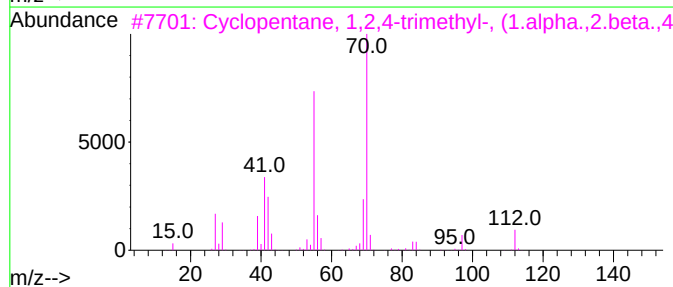
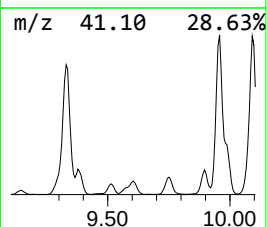
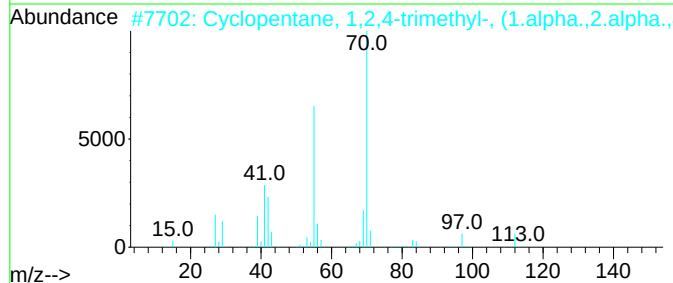
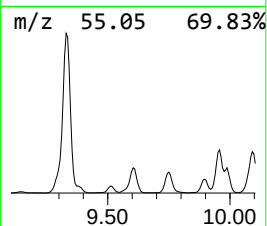
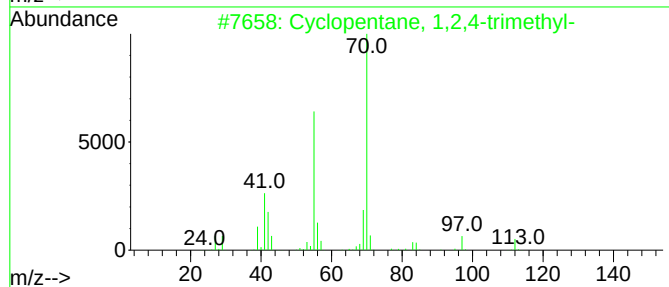
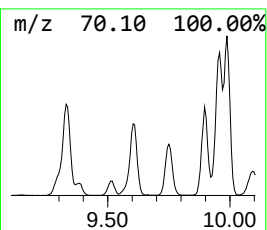
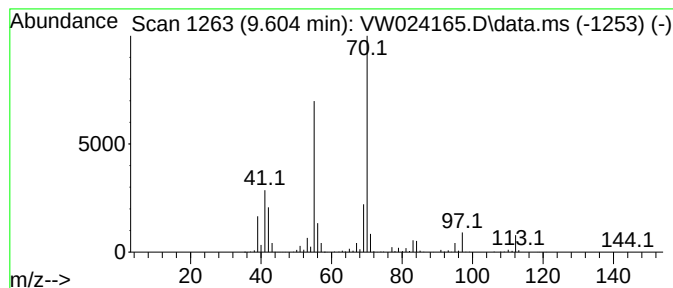
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic9.604 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	9.91 ug/L	997240	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

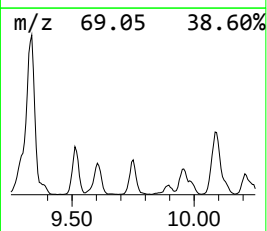
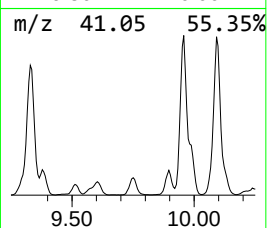
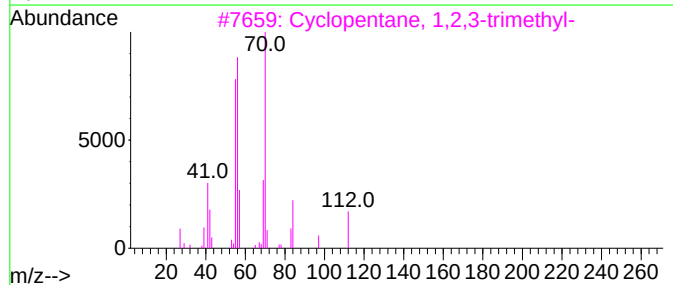
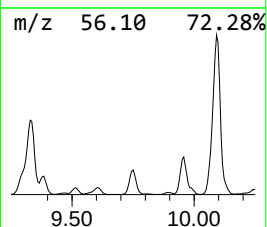
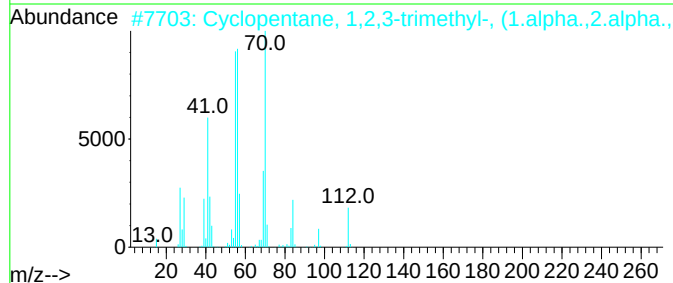
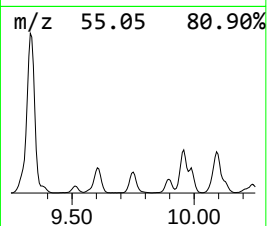
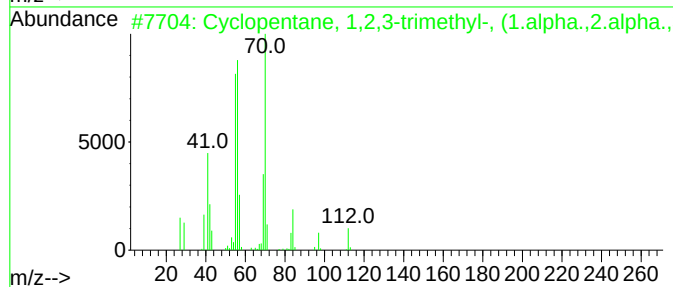
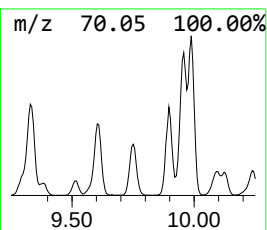
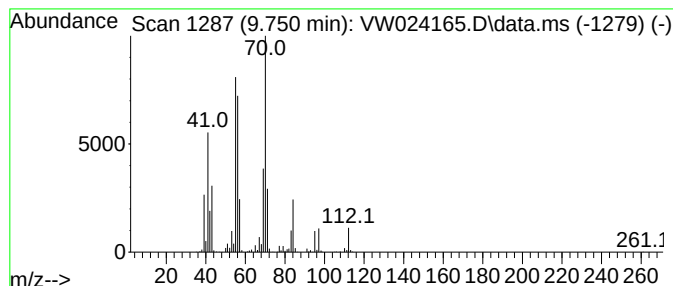
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic9.750 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	8.40 ug/L	845653	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002815-57-8	74
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
5			2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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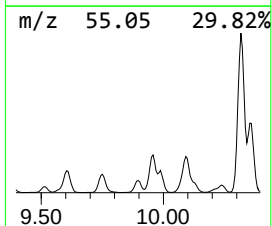
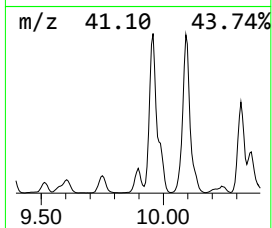
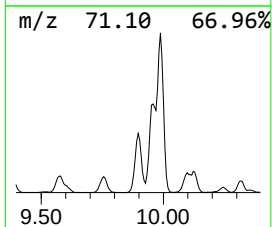
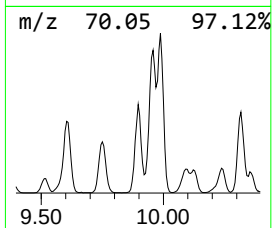
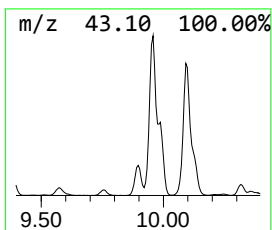
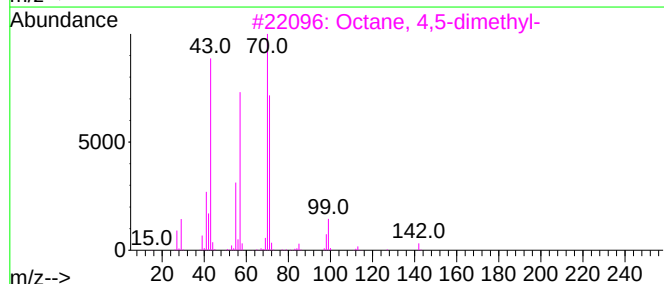
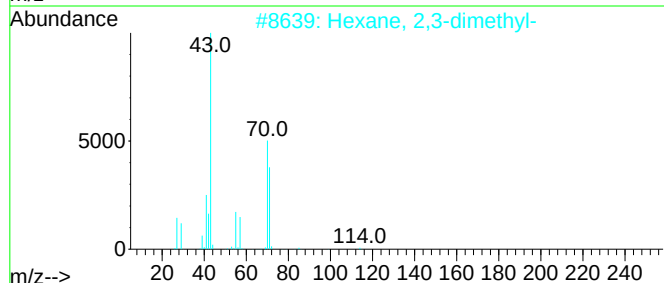
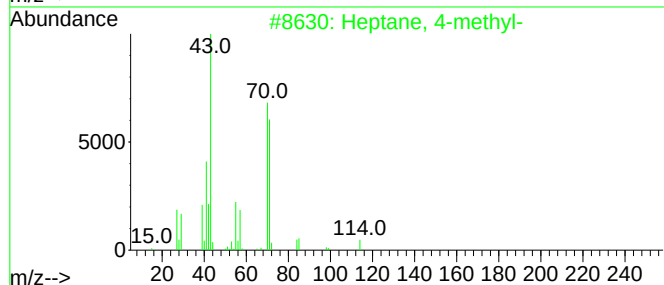
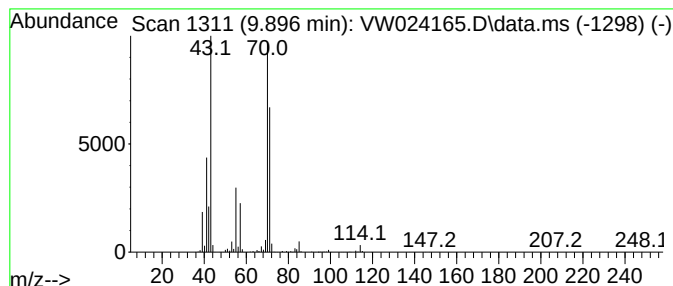
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	10.47 ug/L	1054330	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-methyl-	114	C8H18	000589-53-7	78
2			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
3			Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	74
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

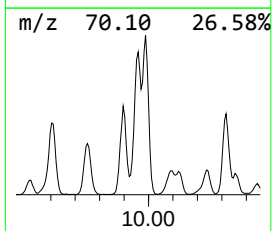
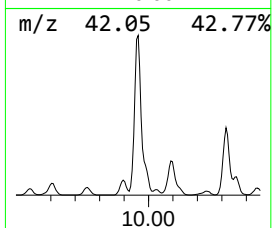
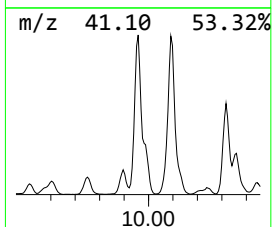
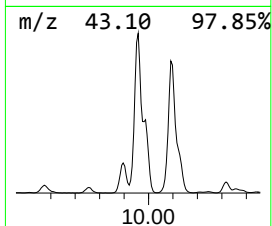
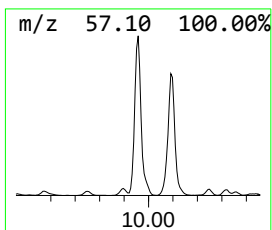
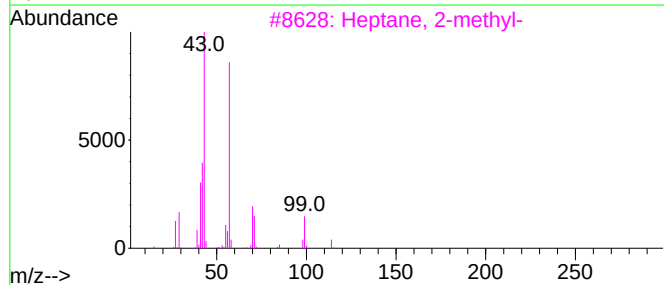
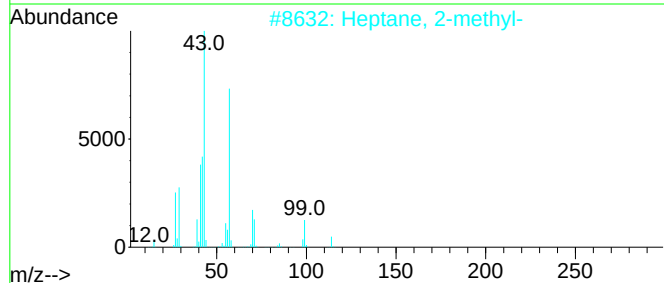
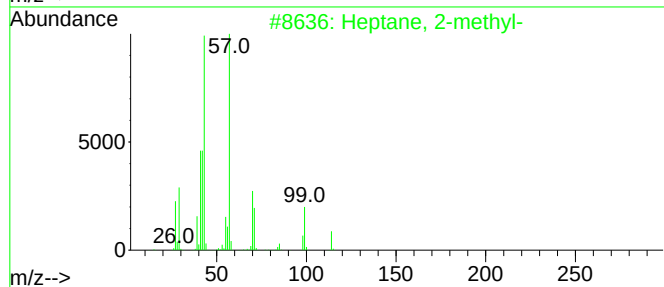
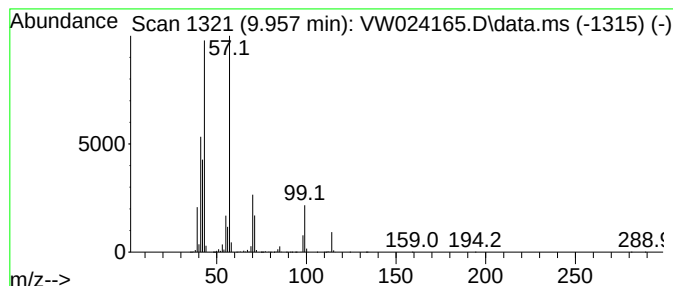
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	54.82 ug/L	5518470	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	62
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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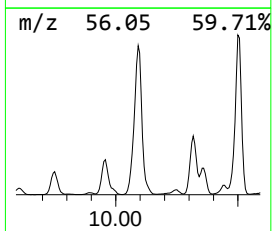
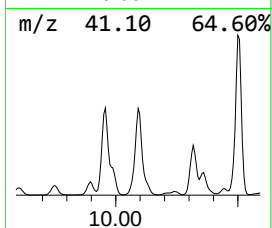
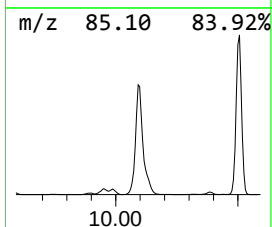
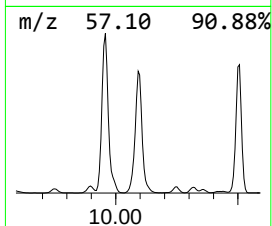
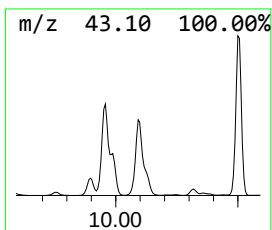
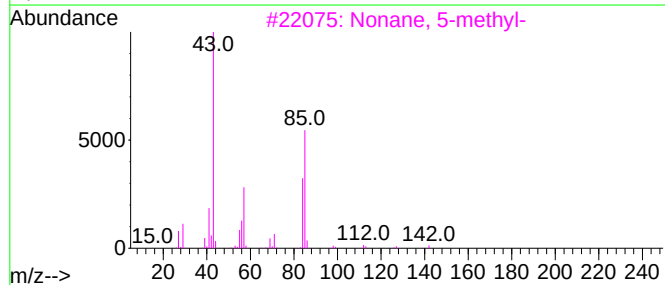
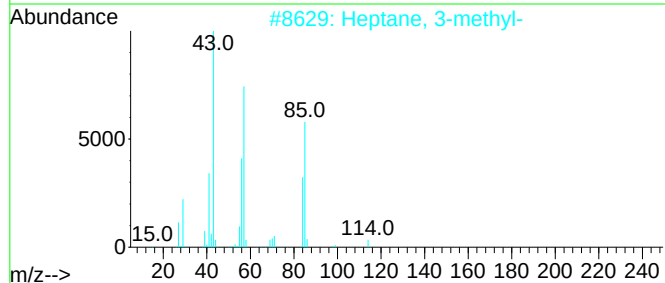
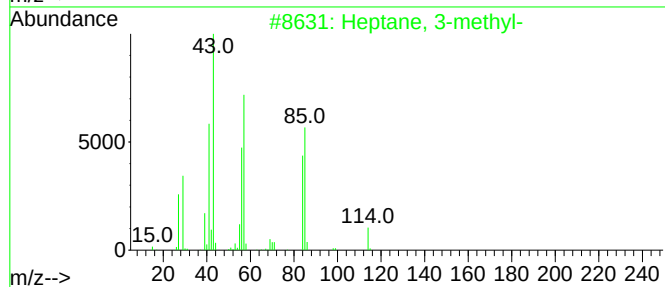
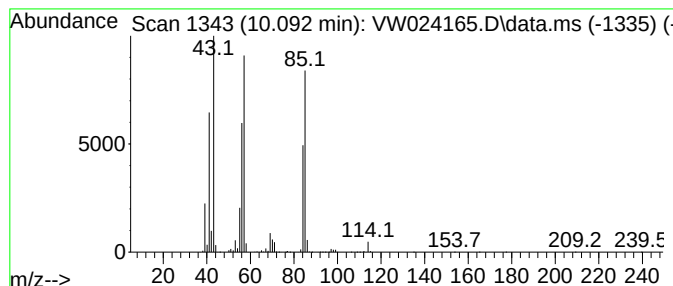
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	67.24 ug/L	6768070	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3			Nonane, 5-methyl-	142	C10H22	015869-85-9	72
4			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

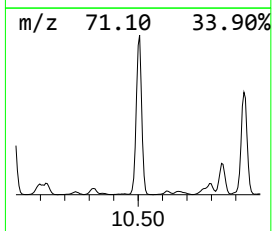
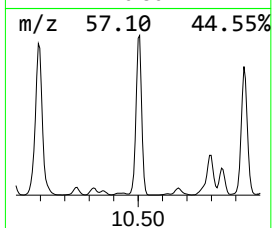
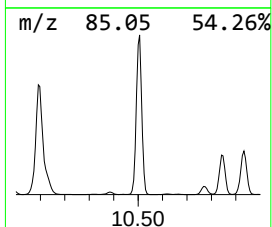
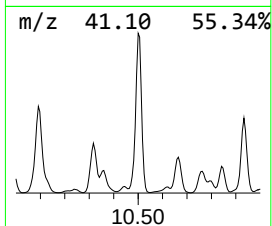
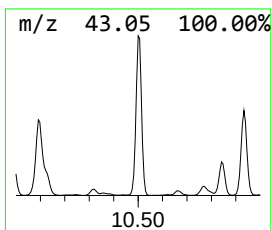
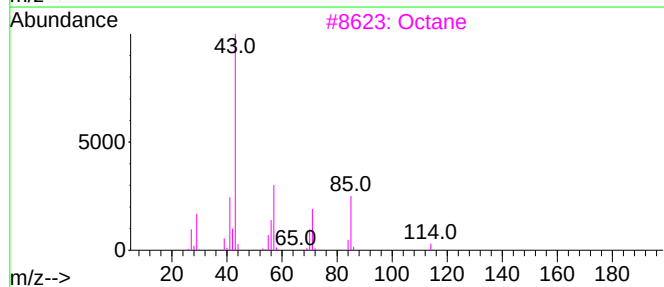
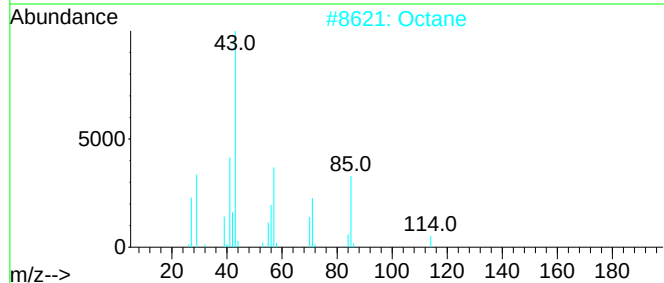
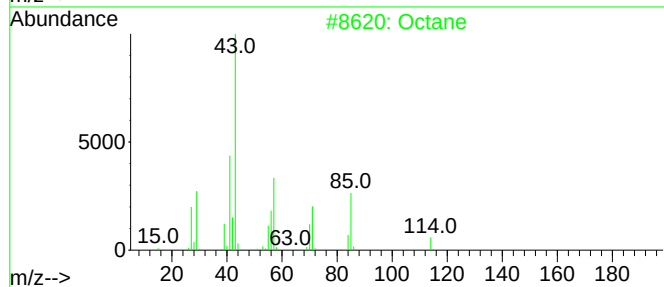
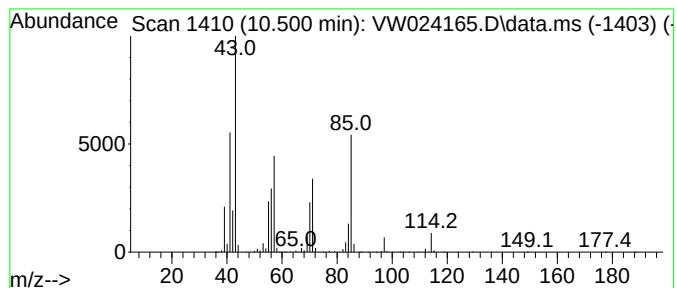
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	54.92 ug/L	9807720	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	91
2	Octane			114	C8H18	000111-65-9	91
3	Octane			114	C8H18	000111-65-9	87
4	Octane			114	C8H18	000111-65-9	81
5	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

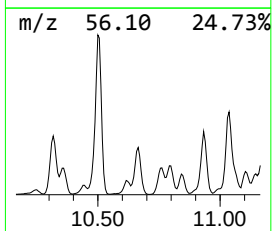
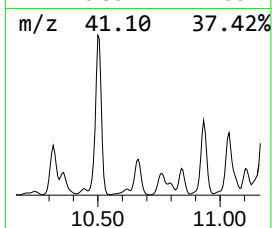
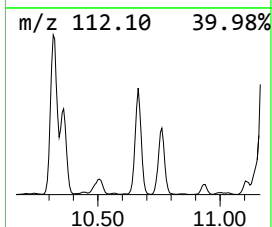
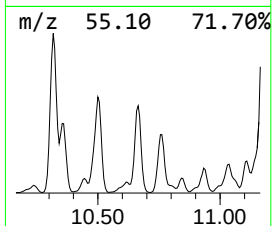
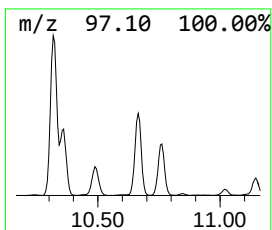
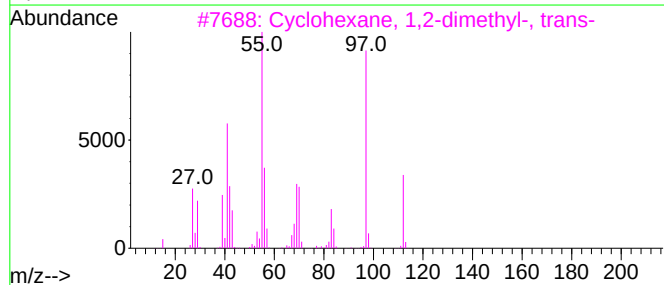
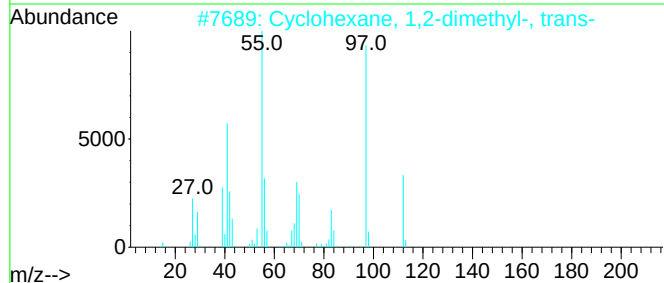
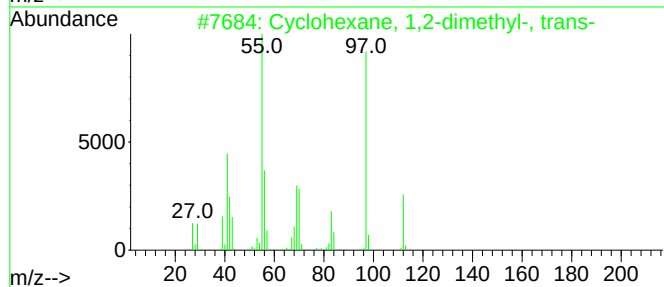
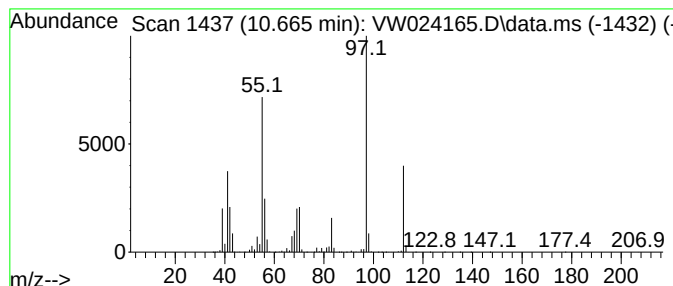
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic10.665 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	17.56 ug/L	3136860	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	91
5			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

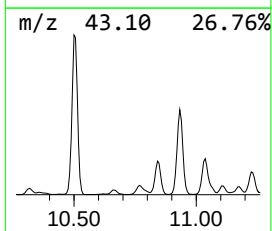
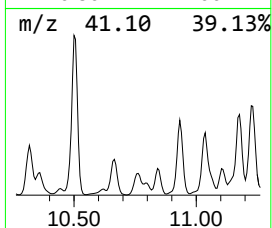
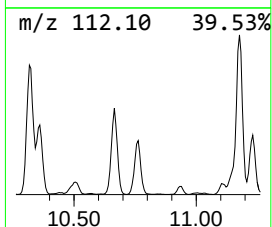
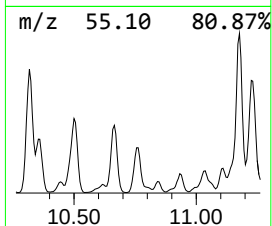
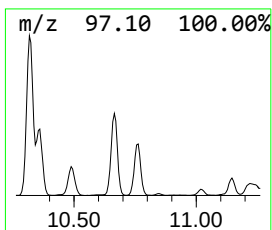
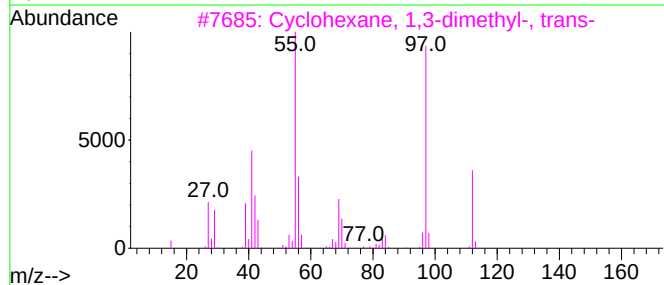
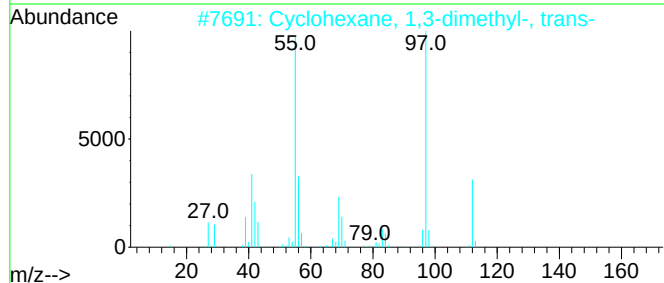
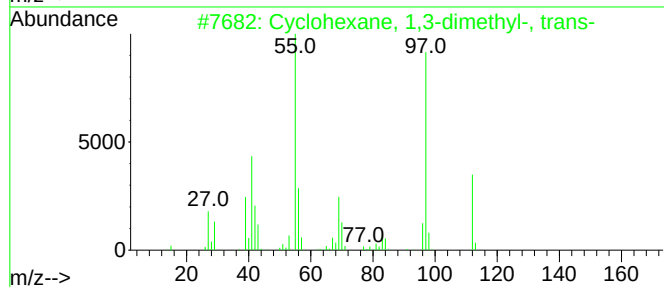
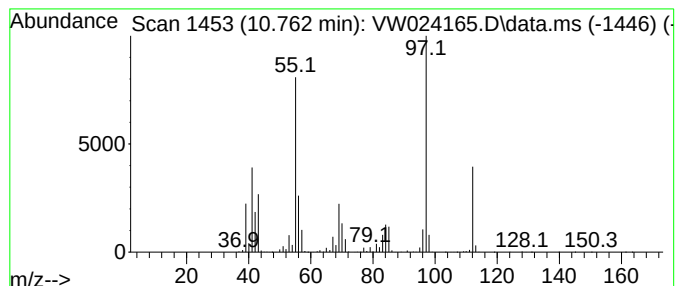
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic10.762 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	13.05 ug/L	2331030	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	93
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

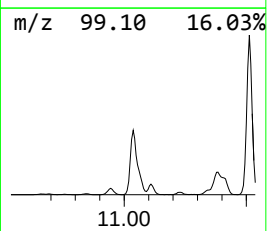
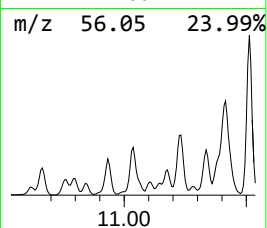
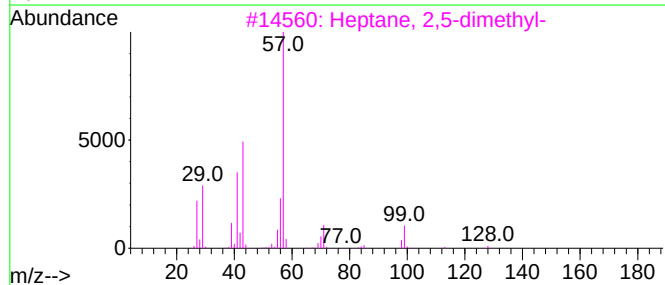
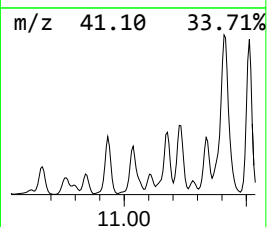
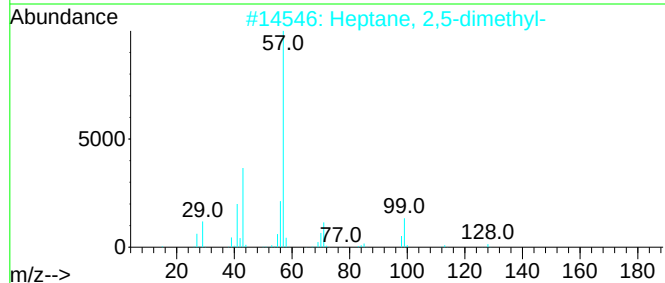
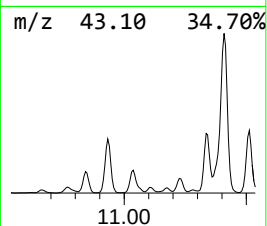
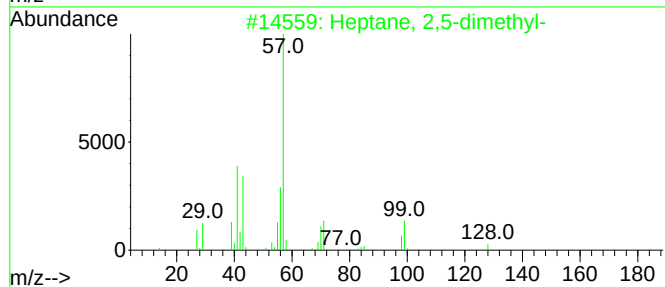
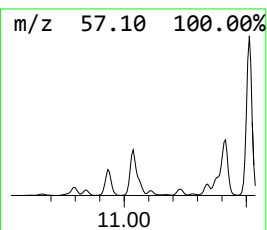
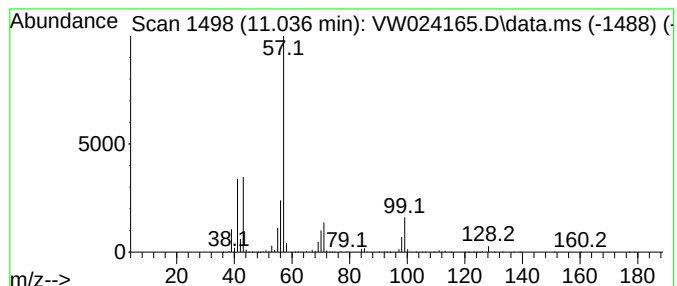
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	26.07 ug/L	4656660	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
5			Octane, 3-methyl-	128	C9H20	002216-33-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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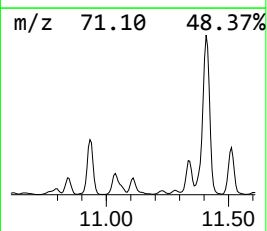
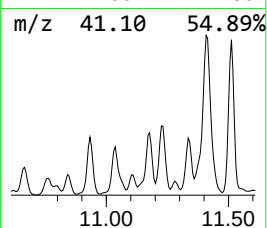
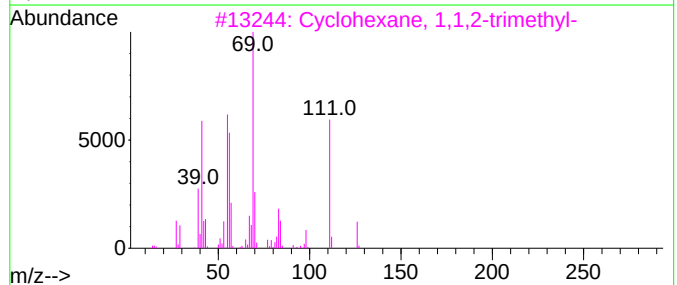
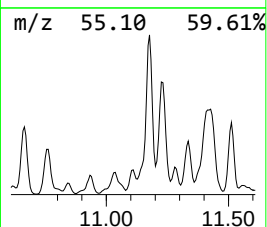
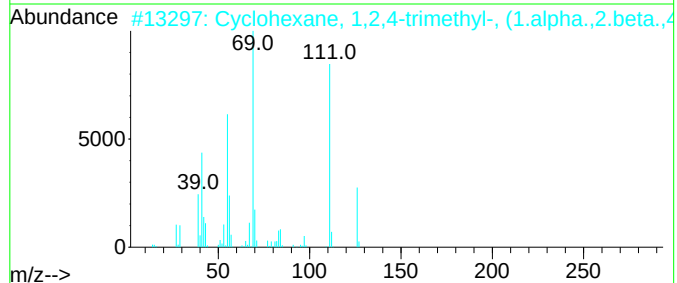
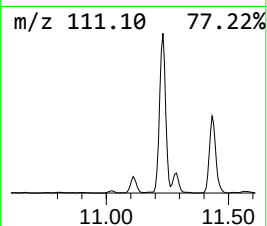
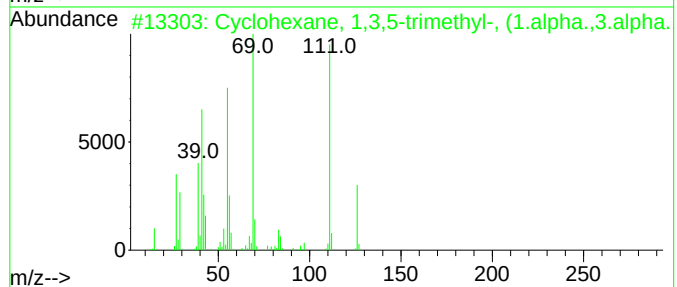
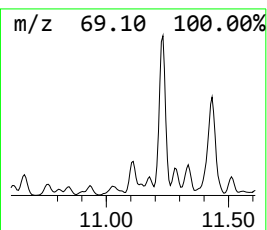
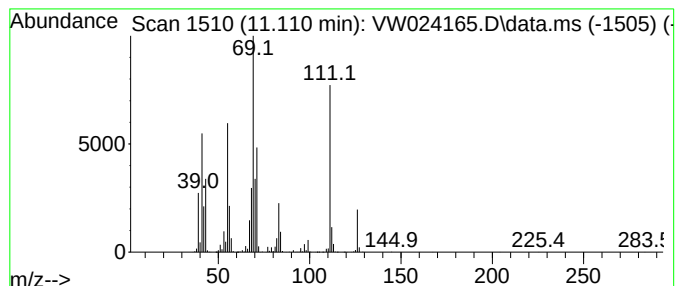
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic11.110 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	8.14 ug/L	1454090	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

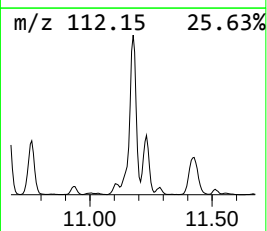
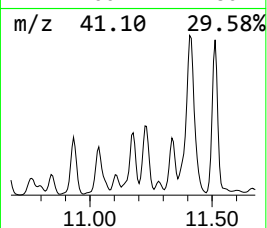
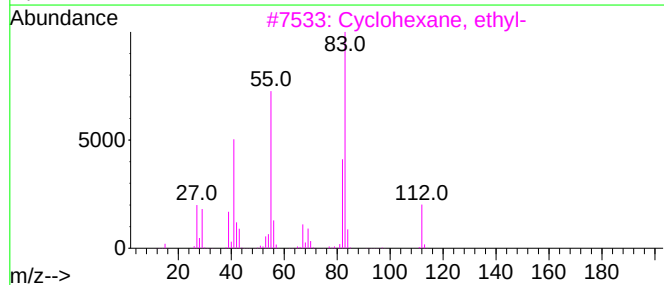
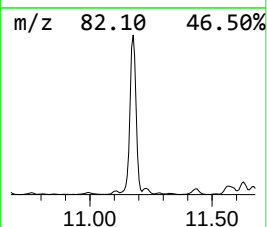
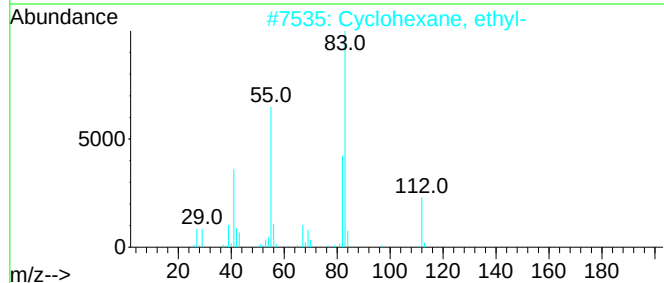
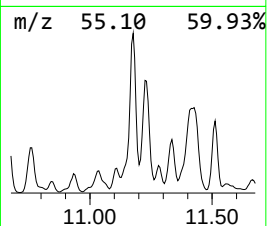
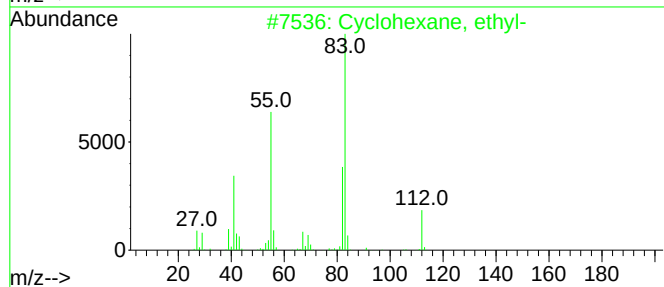
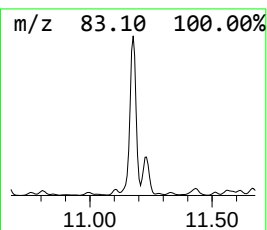
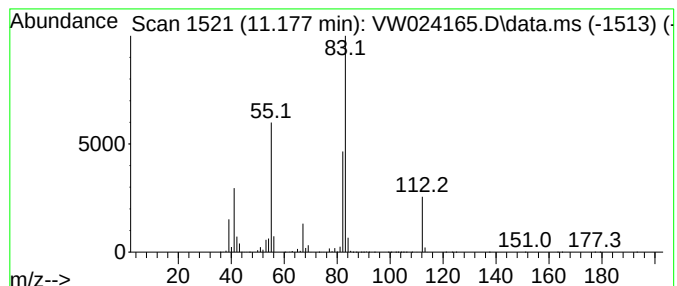
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic11.177 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	36.24 ug/L	6473030	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

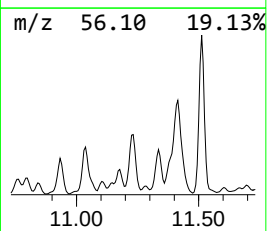
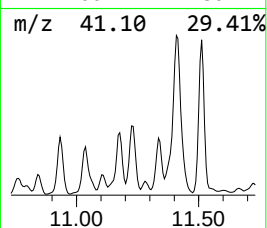
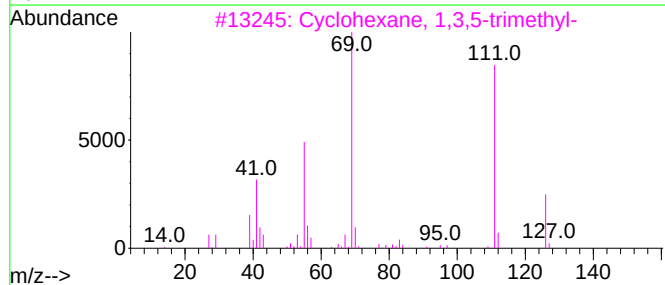
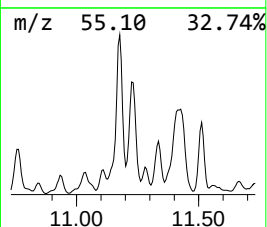
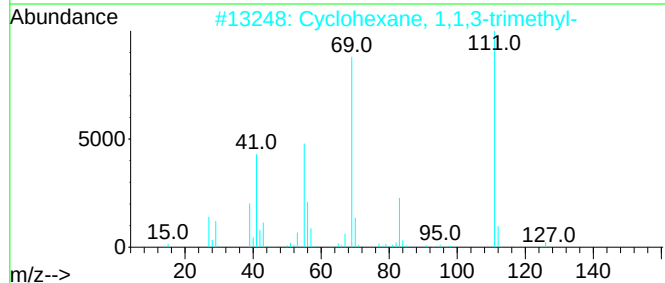
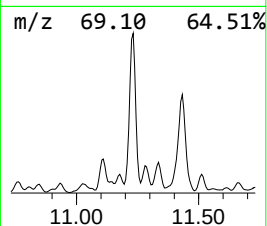
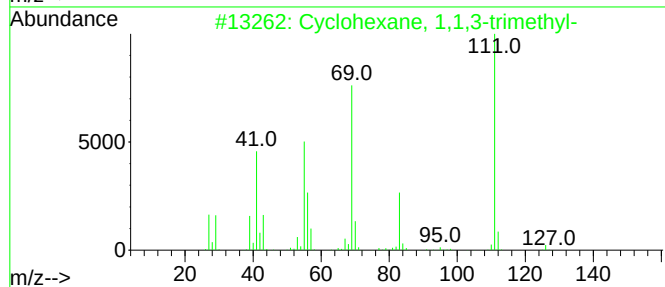
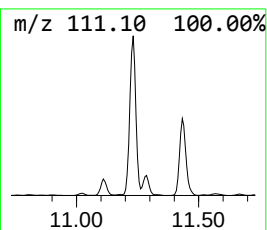
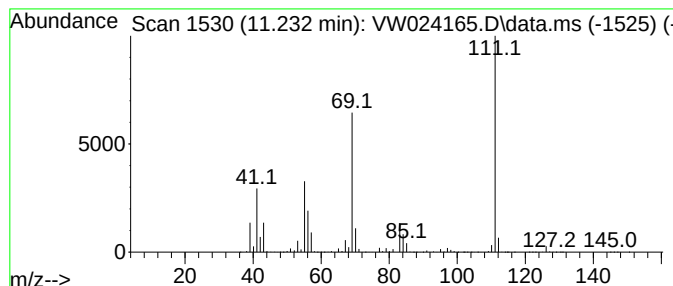
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.232 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	42.14 ug/L	7526410	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	60
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4			6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	59
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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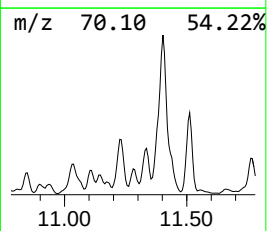
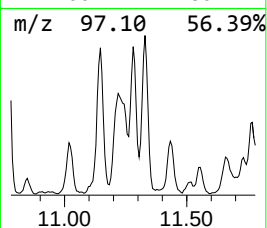
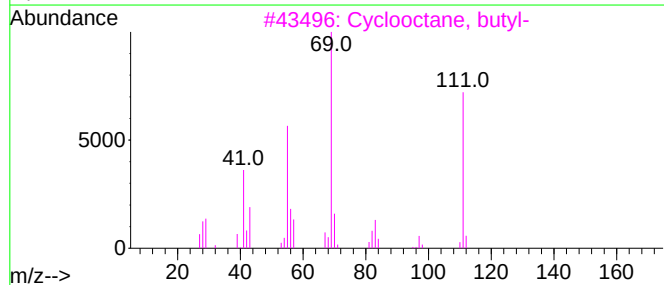
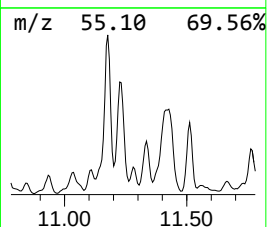
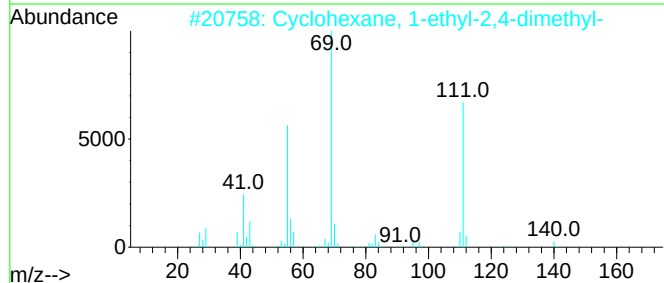
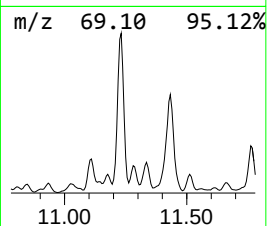
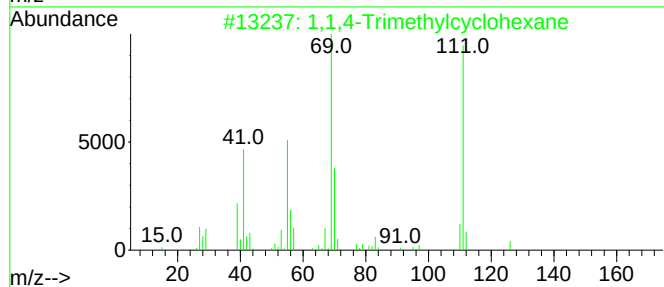
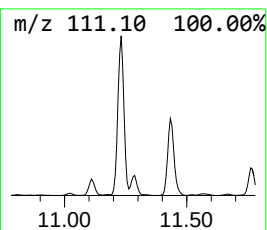
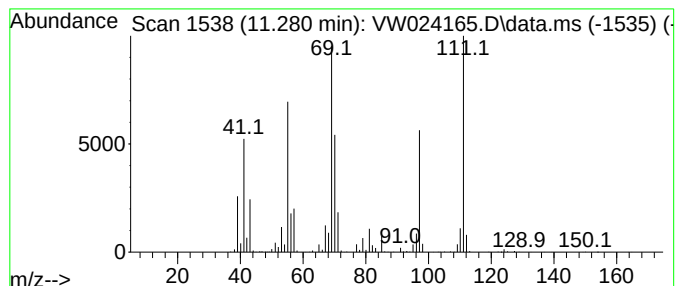
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.280 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	5.05 ug/L	902762	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	53
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	50
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
5			Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

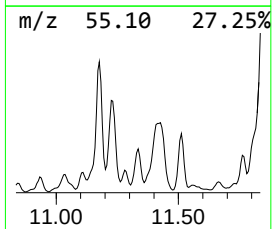
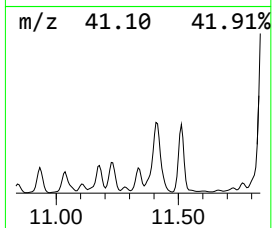
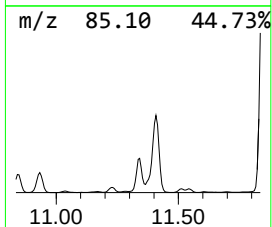
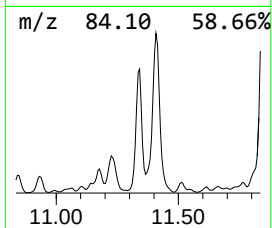
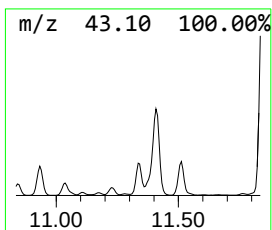
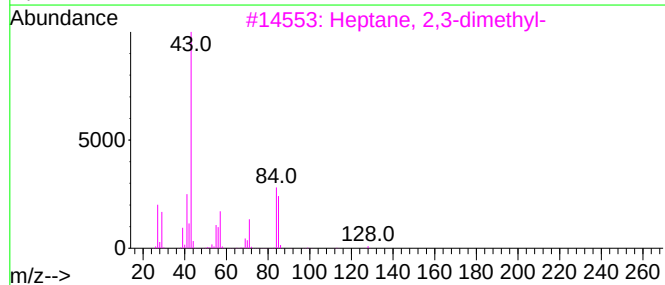
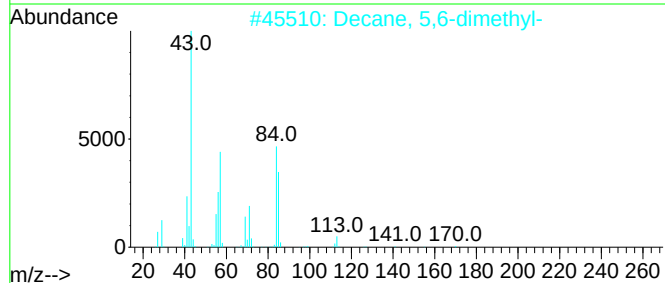
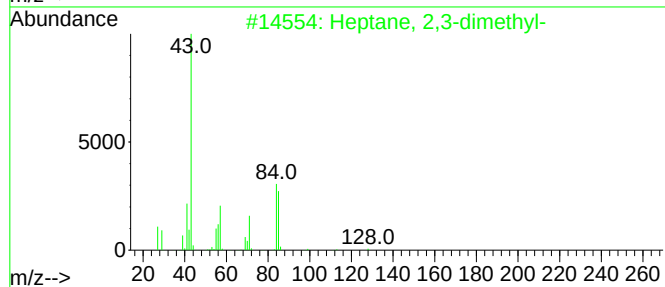
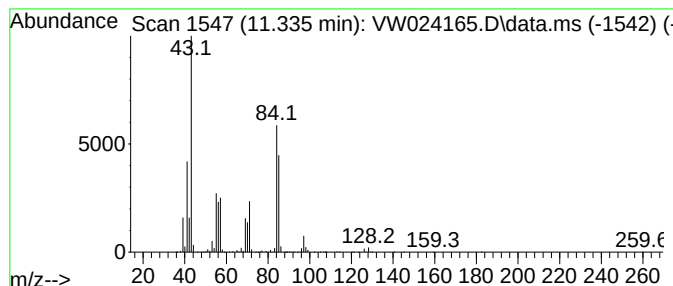
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	26.83 ug/L	4792250	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	80
2		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	78
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5		1-Octene, 4-methyl-	126	C9H18	013151-12-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

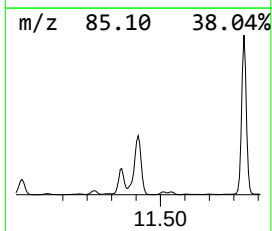
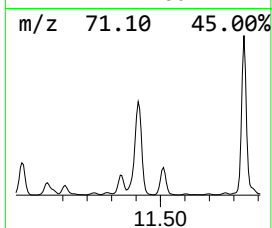
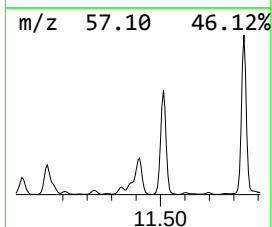
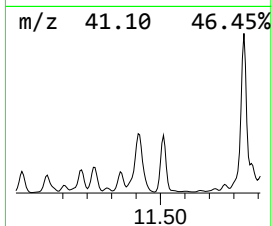
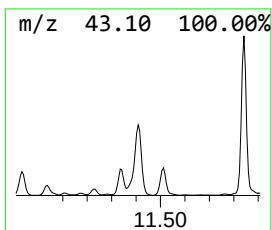
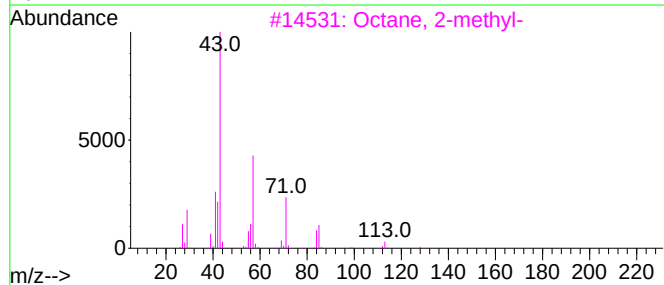
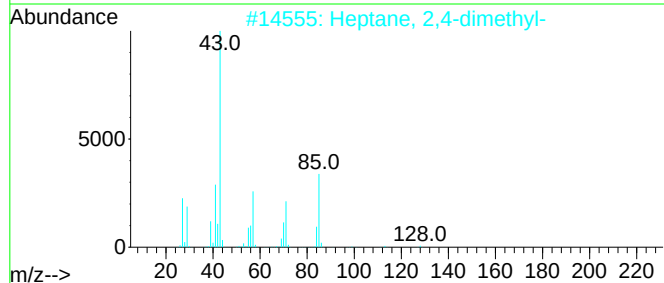
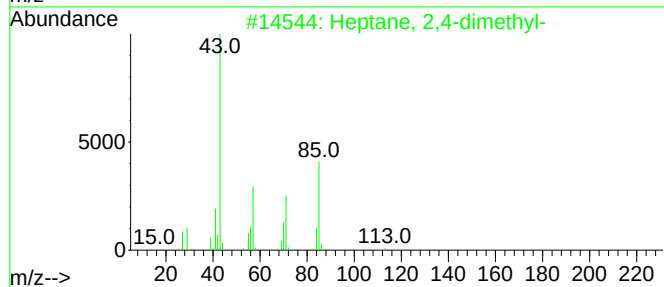
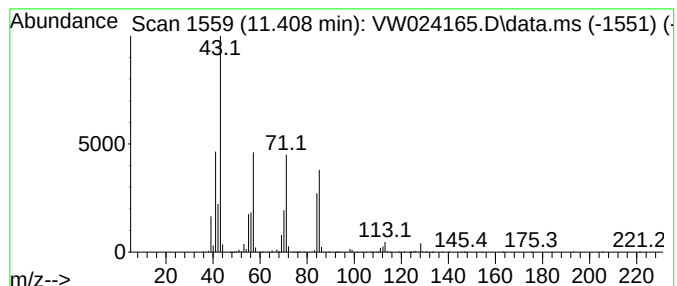
Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.408	114.28 ug/L	20410300	Chlorobenzene-d5			11.628
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	72
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	64
3	Octane, 2-methyl-		128	C9H20	003221-61-2	64
4	Dodecane, 5-methyl-		184	C13H28	017453-93-9	53
5	Dichloroacetic acid, 4-methylpen...		212	C8H14Cl2O2	1000282-43-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

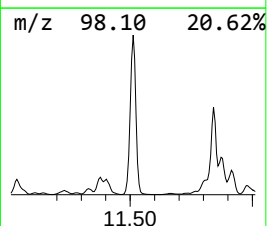
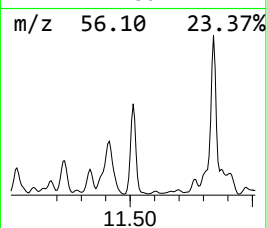
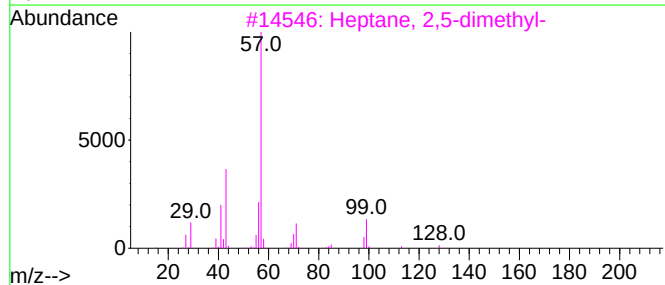
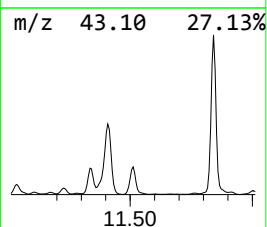
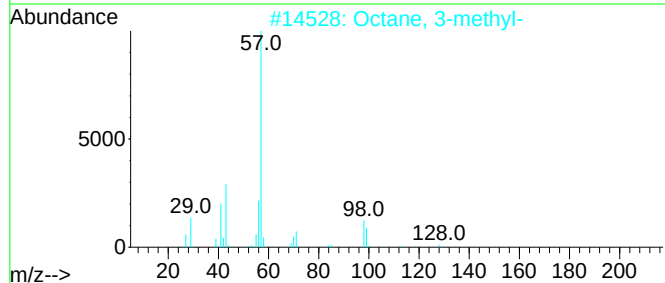
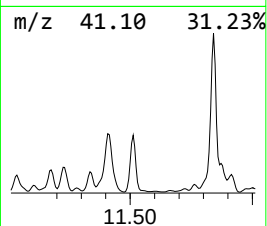
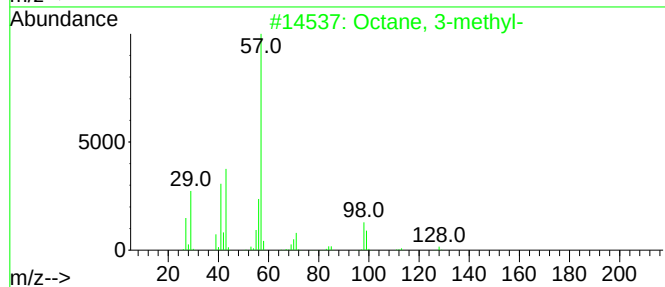
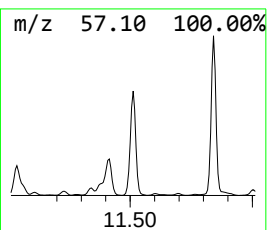
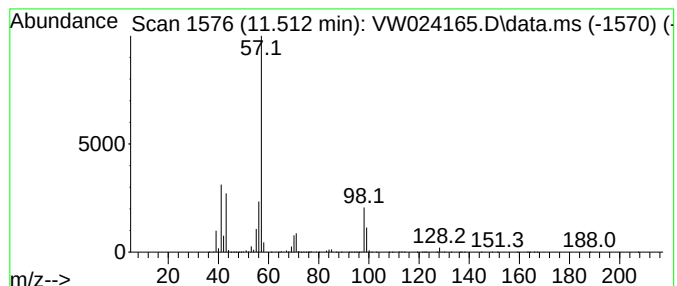
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	62.59 ug/L	11177700	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	91
2			Octane, 3-methyl-	128	C9H20	002216-33-3	87
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
4			Octane, 3-methyl-	128	C9H20	002216-33-3	72
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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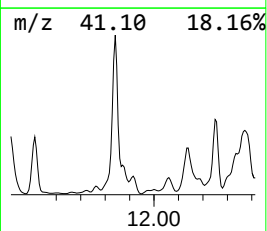
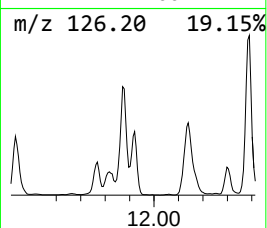
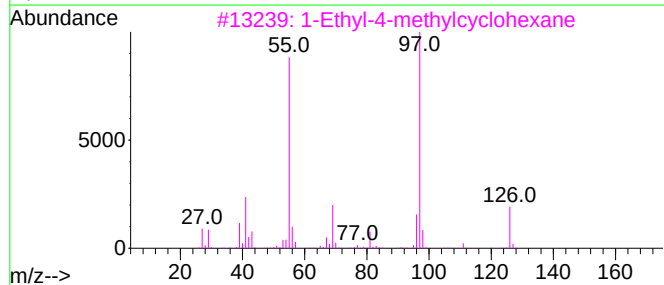
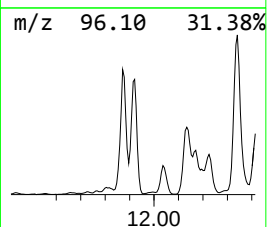
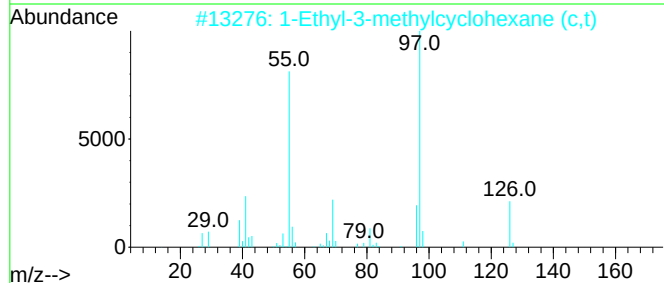
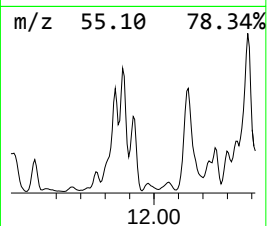
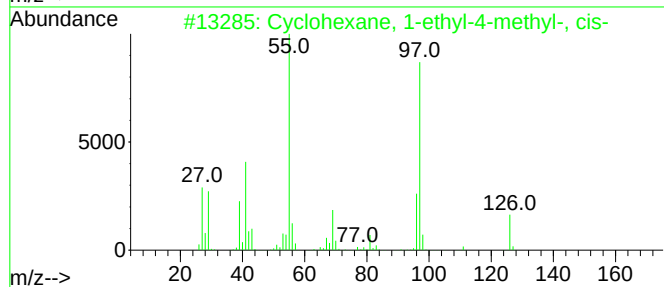
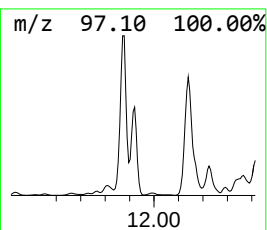
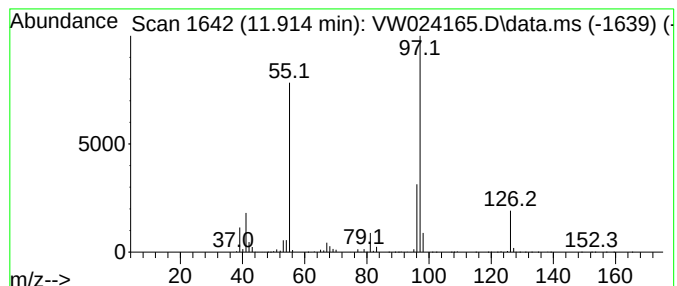
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.914 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	30.66 ug/L	5475960	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

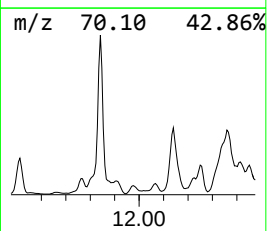
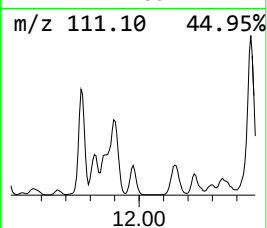
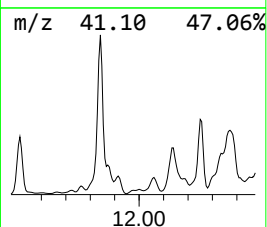
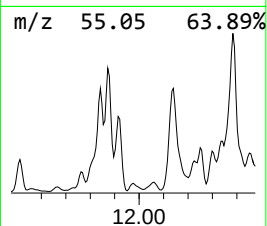
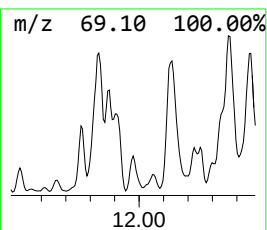
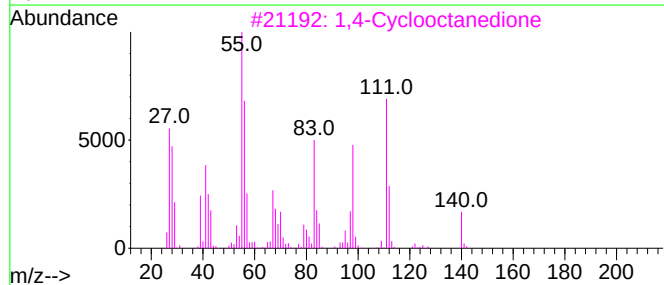
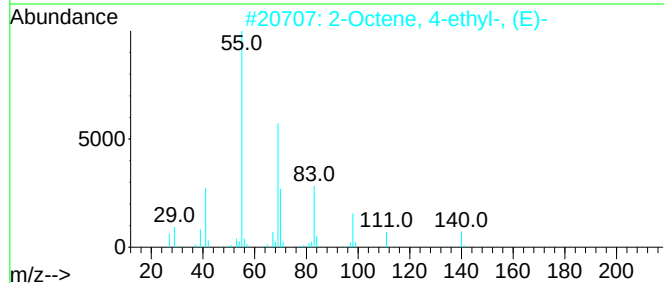
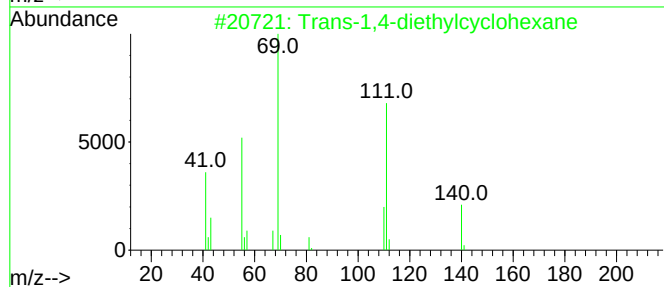
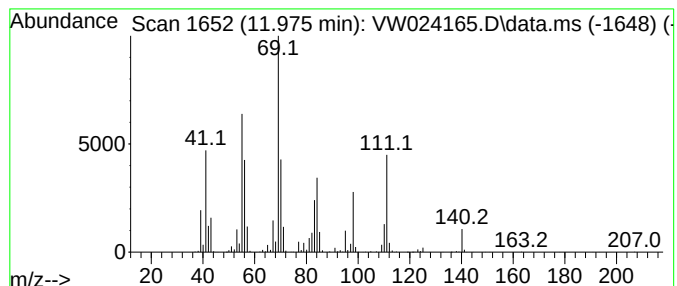
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic11.975 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	5.73 ug/L	1023310	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	50
2			2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	49
3			1,4-Cyclooctanedione	140	C8H12O2	055794-45-1	46
4			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
5			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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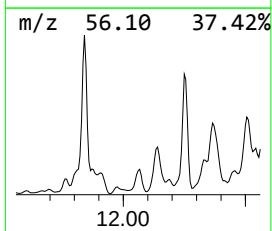
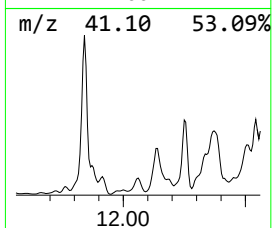
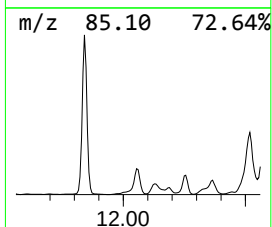
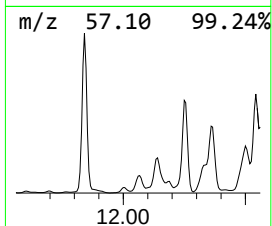
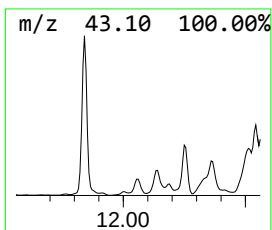
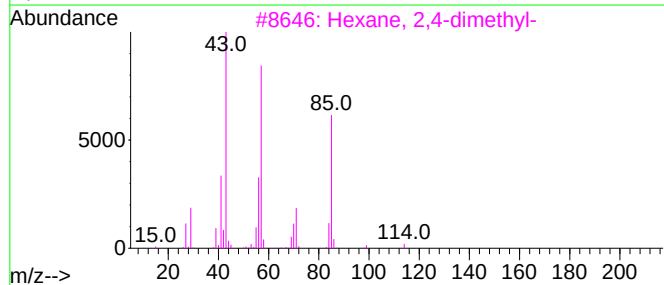
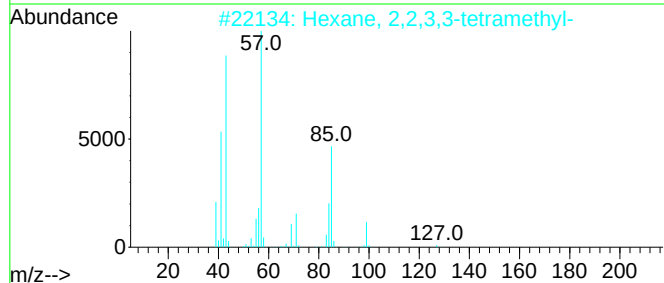
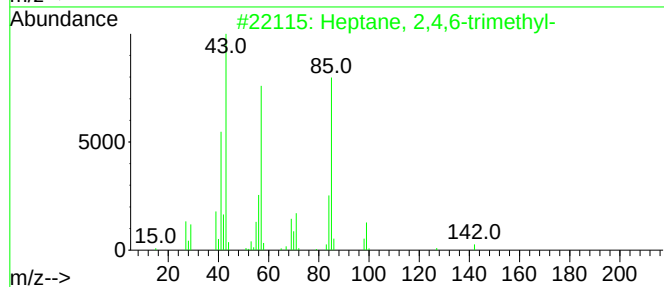
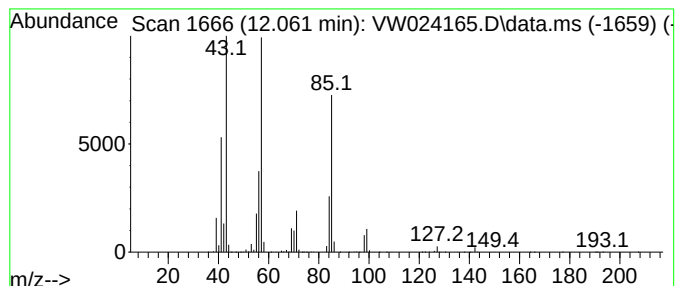
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	22.62 ug/L	4039210	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	93
2			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	72
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

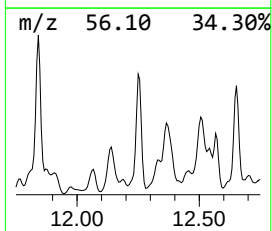
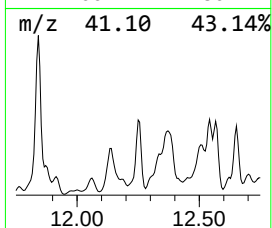
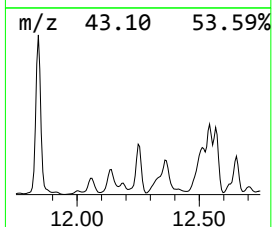
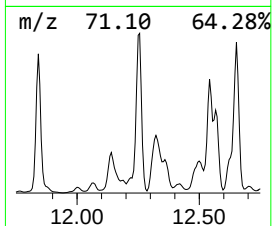
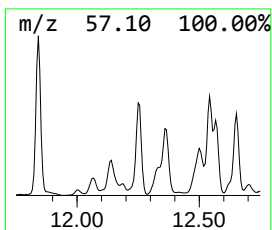
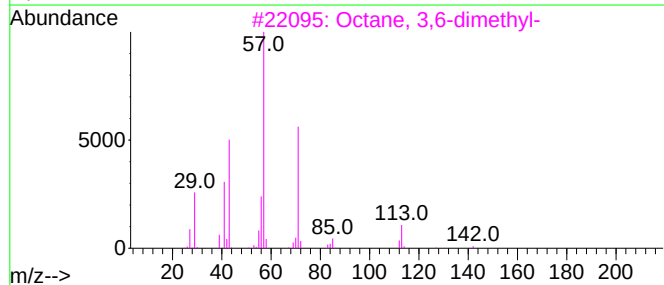
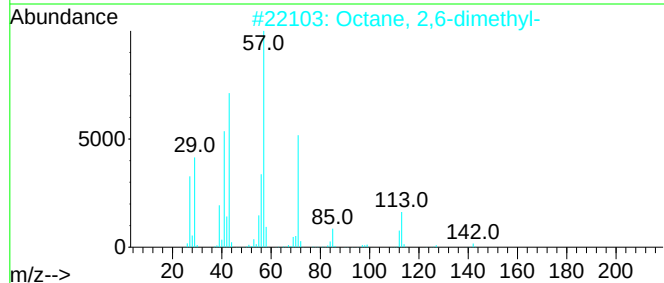
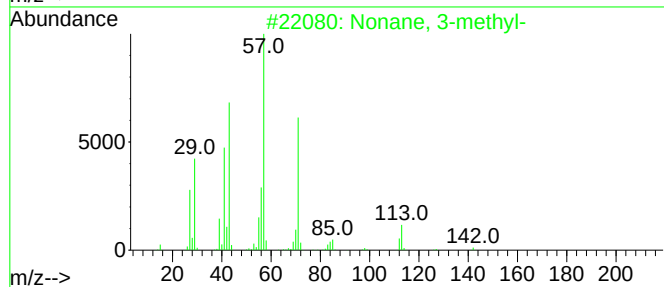
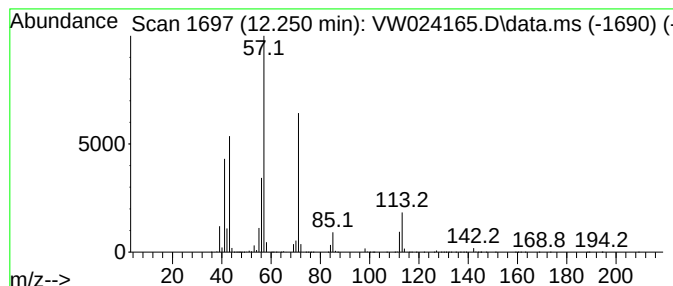
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	83.71 ug/L	14949800	Chlorobenzene-d5	11.628

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

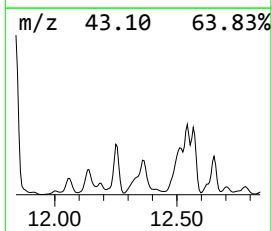
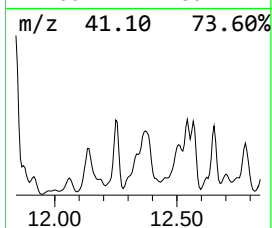
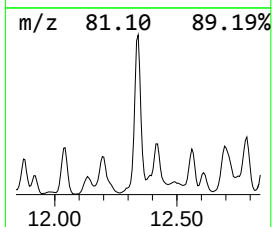
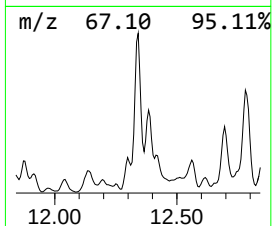
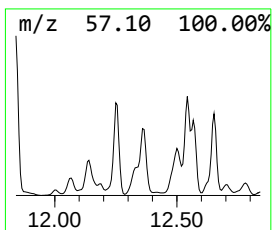
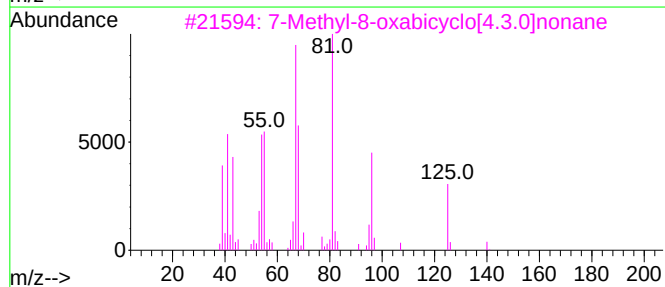
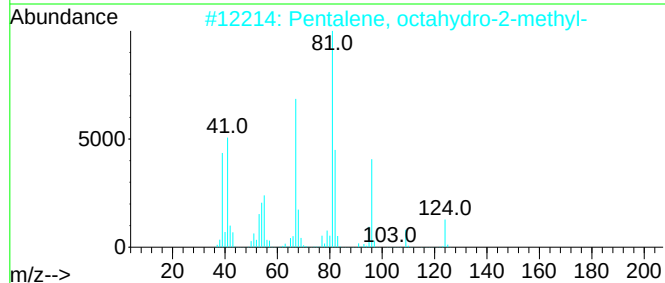
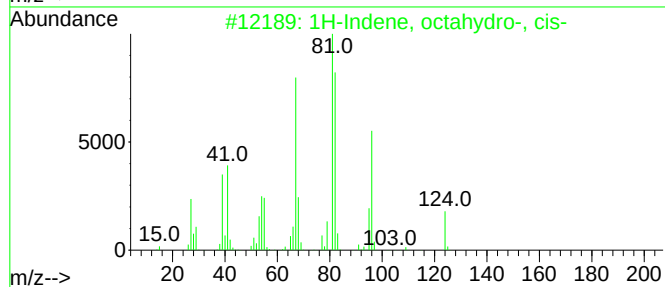
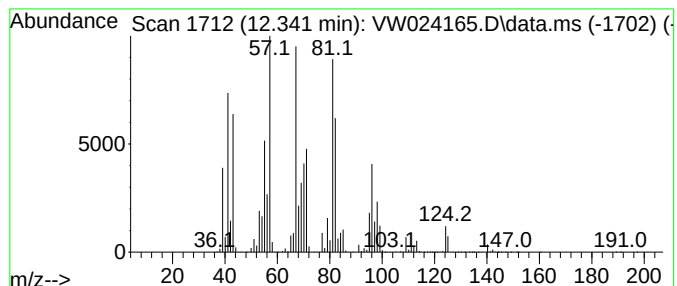
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 25 1H-Indene, octahydro-, cis- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.341	82.91 ug/L	14808000	Chlorobenzene-d5			11.628
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-		124	C9H16	004551-51-3	55
2	Pentalene, octahydro-2-methyl-		124	C9H16	003868-64-2	50
3	7-Methyl-8-oxabicyclo[4.3.0]nonane		140	C9H16O	1000216-87-6	46
4	Cyclohexanol, 2-methyl-, cis-		114	C7H14O	007443-70-1	46
5	1H-Indene, octahydro-, trans-		124	C9H16	003296-50-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

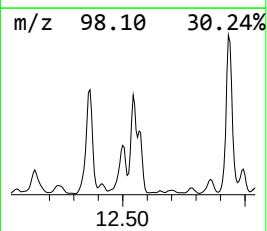
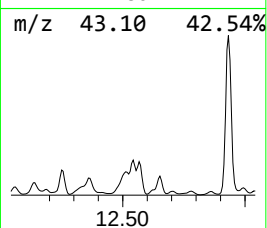
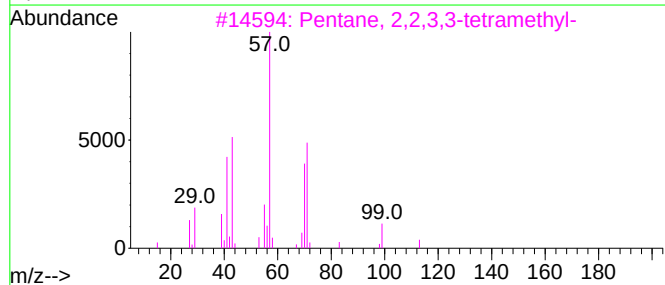
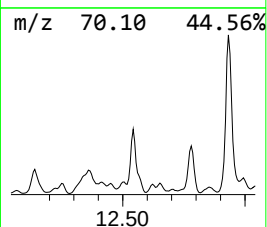
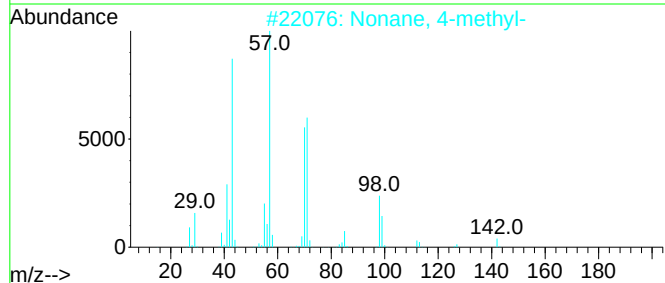
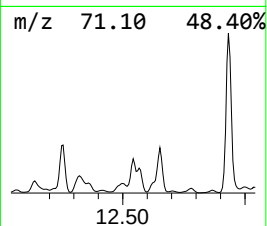
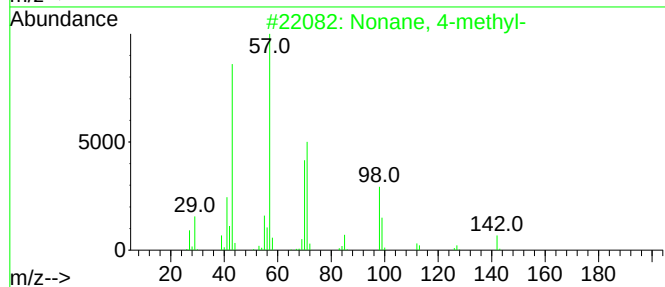
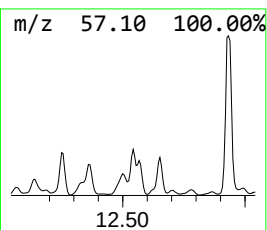
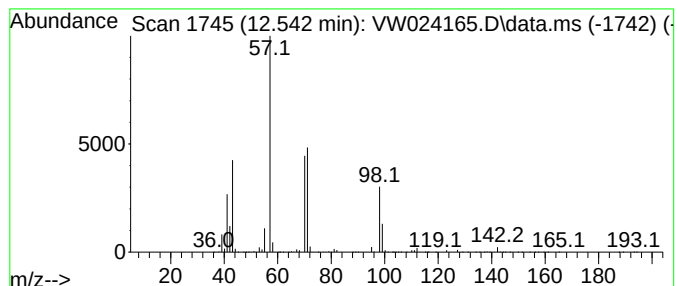
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	58.82 ug/L	10505100	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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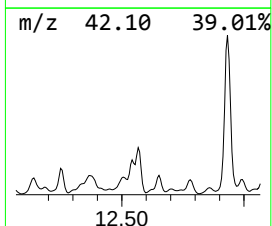
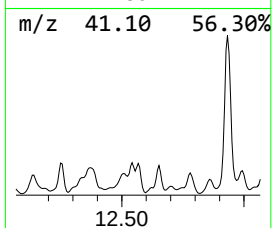
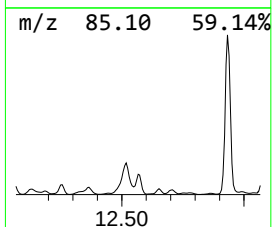
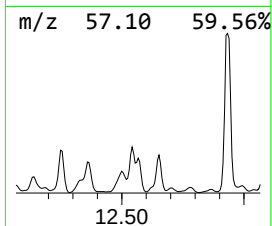
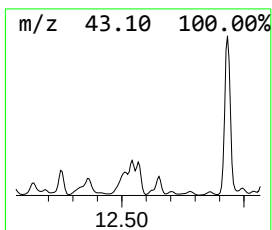
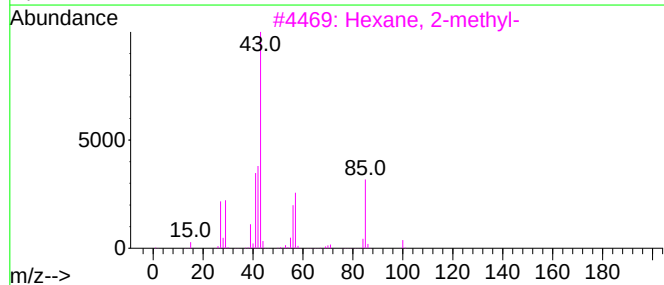
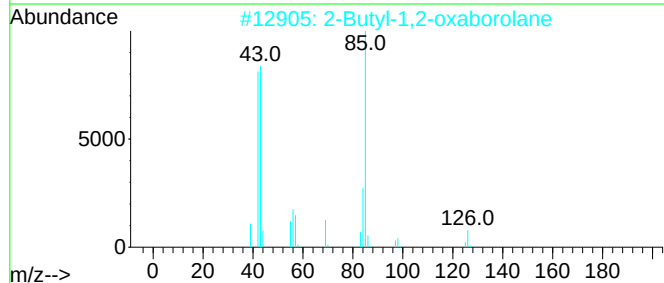
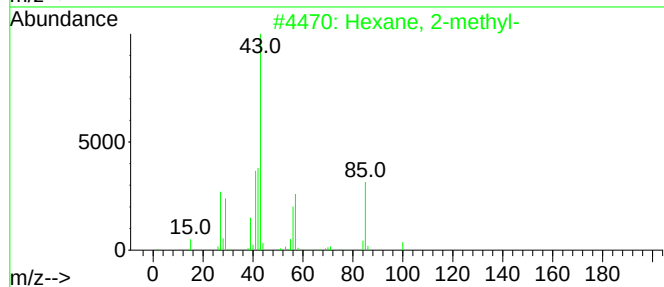
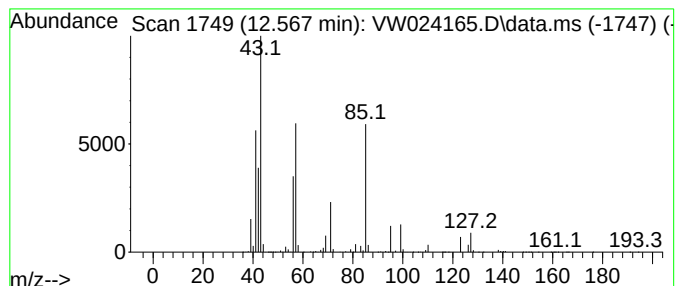
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	65.66 ug/L	11726100	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2-methyl-	100	C7H16	000591-76-4	50
2			2-Butyl-1,2-oxaborolane	126	C7H15BO	005357-13-1	43
3			Hexane, 2-methyl-	100	C7H16	000591-76-4	40
4			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

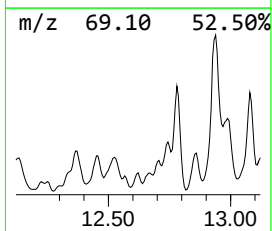
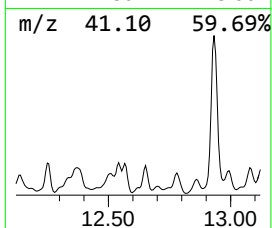
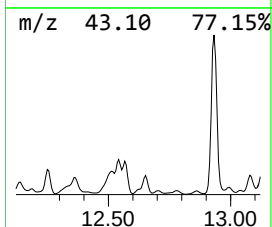
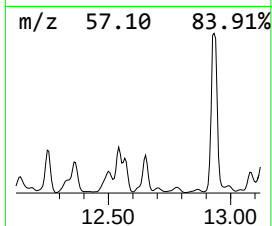
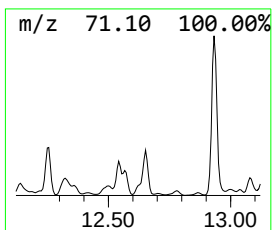
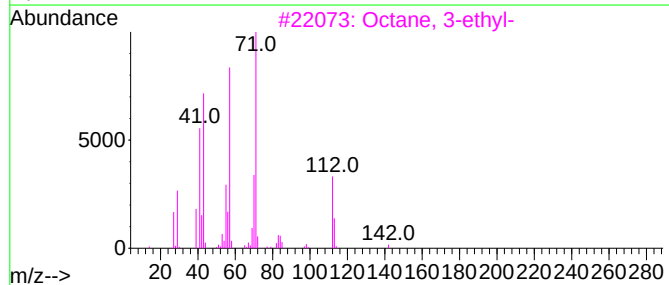
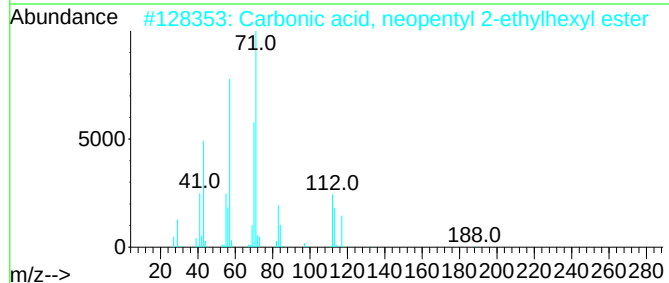
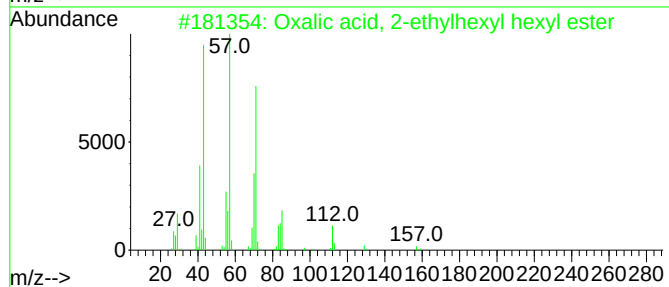
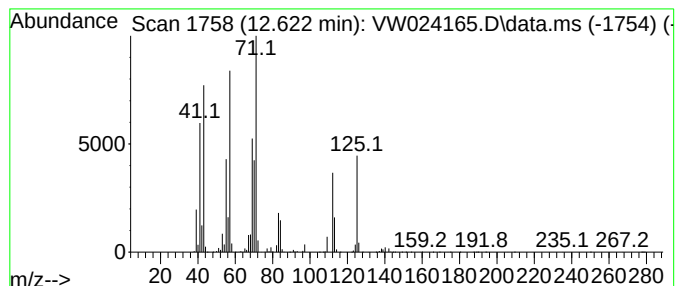
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Quant Title : SFAM01.0

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

Peak Number 28 Oxalic acid, 2-ethylhexyl h... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.622	10.67 ug/L	2541090	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	59
2			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	53
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	52
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	50
5			Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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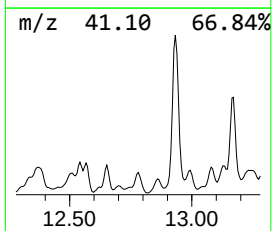
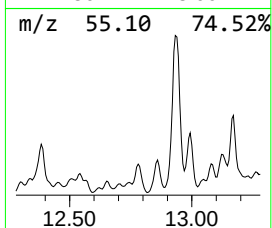
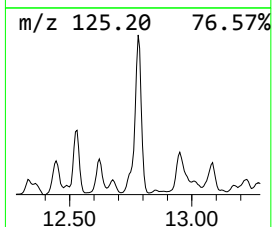
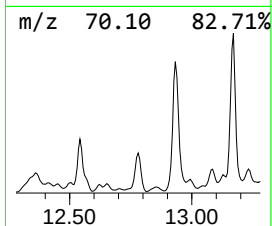
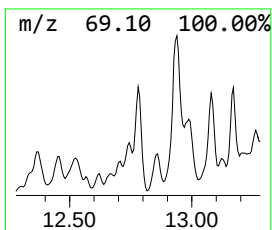
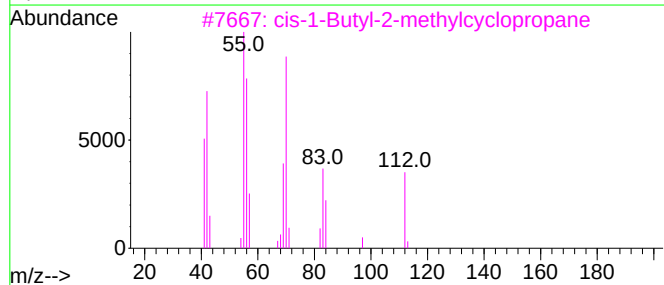
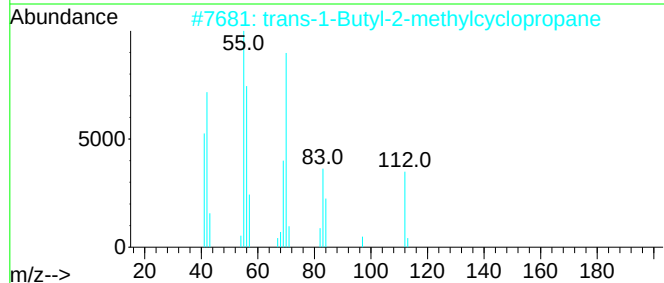
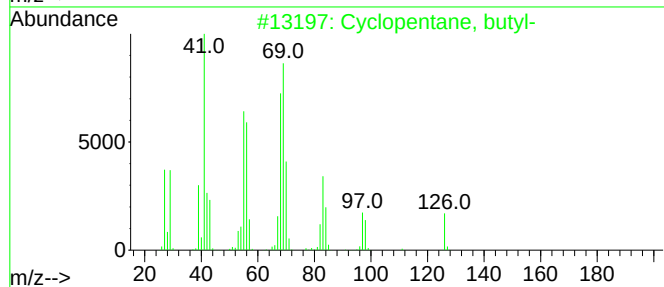
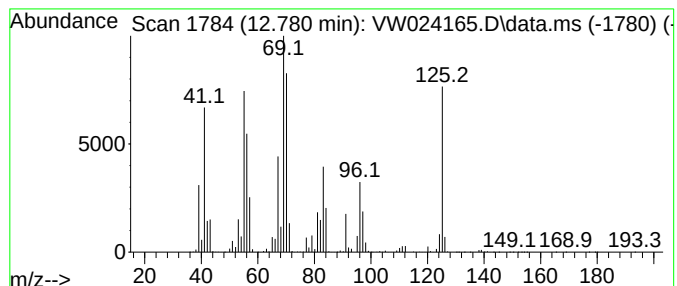
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic12.780 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	74.79 ug/L	17805400	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	50
2			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
3			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
4			Cyclopentane, propyl-	112	C8H16	002040-96-2	38
5			1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

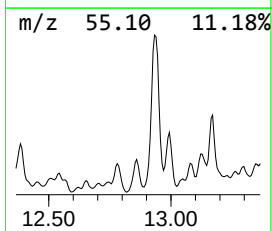
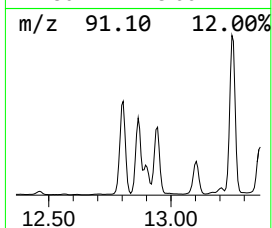
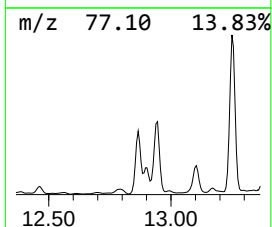
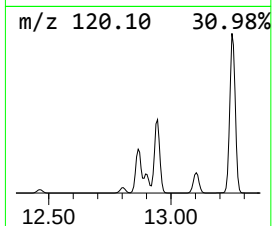
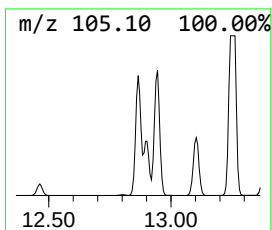
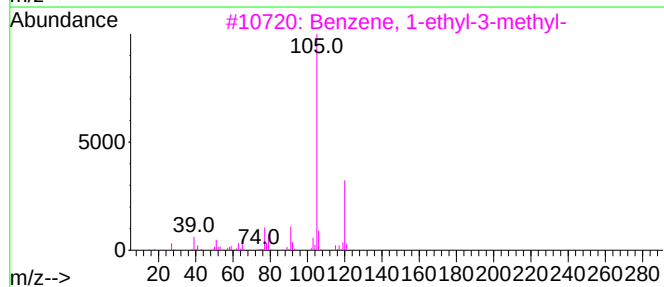
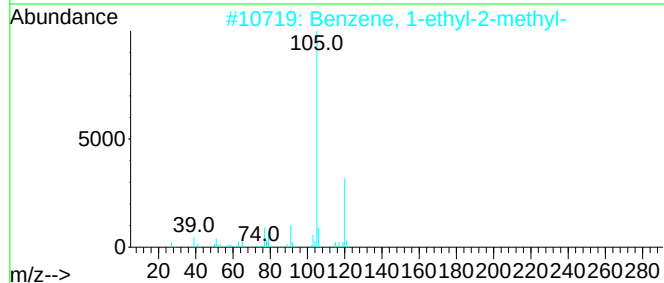
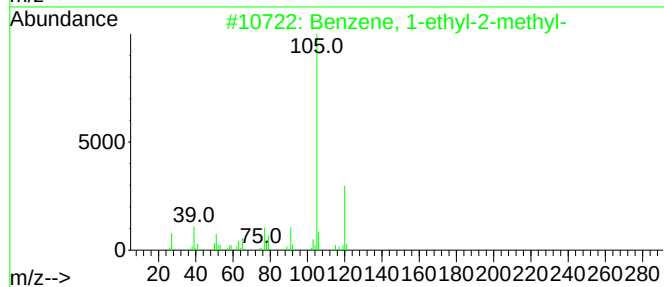
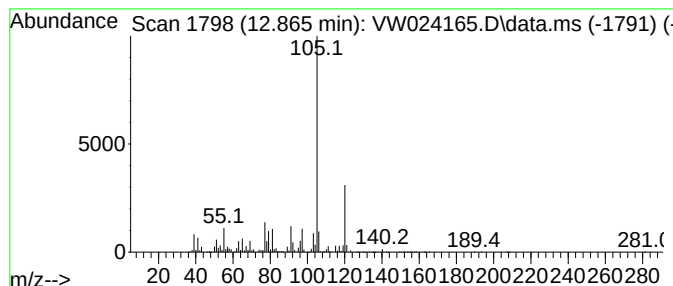
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	152.11 ug/L	36212200	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5			Mesitylene	120	C9H12	000108-67-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

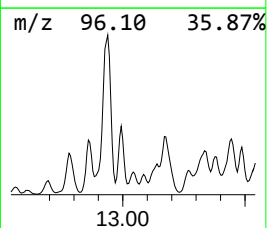
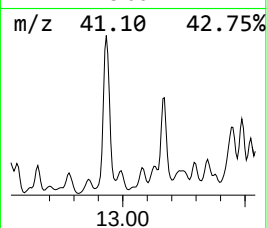
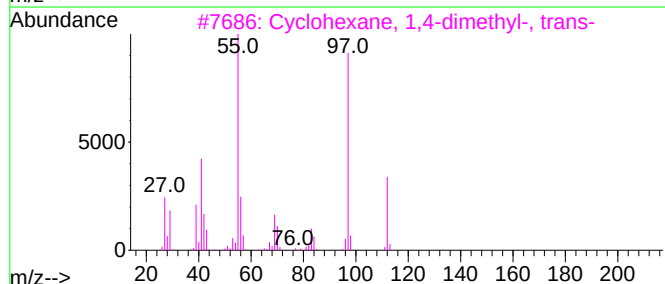
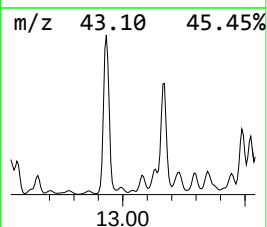
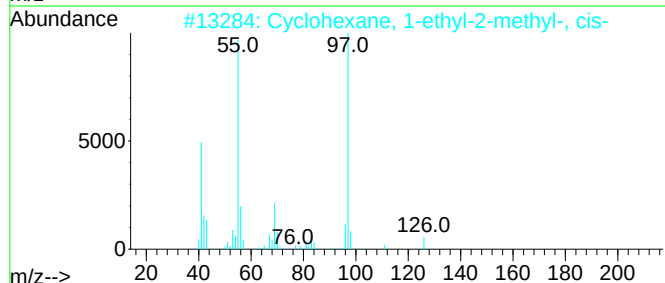
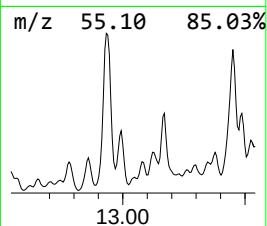
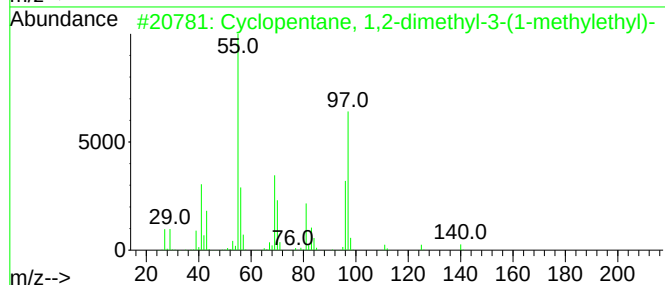
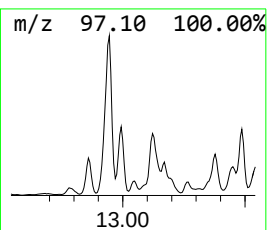
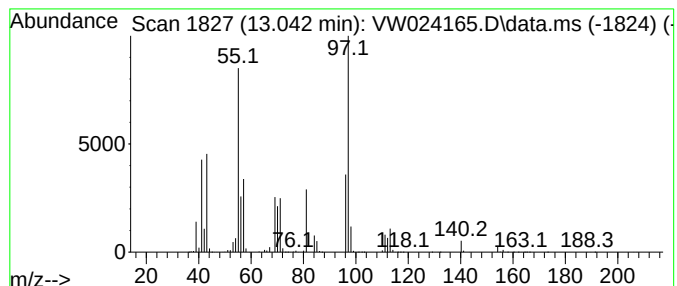
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic13.042 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	4.54 ug/L	1080260	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	72
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
3			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	53
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

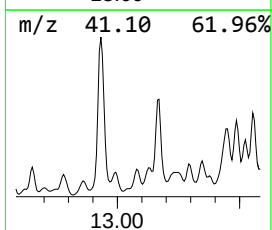
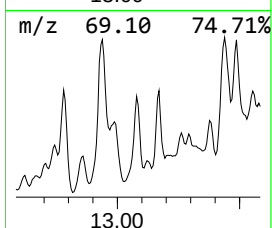
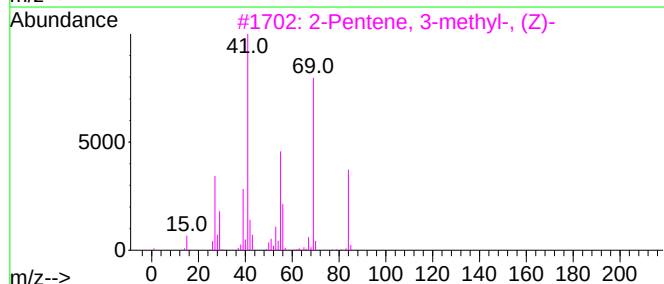
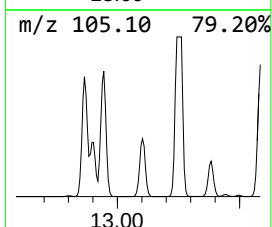
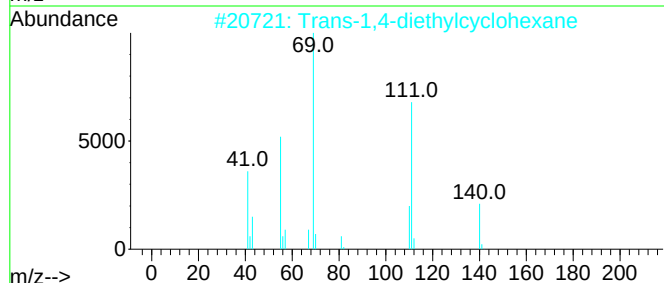
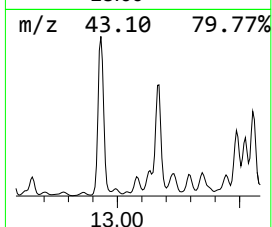
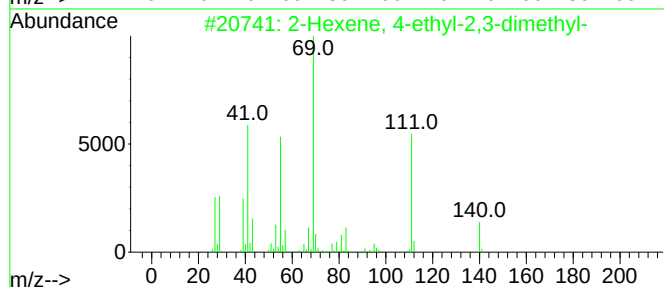
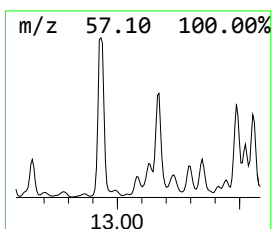
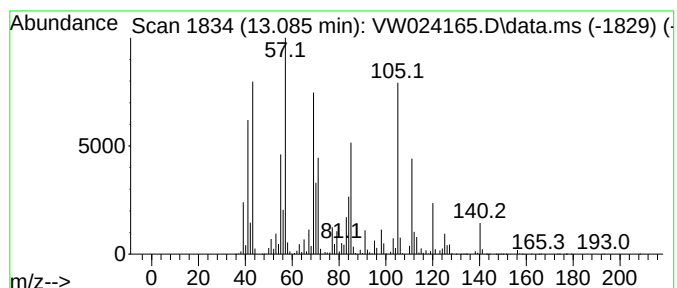
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.085	69.03 ug/L	16433500	1,4-Dichlorobenzene-d4	13.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	46	
2	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	38	
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38	
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38	
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

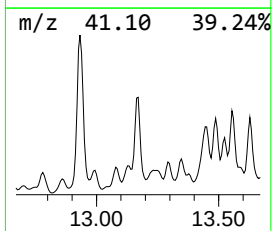
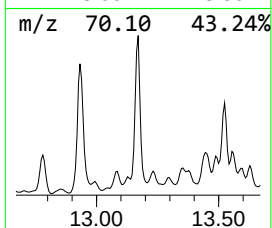
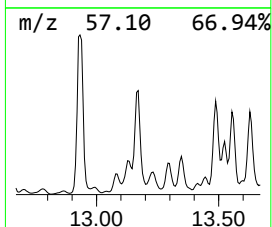
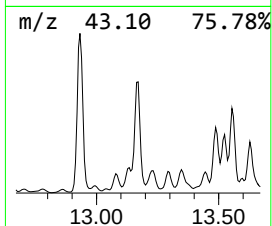
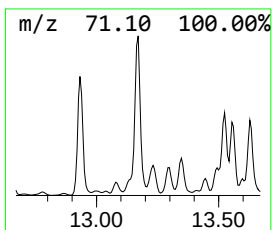
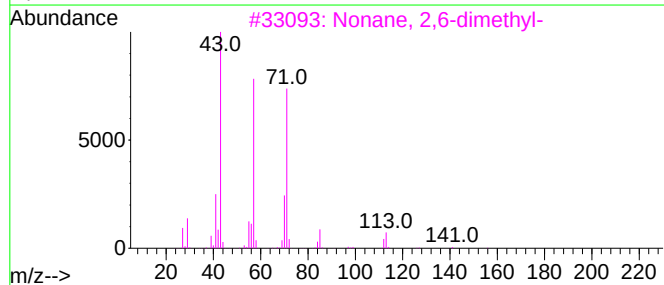
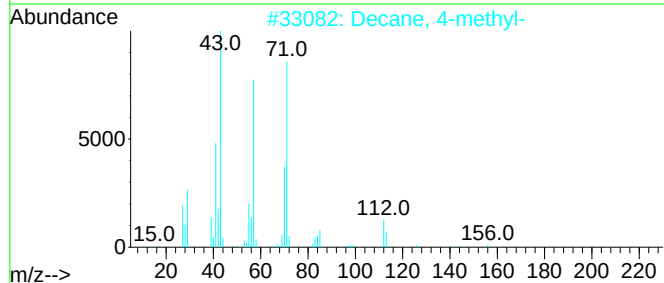
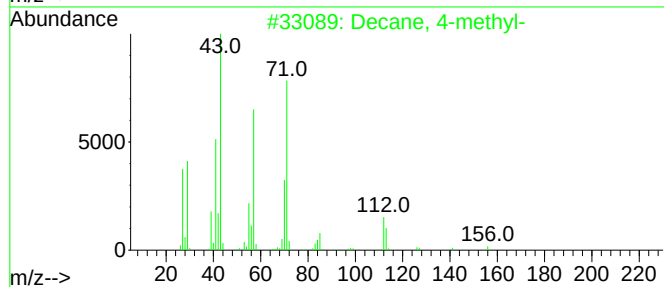
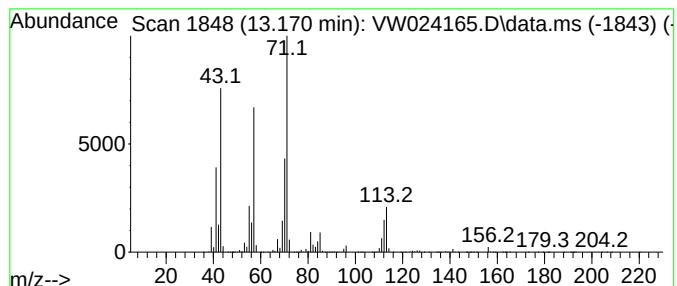
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	212.66 ug/L	50627600	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	74
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	68
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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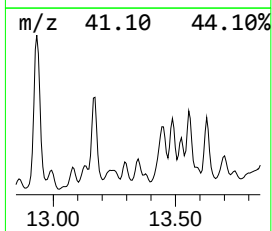
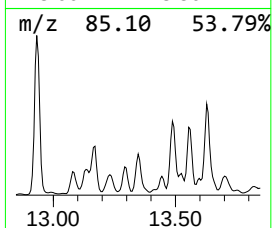
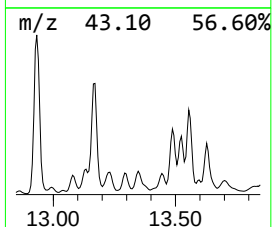
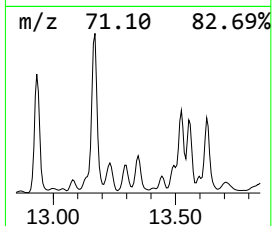
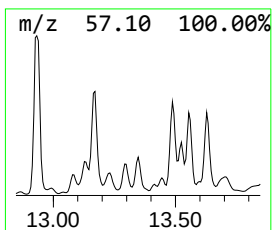
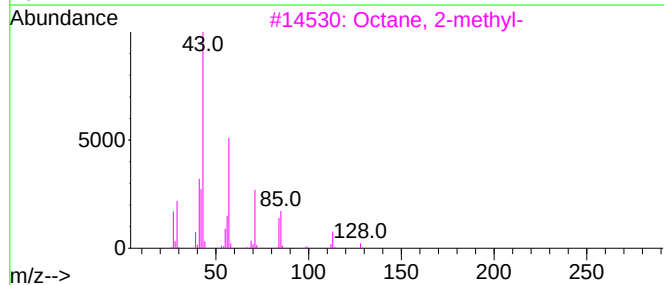
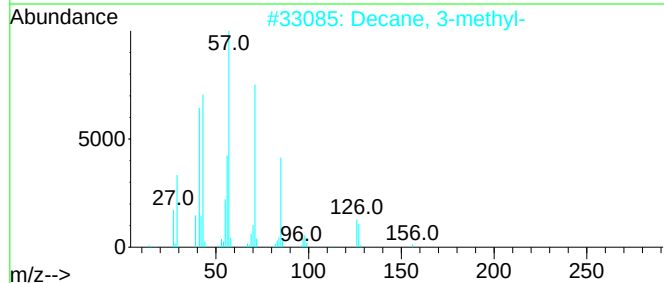
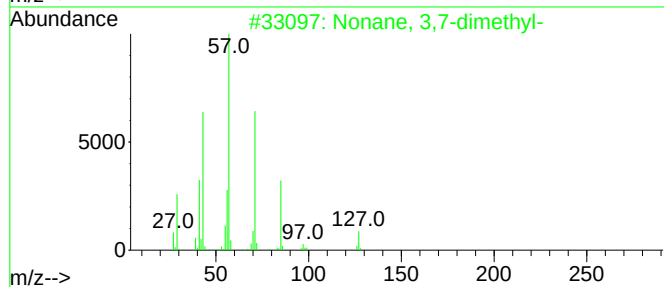
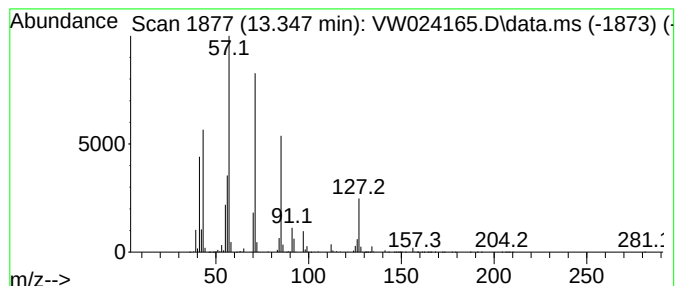
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	51.80 ug/L	12331100	1,4-Dichlorobenzene-d4	13.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	78
2		Decane, 3-methyl-	156	C11H24	013151-34-3	64
3		Octane, 2-methyl-	128	C9H20	003221-61-2	64
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

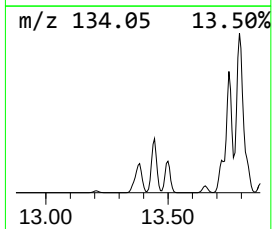
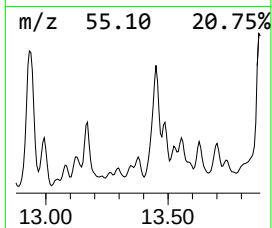
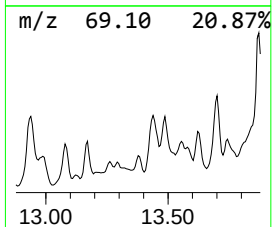
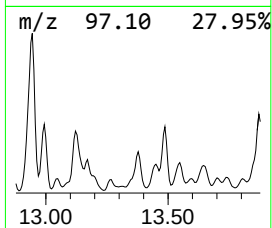
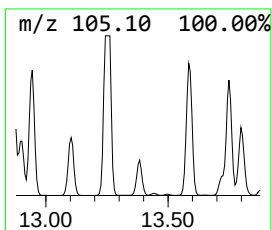
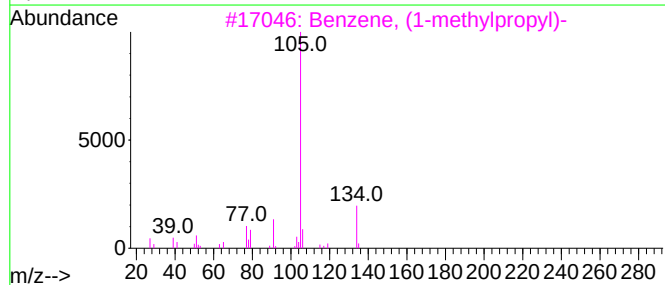
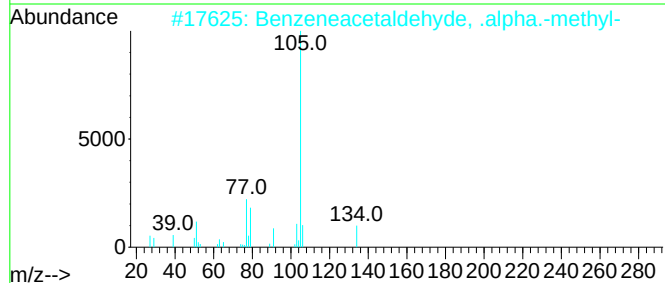
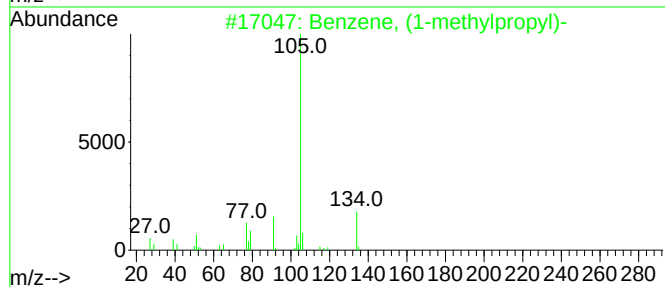
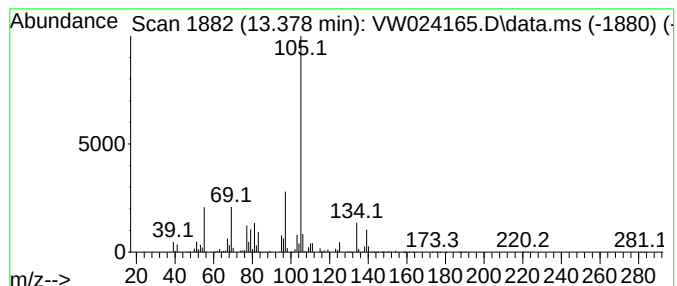
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Quant Title : SFAM01.0

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

Peak Number 35 Benzene, (1-methylpropyl)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	35.13 ug/L	8362860	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
2			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	45
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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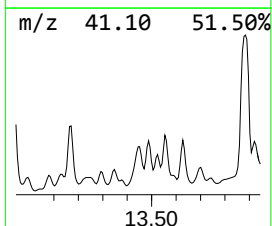
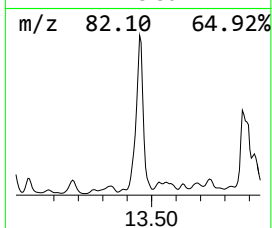
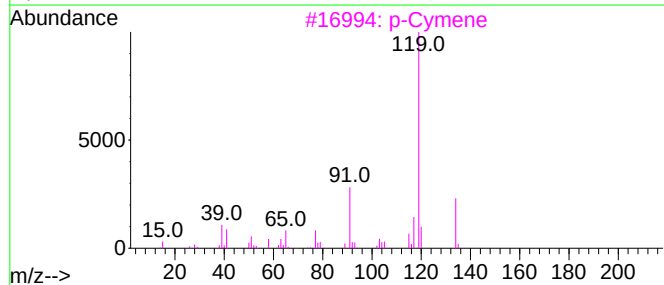
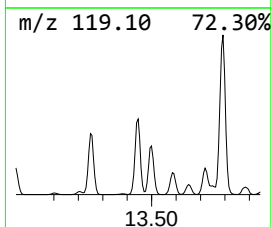
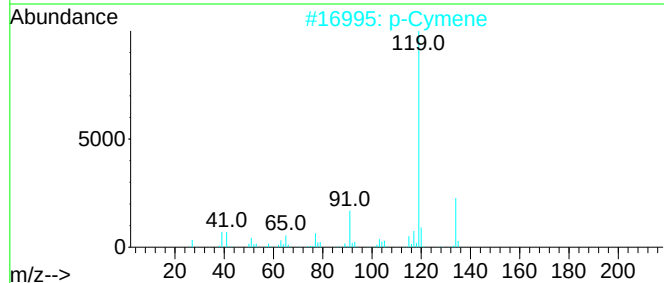
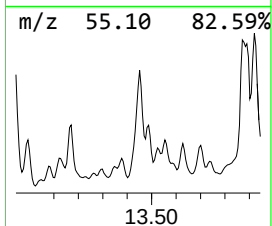
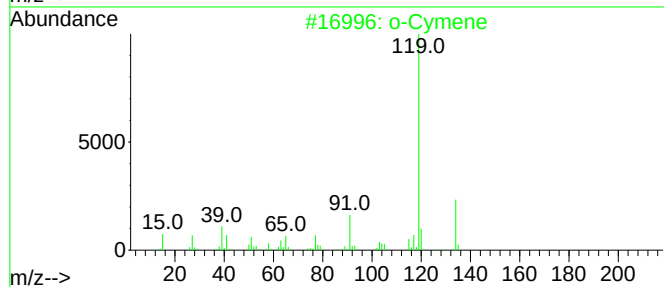
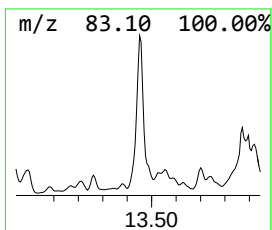
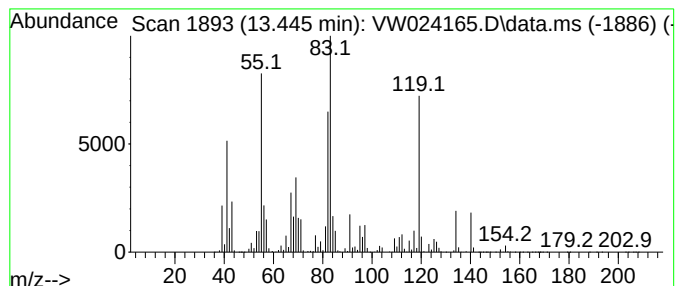
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Quant Title : SFAM01.0

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

Peak Number 36 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	256.97 ug/L	61176000	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	68
2			p-Cymene	134	C10H14	000099-87-6	68
3			p-Cymene	134	C10H14	000099-87-6	68
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5			o-Cymene	134	C10H14	000527-84-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

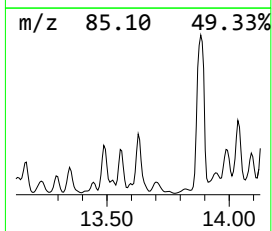
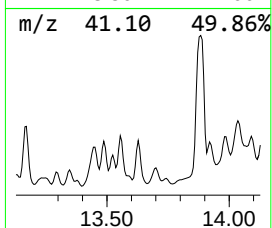
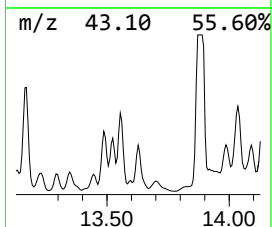
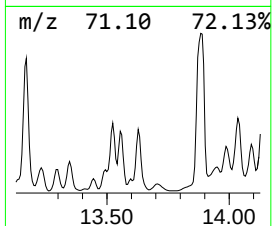
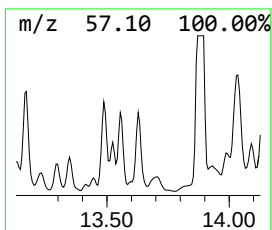
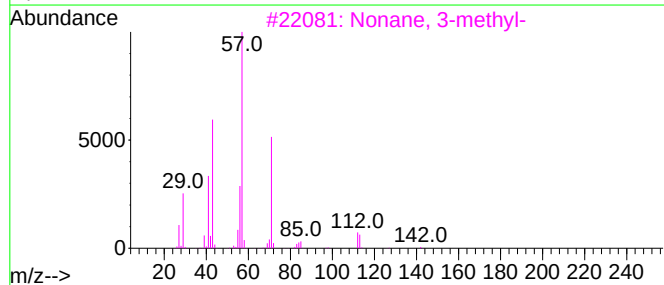
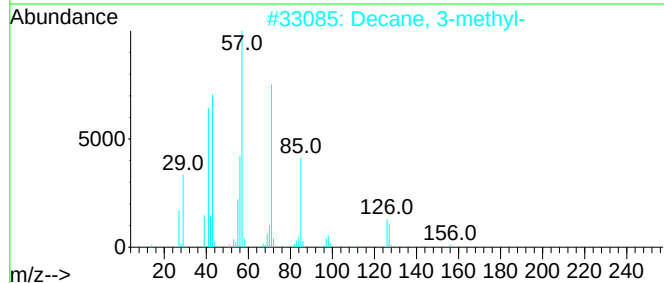
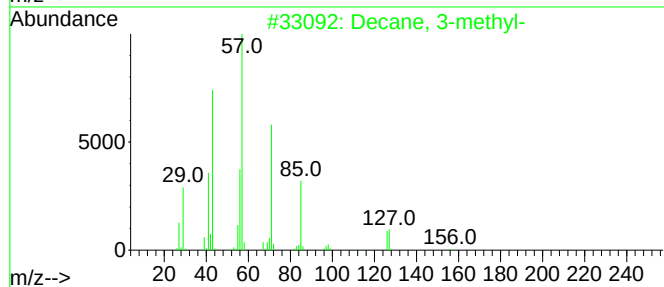
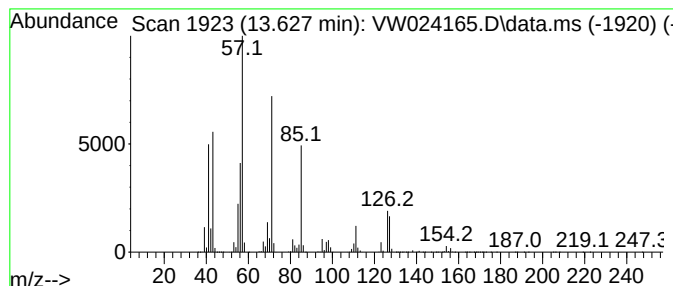
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.628	125.33 ug/L	29836900	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	93
2			Decane, 3-methyl-	156	C11H24	013151-34-3	87
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	43
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

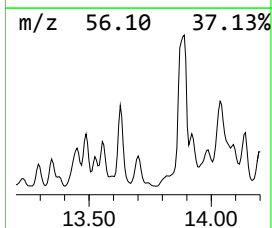
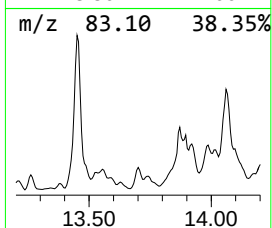
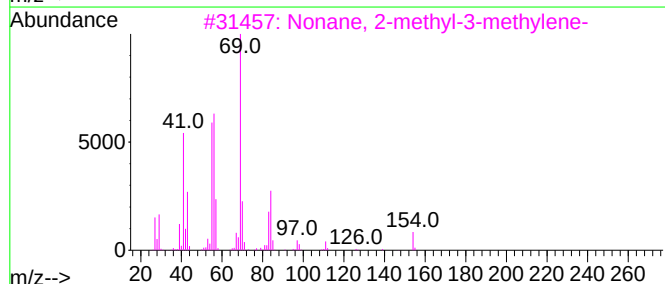
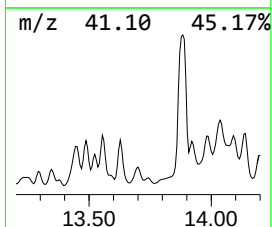
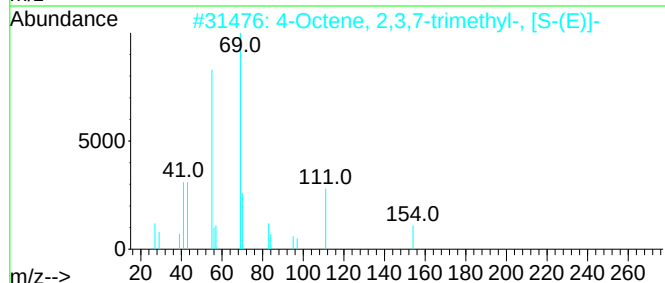
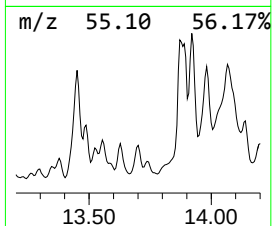
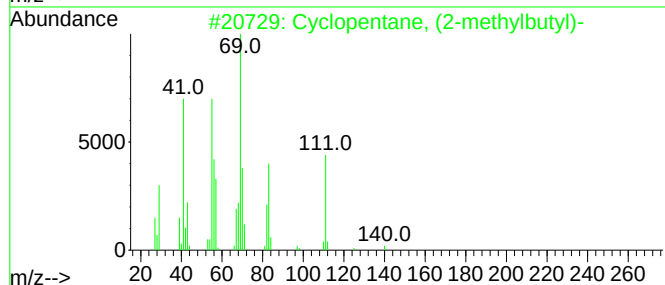
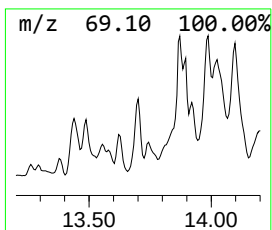
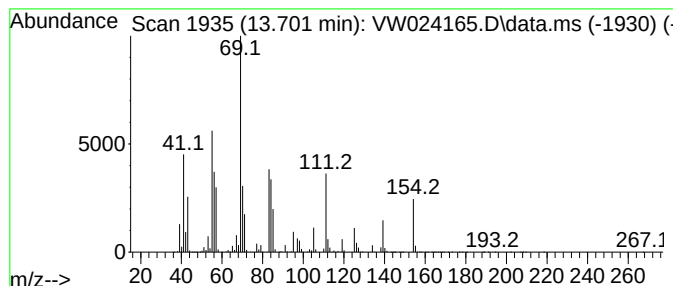
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Cyclic13.701 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	85.06 ug/L	20250900	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
2			4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	50
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47
4			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	43
5			3-Ethyl-4-methylpentan-1-ol	130	C8H18O	038514-13-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

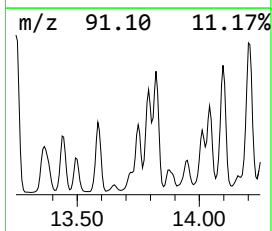
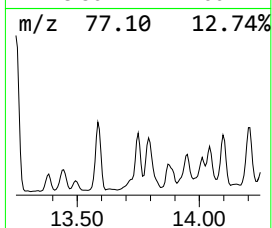
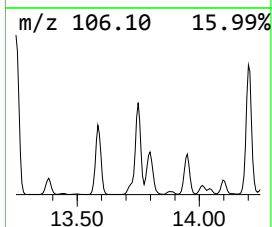
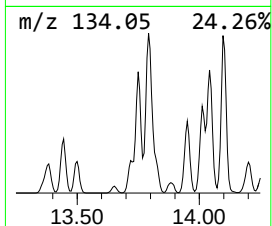
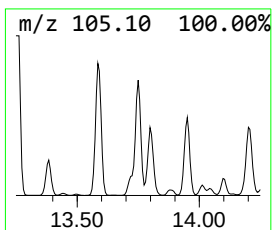
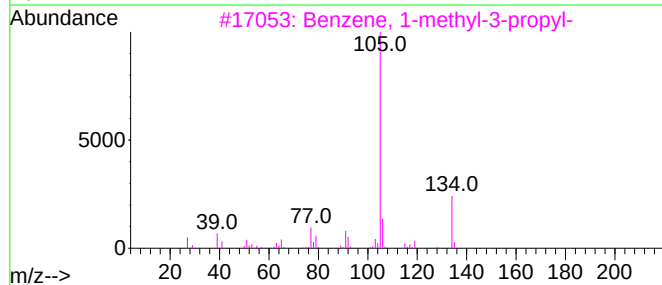
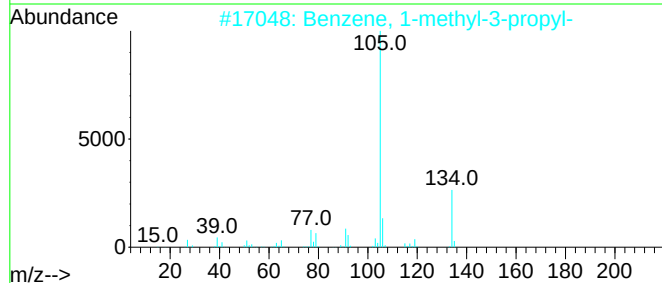
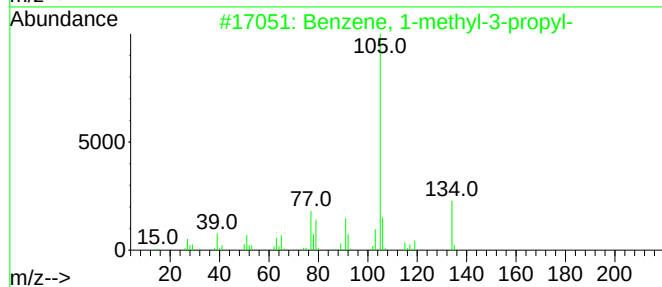
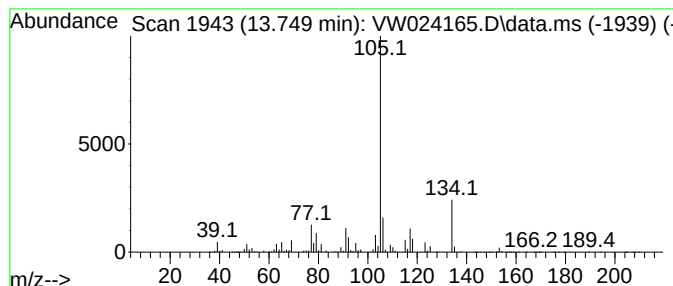
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 1-methyl-3-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	72.89 ug/L	17352500	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
5			2-Tolylloxirane	134	C9H10O	002783-26-8	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

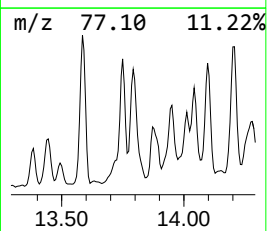
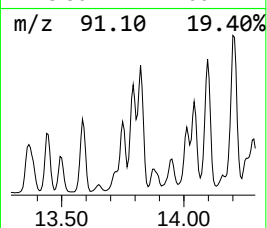
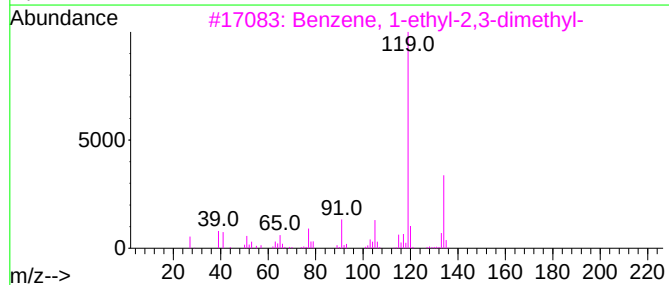
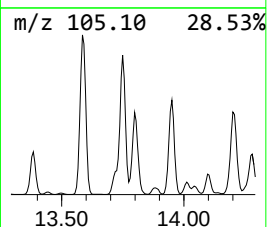
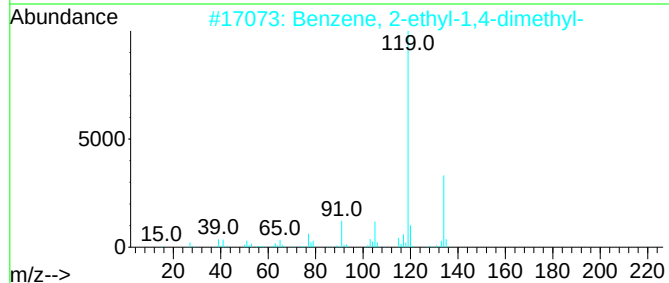
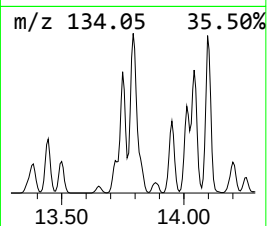
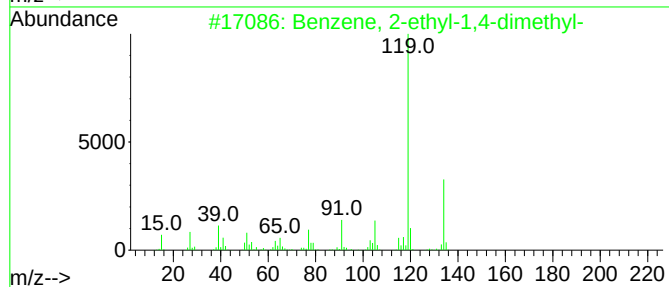
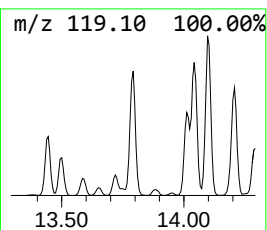
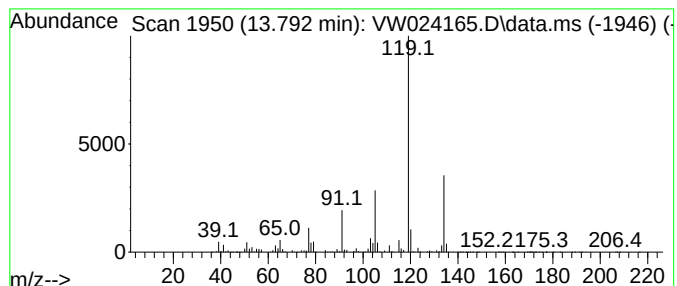
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Quant Title : SFAM01.0

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

Peak Number 40 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	96.16 ug/L	22893300	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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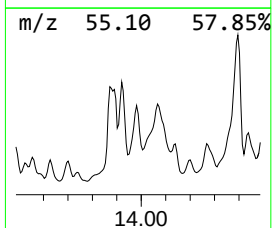
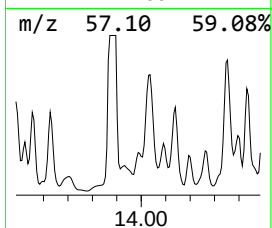
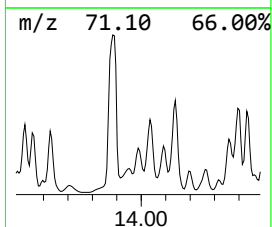
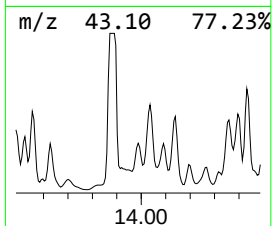
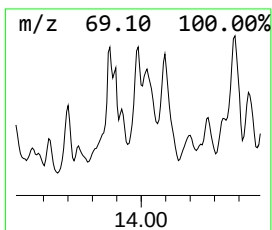
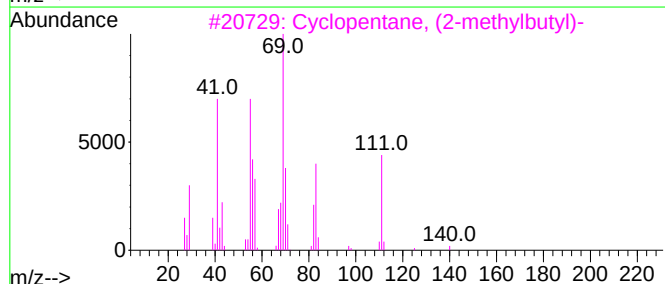
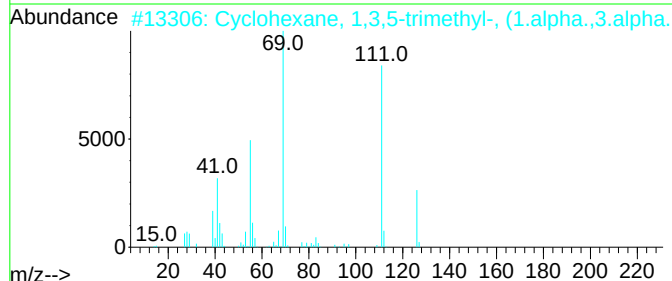
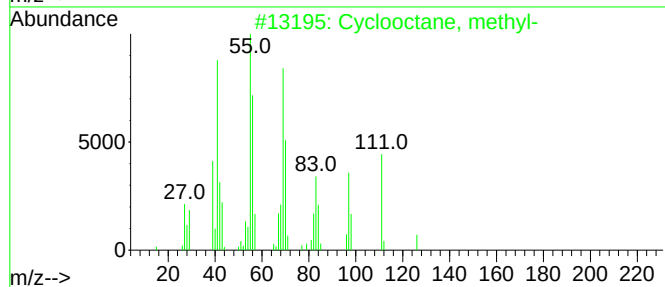
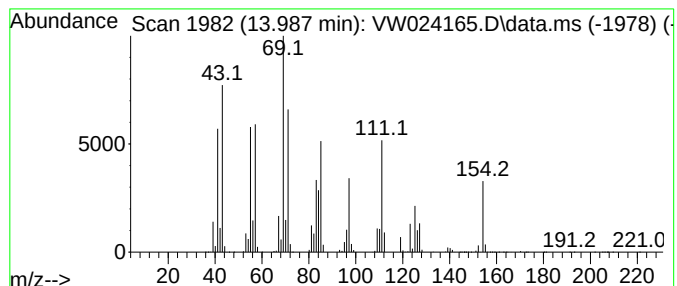
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Cyclic13.987 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.987	97.26 ug/L	23153500	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	46
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	38
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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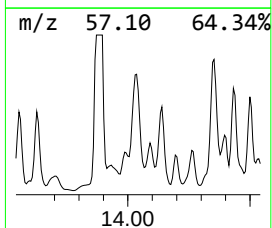
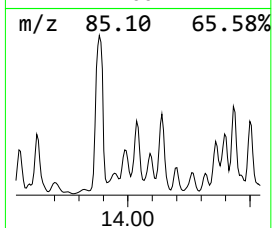
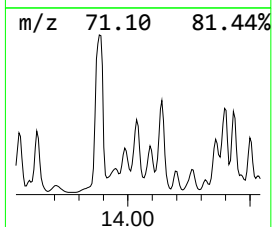
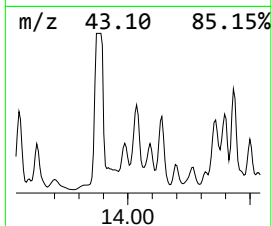
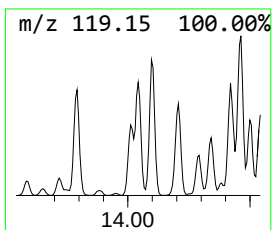
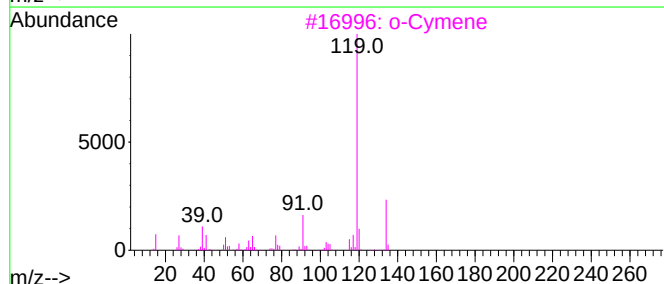
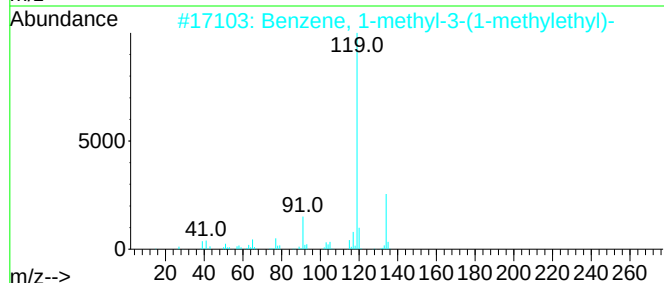
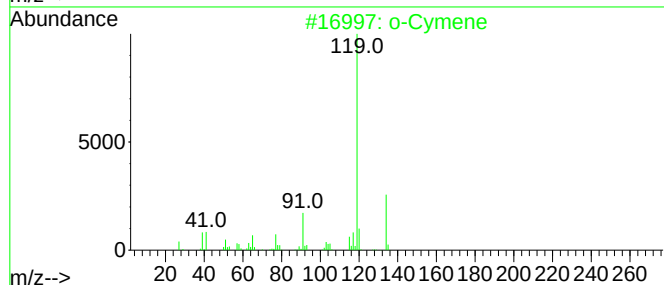
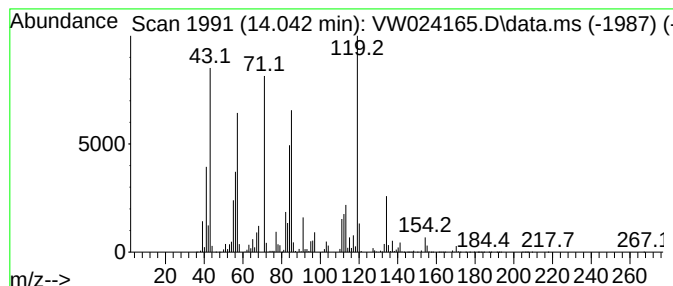
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Quant Title : SFAM01.0

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

Peak Number 42 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	181.66 ug/L	43247300	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	78
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
3			o-Cymene	134	C10H14	000527-84-4	74
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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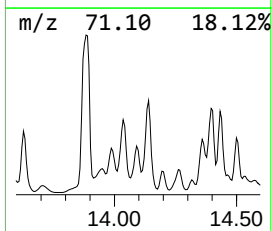
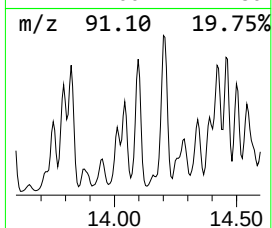
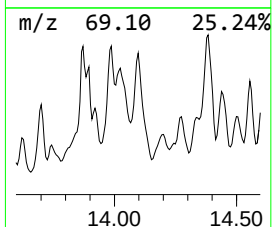
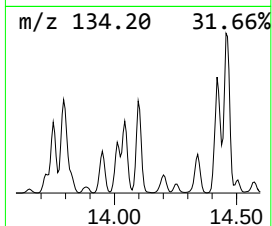
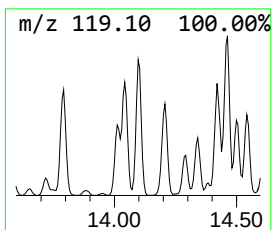
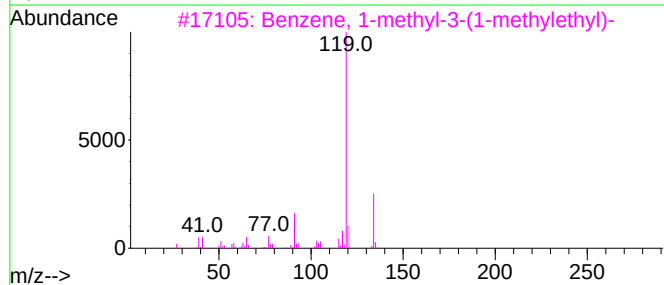
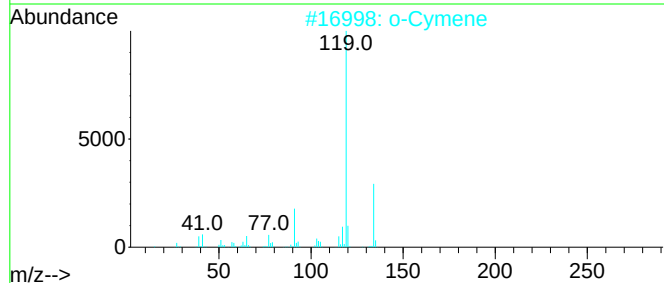
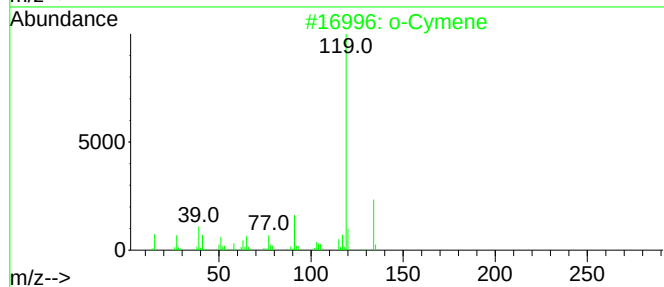
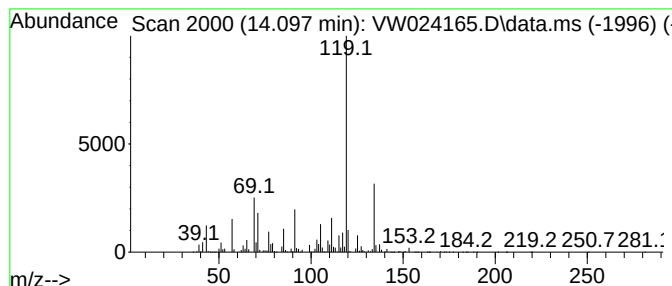
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Quant Title : SFAM01.0

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

Peak Number 43 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	174.49 ug/L	41539600	1,4-Dichlorobenzene-d4	13.536

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

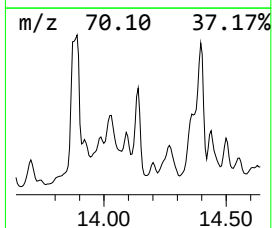
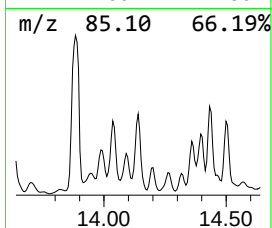
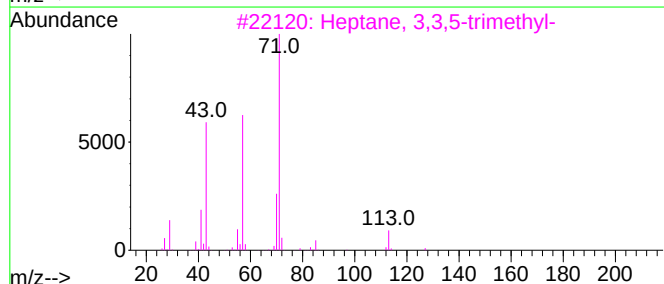
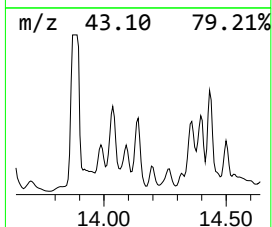
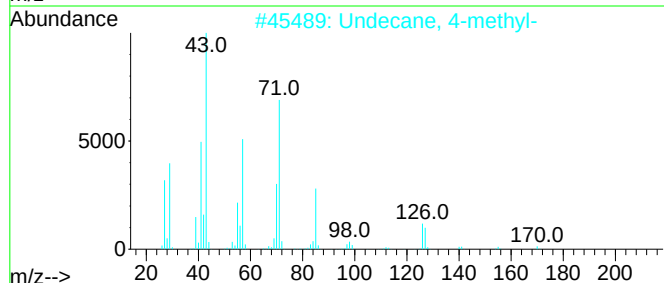
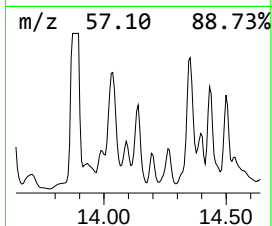
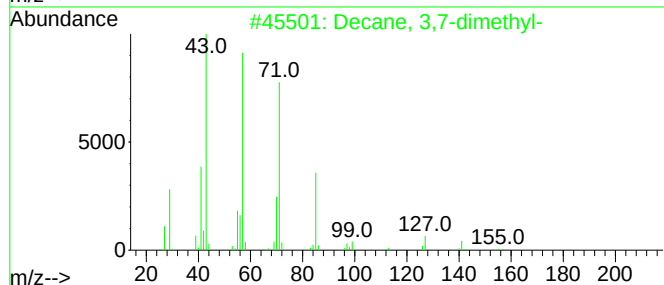
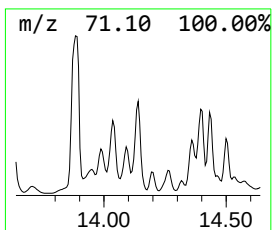
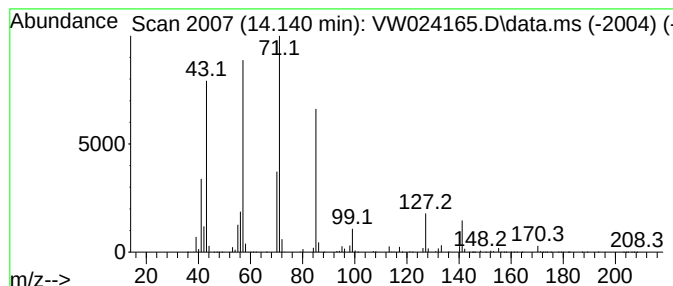
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.140	157.32 ug/L	37453100	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2			Undecane, 4-methyl-	170	C12H26	002980-69-0	64
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4			Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50
5			Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

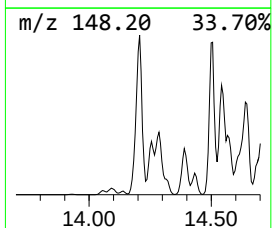
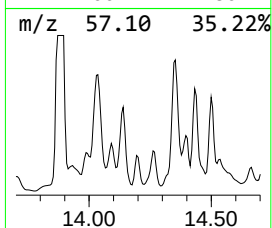
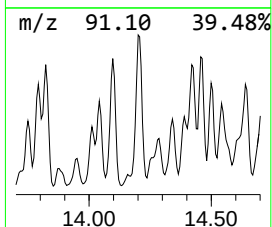
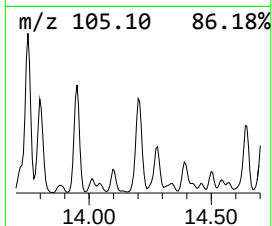
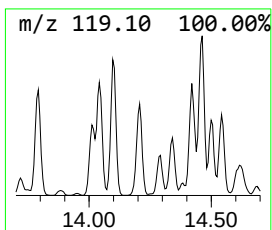
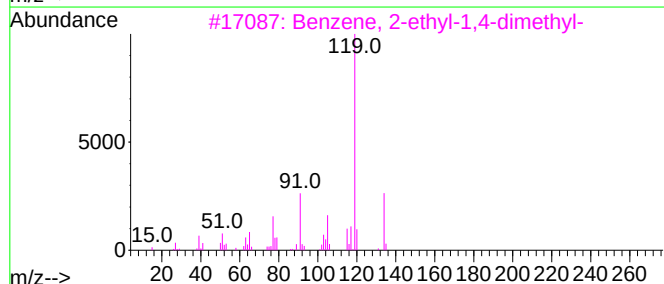
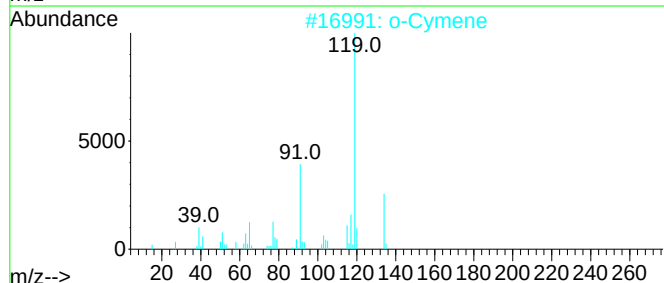
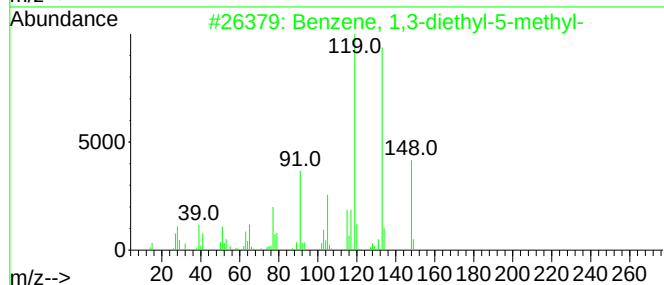
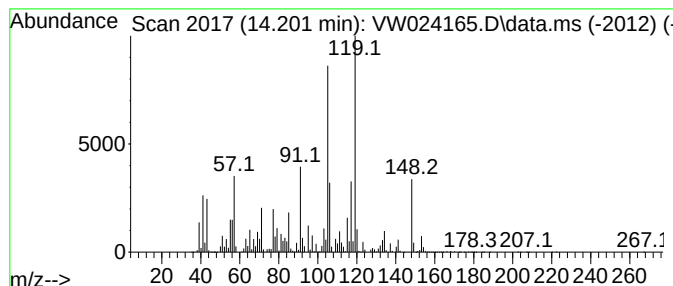
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Quant Title : SFAM01.0

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

Peak Number 45 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	237.16 ug/L	56461000	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
2			o-Cymene	134	C10H14	000527-84-4	55
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

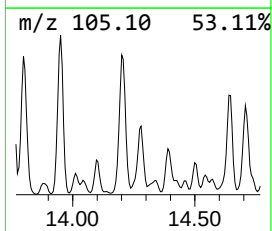
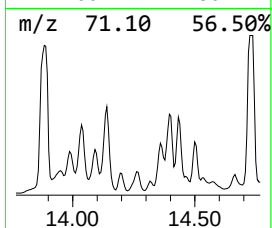
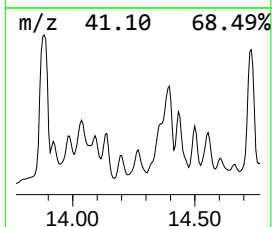
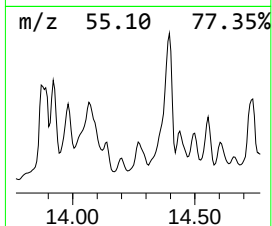
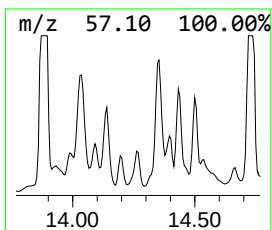
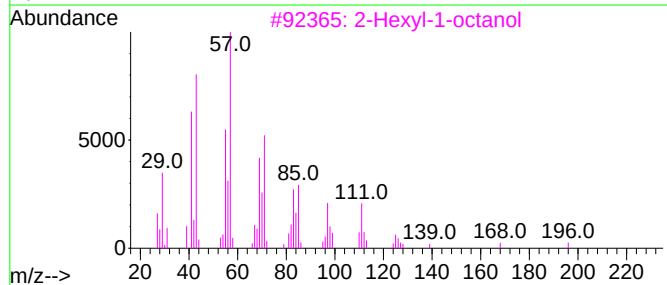
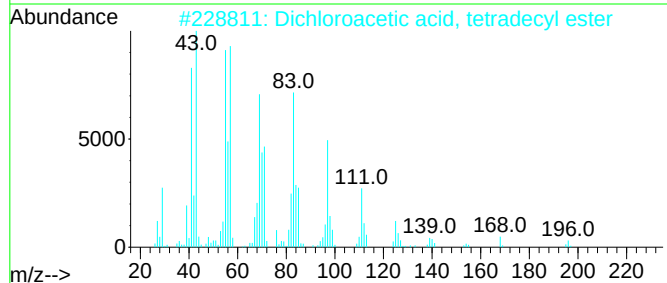
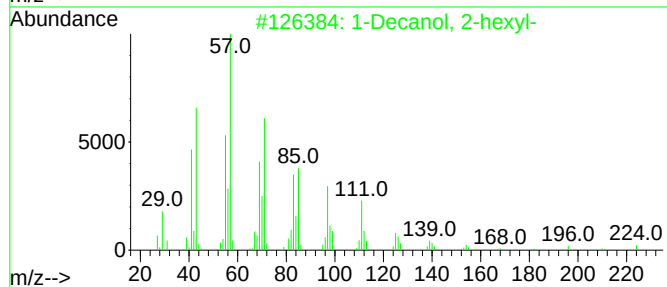
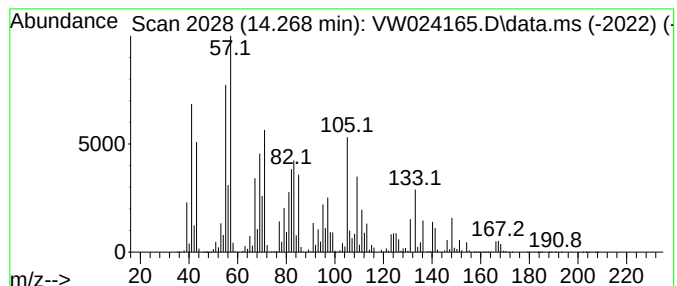
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Quant Title : SFAM01.0

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

Peak Number 46 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.268	188.61 ug/L	44902800	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-			242	C16H34O	002425-77-6	41
2	Dichloroacetic acid, tetradecyl ...			324	C16H30Cl2O2	083005-02-1	41
3	2-Hexyl-1-octanol			214	C14H30O	019780-79-1	38
4	2-Ethyl-1-dodecanol			214	C14H30O	019780-33-7	38
5	Trichloroacetic acid, tetradecyl...			358	C16H29Cl3O2	074339-52-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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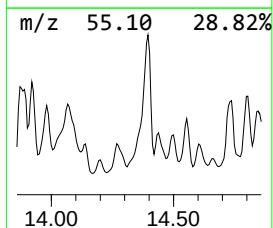
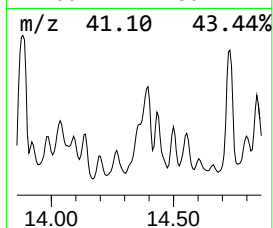
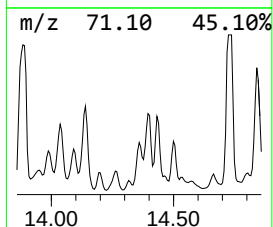
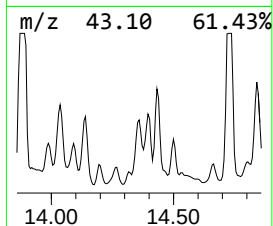
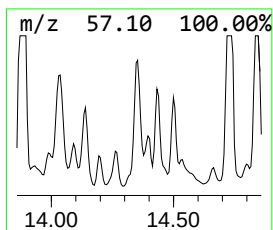
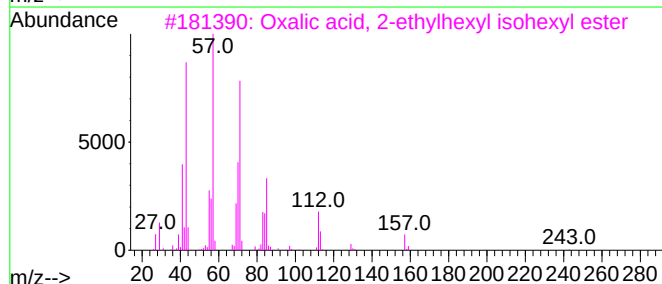
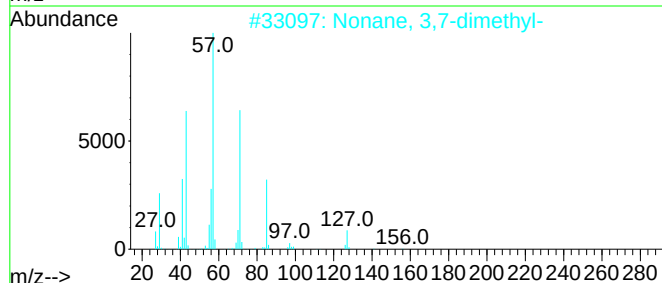
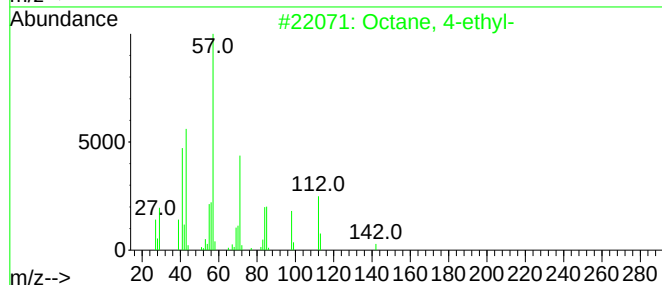
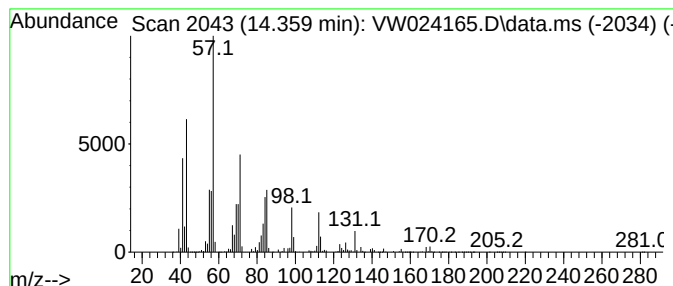
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	289.55 ug/L	68932200	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-ethyl-	142	C10H22	015869-86-0	72
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
3			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	47
4			Dodecane	170	C12H26	000112-40-3	47
5			Tetradecane	198	C14H30	000629-59-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

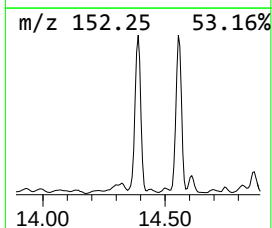
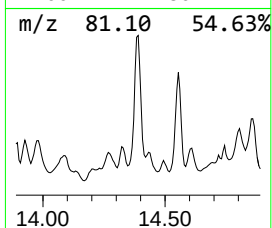
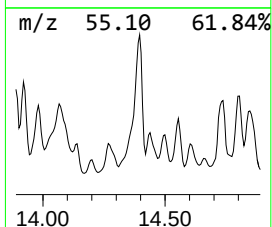
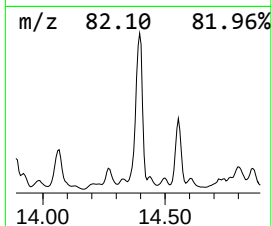
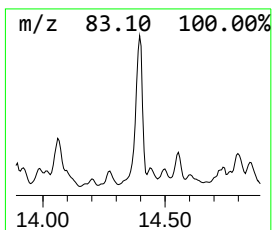
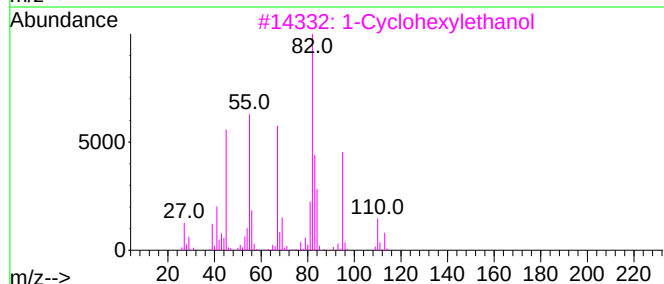
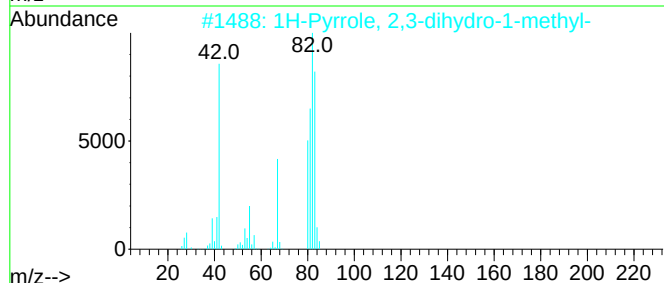
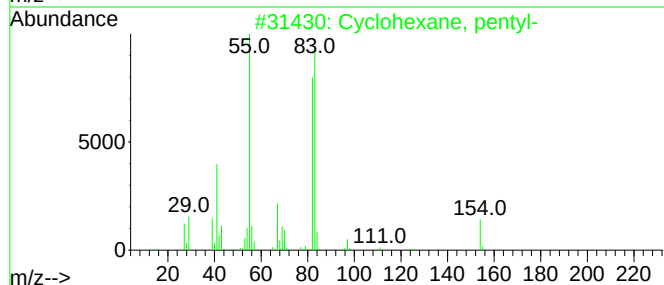
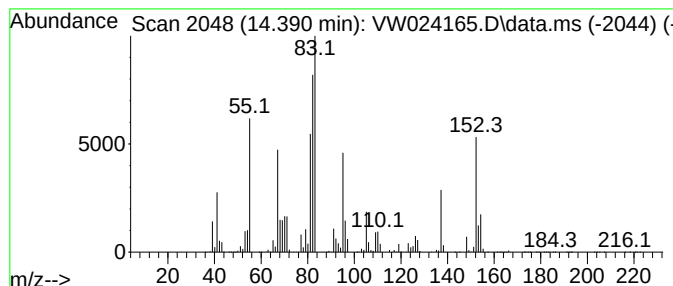
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Quant Title : SFAM01.0

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

Peak Number 48 (DEL) Alkane: Cyclic14.390 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	356.80 ug/L	84942900	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2			1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	43
3			1-Cyclohexylethanol	128	C8H16O	001193-81-3	43
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	38
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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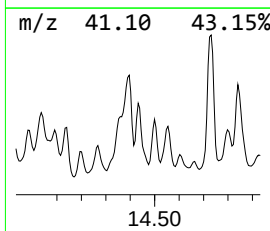
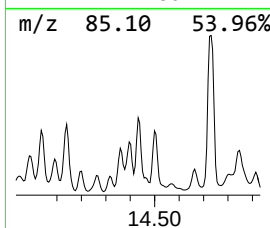
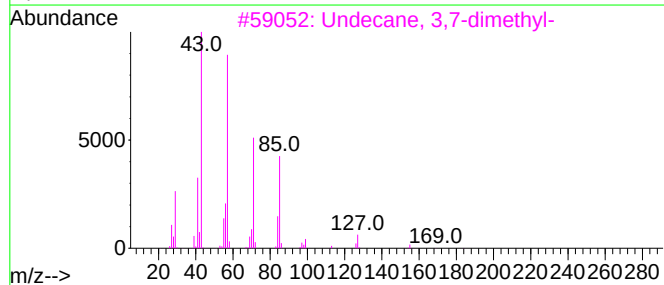
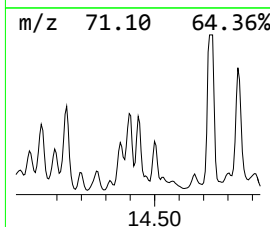
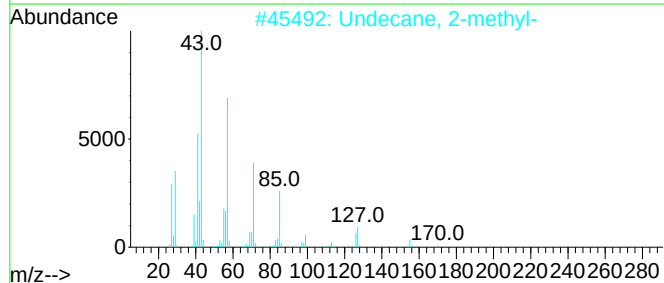
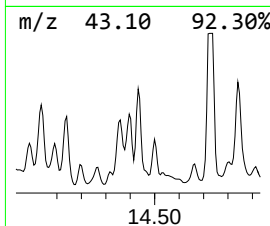
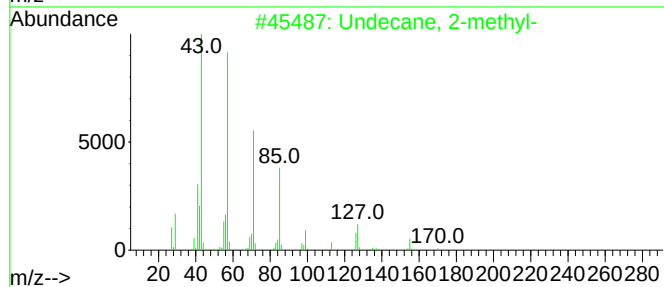
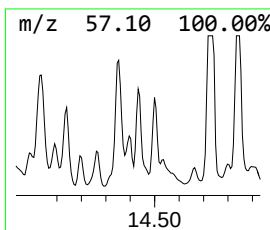
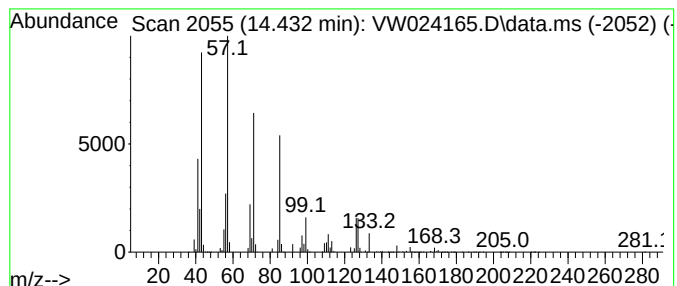
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Quant Title : SFAM01.0

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.432	92.11 ug/L	21928600	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	81
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

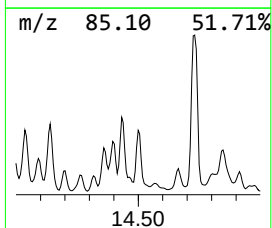
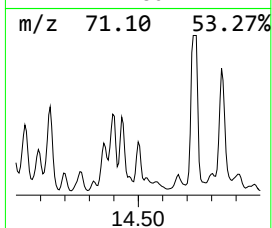
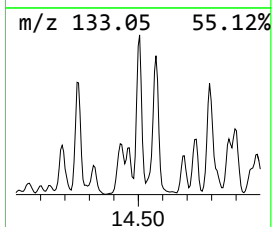
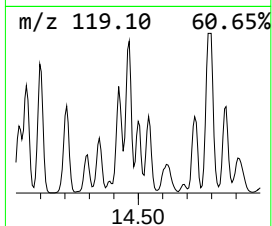
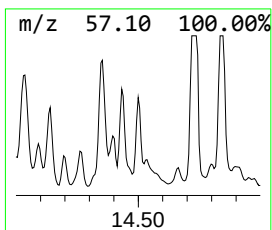
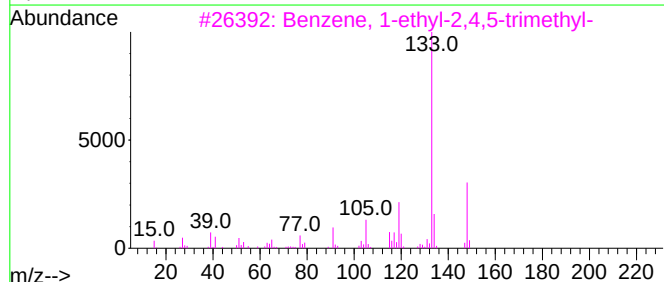
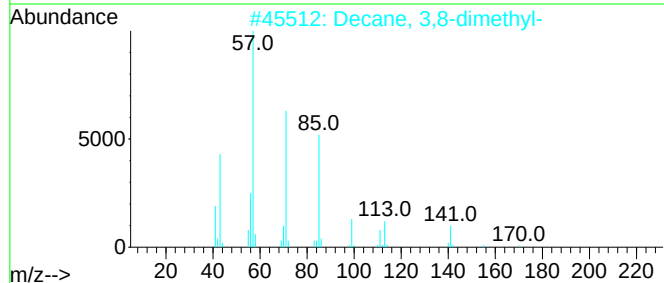
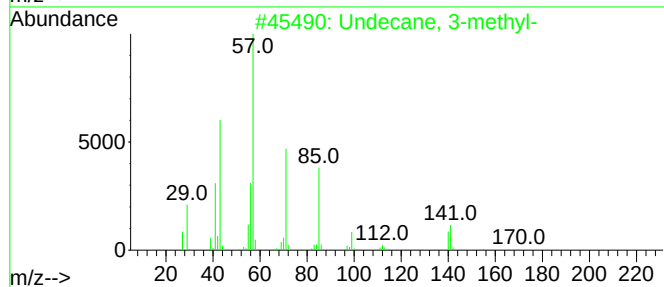
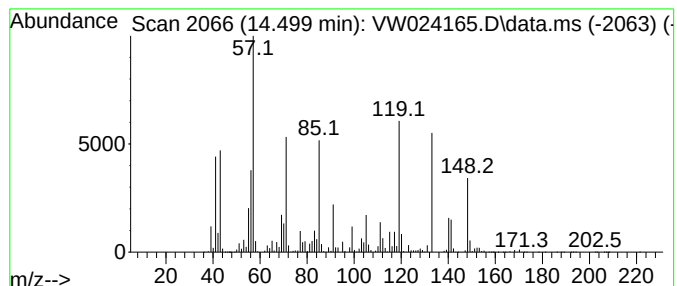
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Quant Title : SFAM01.0

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	173.73 ug/L	41360400	1,4-Dichlorobenzene-d4	13.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	46
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	38
4		Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	38
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

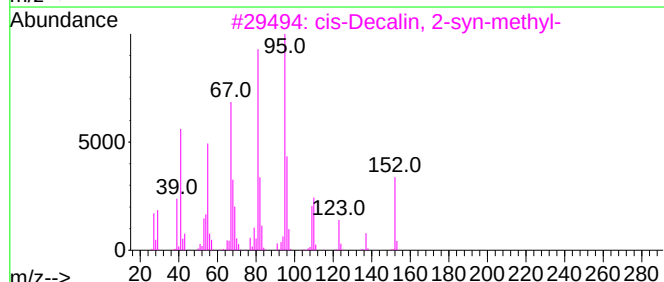
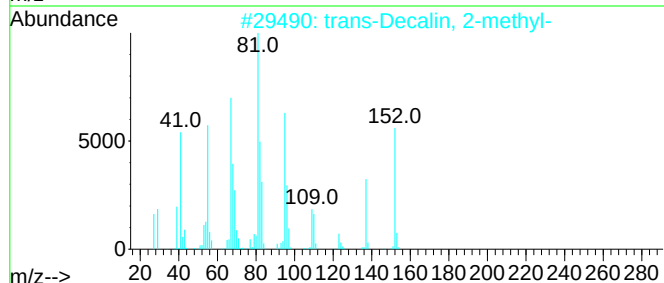
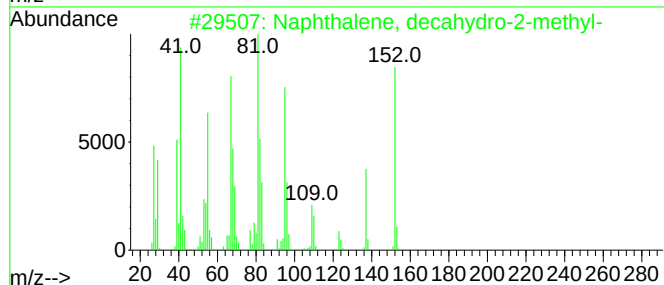
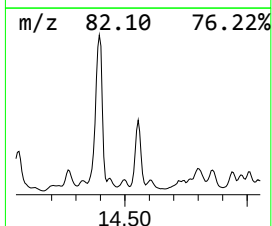
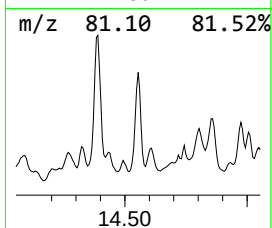
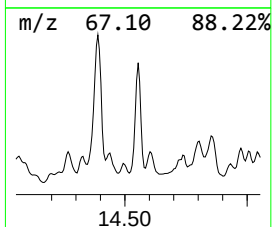
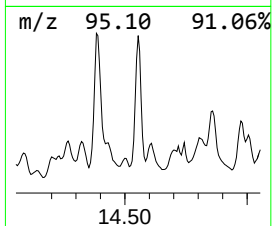
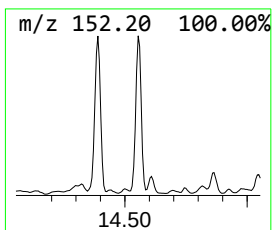
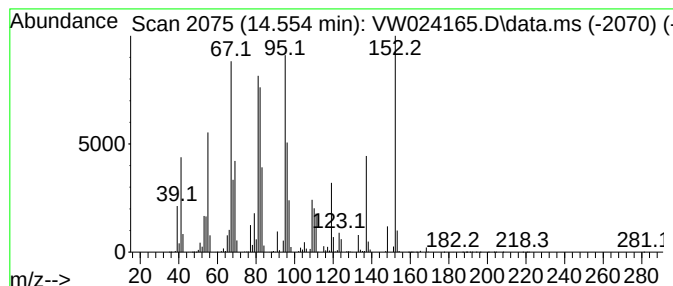
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Quant Title : SFAM01.0

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

Peak Number 51 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.554	296.41 ug/L	70565900	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
4			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	68
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

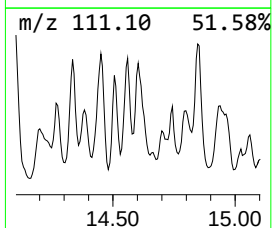
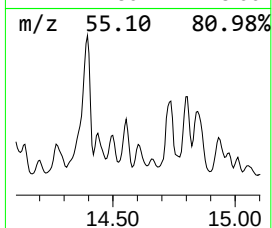
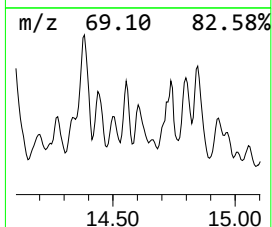
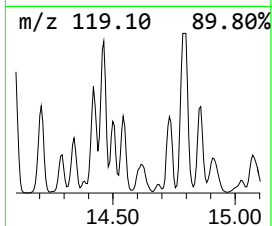
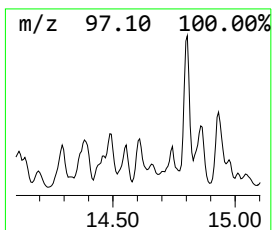
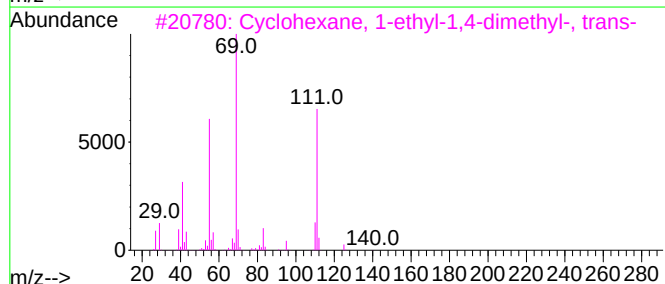
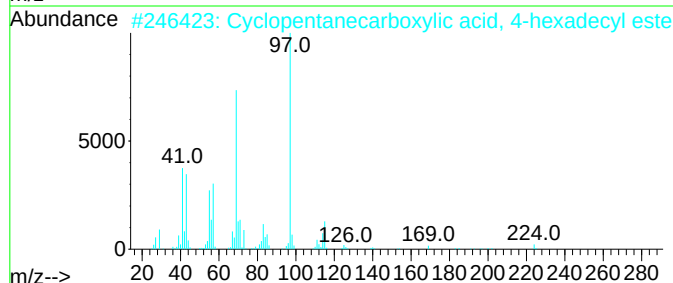
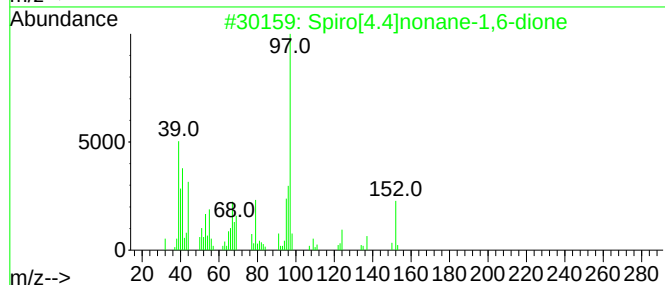
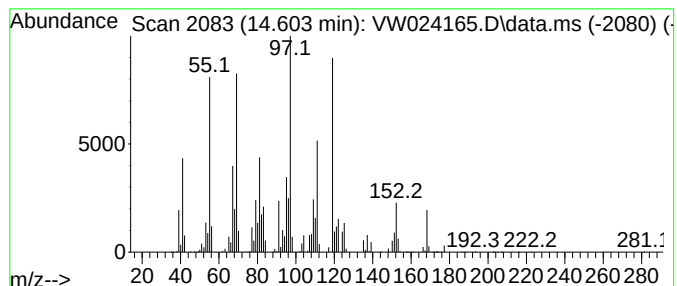
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Quant Title : SFAM01.0

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

Peak Number 52 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.603	69.34 ug/L	16506500	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[4.4]nonane-1,6-dione	152	C9H12O2	027723-43-9	30
2			Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	27
3			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	14
4			1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	1000141-71-1	14
5			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

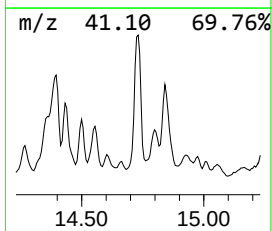
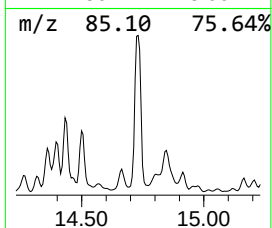
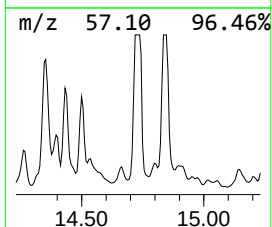
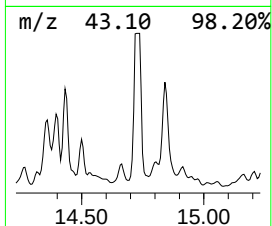
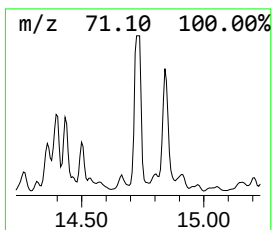
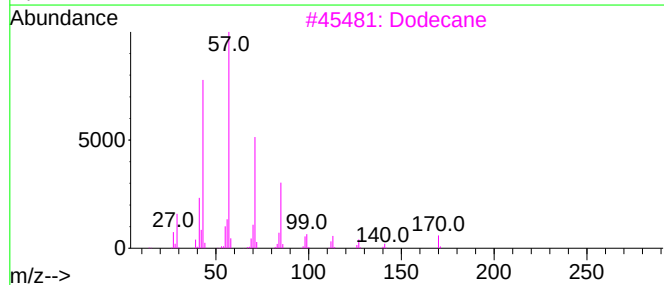
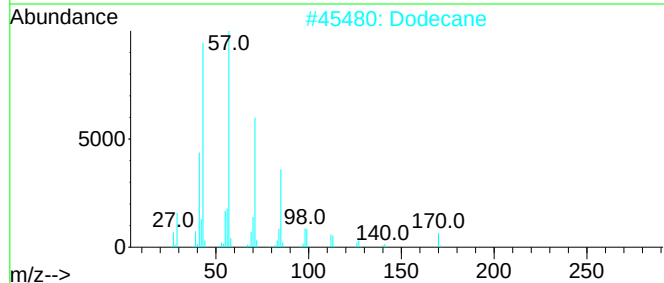
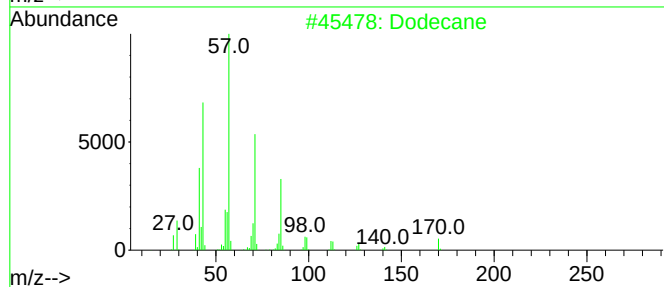
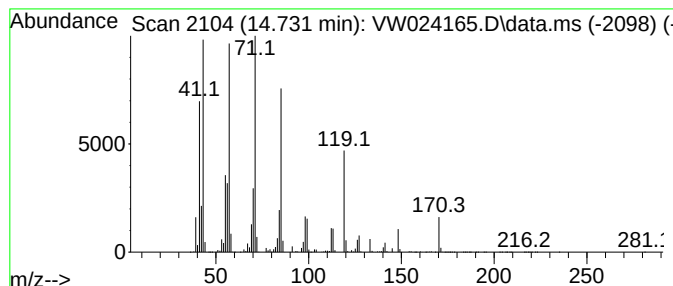
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	570.86 ug/L	135903000	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Dodecane	170	C12H26	000112-40-3	90
3			Dodecane	170	C12H26	000112-40-3	90
4			Dodecane	170	C12H26	000112-40-3	76
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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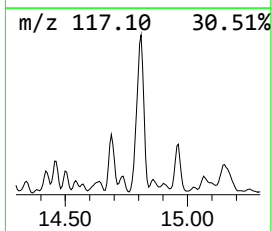
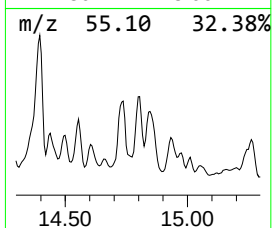
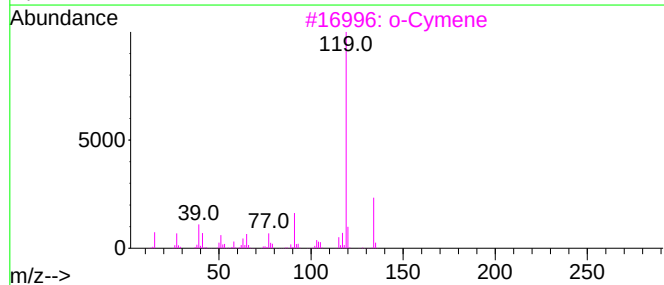
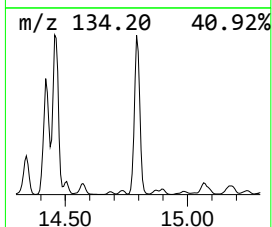
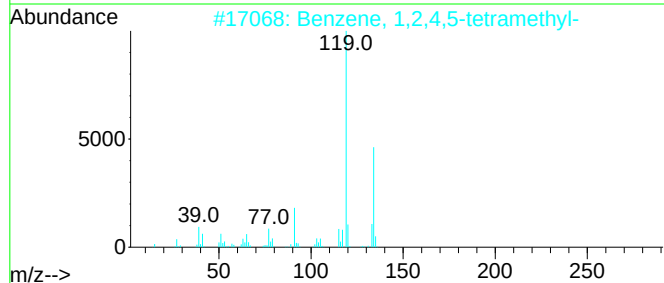
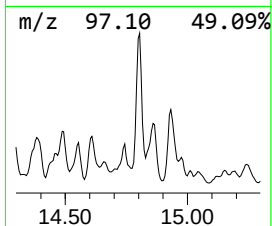
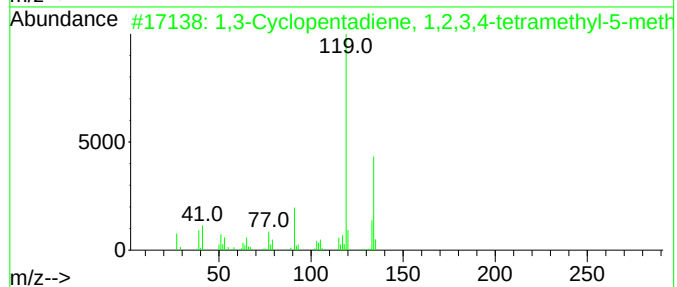
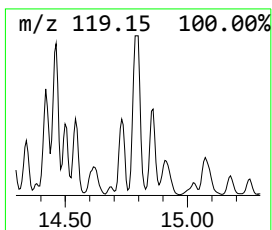
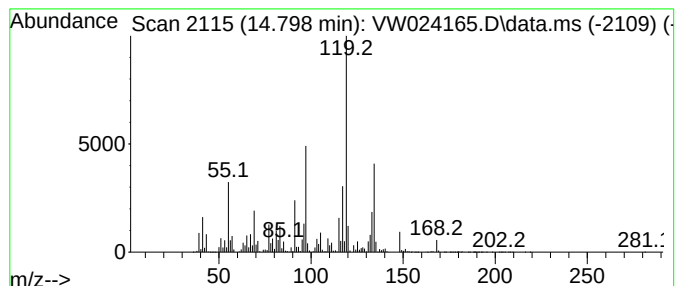
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Quant Title : SFAM01.0

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

Peak Number 54 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	477.57 ug/L	113694000	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3			o-Cymene	134	C10H14	000527-84-4	60
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

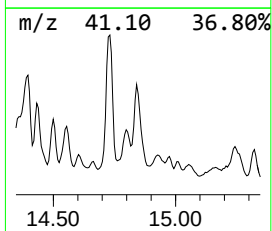
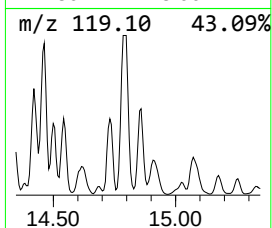
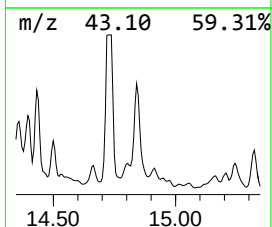
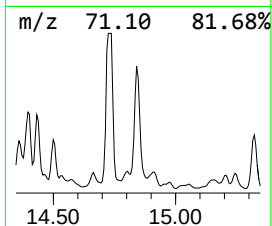
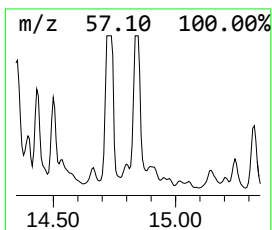
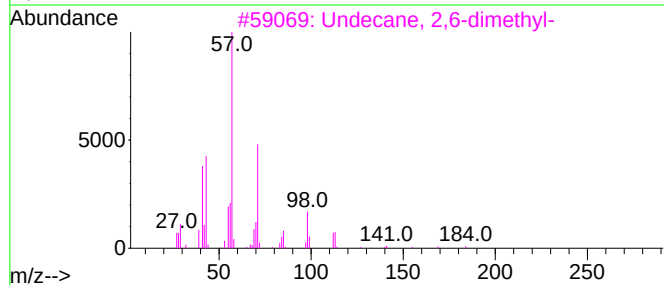
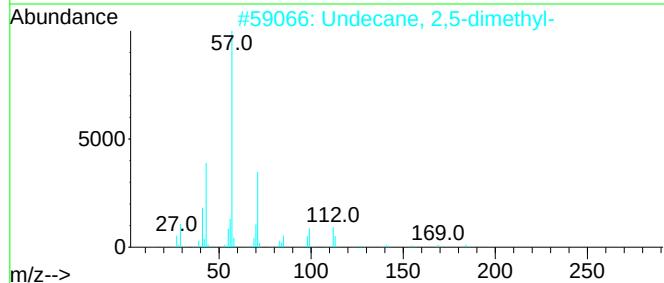
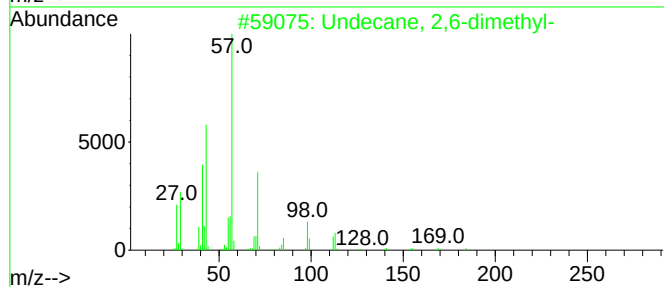
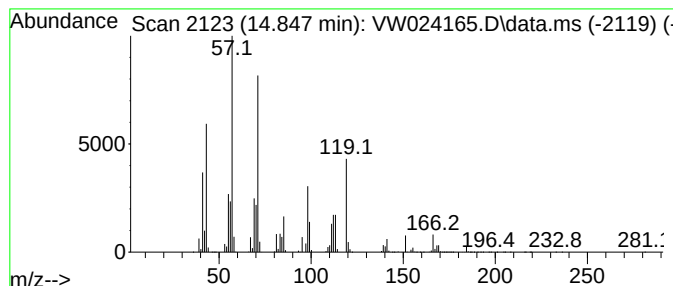
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Quant Title : SFAM01.0

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	470.67 ug/L	112052000	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
4			Octyl tetracosyl ether	467	C32H66O	1000406-39-0	53
5			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

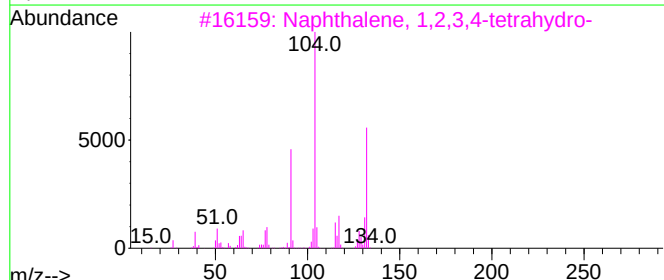
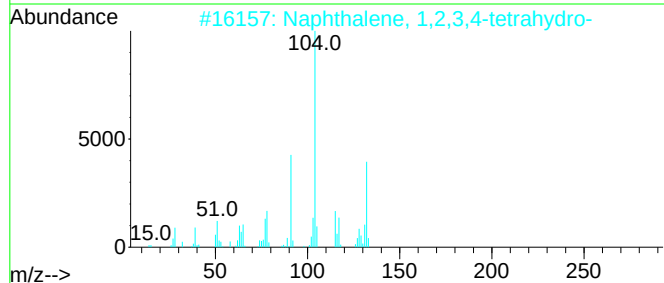
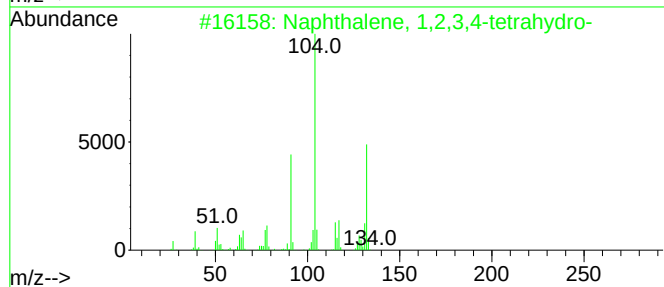
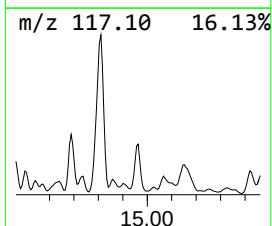
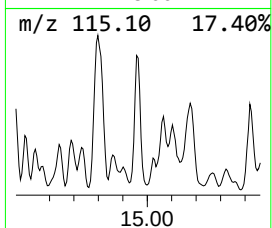
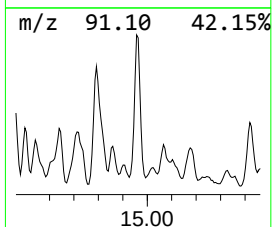
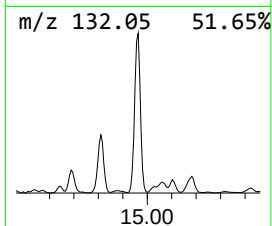
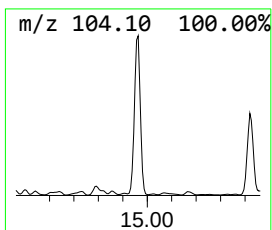
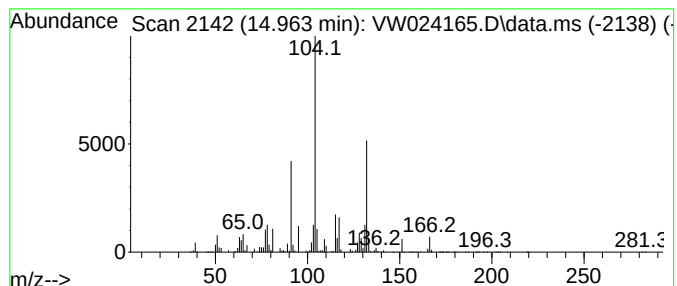
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Quant Title : SFAM01.0

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

Peak Number 56 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	213.21 ug/L	50758100	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

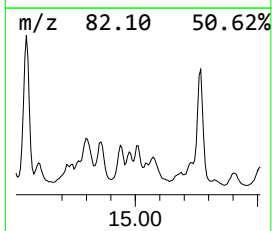
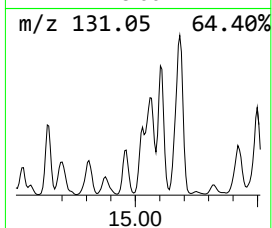
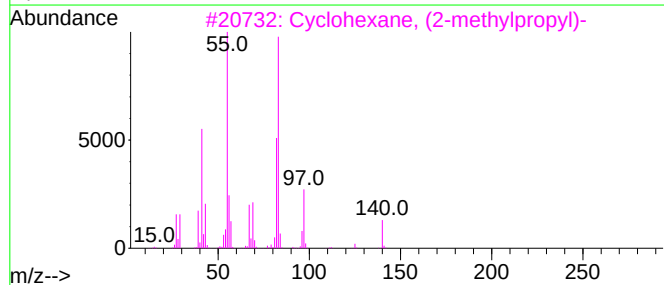
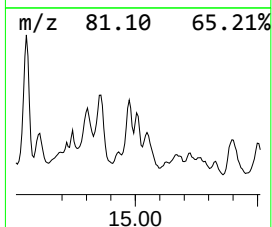
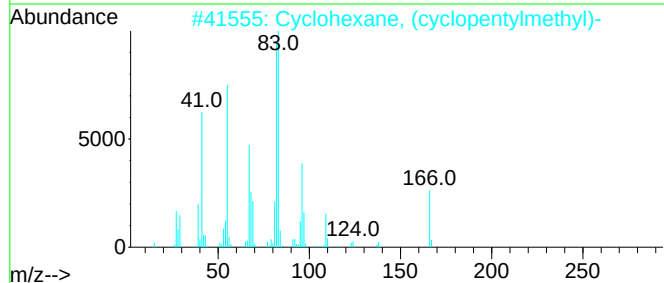
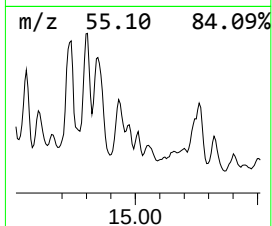
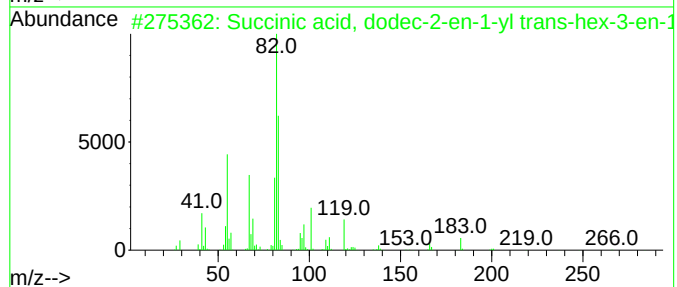
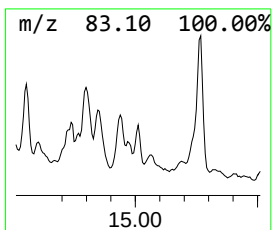
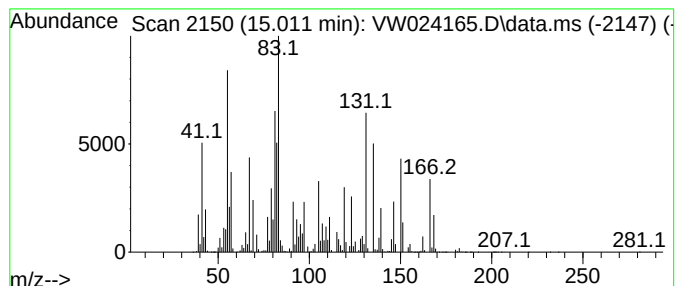
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Quant Title : SFAM01.0

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

Peak Number 57 unknown-03 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.011	36.99 ug/L	8805770	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, dodec-2-en-1-yl t...	366	C22H38O4	1000391-12-5	27
2			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	22
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	14
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	14
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

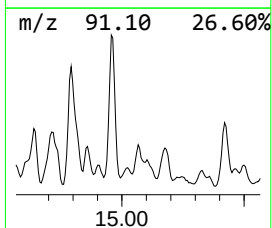
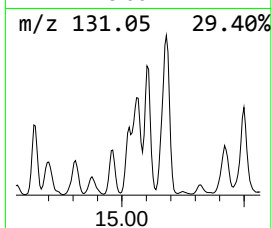
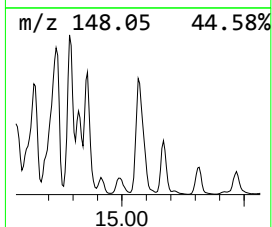
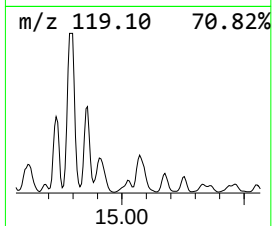
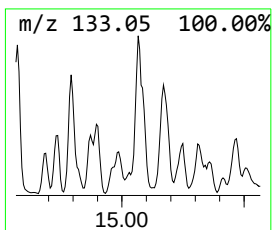
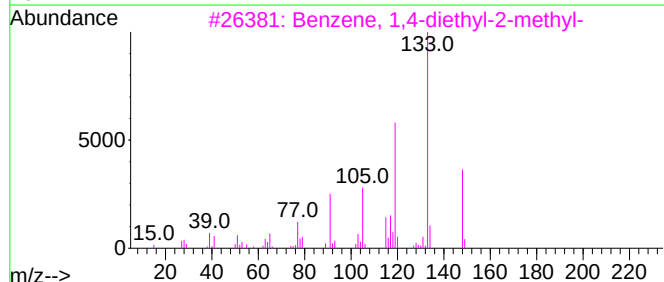
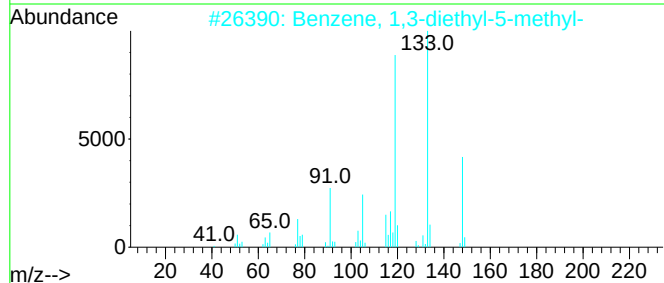
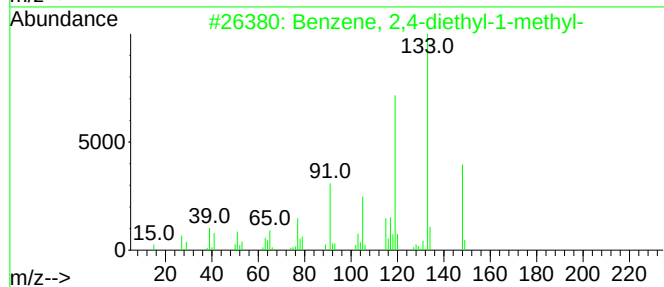
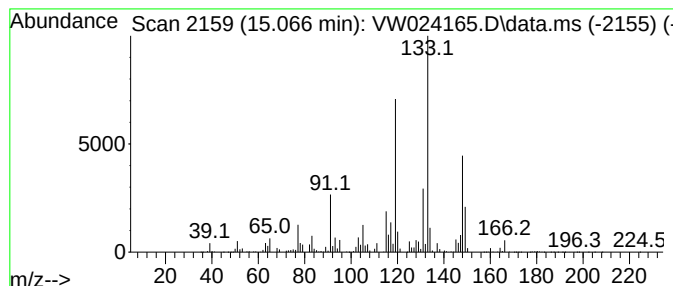
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Quant Title : SFAM01.0

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

Peak Number 58 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	69.26 ug/L	16489300	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
3			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

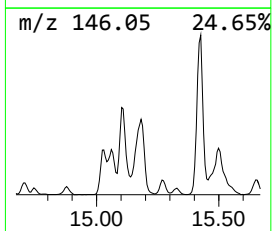
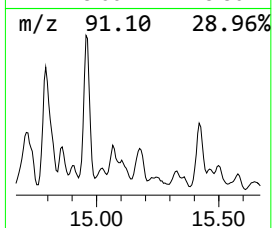
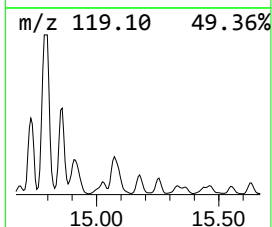
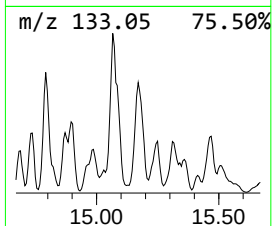
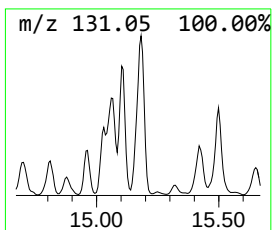
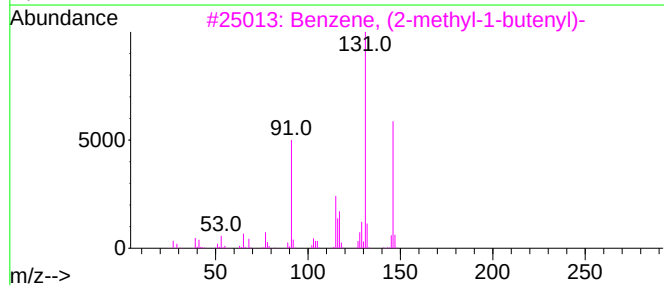
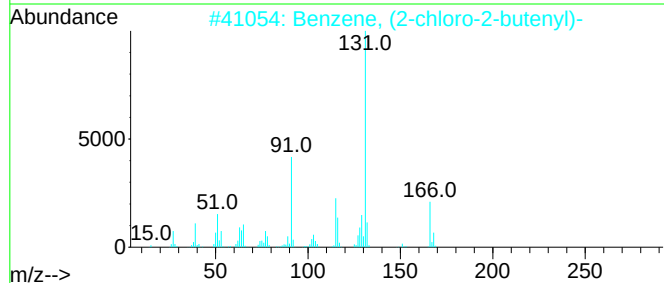
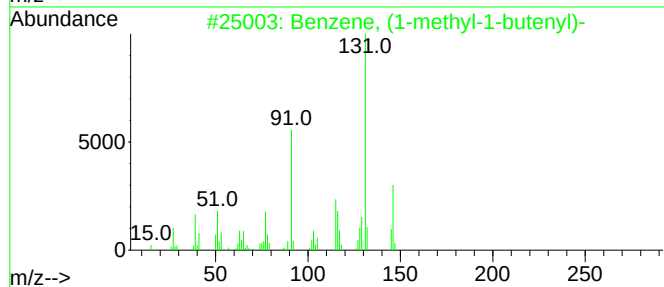
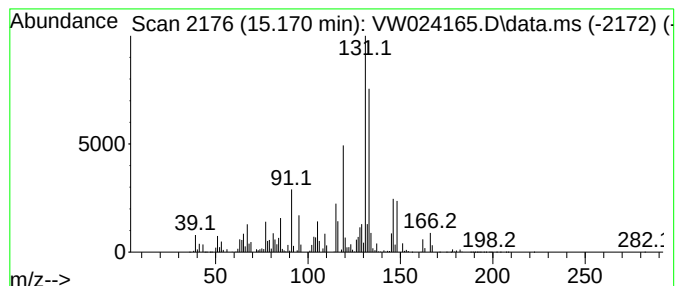
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Quant Title : SFAM01.0

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

Peak Number 59 Benzene, (1-methyl-1-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	107.69 ug/L	25637800	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	86
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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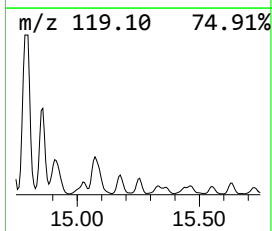
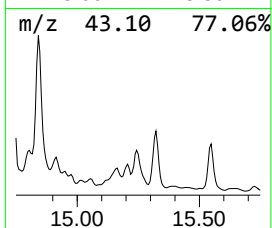
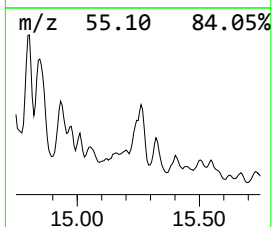
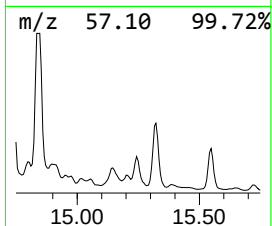
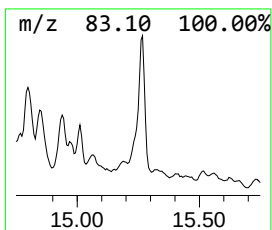
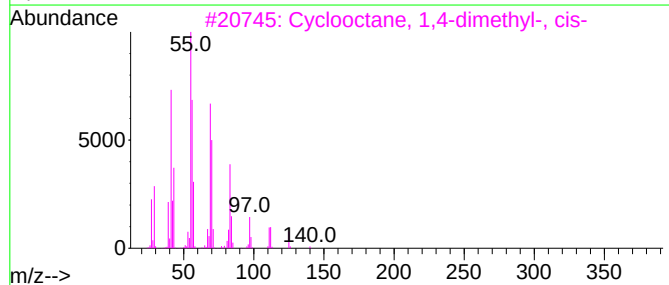
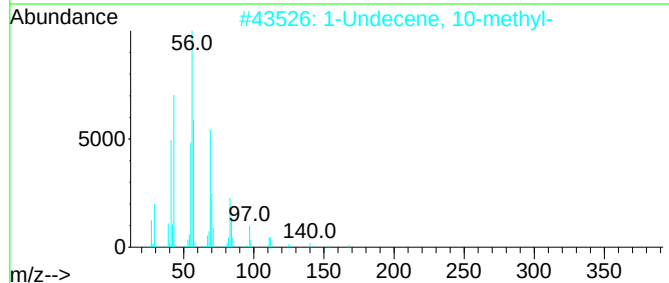
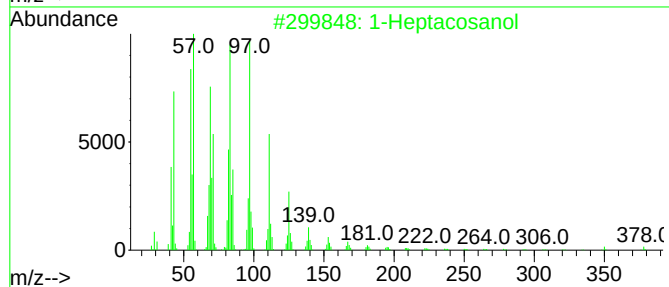
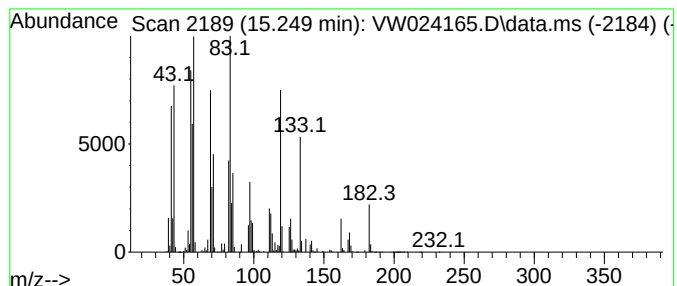
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Quant Title : SFAM01.0

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

Peak Number 60 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	208.10 ug/L	49541700	1,4-Dichlorobenzene-d4	13.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	46
2		1-Undecene, 10-methyl-	168	C12H24	022370-55-4	38
3		Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	38
4		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	38
5		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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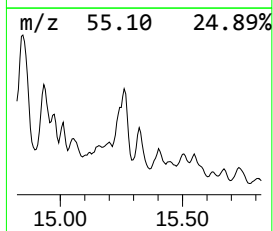
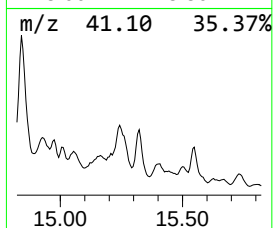
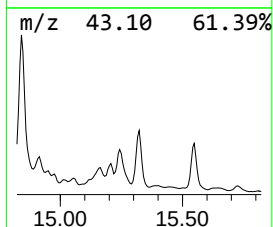
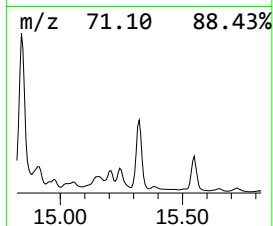
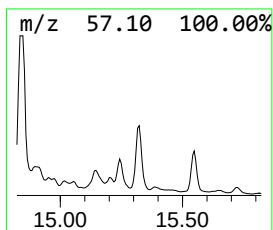
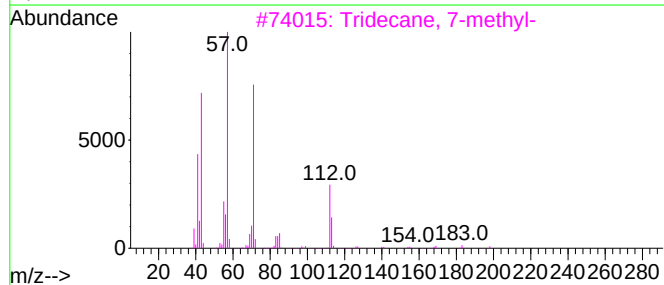
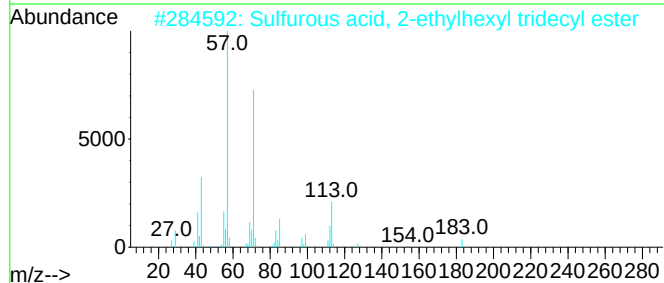
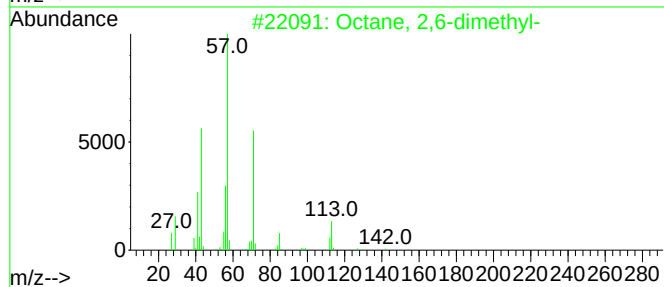
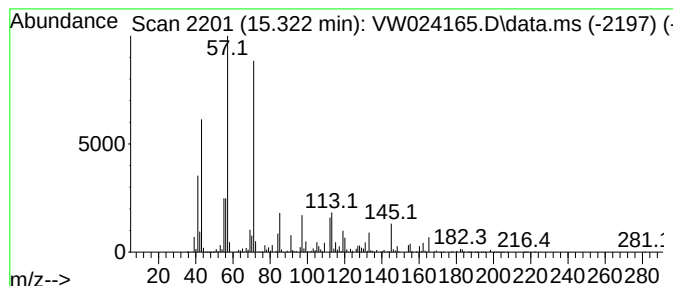
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	118.87 ug/L	28299500	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	58
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
4			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	53
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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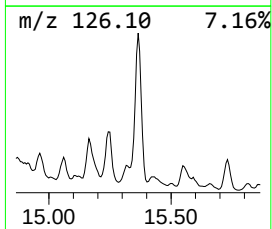
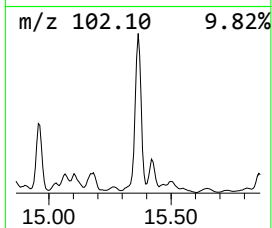
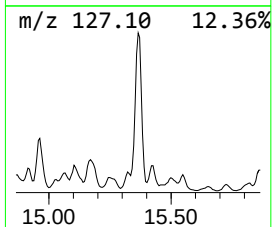
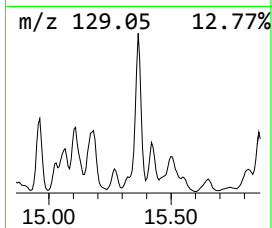
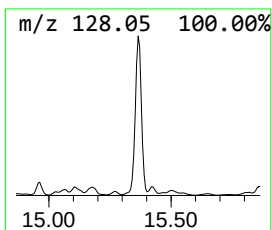
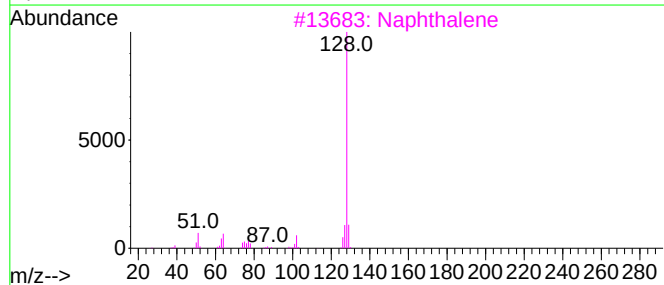
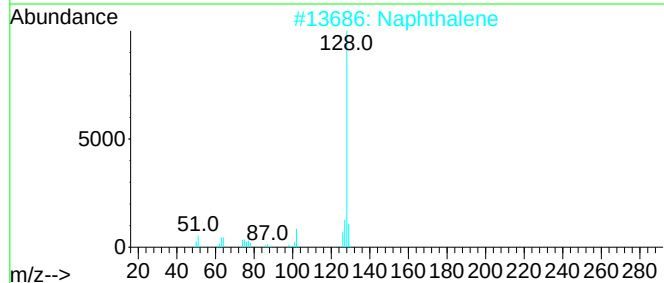
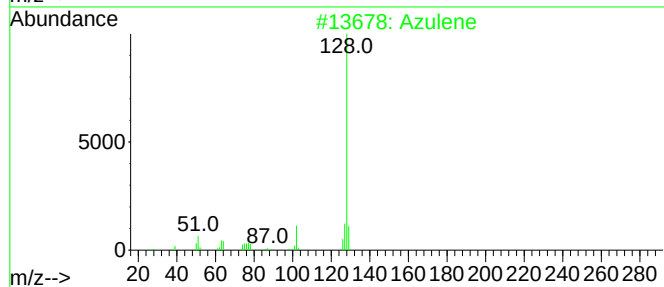
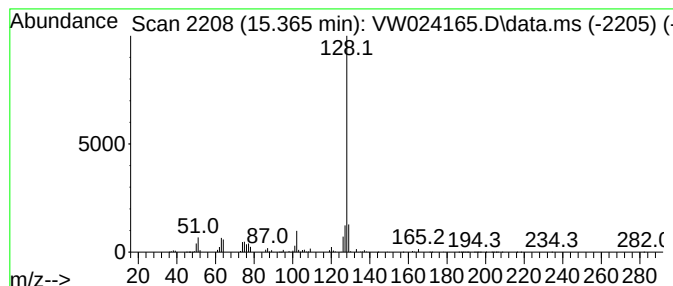
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Quant Title : SFAM01.0

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

Peak Number 62 Azulene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	53.46 ug/L	12728100	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Naphthalene	128	C10H8	000091-20-3	94
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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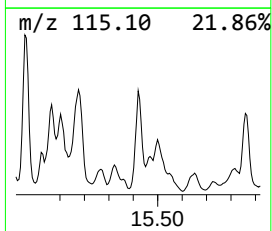
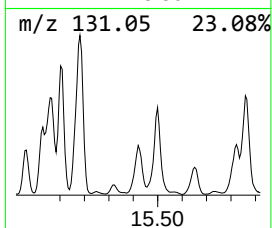
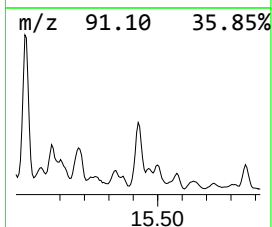
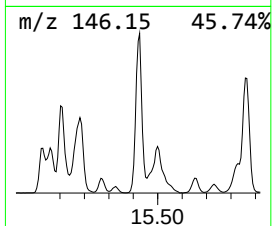
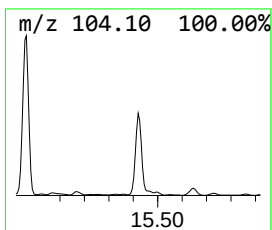
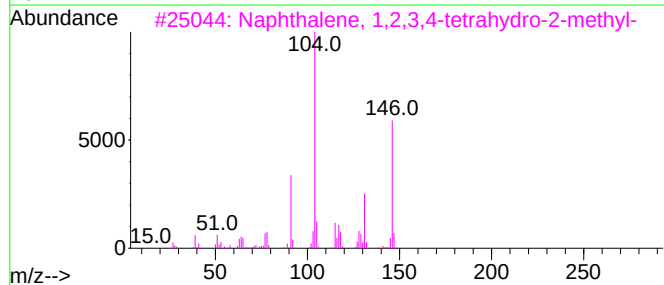
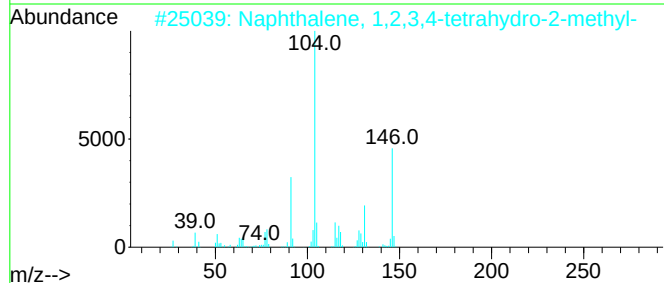
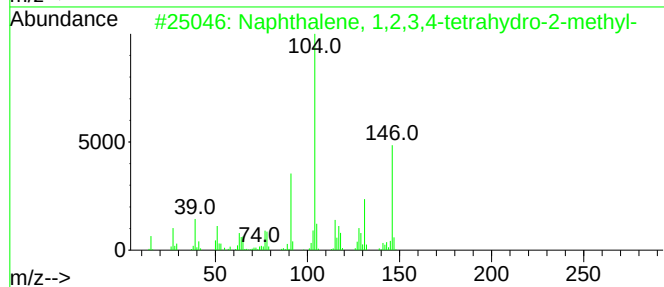
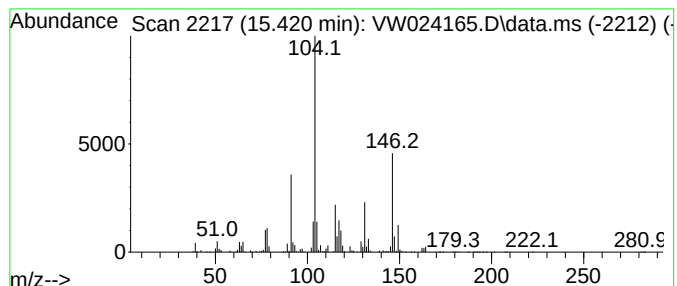
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Quant Title : SFAM01.0

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

Peak Number 63 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.420	87.03 ug/L	20718800	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

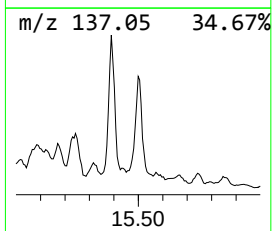
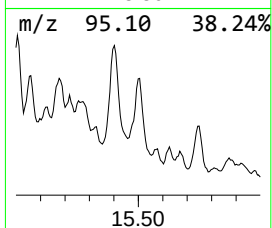
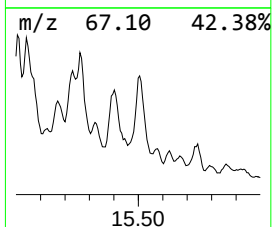
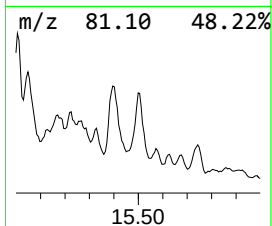
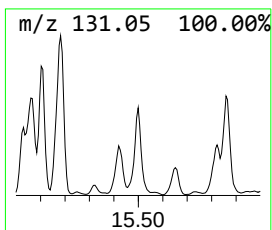
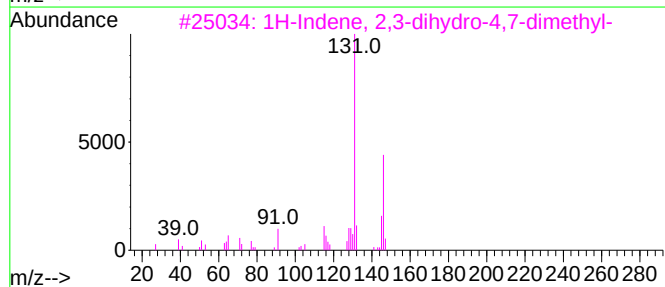
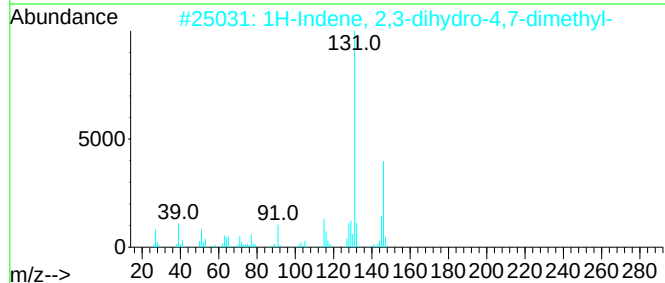
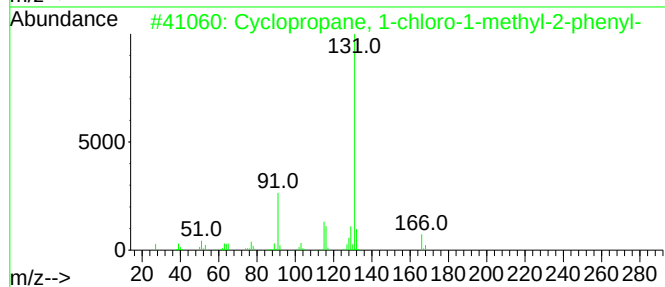
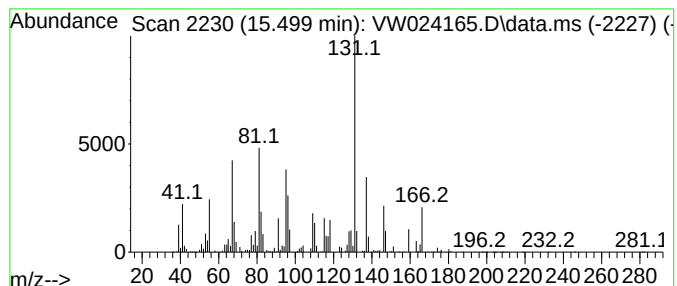
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Quant Title : SFAM01.0

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

Peak Number 64 unknown-05 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.499	67.87 ug/L	16157900	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	42
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	42
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

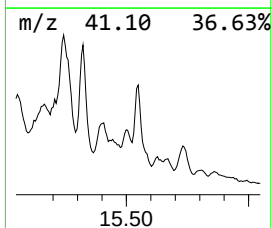
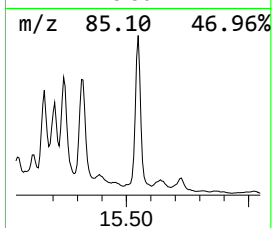
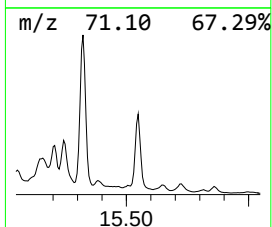
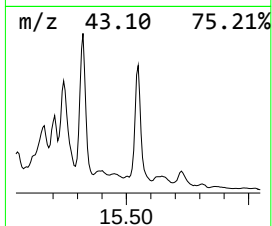
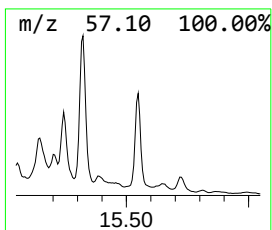
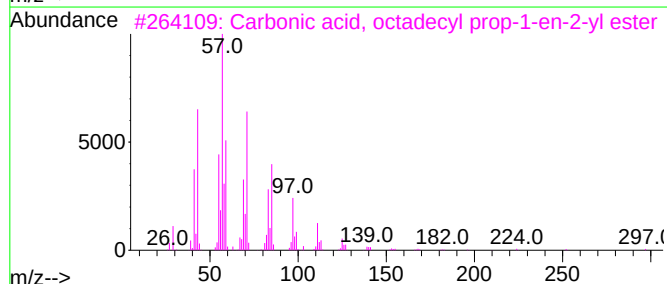
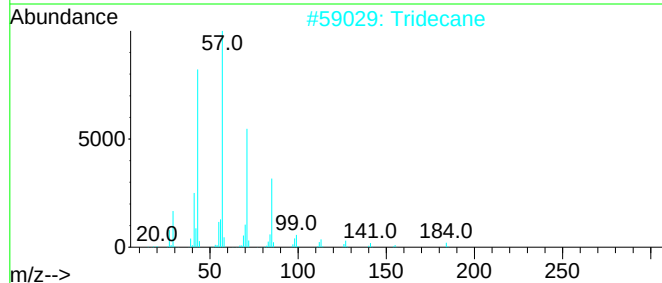
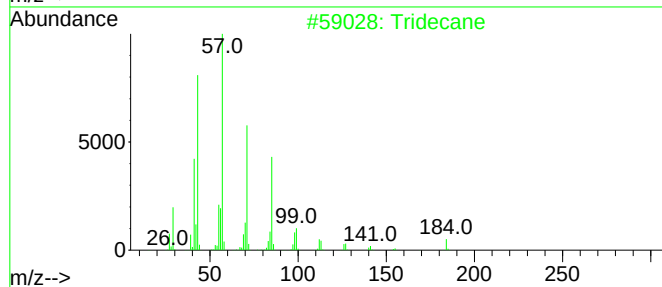
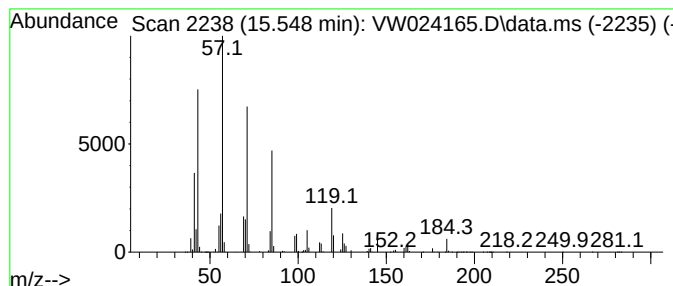
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Quant Title : SFAM01.0

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	125.59 ug/L	29899900	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	98
2			Tridecane	184	C13H28	000629-50-5	76
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	68
4			Dodecane	170	C12H26	000112-40-3	64
5			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

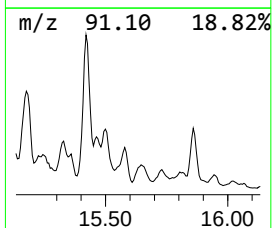
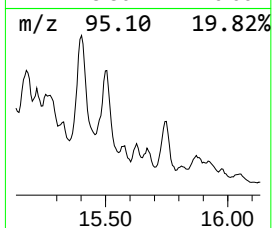
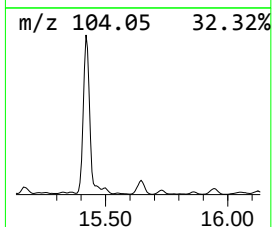
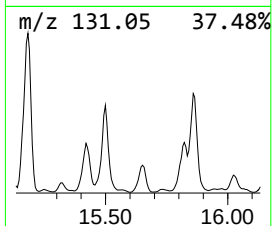
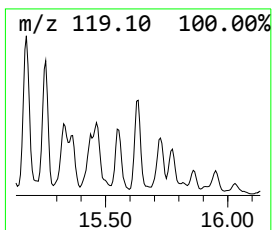
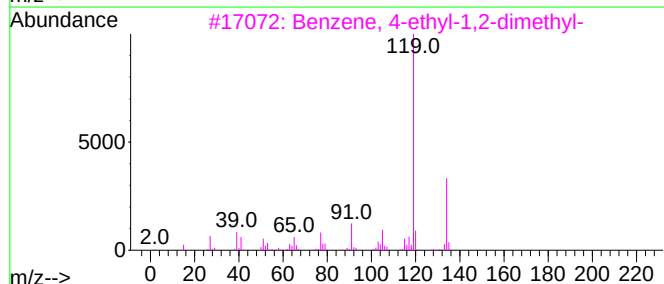
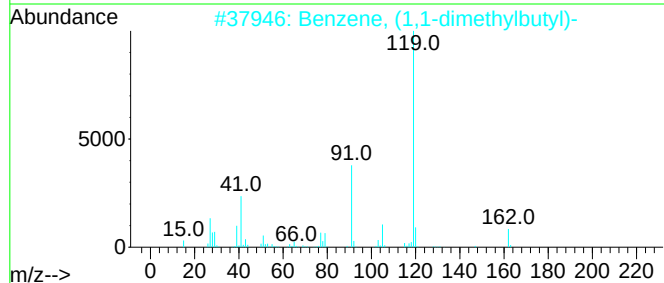
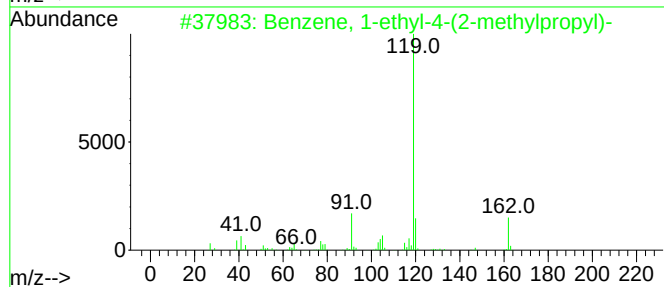
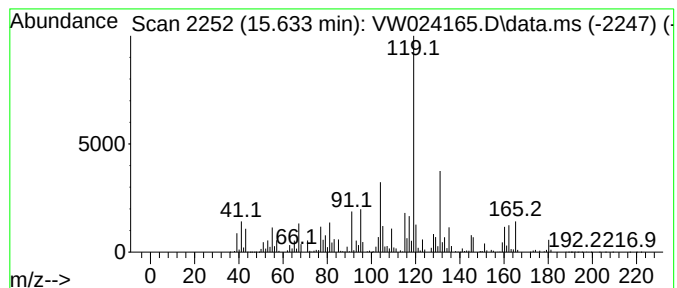
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Quant Title : SFAM01.0

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

Peak Number 66 unknown-06 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	22.38 ug/L	5327790	1,4-Dichlorobenzene-d4	13.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	43
2		Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	43
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

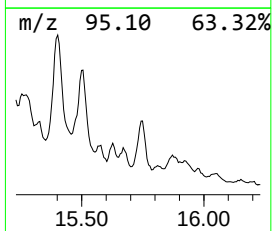
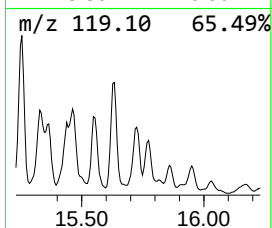
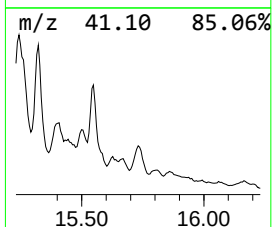
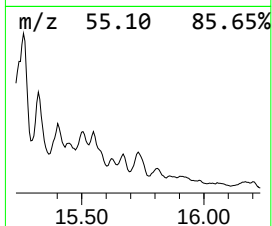
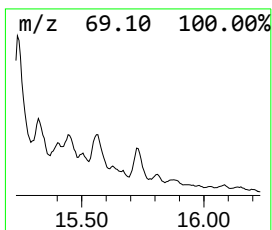
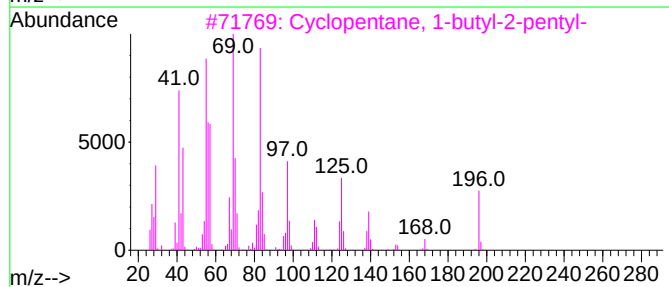
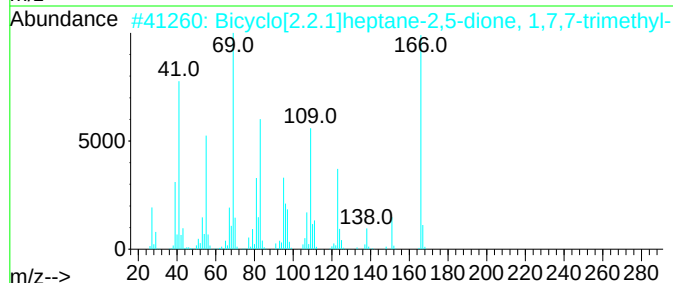
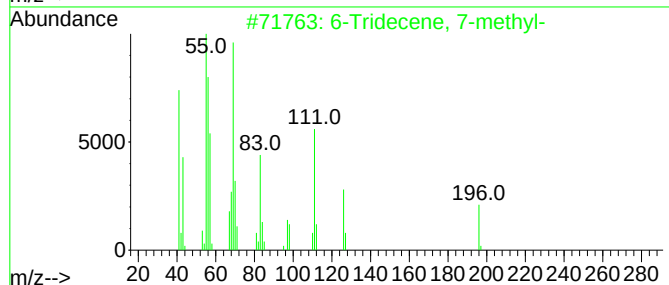
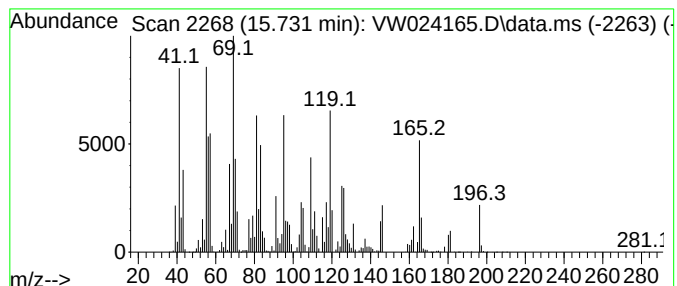
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Quant Title : SFAM01.0

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	53.71 ug/L	12787200	1,4-Dichlorobenzene-d4	13.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	38
2		Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	30
3		Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	25
4		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	22
5		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

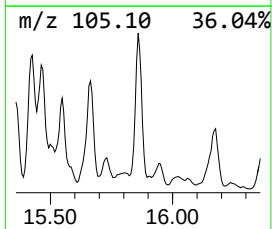
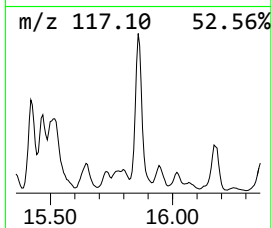
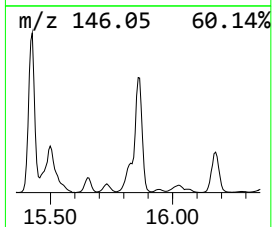
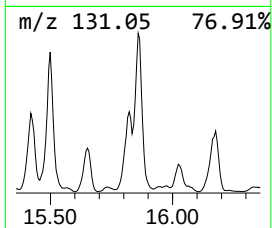
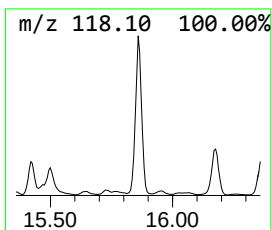
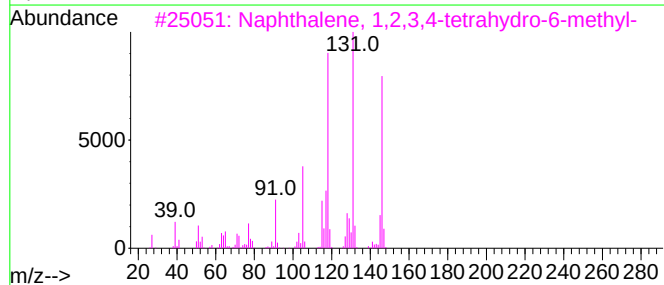
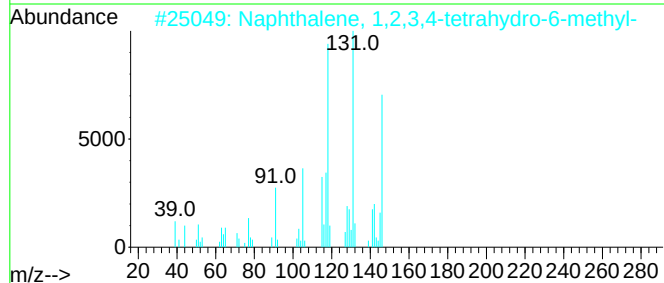
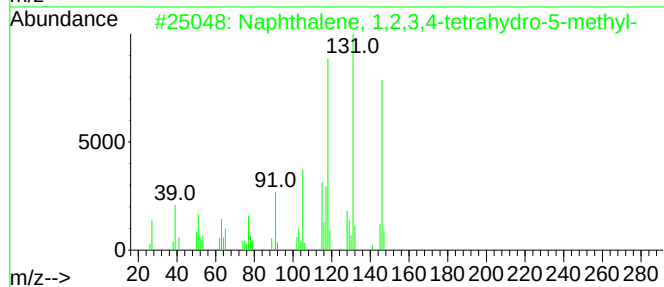
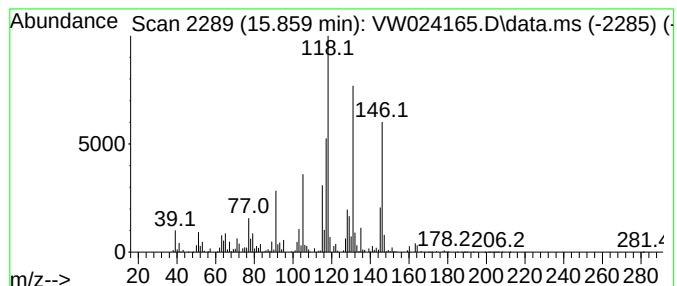
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Quant Title : SFAM01.0

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

Peak Number 68 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.859	85.62 ug/L	20382500	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

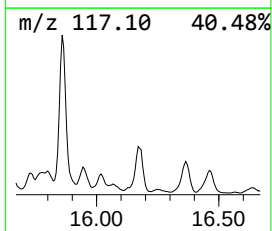
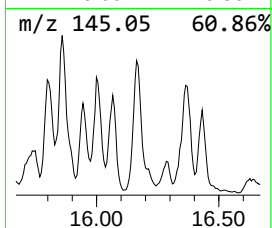
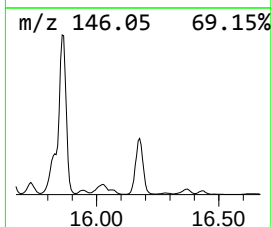
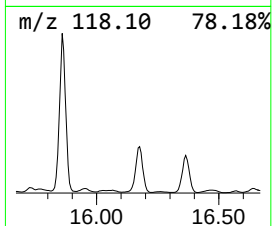
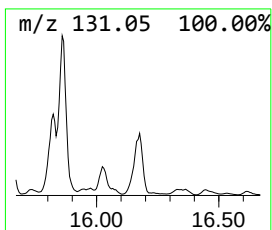
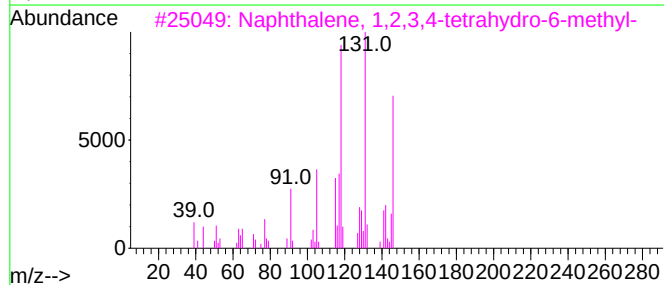
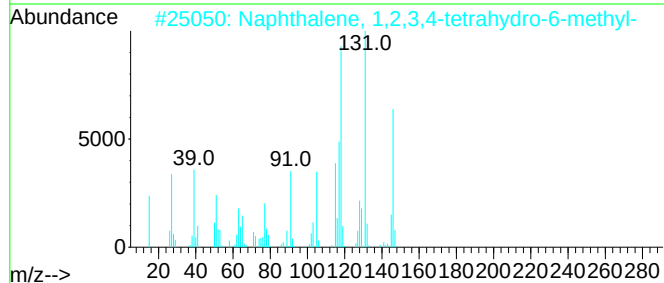
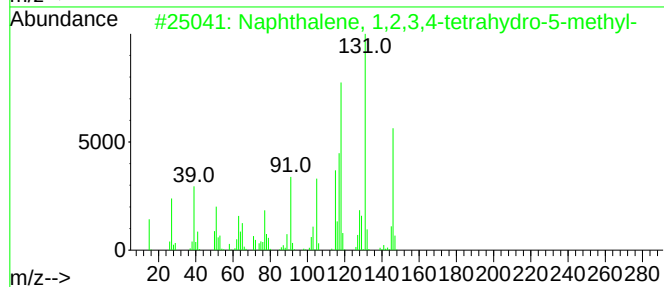
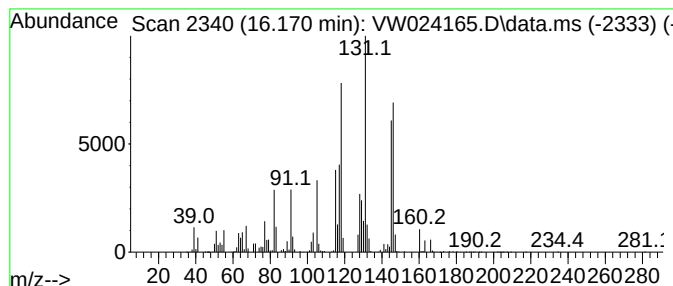
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Quant Title : SFAM01.0

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

Peak Number 69 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	58.59 ug/L	13948300	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

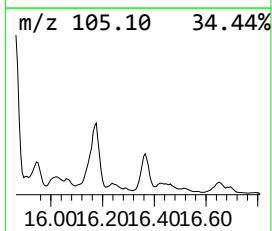
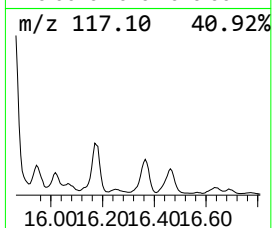
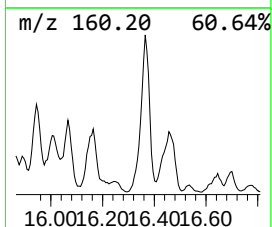
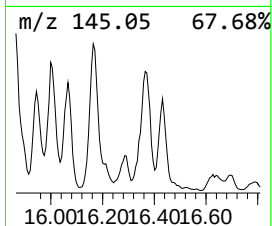
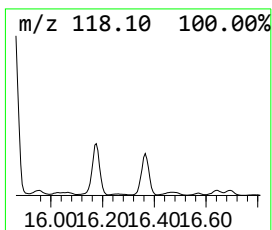
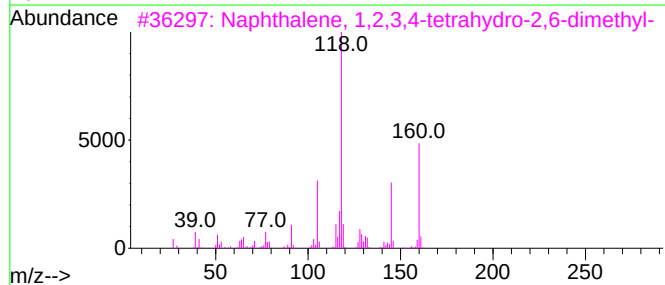
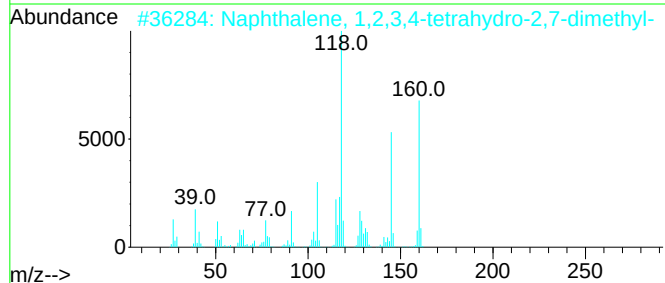
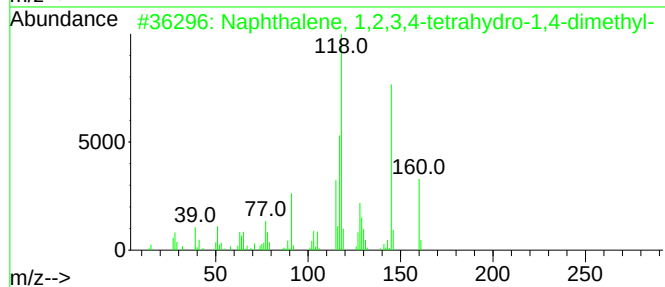
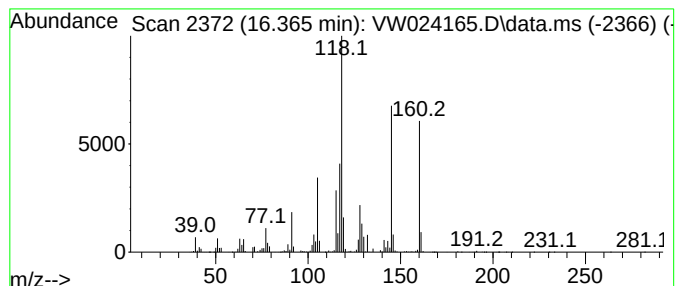
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Quant Title : SFAM01.0

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

Peak Number 70 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.365	17.56 ug/L	4181400	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

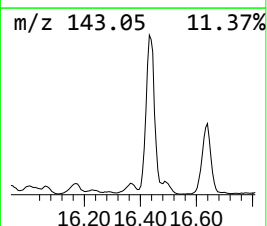
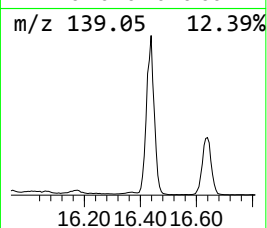
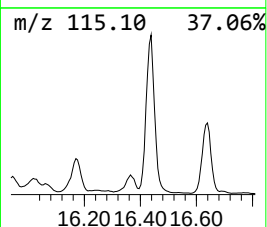
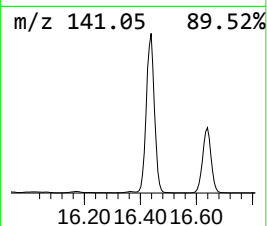
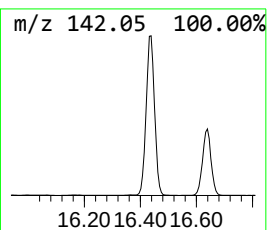
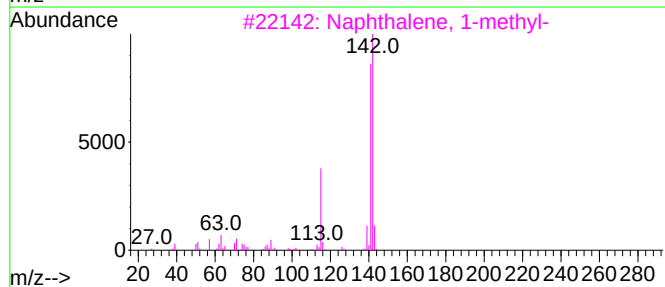
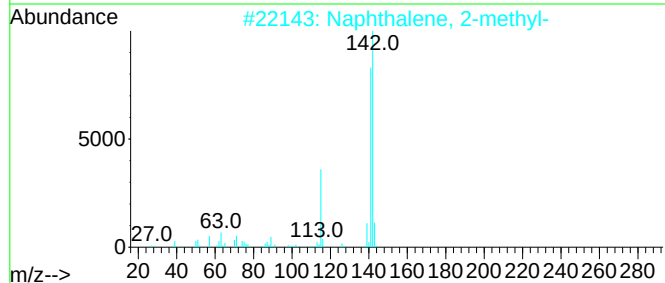
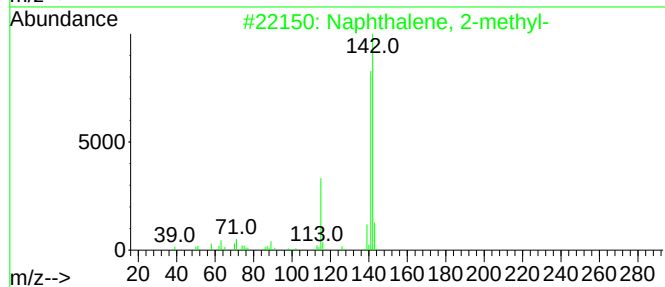
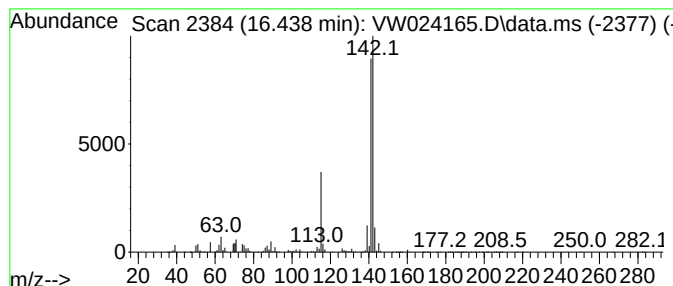
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Quant Title : SFAM01.0

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

Peak Number 71 Naphthalene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	106.30 ug/L	25306400	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
Operator : SY/VA
Sample : N4008-08
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

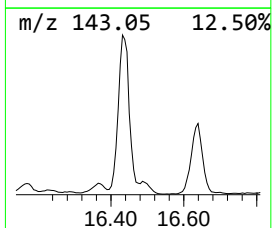
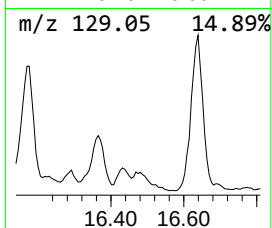
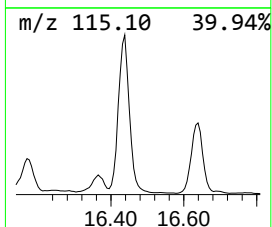
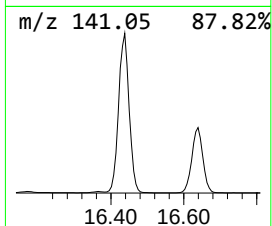
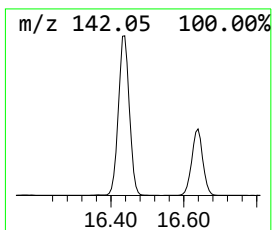
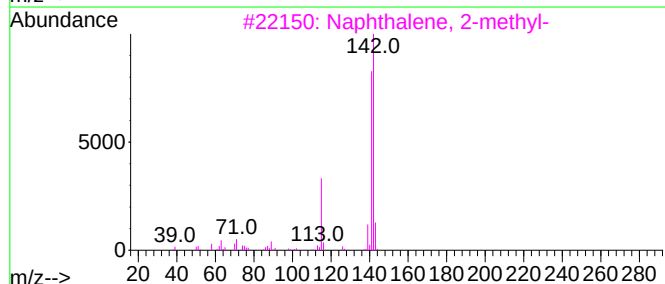
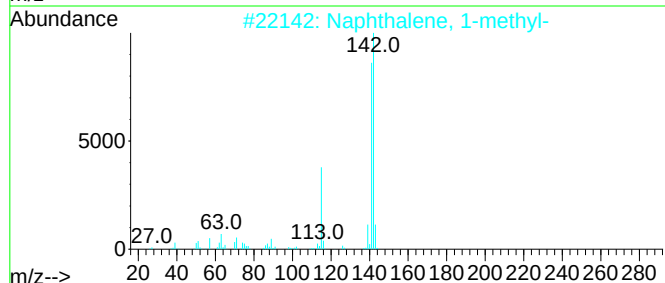
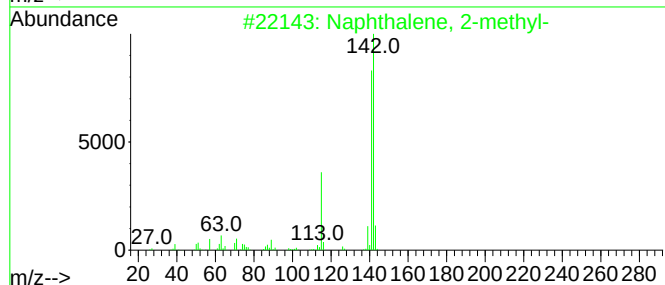
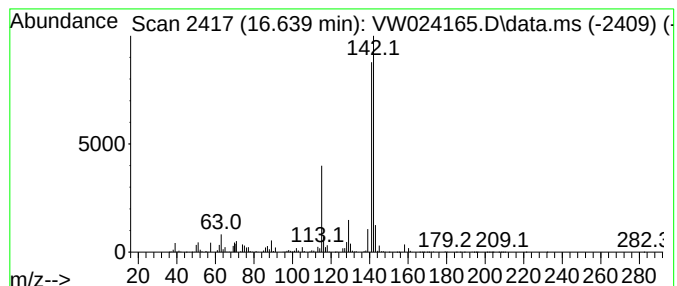
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Quant Title : SFAM01.0

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

Peak Number 72 Naphthalene, 1-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	43.96 ug/L	10466600	1,4-Dichlorobenzene-d4	13.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024165.D
 Acq On : 04 Aug 2022 17:04
 Operator : SY/VA
 Sample : N4008-08
 Misc : 5.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COZF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.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...	8.153	11.9	ug/L	1197290	1	8.842	2516510	25.0
(DEL) Alkane: C...	8.427	5.1	ug/L	517862	1	8.842	2516510	25.0
(DEL) Alkane: C...	8.573	5.7	ug/L	577732	1	8.842	2516510	25.0
(DEL) Alkane: S...	8.689	25.0	ug/L	2516510	1	8.842	2516510	25.0
(DEL) Alkane: C...	9.604	9.9	ug/L	997240	1	8.842	2516510	25.0
(DEL) Alkane: C...	9.750	8.4	ug/L	845653	1	8.842	2516510	25.0
(DEL) Alkane: S...	9.896	10.5	ug/L	1054330	1	8.842	2516510	25.0
(DEL) Alkane: S...	9.957	54.8	ug/L	5518470	1	8.842	2516510	25.0
(DEL) Alkane: S...	10.092	67.2	ug/L	6768070	1	8.842	2516510	25.0
(DEL) Alkane: S...	10.500	54.9	ug/L	9807720	2	11.628	4464870	25.0
(DEL) Alkane: C...	10.665	17.6	ug/L	3136860	2	11.628	4464870	25.0
(DEL) Alkane: C...	10.762	13.1	ug/L	2331030	2	11.628	4464870	25.0
(DEL) Alkane: S...	11.037	26.1	ug/L	4656660	2	11.628	4464870	25.0
(DEL) Alkane: C...	11.110	8.1	ug/L	1454090	2	11.628	4464870	25.0
(DEL) Alkane: C...	11.177	36.2	ug/L	6473030	2	11.628	4464870	25.0
(DEL) Alkane: C...	11.232	42.1	ug/L	7526410	2	11.628	4464870	25.0
(DEL) Alkane: C...	11.280	5.0	ug/L	902762	2	11.628	4464870	25.0
(DEL) Alkane: S...	11.335	26.8	ug/L	4792250	2	11.628	4464870	25.0
(DEL) Alkane: S...	11.408	114.3	ug/L	20410300	2	11.628	4464870	25.0
(DEL) Alkane: S...	11.512	62.6	ug/L	11177700	2	11.628	4464870	25.0
(DEL) Alkane: C...	11.914	30.7	ug/L	5475960	2	11.628	4464870	25.0
(DEL) Alkane: C...	11.975	5.7	ug/L	1023310	2	11.628	4464870	25.0
(DEL) Alkane: S...	12.061	22.6	ug/L	4039210	2	11.628	4464870	25.0
(DEL) Alkane: S...	12.250	83.7	ug/L	14949800	2	11.628	4464870	25.0
1H-Indene, octa...	12.341	82.9	ug/L	14808000	2	11.628	4464870	25.0
(DEL) Alkane: S...	12.542	58.8	ug/L	10505100	2	11.628	4464870	25.0
(DEL) Alkane: S...	12.567	65.7	ug/L	11726100	2	11.628	4464870	25.0
Oxalic acid, 2-...	12.622	10.7	ug/L	2541090	3	13.536	5951710	25.0
(DEL) Alkane: C...	12.780	74.8	ug/L	17805400	3	13.536	5951710	25.0
Benzene, 1-ethy...	12.865	152.1	ug/L	36212200	3	13.536	5951710	25.0
(DEL) Alkane: C...	13.042	4.5	ug/L	1080260	3	13.536	5951710	25.0
(DEL) Alkane: S...	13.085	69.0	ug/L	16433500	3	13.536	5951710	25.0
(DEL) Alkane: S...	13.170	212.7	ug/L	50627600	3	13.536	5951710	25.0
(DEL) Alkane: S...	13.347	51.8	ug/L	12331100	3	13.536	5951710	25.0
Benzene, (1-met...	13.378	35.1	ug/L	8362860	3	13.536	5951710	25.0
o-Cymene	13.445	257.0	ug/L	61176000	3	13.536	5951710	25.0
(DEL) Alkane: S...	13.628	125.3	ug/L	29836900	3	13.536	5951710	25.0
(DEL) Alkane: C...	13.701	85.1	ug/L	20250900	3	13.536	5951710	25.0
Benzene, 1-meth...	13.749	72.9	ug/L	17352500	3	13.536	5951710	25.0
Benzene, 2-ethy...	13.792	96.2	ug/L	22893300	3	13.536	5951710	25.0
(DEL) Alkane: C...	13.987	97.3	ug/L	23153500	3	13.536	5951710	25.0
Benzene, 1-meth...	14.042	181.7	ug/L	43247300	3	13.536	5951710	25.0
Benzene, 2-ethy...	14.097	174.5	ug/L	41539600	3	13.536	5951710	25.0
(DEL) Alkane: S...	14.140	157.3	ug/L	37453100	3	13.536	5951710	25.0
Benzene, 1,3-di...	14.201	237.2	ug/L	56461000	3	13.536	5951710	25.0
unknown-01	14.268	188.6	ug/L	44902800	3	13.536	5951710	25.0
(DEL) Alkane: S...	14.359	289.6	ug/L	68932200	3	13.536	5951710	25.0
(DEL) Alkane: C...	14.390	356.8	ug/L	84942900	3	13.536	5951710	25.0
(DEL) Alkane: S...	14.432	92.1	ug/L	21928600	3	13.536	5951710	25.0
(DEL) Alkane: S...	14.499	173.7	ug/L	41360400	3	13.536	5951710	25.0
Naphthalene, de...	14.554	296.4	ug/L	70565900	3	13.536	5951710	25.0
unknown-02	14.603	69.3	ug/L	16506500	3	13.536	5951710	25.0

(DEL) Alkane: S...	14.731	570.9	ug/L	135903000	3	13.536	5951710	25.0
1,3-Cyclopentad...	14.798	477.6	ug/L	113694000	3	13.536	5951710	25.0
(DEL) Alkane: S...	14.847	470.7	ug/L	112052000	3	13.536	5951710	25.0
Naphthalene, 1,...	14.963	213.2	ug/L	50758100	3	13.536	5951710	25.0
unknown-03	15.011	37.0	ug/L	8805770	3	13.536	5951710	25.0
Benzene, 2,4-di...	15.066	69.3	ug/L	16489300	3	13.536	5951710	25.0
Benzene, (1-met...	15.170	107.7	ug/L	25637800	3	13.536	5951710	25.0
unknown-04	15.249	208.1	ug/L	49541700	3	13.536	5951710	25.0
(DEL) Alkane: S...	15.322	118.9	ug/L	28299500	3	13.536	5951710	25.0
Azulene	15.365	53.5	ug/L	12728100	3	13.536	5951710	25.0
Naphthalene, 1,...	15.420	87.0	ug/L	20718800	3	13.536	5951710	25.0
unknown-05	15.499	67.9	ug/L	16157900	3	13.536	5951710	25.0
(DEL) Alkane: S...	15.548	125.6	ug/L	29899900	3	13.536	5951710	25.0
unknown-06	15.633	22.4	ug/L	5327790	3	13.536	5951710	25.0
(DEL) Alkane: S...	15.731	53.7	ug/L	12787200	3	13.536	5951710	25.0
Naphthalene, 1,...	15.859	85.6	ug/L	20382500	3	13.536	5951710	25.0
Naphthalene, 1,...	16.170	58.6	ug/L	13948300	3	13.536	5951710	25.0
Naphthalene, 1,...	16.365	17.6	ug/L	4181400	3	13.536	5951710	25.0
Naphthalene, 2-...	16.438	106.3	ug/L	25306400	3	13.536	5951710	25.0
Naphthalene, 1-...	16.639	44.0	ug/L	10466600	3	13.536	5951710	25.0

Instrument :

MSVOA_W

ClientSampleId :

C0ZF2