

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021848.D
 Acq On : 11 Jan 2022 21:44
 Operator : SY/VA
 Sample : N1084-08
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M

Title : SFAM01.0

Signal : TIC: VW021848.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	62	74	85	rBV3	128909	301254	0.32%	0.021%
2	3.026	175	184	206	rBV	577379	1359333	1.45%	0.094%
3	3.391	235	244	259	rVB	490968	1259792	1.34%	0.087%
4	4.147	354	368	391	rVB4	54530	352964	0.38%	0.024%
5	4.385	393	407	446	rBV	8858989	25357502	27.01%	1.756%
6	4.964	480	502	539	rVV2	778290	3597178	3.83%	0.249%
7	5.440	563	580	604	rBV	687390	2474610	2.64%	0.171%
8	5.946	649	663	681	rBV	1581497	4826879	5.14%	0.334%
9	6.885	805	817	824	rBV4	96481	337770	0.36%	0.023%
10	6.988	824	834	853	rVB	901706	2730650	2.91%	0.189%
11	7.171	854	864	894	rVB	1292414	3495197	3.72%	0.242%
12	7.927	978	988	1000	rBV3	849534	2814404	3.00%	0.195%
13	8.037	1000	1006	1017	rVB	303893	797066	0.85%	0.055%
14	8.165	1017	1027	1041	rBV	1472000	3781231	4.03%	0.262%
15	8.324	1041	1053	1055	rBV3	31169810	52603319	56.02%	3.642%
16	8.433	1065	1071	1075	rBV3	256187	600555	0.64%	0.042%
17	8.488	1076	1080	1089	rVB3	294034	874448	0.93%	0.061%
18	8.580	1089	1095	1105	rVB2	247751	590765	0.63%	0.041%
19	8.701	1105	1115	1126	rBV	3232391	6263586	6.67%	0.434%
20	8.842	1130	1138	1144	rBV2	136741	313633	0.33%	0.022%
21	9.092	1166	1179	1188	rBV	3082213	6656161	7.09%	0.461%
22	9.336	1203	1219	1226	rBV	1568368	3972722	4.23%	0.275%
23	9.762	1281	1289	1299	rVB2	244824	554976	0.59%	0.038%
24	9.902	1305	1312	1317	rBV	257302	525143	0.56%	0.036%
25	9.963	1317	1322	1337	rVB2	353869	937838	1.00%	0.065%
26	10.098	1337	1344	1356	rVB	328968	835639	0.89%	0.058%
27	10.226	1356	1365	1376	rBV	2214888	4944770	5.27%	0.342%
28	10.335	1376	1383	1385	rBV2	327481	661177	0.70%	0.046%
29	10.390	1385	1392	1394	rBV2	32869475	54867135	58.44%	3.799%
30	10.506	1405	1411	1418	rVB2	932874	1694129	1.80%	0.117%
31	10.573	1418	1422	1428	rBV	334030	572443	0.61%	0.040%
32	10.671	1433	1438	1446	rVB	221276	452650	0.48%	0.031%
33	10.768	1446	1454	1463	rBV4	173972	527173	0.56%	0.036%
34	10.866	1463	1470	1476	rVB3	462340	921274	0.98%	0.064%
35	10.939	1476	1482	1490	rBV2	403245	821443	0.87%	0.057%
36	11.073	1493	1504	1508	rBV3	561650	1519558	1.62%	0.105%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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

37	11.183	1517	1522	1526	rBV	441782	737528	0.79%	0.051%
38	11.238	1526	1531	1537	rVB	660963	1238586	1.32%	0.086%
39	11.347	1544	1549	1554	rBV2	464672	1011604	1.08%	0.070%
40	11.427	1554	1562	1572	rVB5	1568874	4926404	5.25%	0.341%
41	11.536	1572	1580	1591	rVB	1080560	3010453	3.21%	0.208%
42	11.658	1591	1600	1605	rBV2	170990	606547	0.65%	0.042%
43	11.731	1605	1612	1615	rBV3	35819318	71942354	76.62%	4.981%
44	11.835	1624	1629	1630	rBV2	37604946	42998994	45.80%	2.977%
45	11.945	1645	1647	1651	rVB	1504898	1969419	2.10%	0.136%
46	12.073	1662	1668	1673	rBV2	2219416	3864261	4.12%	0.268%
47	12.170	1673	1684	1686	rBV6	38338253	71405767	76.05%	4.944%
48	12.262	1693	1699	1704	rVB	9622586	15309220	16.31%	1.060%
49	12.378	1704	1718	1728	rBV5	7898021	34649292	36.90%	2.399%
50	12.469	1728	1733	1736	rBV	4424995	7720587	8.22%	0.535%
51	12.518	1736	1741	1742	rBV2	3905802	5756841	6.13%	0.399%
52	12.554	1743	1747	1748	rVV2	6121325	8019995	8.54%	0.555%
53	12.579	1749	1751	1757	rVB	15160818	19680021	20.96%	1.363%
54	12.664	1760	1765	1769	rVB	11150963	15482884	16.49%	1.072%
55	12.713	1769	1773	1777	rVB4	1404509	1968785	2.10%	0.136%
56	12.804	1777	1788	1793	rVB2	12234547	29323110	31.23%	2.030%
57	12.871	1793	1799	1803	rBV2	35385978	70998795	75.62%	4.916%
58	13.000	1818	1820	1826	rVB2	7121680	10246741	10.91%	0.709%
59	13.054	1826	1829	1830	rBV2	779969	831541	0.89%	0.058%
60	13.109	1830	1838	1842	rBV	22344135	53486710	56.97%	3.703%
61	13.176	1845	1849	1857	rVB2	24220930	45035185	47.96%	3.118%
62	13.268	1857	1864	1868	rBV3	30390142	78936208	84.07%	5.465%
63	13.304	1868	1870	1875	rVB	10301567	12790629	13.62%	0.886%
64	13.359	1875	1879	1882	rBV2	8960472	14772855	15.73%	1.023%
65	13.390	1882	1884	1886	rBV	2181110	2098554	2.24%	0.145%
66	13.426	1886	1890	1891	rBV	11094010	14317492	15.25%	0.991%
67	13.457	1891	1895	1898	rBV4	11955834	20173588	21.49%	1.397%
68	13.530	1905	1907	1910	rVB	8747767	8074529	8.60%	0.559%
69	13.566	1910	1913	1914	rBV	13459207	15509459	16.52%	1.074%
70	13.597	1914	1918	1922	rVV	18834415	36574639	38.95%	2.532%
71	13.725	1931	1939	1940	rBV6	5942700	11951441	12.73%	0.827%
72	13.762	1940	1945	1949	rVV2	34870434	71408319	76.05%	4.944%
73	13.798	1949	1951	1960	rVV3	23704707	43701154	46.54%	3.026%
74	13.890	1960	1966	1970	rVV3	34477159	80609009	85.85%	5.581%
75	13.951	1970	1976	1981	rVV2	37681580	93892624	100.00%	6.501%
76	14.018	1983	1987	1989	rVV2	13981330	24289259	25.87%	1.682%

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Peak separation: 5

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

77	14.042	1989	1991	1996	rVV	15525538	26394766	28.11%	1.827%
78	14.103	1996	2001	2009	rVV	17005545	31406161	33.45%	2.174%
79	14.207	2012	2018	2023	rVV2	12183749	19536057	20.81%	1.353%
80	14.268	2023	2028	2035	rVV7	2834279	6753717	7.19%	0.468%
81	14.341	2035	2040	2044	rVV2	5832893	9201596	9.80%	0.637%
82	14.389	2044	2048	2051	rVV2	9069299	14605847	15.56%	1.011%
83	14.420	2051	2053	2056	rVV2	8684938	10876696	11.58%	0.753%
84	14.457	2056	2059	2062	rVV	6777371	9642148	10.27%	0.668%
85	14.493	2062	2065	2070	rVV2	6352630	9870031	10.51%	0.683%
86	14.548	2070	2074	2080	rVB4	2519457	5411521	5.76%	0.375%
87	14.603	2080	2083	2085	rBV2	473343	663383	0.71%	0.046%
88	14.633	2086	2088	2093	rVB	1135152	1586150	1.69%	0.110%
89	14.688	2093	2097	2099	rBV2	1347578	2190534	2.33%	0.152%
90	14.719	2099	2102	2108	rVB2	3119260	4724235	5.03%	0.327%
91	14.792	2108	2114	2121	rBV3	3830956	9227510	9.83%	0.639%
92	14.956	2136	2141	2146	rVV	1496861	2339828	2.49%	0.162%
93	15.005	2146	2149	2153	rVV2	303535	479946	0.51%	0.033%
94	15.060	2154	2158	2171	rVV5	483063	1307149	1.39%	0.091%
95	15.164	2171	2175	2182	rVB6	312105	674192	0.72%	0.047%
96	15.365	2196	2208	2218	rBV	16421729	27718554	29.52%	1.919%
97	15.462	2218	2224	2233	rVV	545632	1073510	1.14%	0.074%
98	15.542	2233	2237	2246	rVB	217341	399232	0.43%	0.028%
99	16.432	2375	2383	2397	rVV	651634	1395642	1.49%	0.097%
100	16.633	2409	2416	2429	rVB	149272	342323	0.36%	0.024%

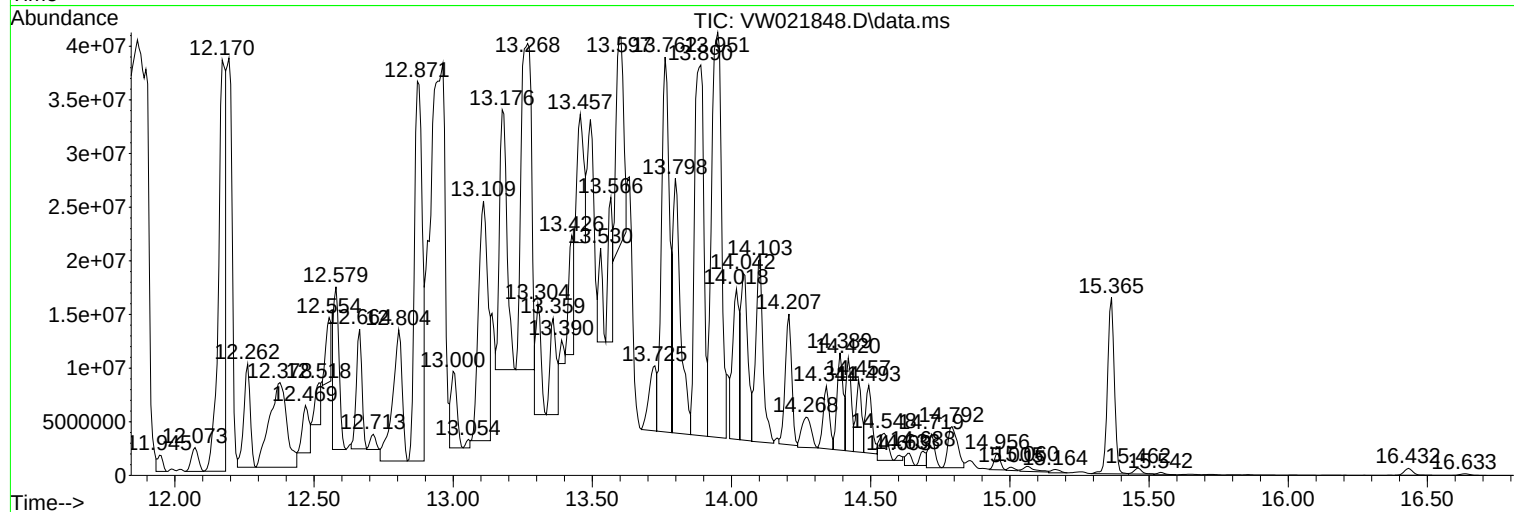
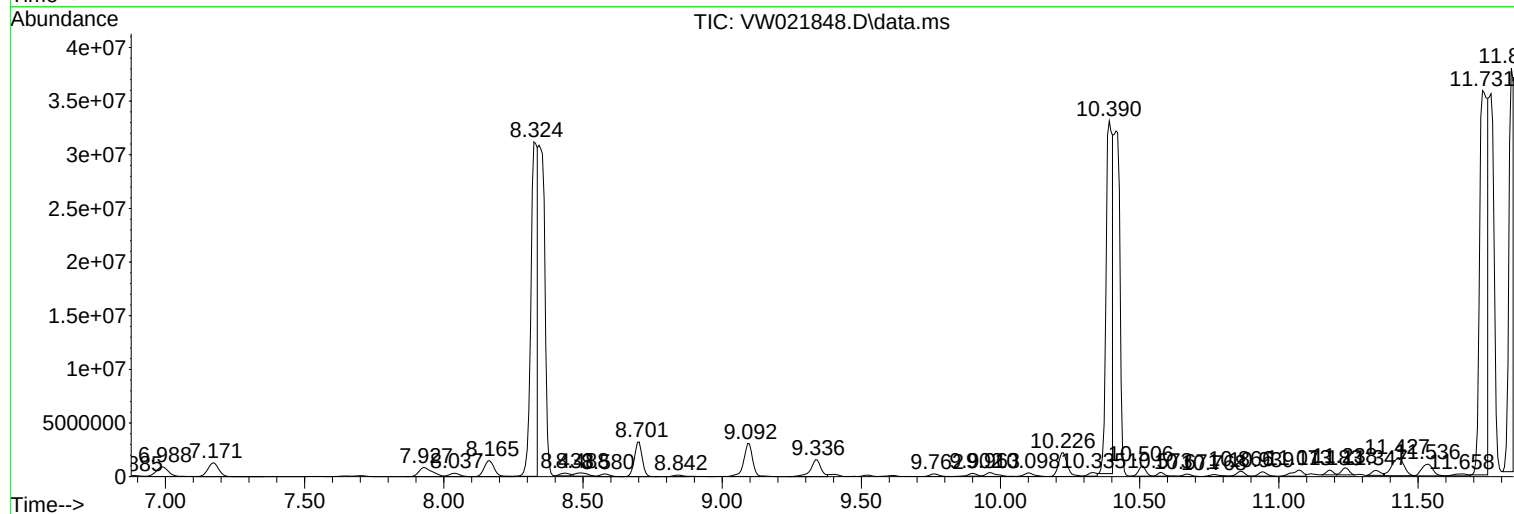
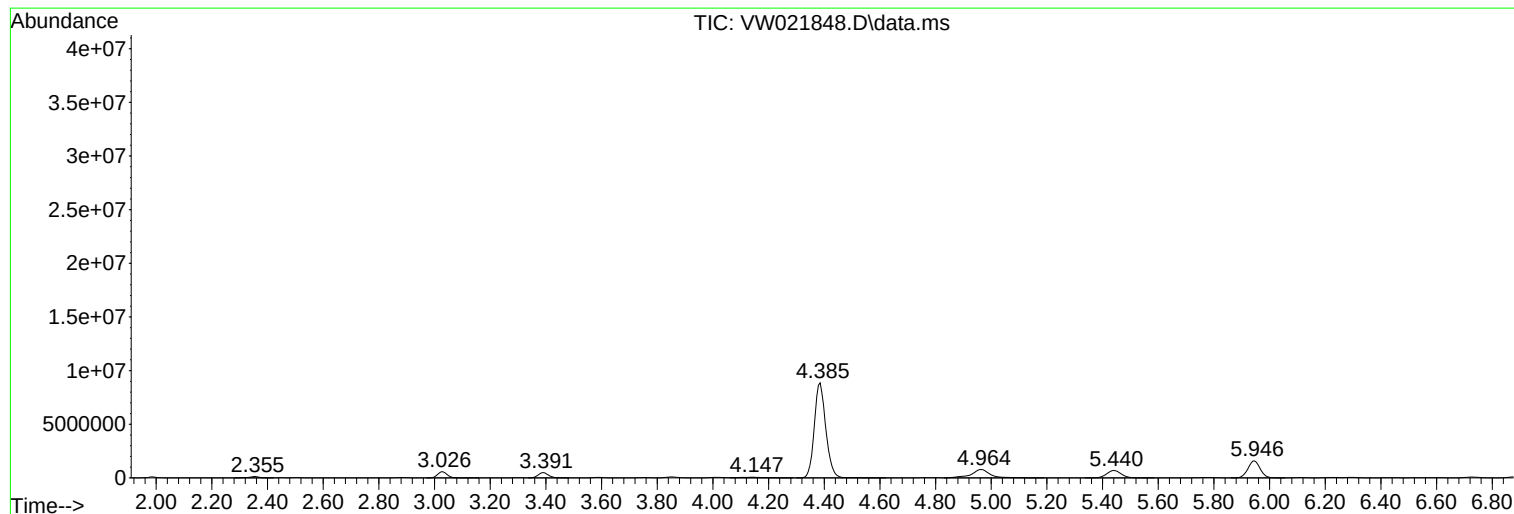
Sum of corrected areas: 1444338478

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Instrument :
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ClientSampleId :
BGLN1

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
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Instrument :
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BGLN1

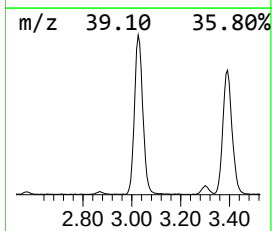
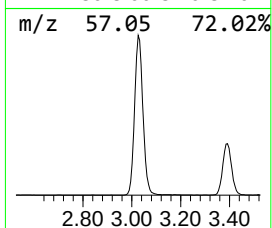
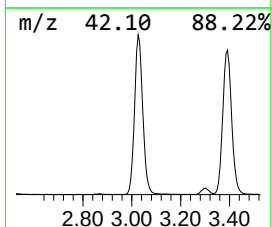
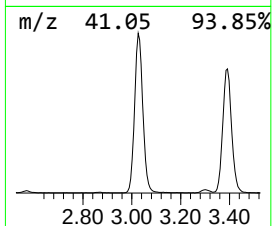
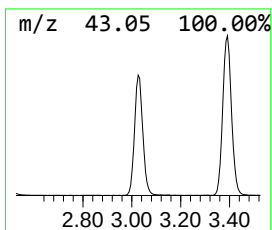
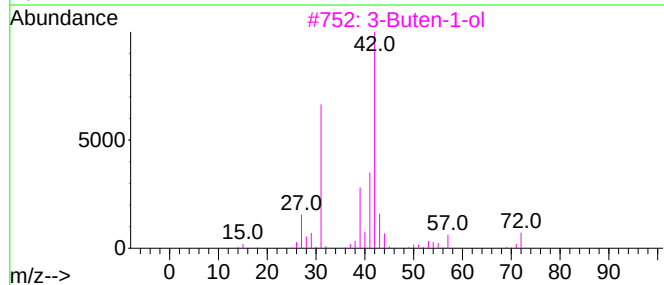
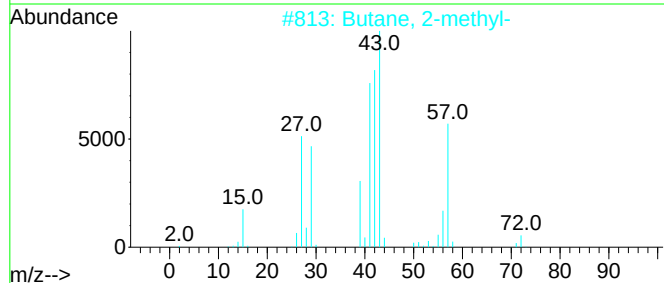
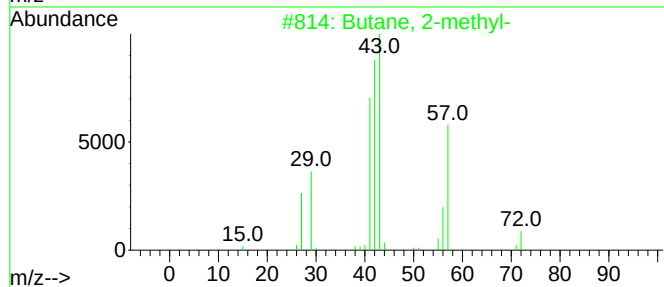
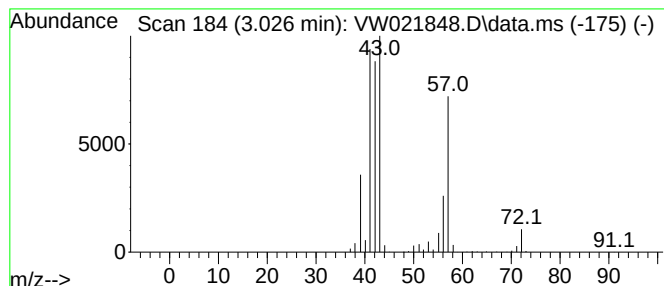
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.026	108.35 ug/L	1359330	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	86
2	Butane, 2-methyl-			72	C5H12	000078-78-4	80
3	3-Buten-1-ol			72	C4H8O	000627-27-0	47
4	1,3-Dimethyldiaziridine			72	C3H8N2	026177-36-6	33
5	Pentane			72	C5H12	000109-66-0	33



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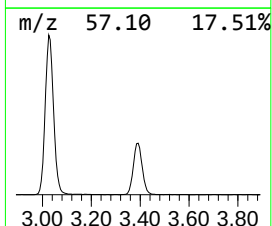
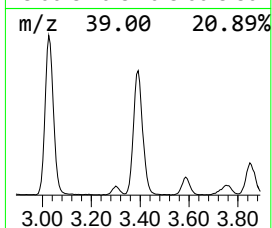
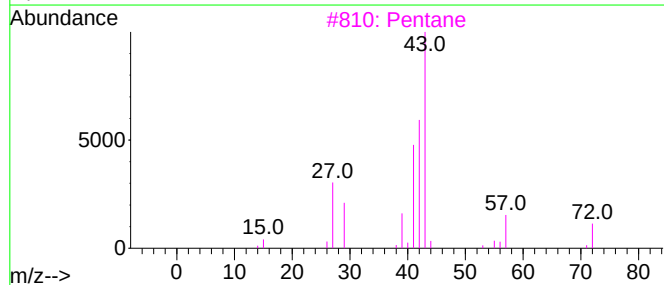
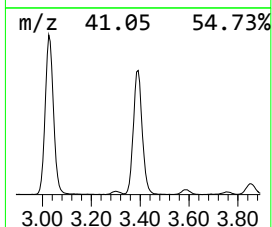
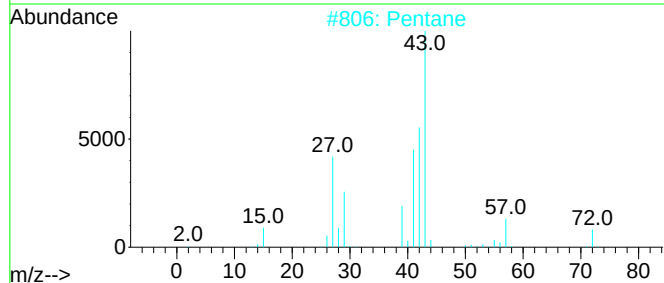
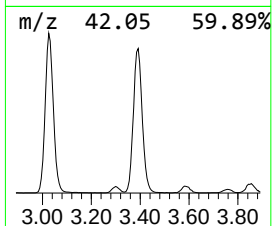
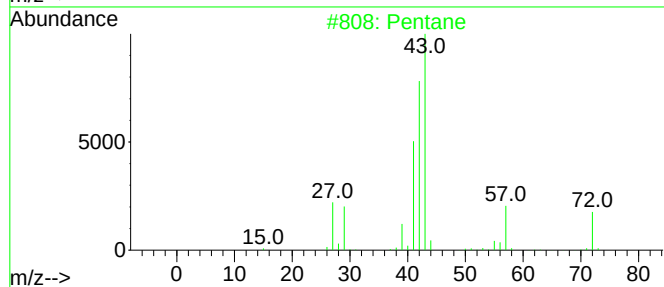
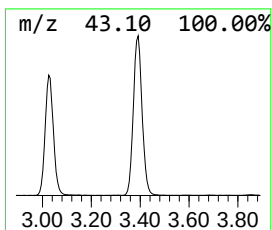
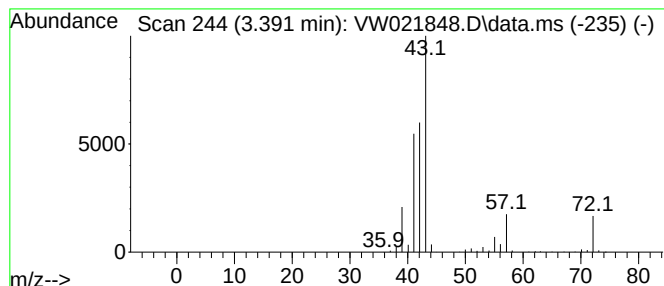
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.391	100.42 ug/L	1259790	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	80



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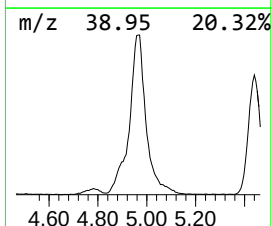
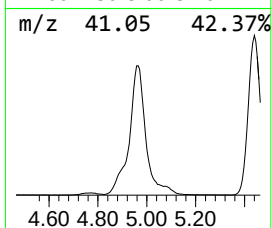
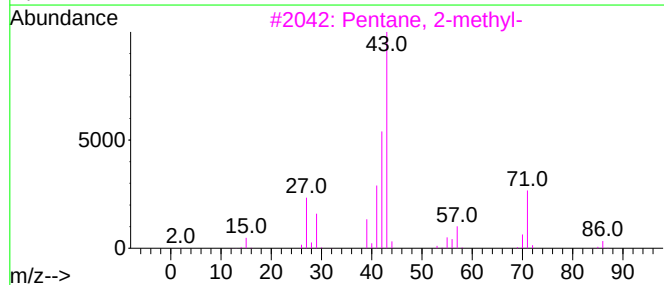
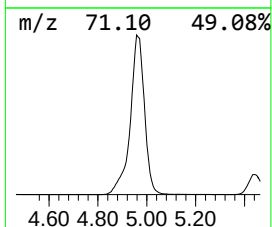
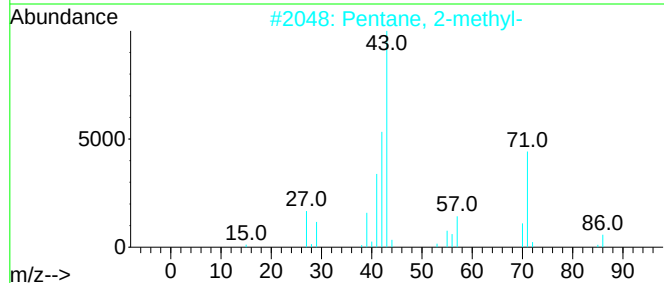
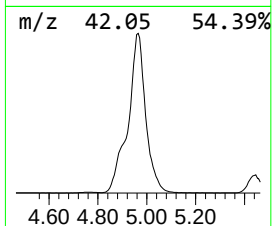
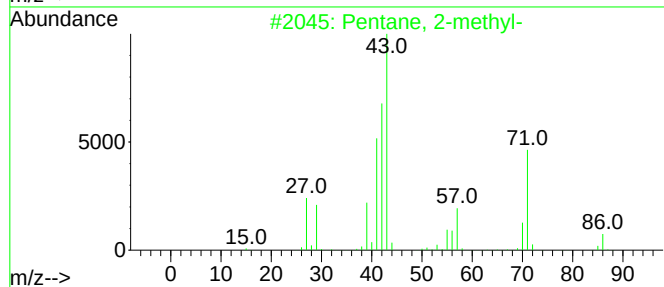
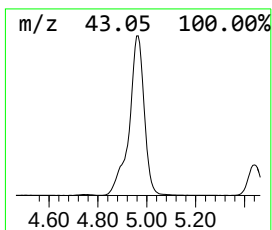
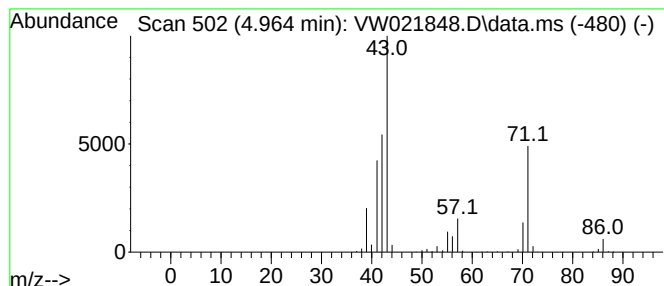
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.964	286.74 ug/L	3597180	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	94
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

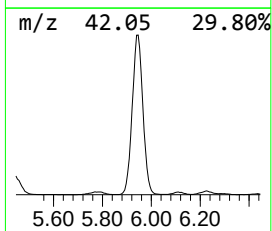
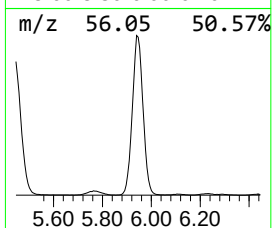
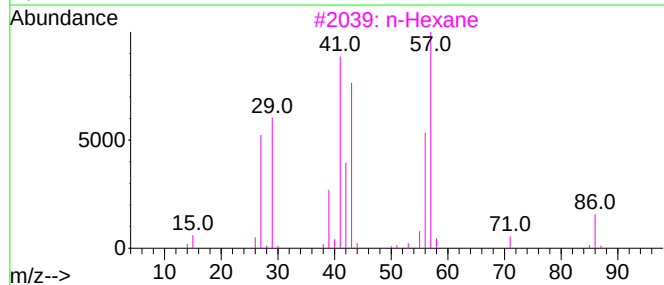
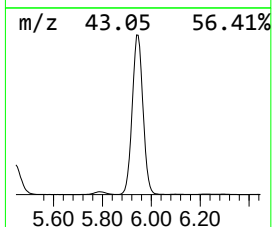
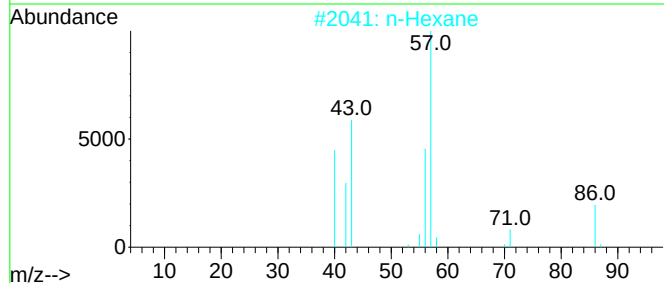
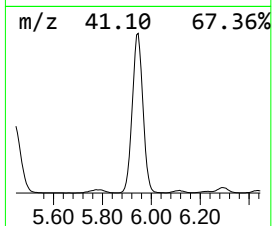
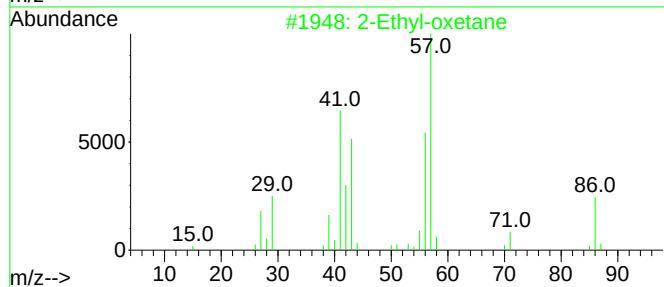
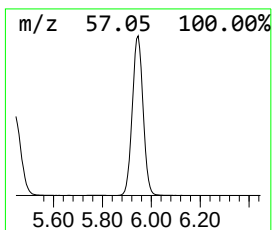
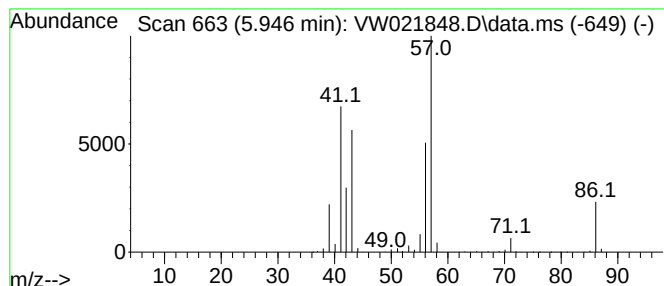
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Quant Title : SFAM01.0

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

Peak Number 4 2-Ethyl-oxetane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	384.76 ug/L	4826880	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	90
2			n-Hexane	86	C6H14	000110-54-3	87
3			n-Hexane	86	C6H14	000110-54-3	78
4			n-Hexane	86	C6H14	000110-54-3	78
5			n-Hexane	86	C6H14	000110-54-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

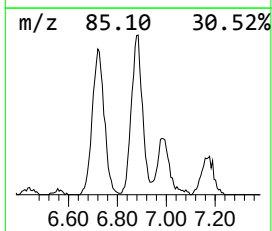
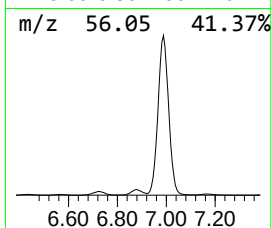
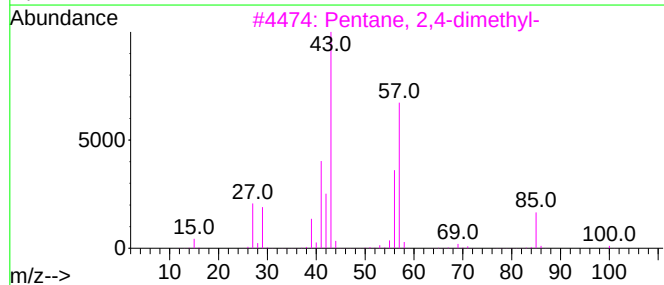
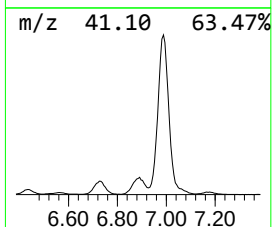
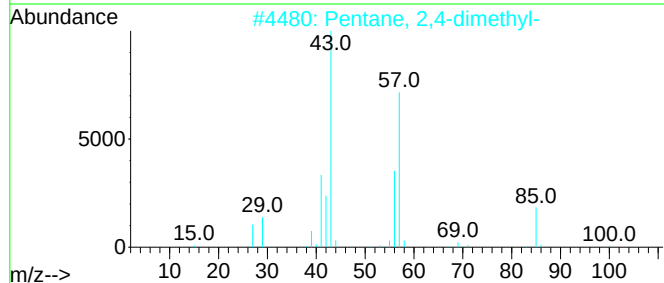
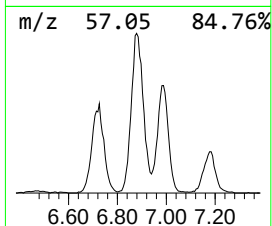
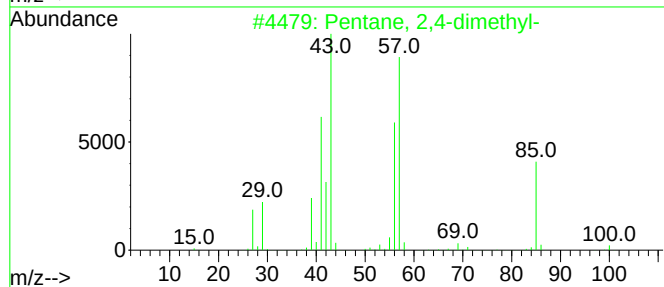
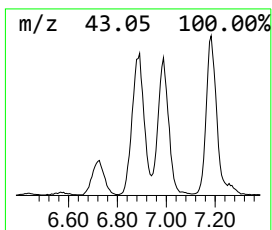
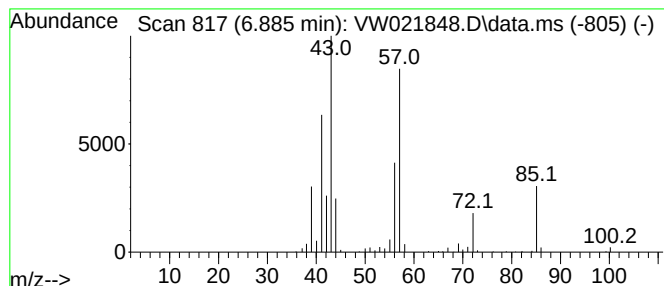
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.885	26.92 ug/L	337770	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	81
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

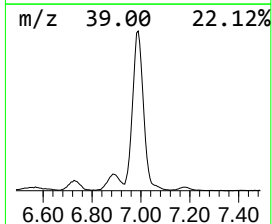
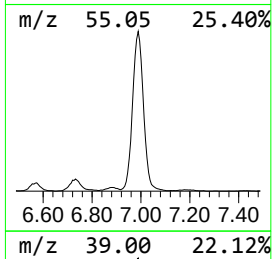
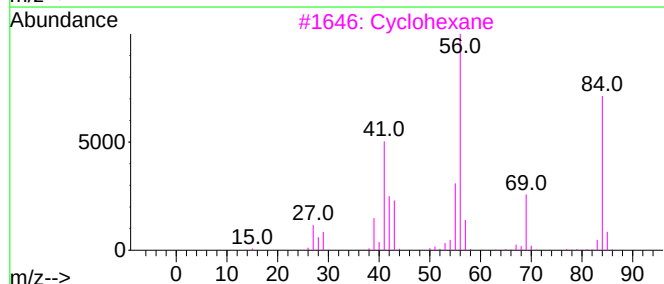
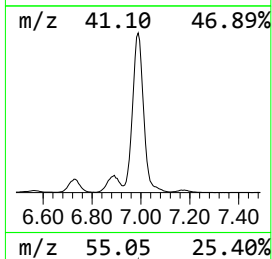
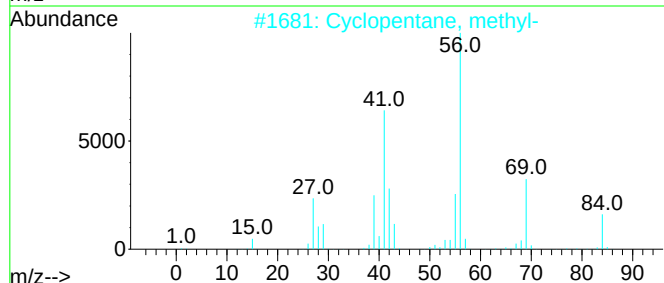
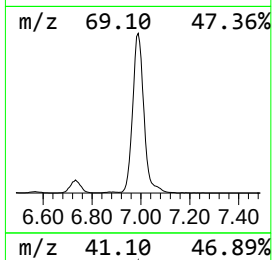
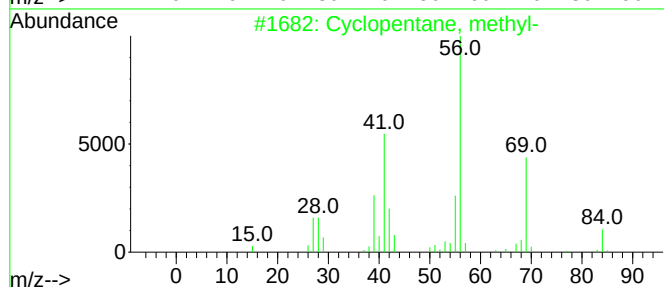
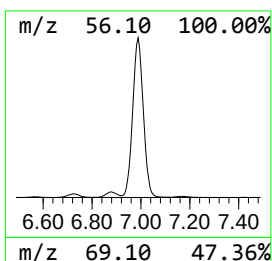
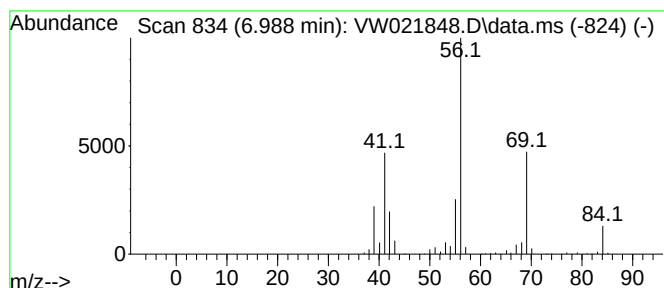
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic6.988 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	217.66 ug/L	2730650	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3			Cyclohexane	84	C6H12	000110-82-7	78
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

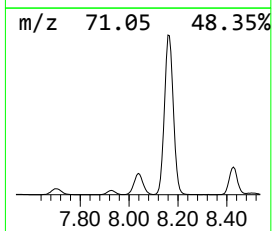
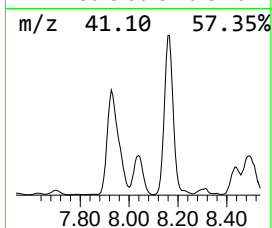
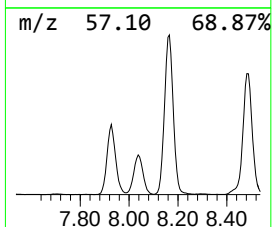
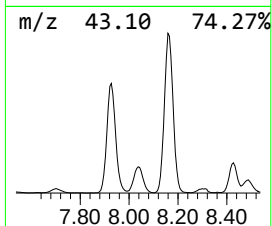
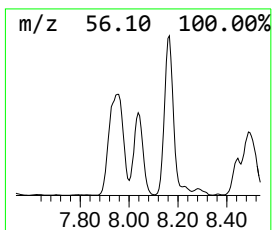
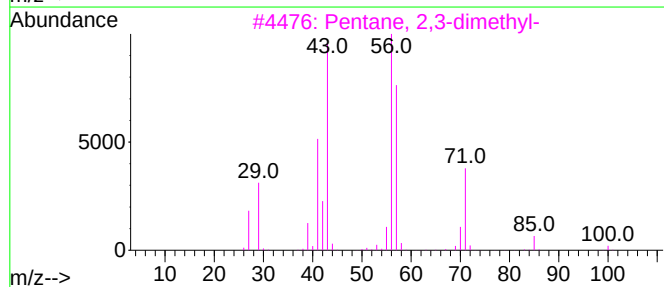
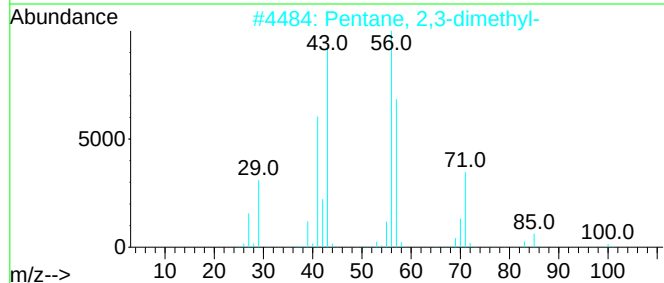
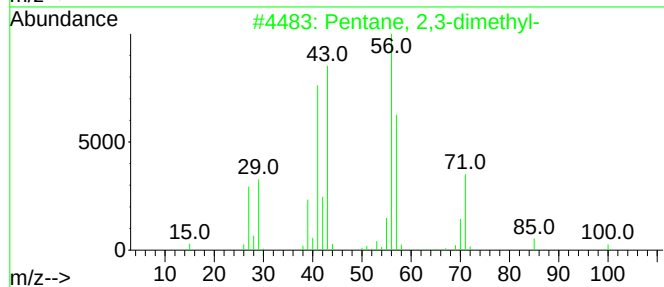
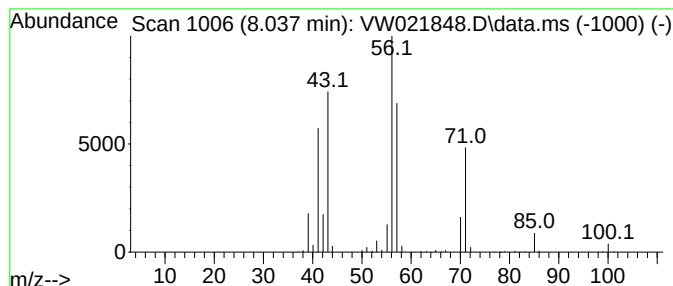
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ClientSampleId :
BGLN1

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

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD			R.T.
8.037	63.53 ug/L	797066	1,4-Difluorobenzene			8.842
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-		100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-		100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-		100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-		100	C7H16	000565-59-3	72
5	Ethane, isocyanato-		71	C3H5NO	000109-90-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

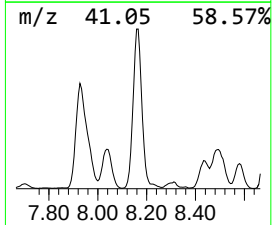
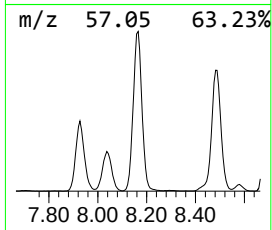
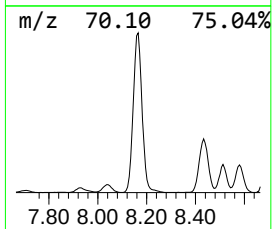
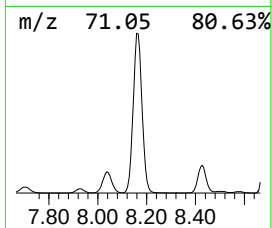
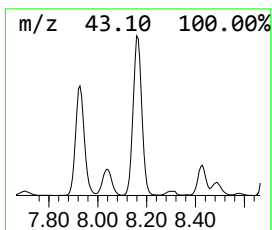
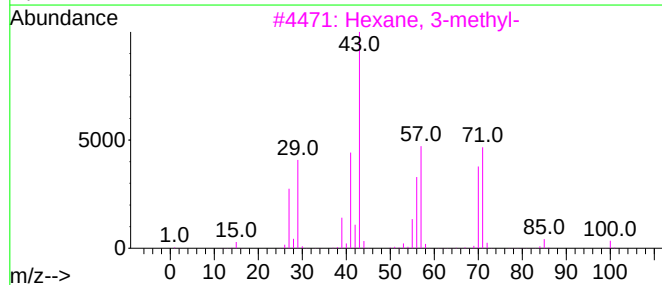
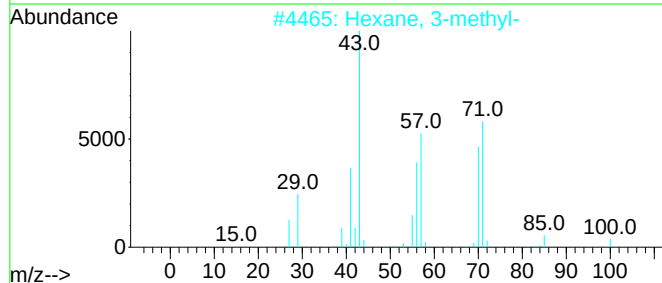
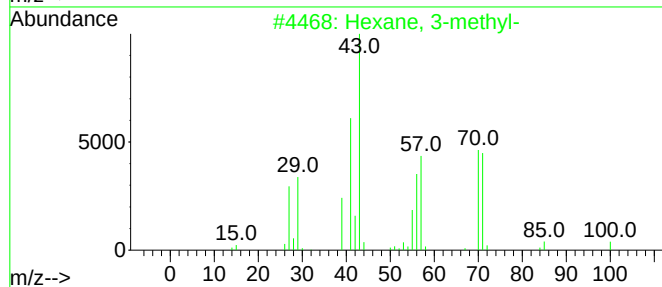
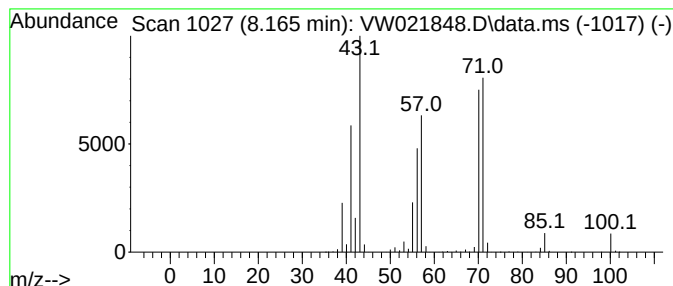
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.165	301.41 ug/L	3781230	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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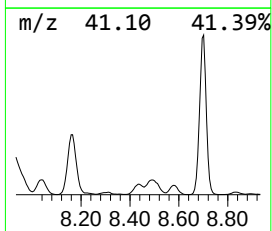
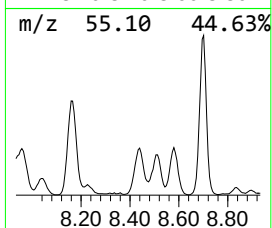
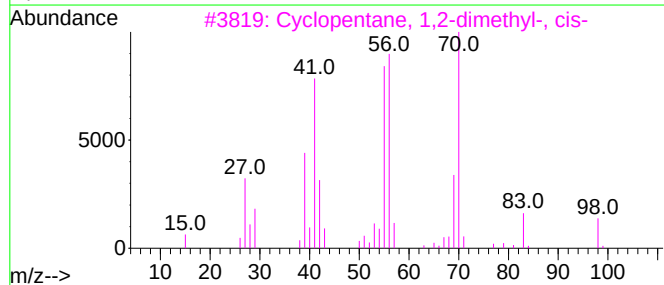
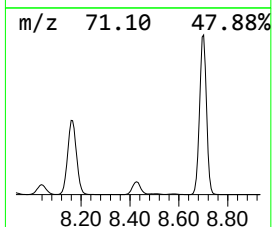
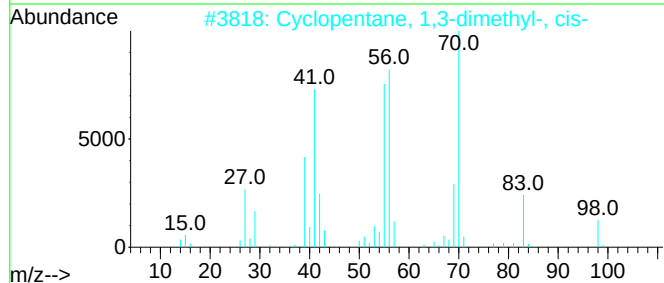
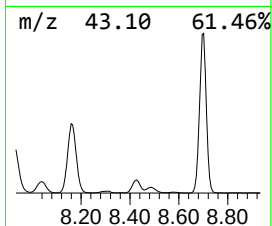
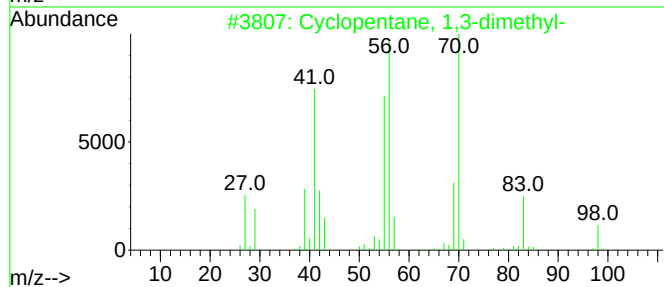
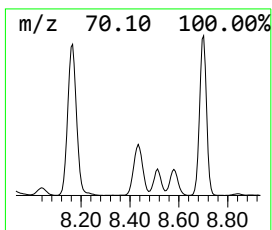
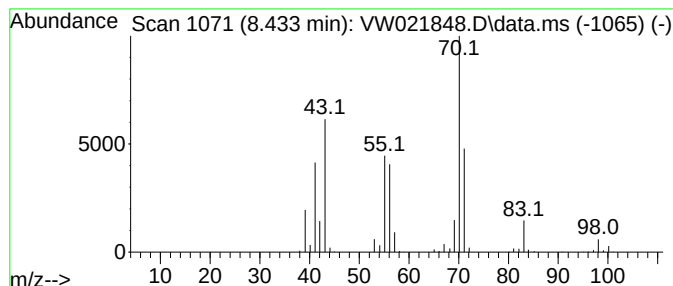
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic8.433 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.433	47.87 ug/L	600555	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	60
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	60
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
4		Undecane, 3-methylene-	168	C12H24	071138-64-2	53
5		Heptane, 3-ethyl-5-methylene-	140	C10H20	1010160-41-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

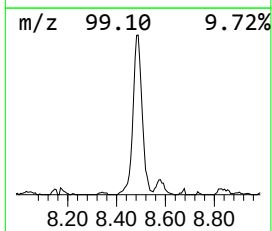
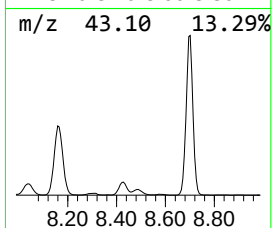
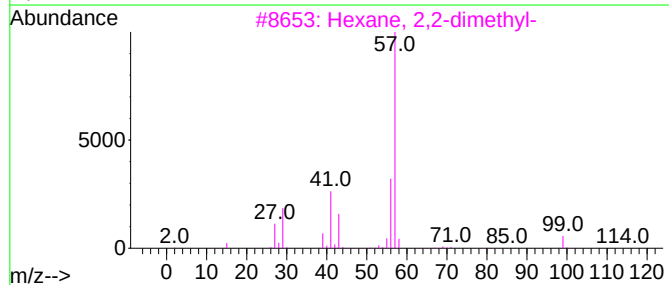
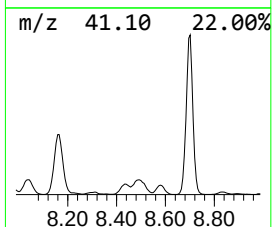
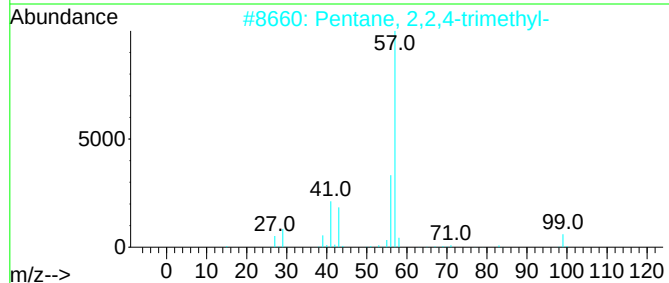
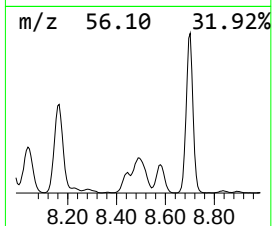
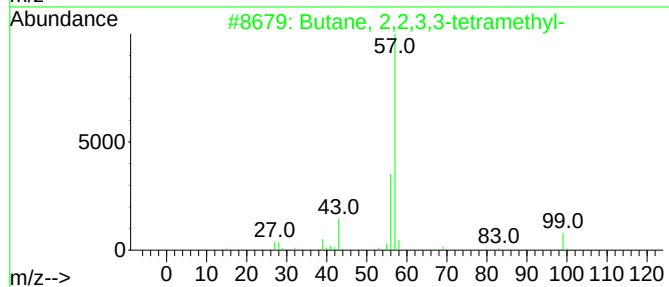
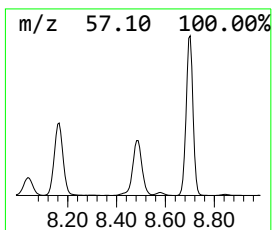
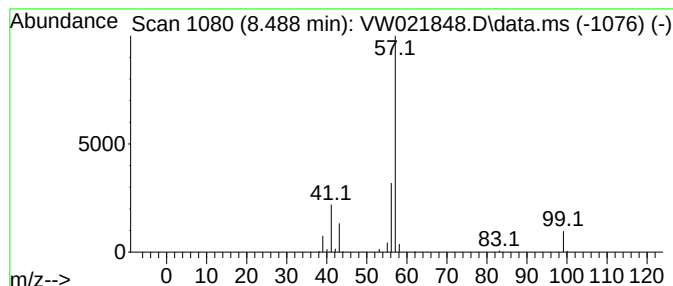
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.488	69.70 ug/L	874448	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
4		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
5		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

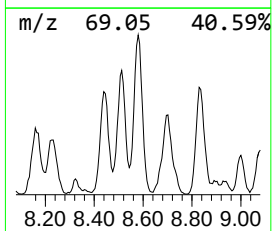
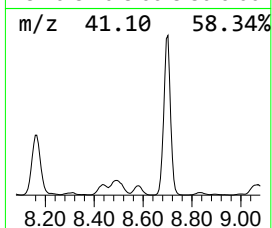
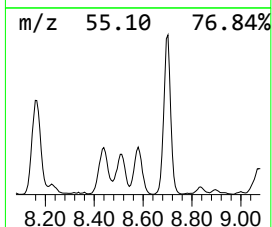
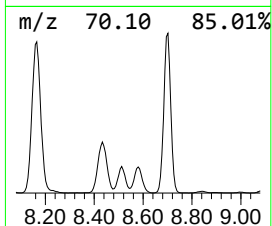
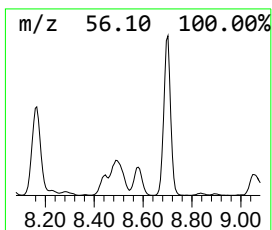
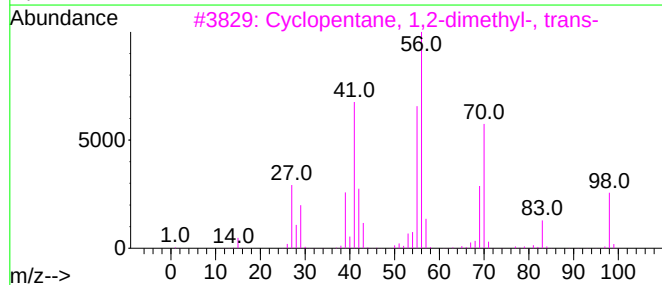
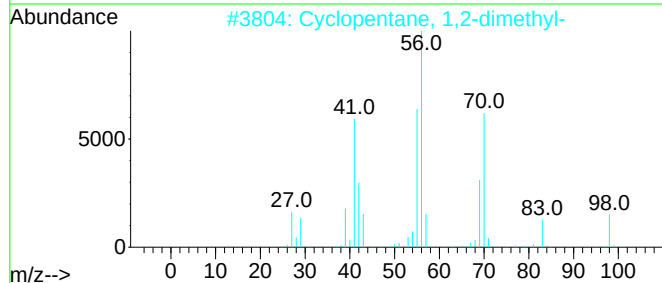
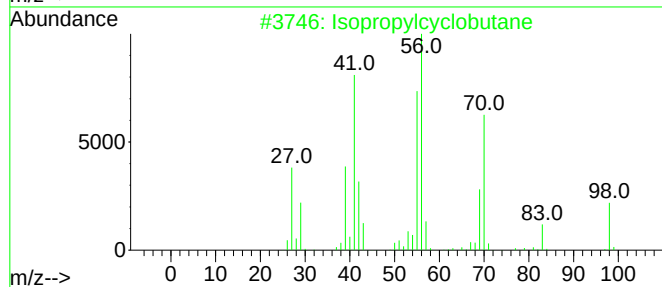
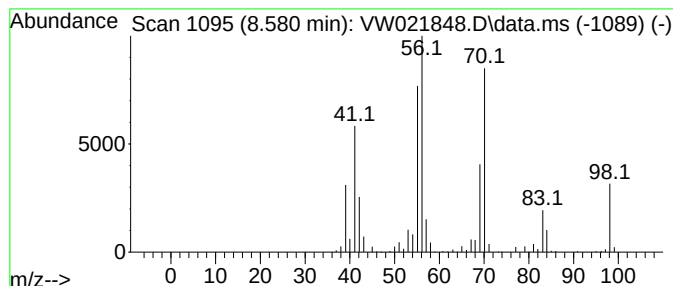
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic8.580 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.580	47.09 ug/L	590765	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-, trans-	98	C7H14	000822-50-4	91
4		1-Heptene	98	C7H14	000592-76-7	87
5		Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

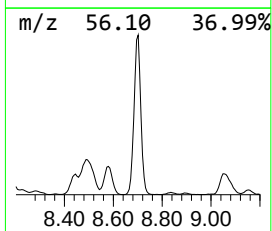
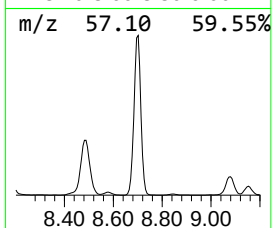
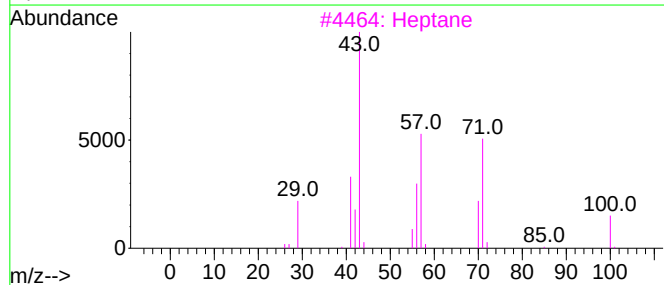
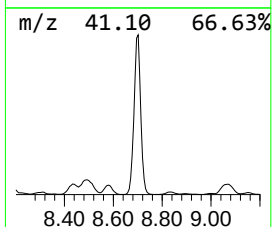
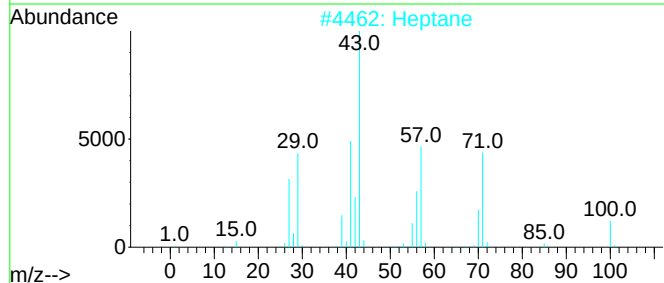
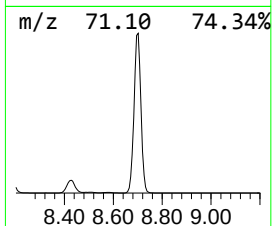
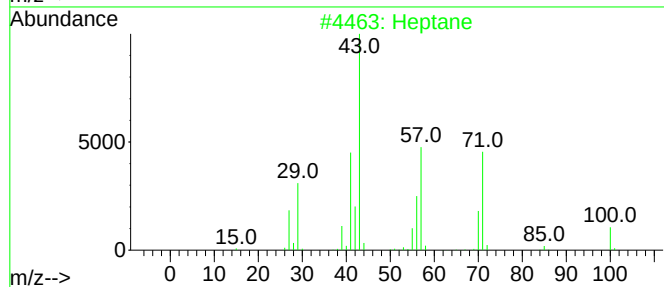
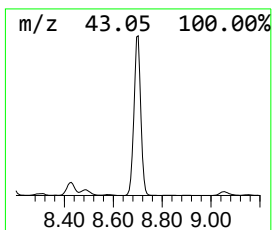
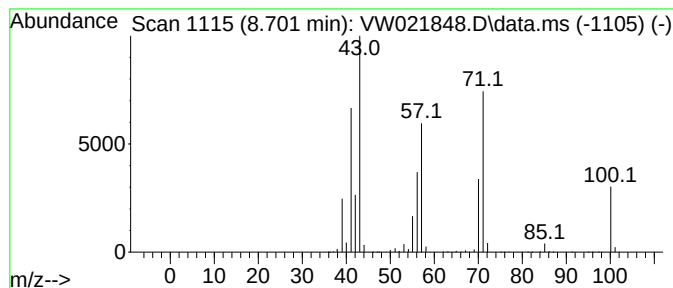
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.701	499.28 ug/L	6263590	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	58
4	Heptane			100	C7H16	000142-82-5	53
5	Pentane, 2-methyl-			86	C6H14	000107-83-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

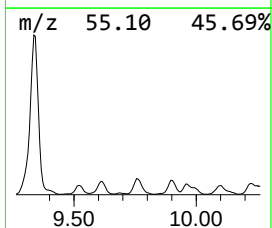
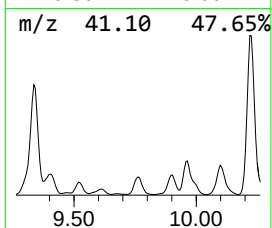
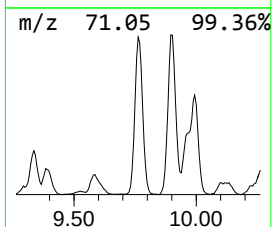
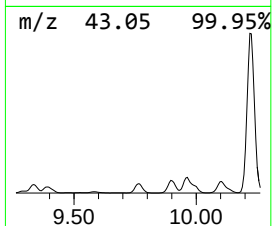
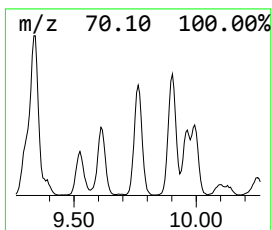
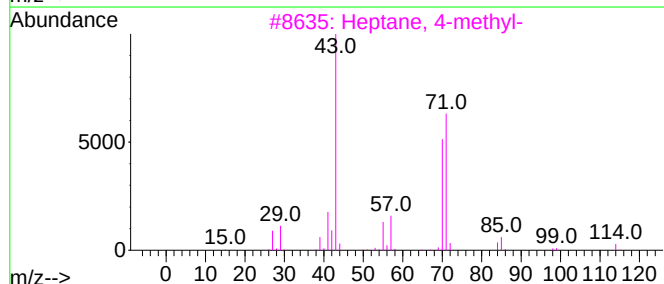
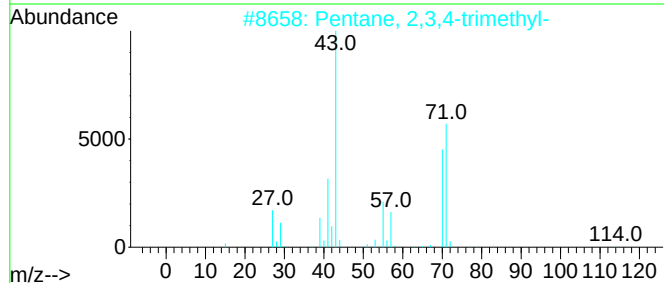
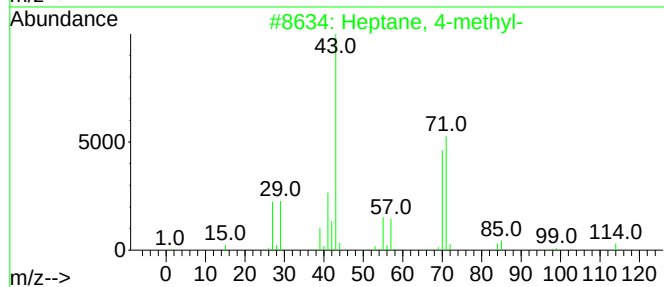
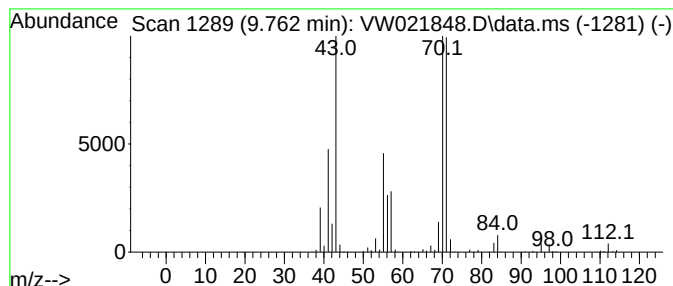
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	44.24 ug/L	554976	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-methyl-	114	C8H18	000589-53-7	74
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4		n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	56
5		n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

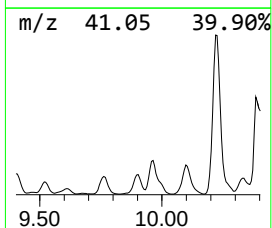
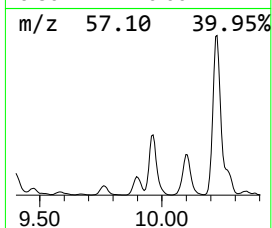
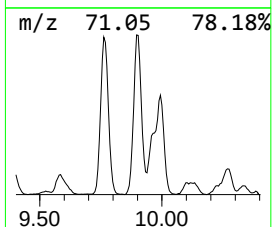
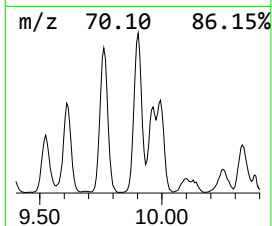
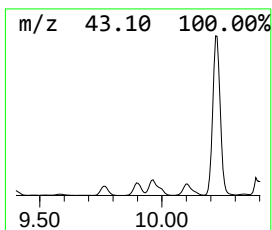
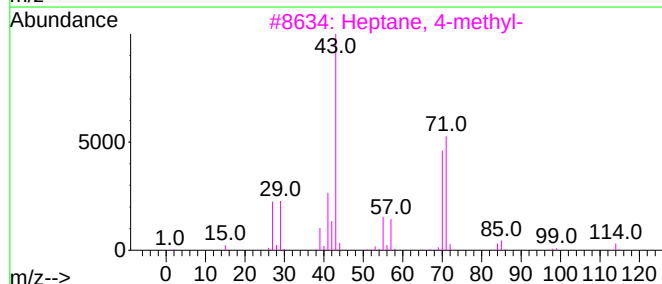
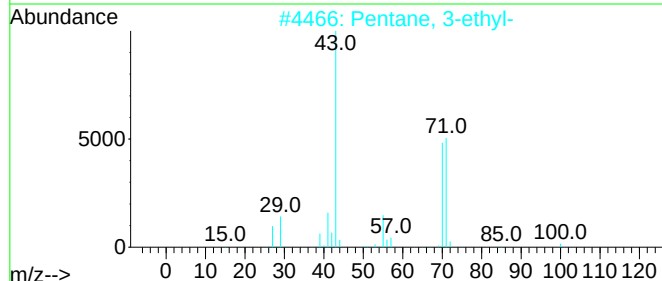
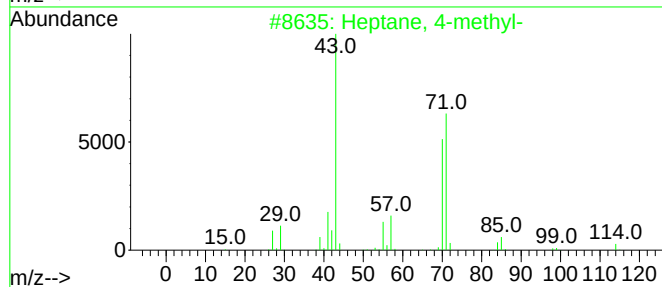
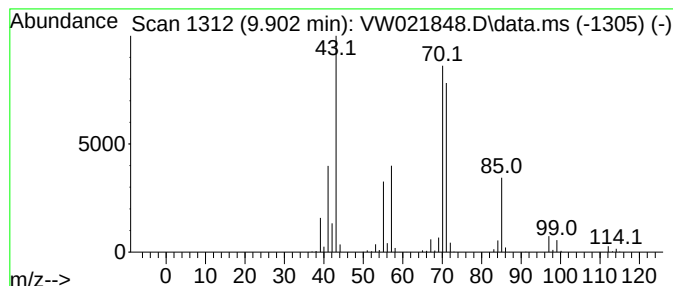
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.902	41.86 ug/L	525143	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-methyl-	114	C8H18	000589-53-7	72
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
5			Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

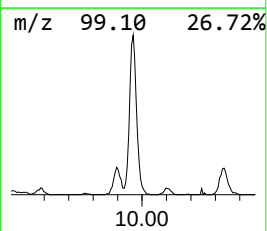
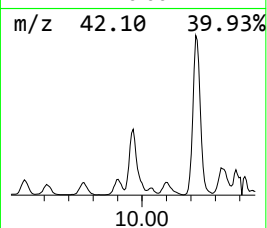
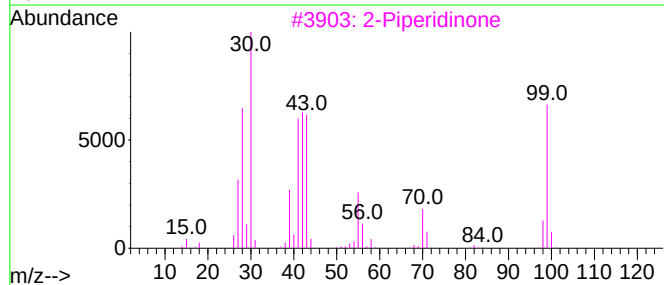
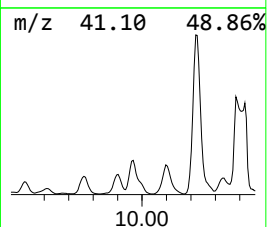
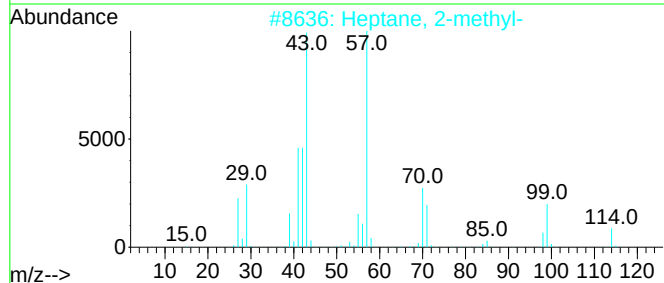
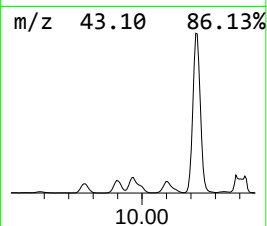
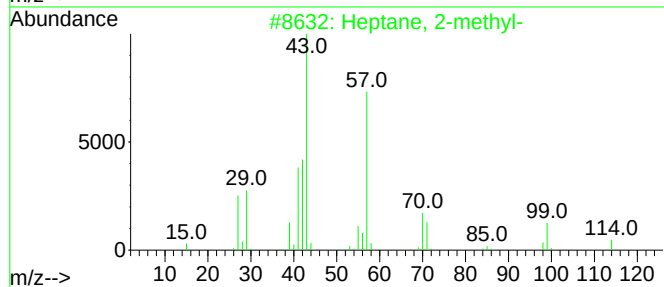
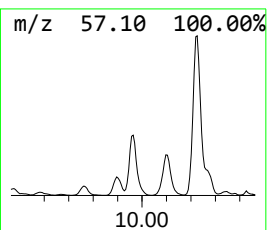
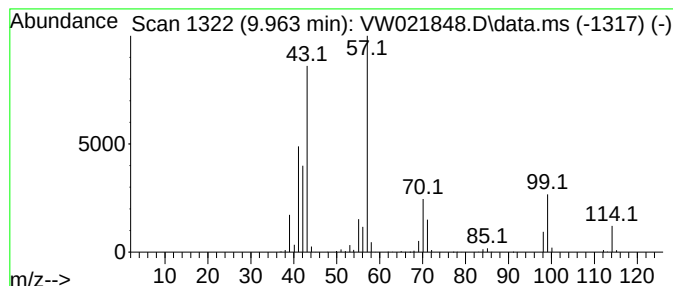
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	74.76 ug/L	937838	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3			2-Piperidinone	99	C5H9NO	000675-20-7	64
4			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

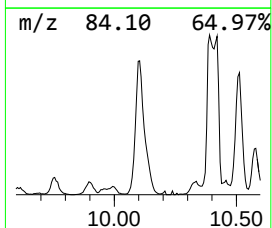
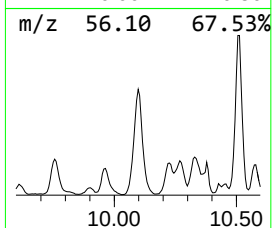
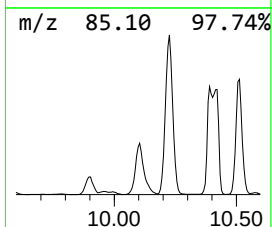
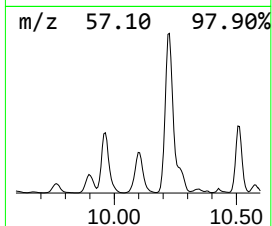
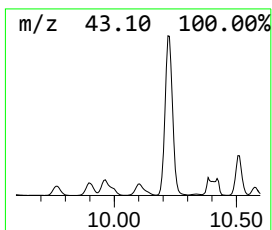
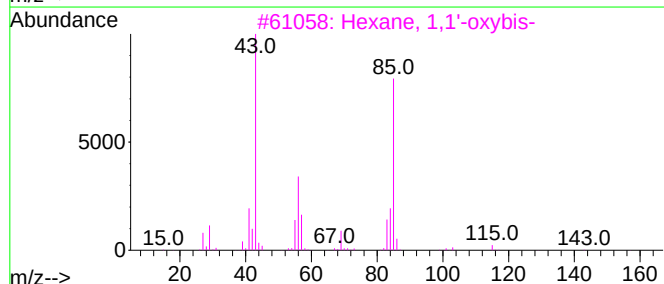
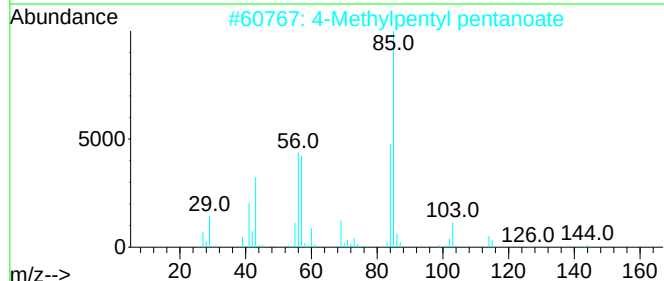
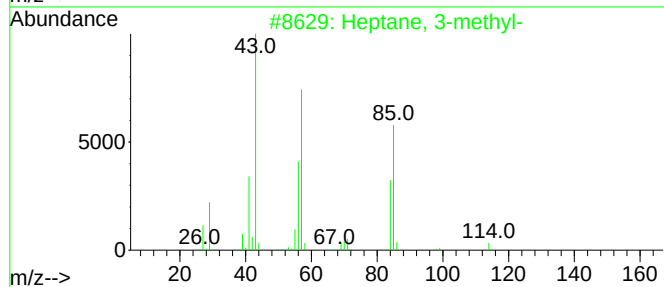
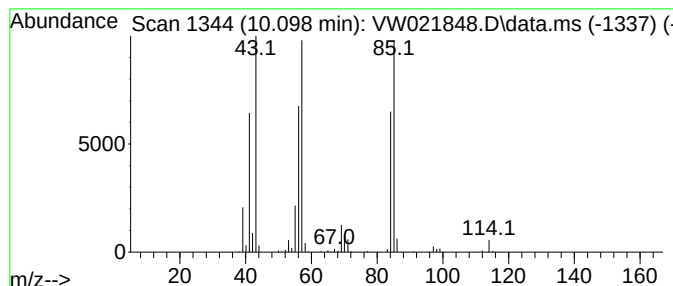
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.098	66.61 ug/L	835639	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	4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	72
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

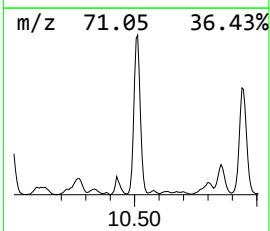
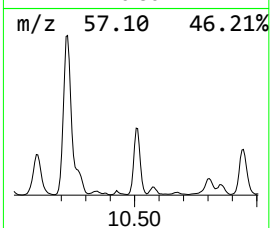
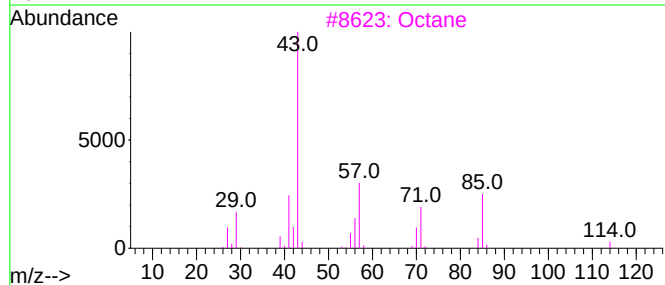
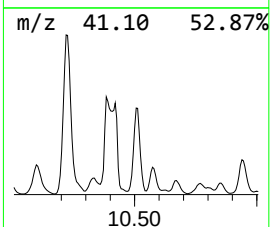
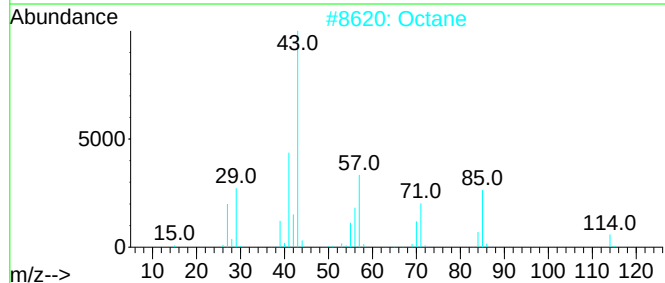
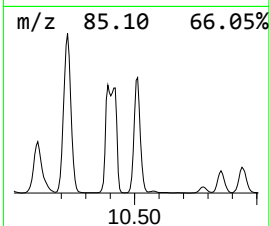
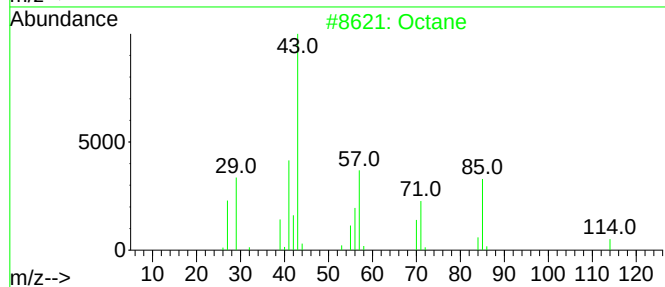
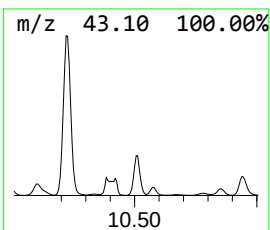
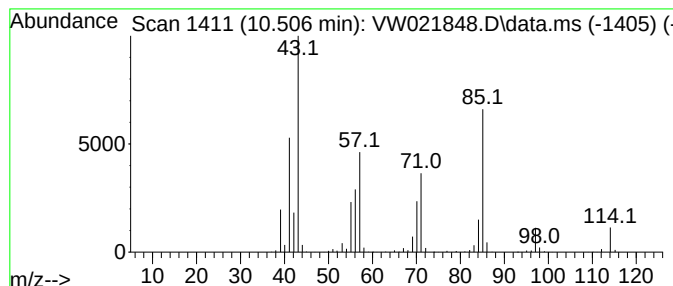
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	69.83 ug/L	1694130	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	90
2	Octane			114	C8H18	000111-65-9	90
3	Octane			114	C8H18	000111-65-9	87
4	Octane			114	C8H18	000111-65-9	87
5	Octane			114	C8H18	000111-65-9	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

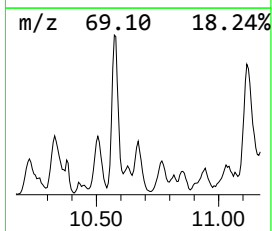
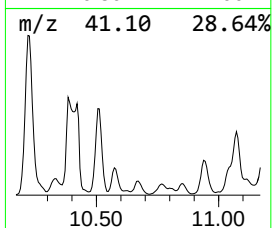
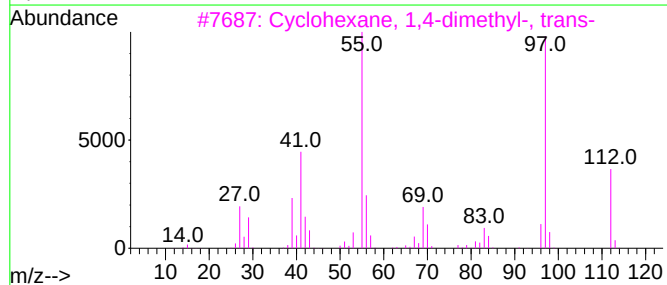
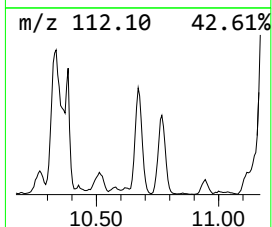
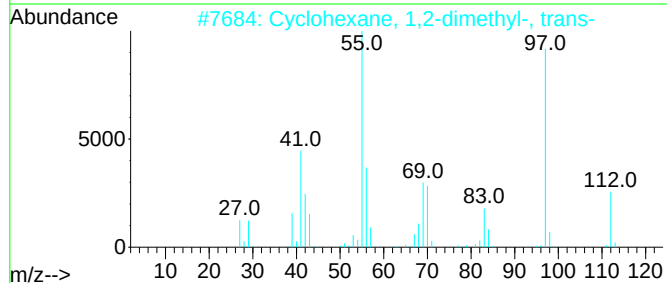
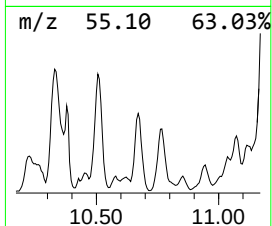
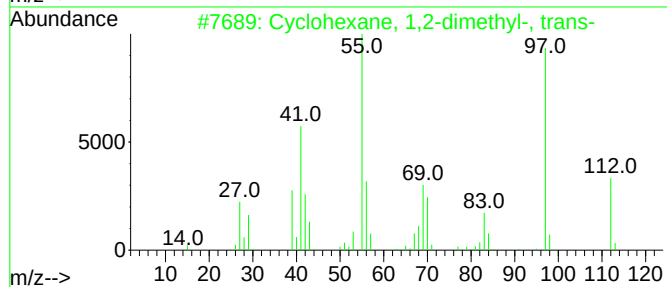
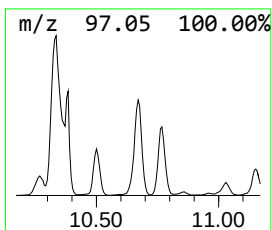
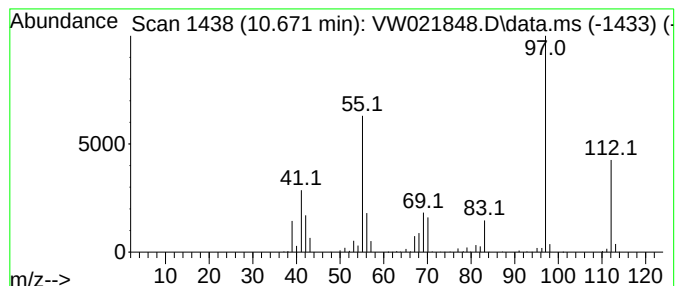
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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

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

Peak Number 18 (DEL) Alkane: Cyclic10.671 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.671	18.66 ug/L	452650	Chlorobenzene-d5	11.640	
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, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

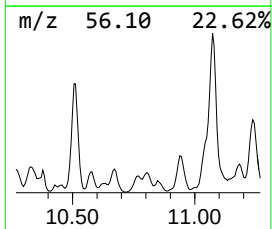
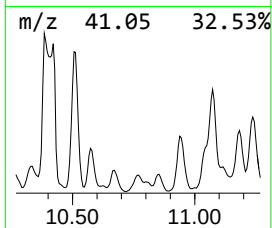
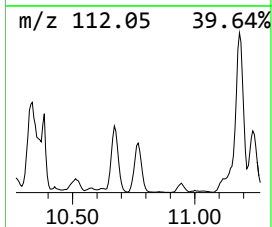
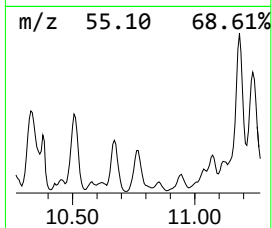
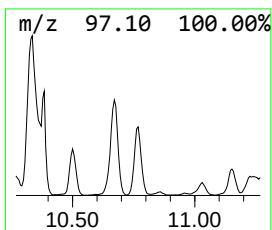
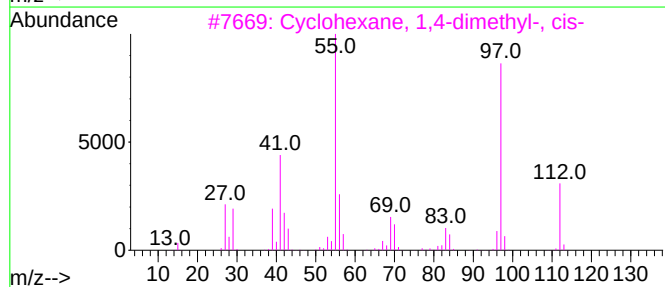
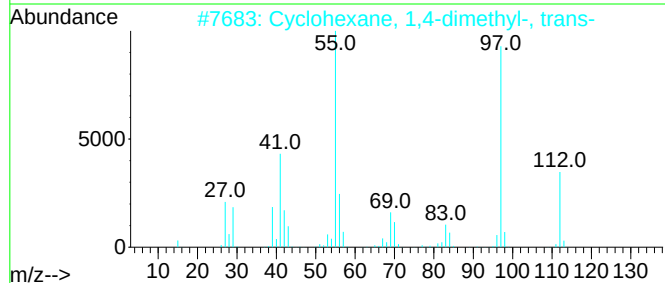
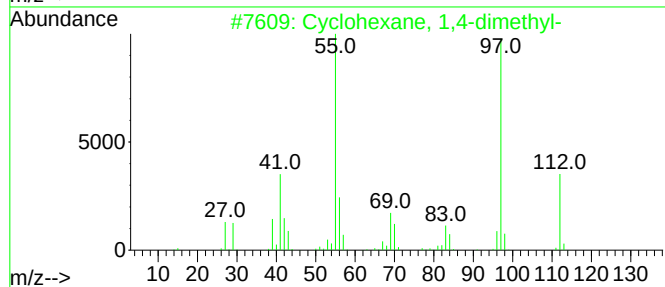
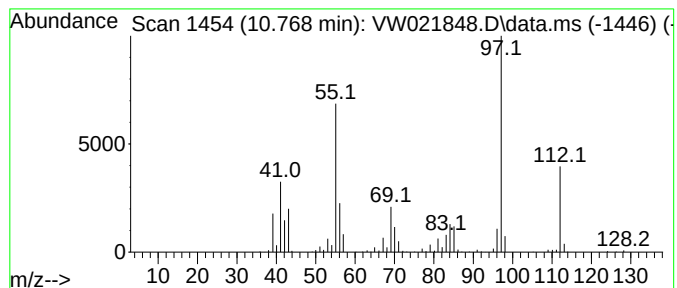
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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

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

Peak Number 19 (DEL) Alkane: Cyclic10.768 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.768	21.73 ug/L	527173	Chlorobenzene-d5	11.640	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

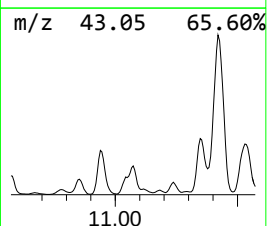
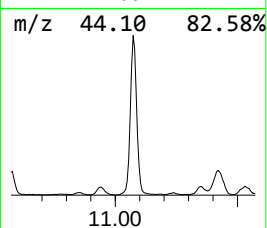
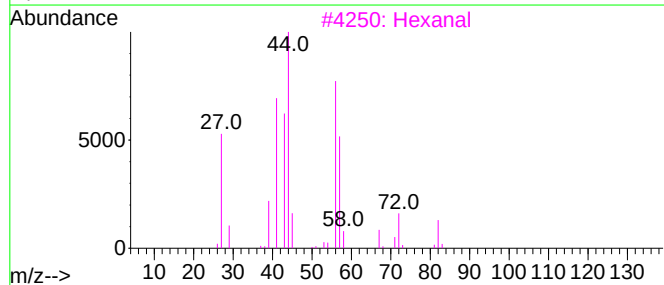
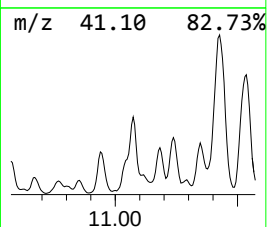
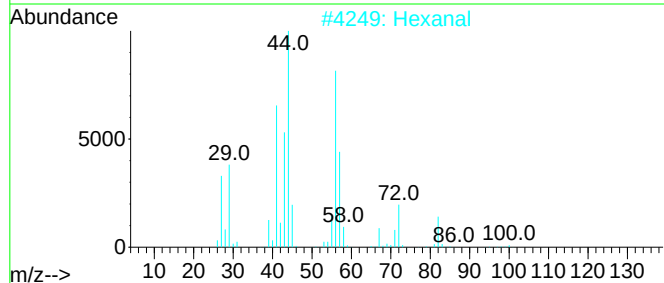
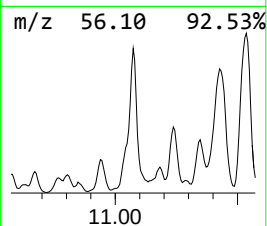
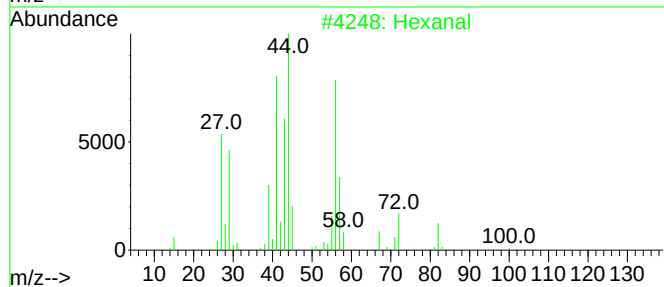
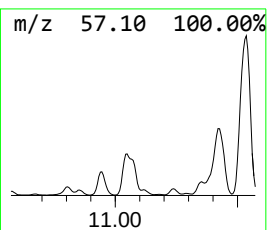
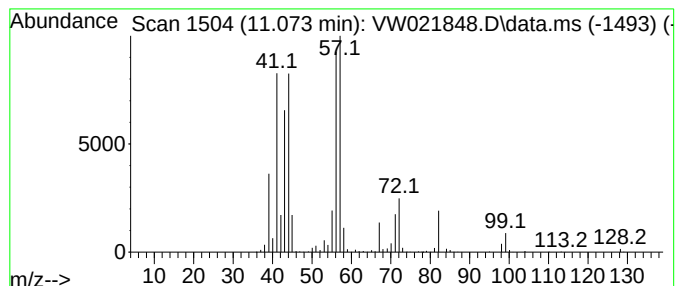
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Quant Title : SFAM01.0

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

Peak Number 20 Hexanal Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	62.63 ug/L	1519560	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	87
2	Hexanal			100	C6H12O	000066-25-1	87
3	Hexanal			100	C6H12O	000066-25-1	86
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

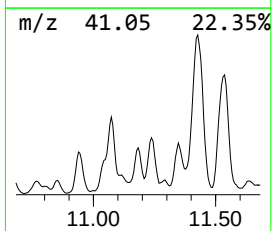
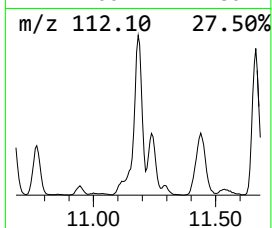
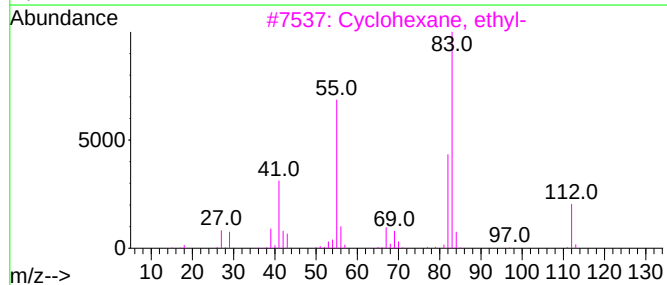
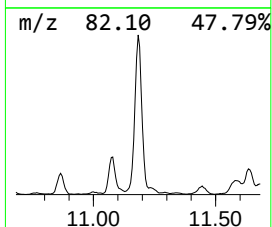
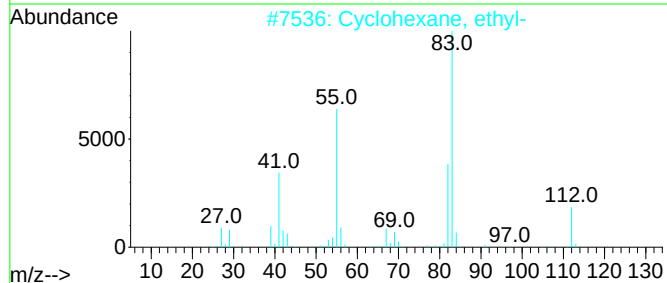
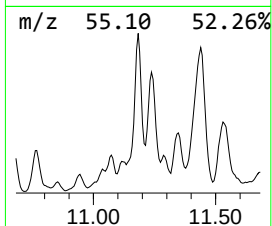
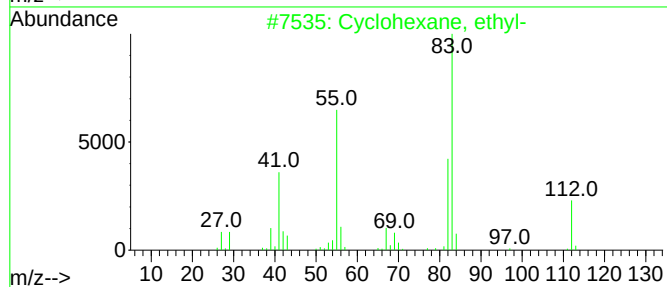
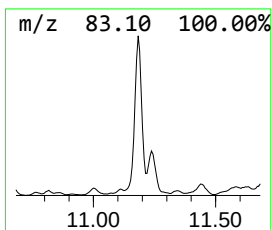
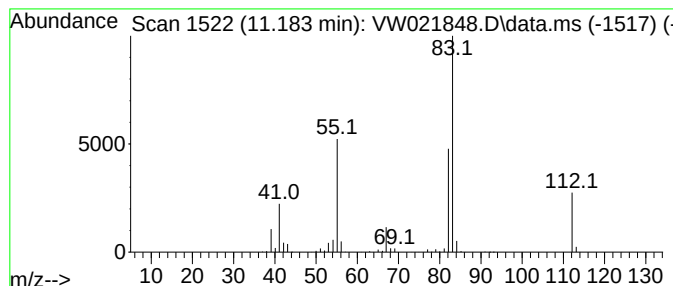
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.183 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	30.40 ug/L	737528	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

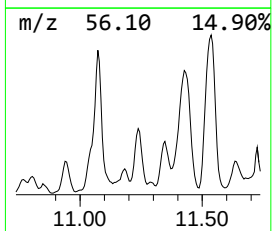
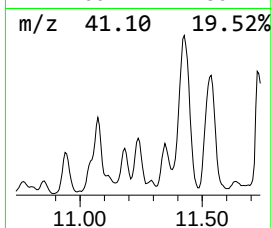
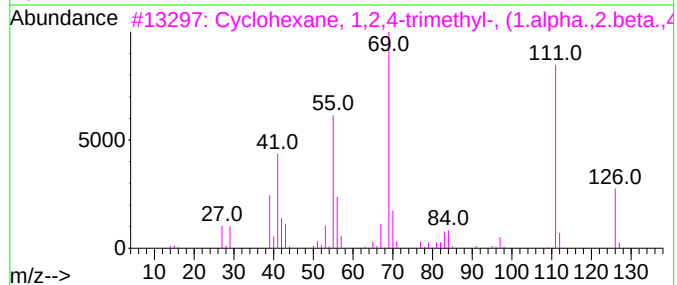
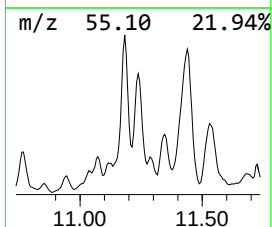
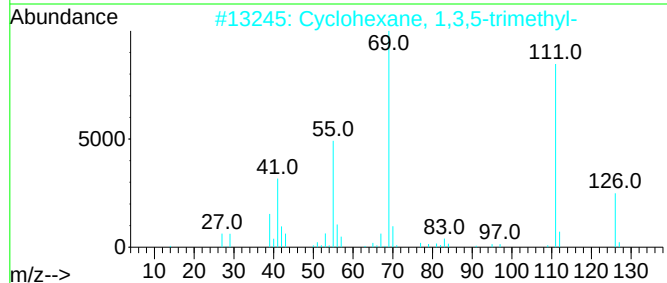
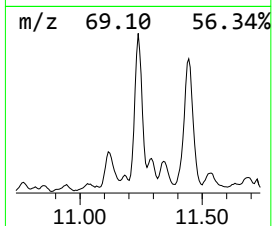
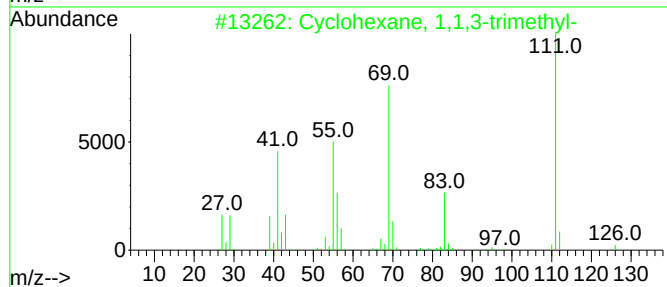
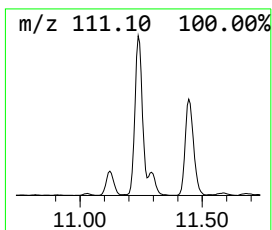
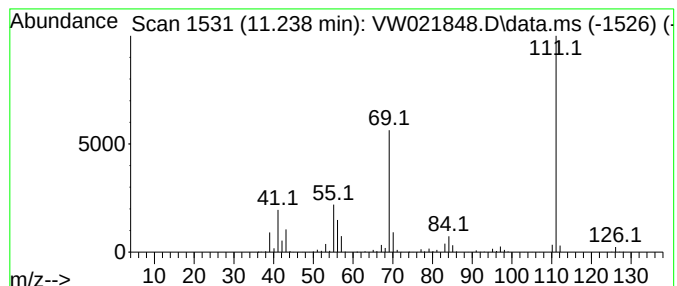
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic11.238 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.238	51.05 ug/L	1238590	Chlorobenzene-d5	11.640

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	56
4		5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	50
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

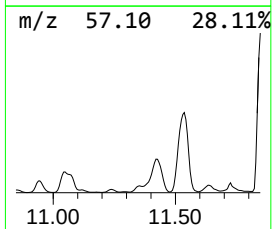
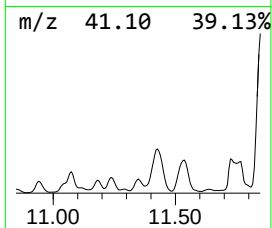
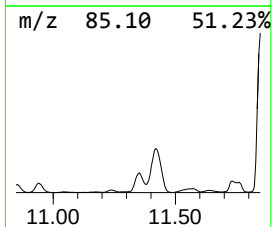
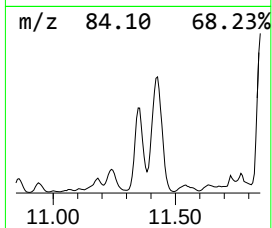
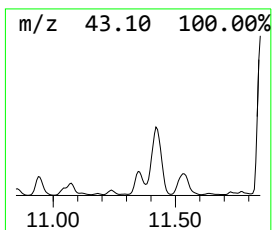
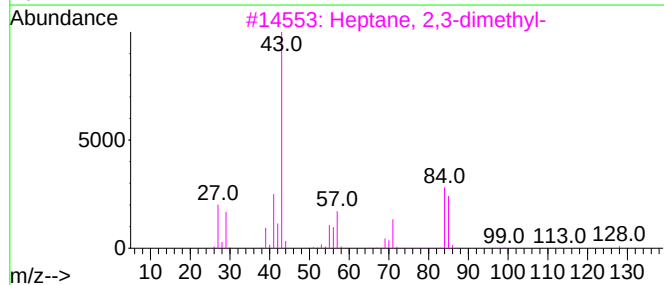
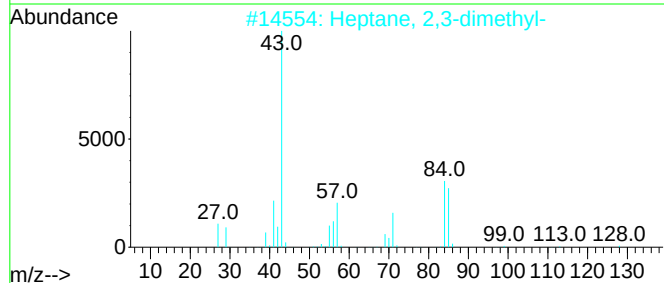
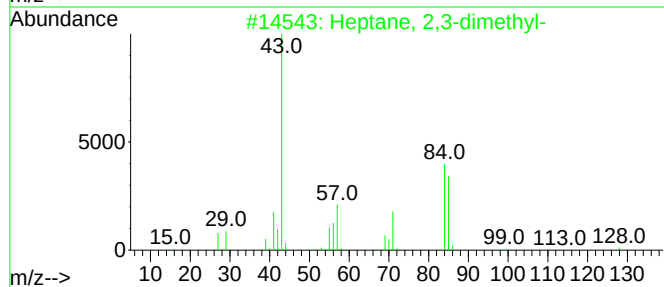
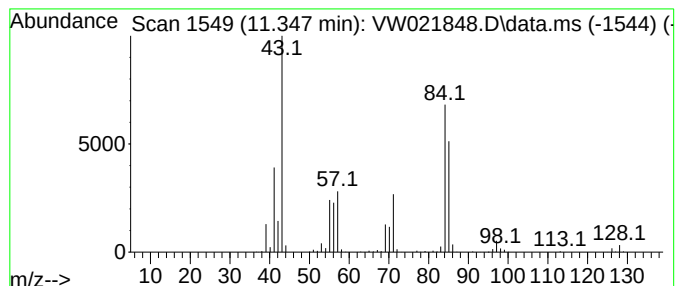
Instrument :
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ClientSampleId :
BGLN1

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

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.347	41.70 ug/L	1011600	Chlorobenzene-d5		11.640	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	87
2	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	83
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	81
4	Hexane, 3-ethyl-		114	C8H18	000619-99-8	78
5	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

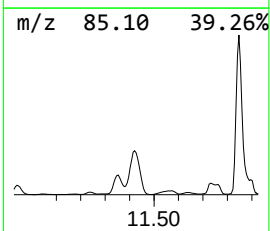
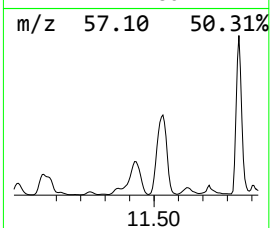
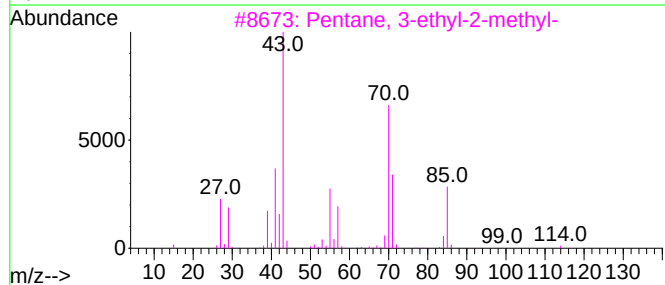
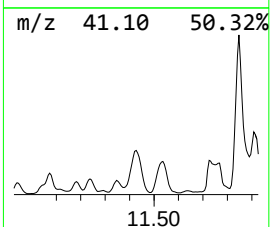
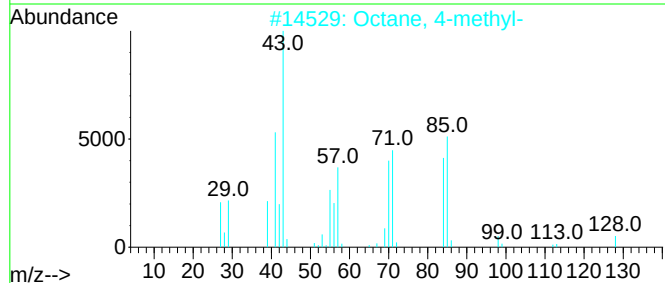
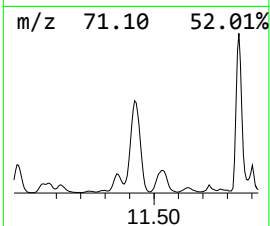
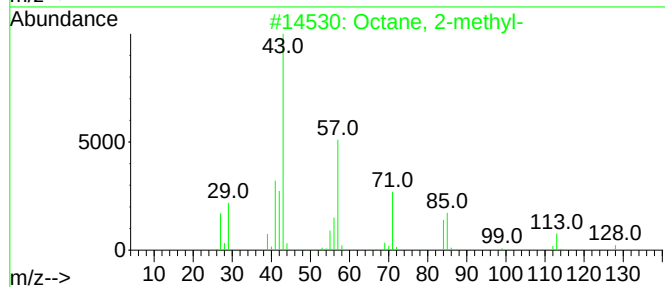
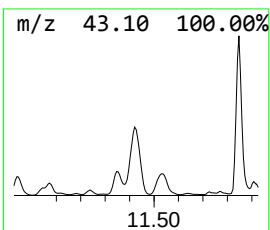
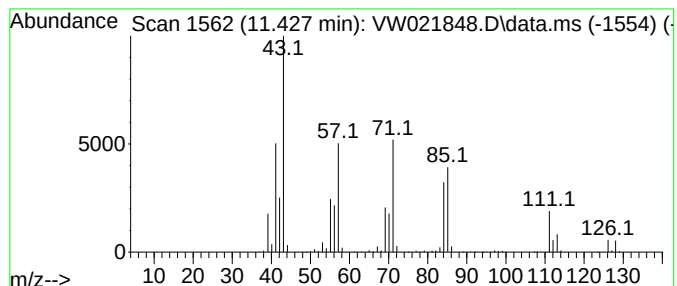
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	203.05 ug/L	4926400	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	80
2			Octane, 4-methyl-	128	C9H20	002216-34-4	58
3			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	52
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
5			Octane, 2-methyl-	128	C9H20	003221-61-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

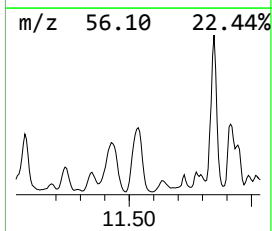
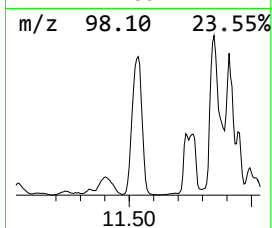
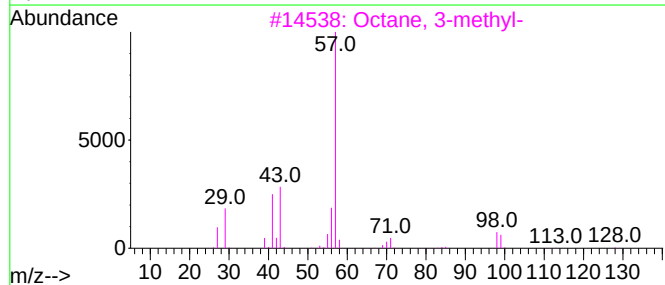
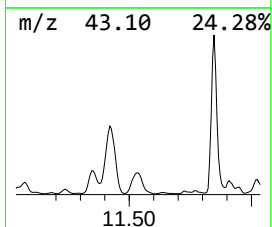
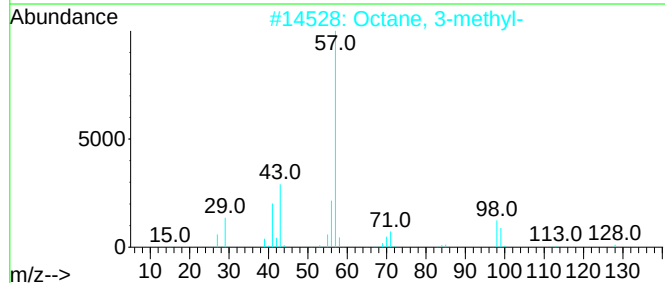
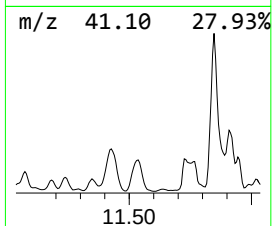
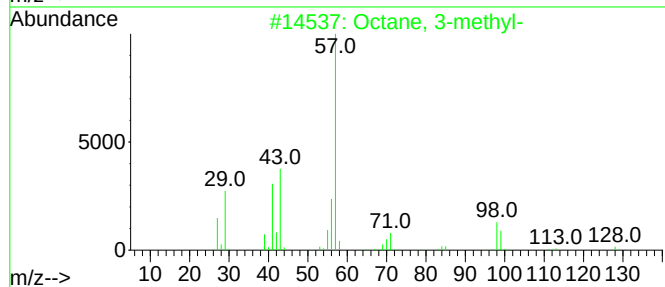
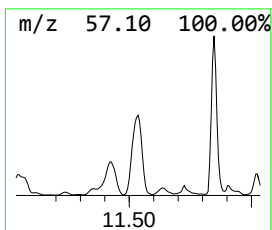
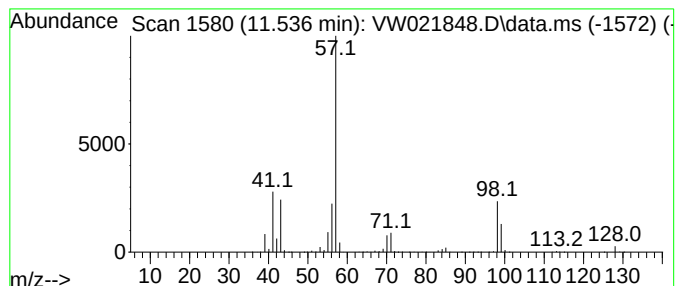
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.536	124.08 ug/L	3010450	Chlorobenzene-d5	11.640

Hit#	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	90
2		Octane, 3-methyl-	128	C9H20	002216-33-3	80
3		Octane, 3-methyl-	128	C9H20	002216-33-3	72
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

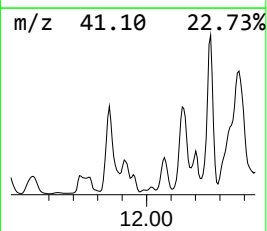
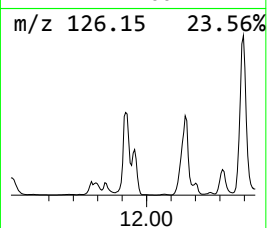
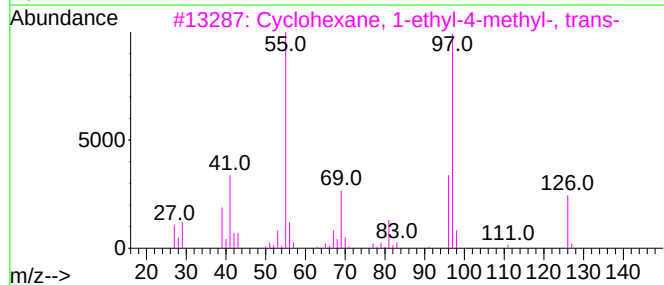
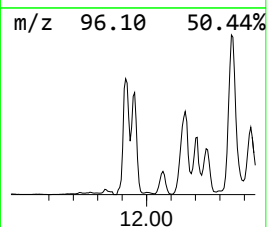
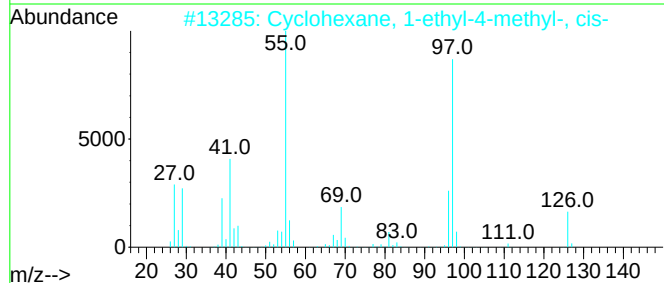
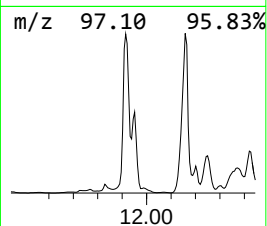
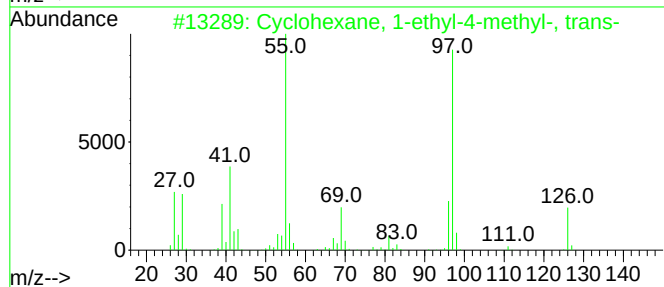
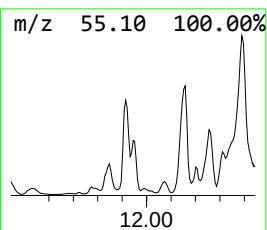
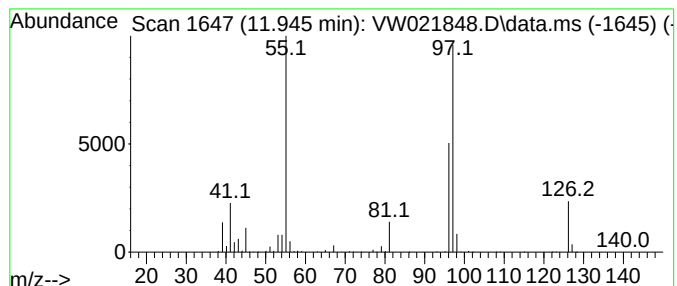
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic11.945 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	81.17 ug/L	1969420	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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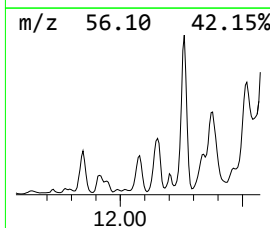
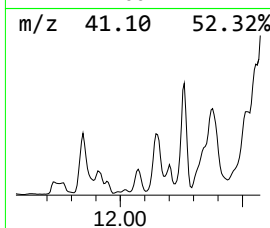
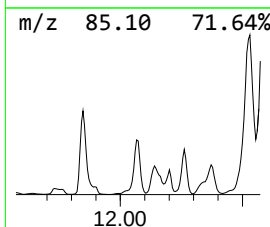
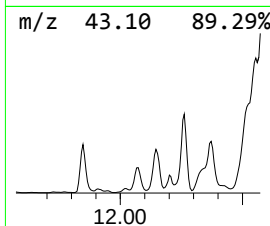
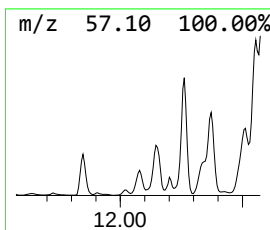
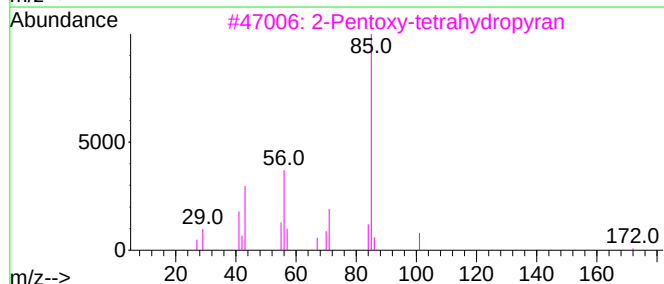
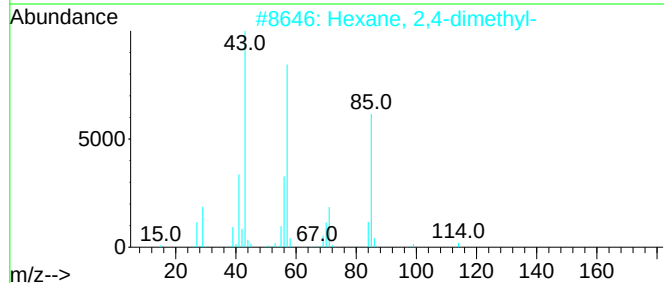
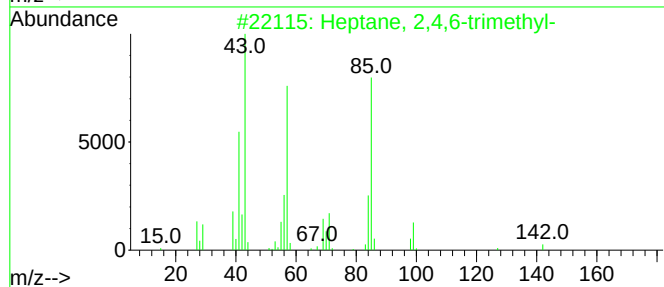
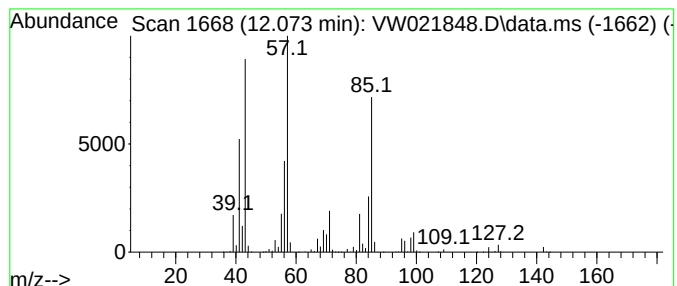
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.073	159.27 ug/L	3864260	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	60
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
3			2-Pentoxo-tetrahydropyran	172	C10H20O2	032767-70-7	50
4			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
5			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

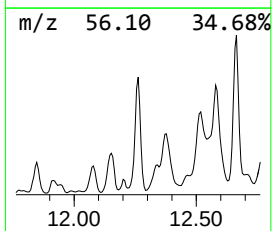
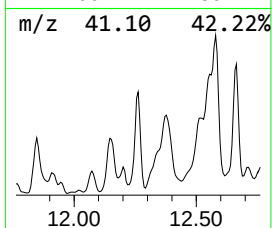
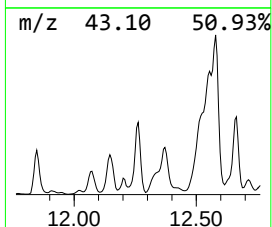
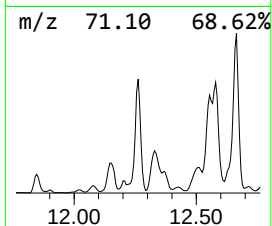
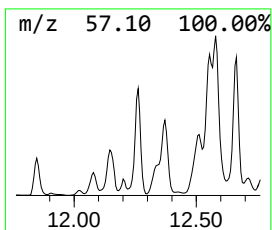
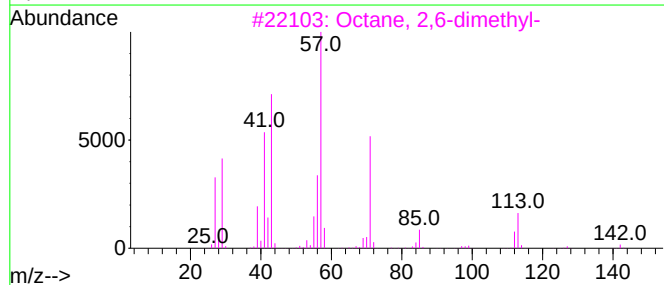
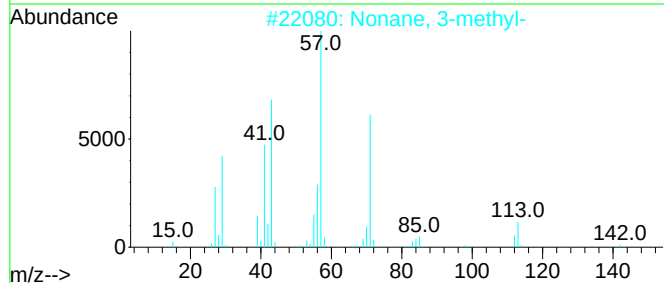
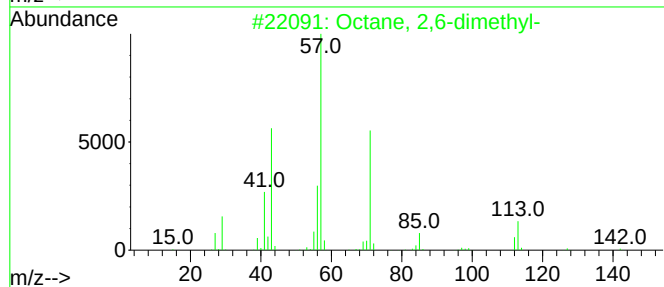
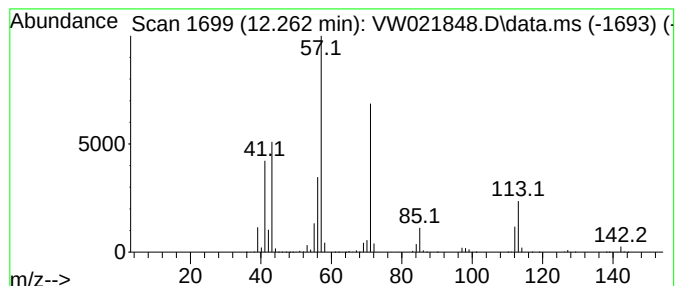
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.262	631.00 ug/L	15309200	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

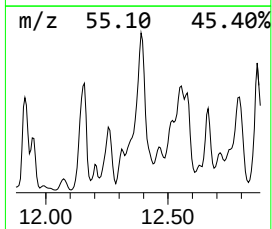
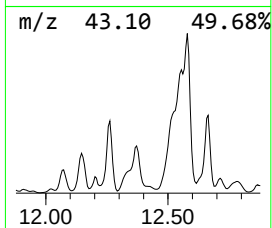
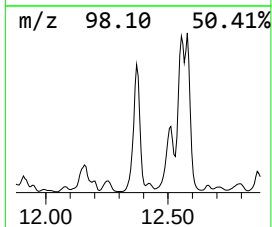
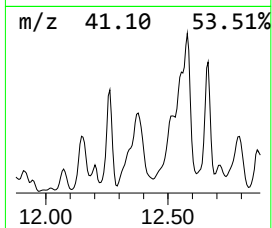
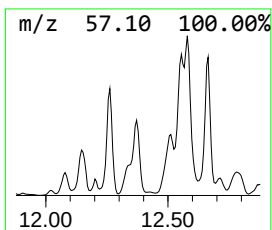
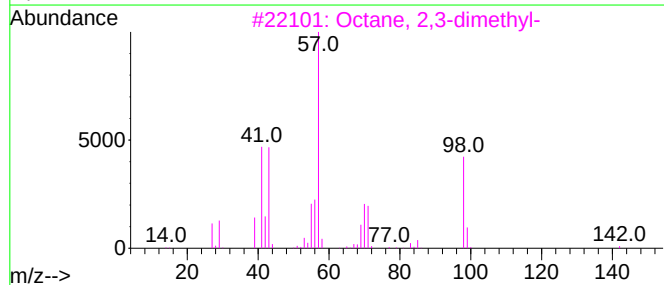
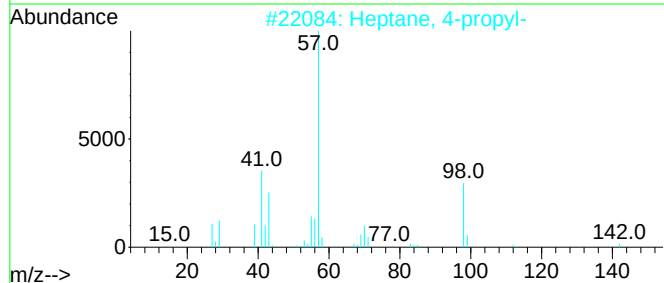
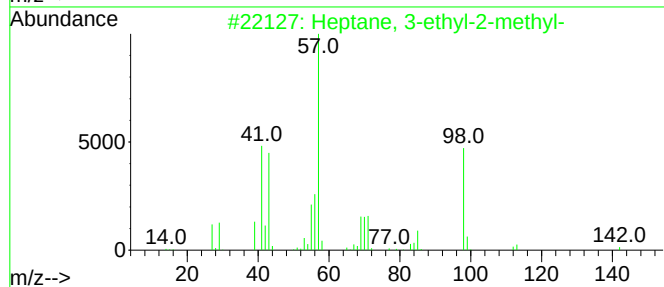
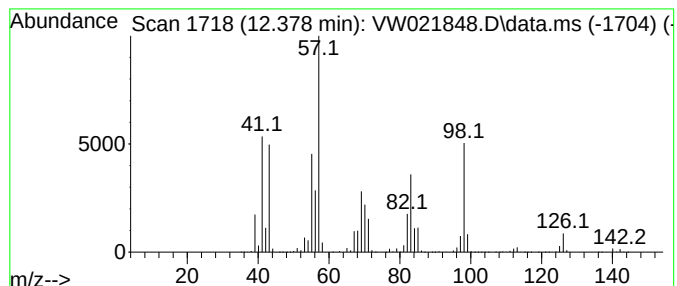
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.378	1428.14 ug/L	34649300	Chlorobenzene-d5	11.640	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	70
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	49
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
4	Cyclohexanone, 2-propyl-	140	C9H16O	000094-65-5	38
5	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

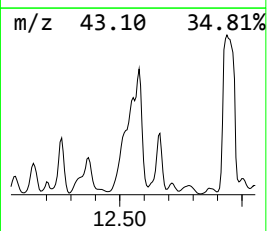
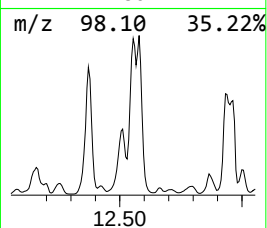
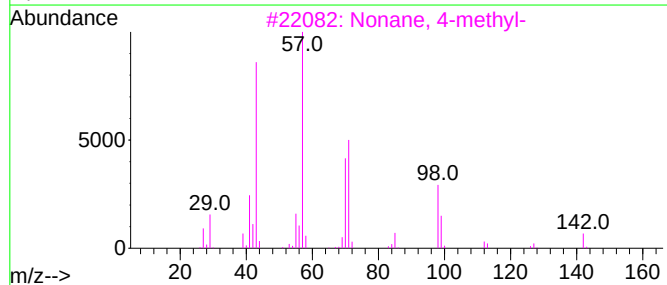
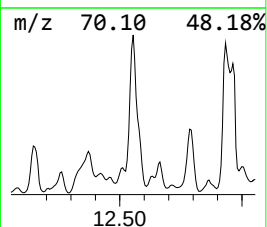
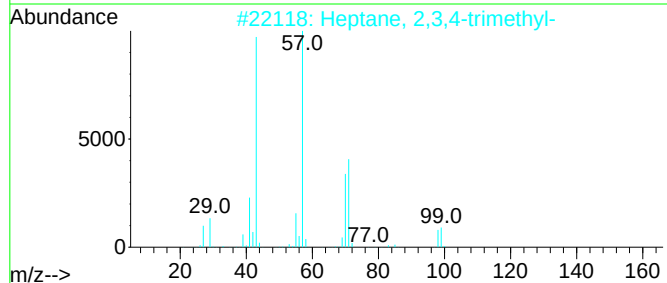
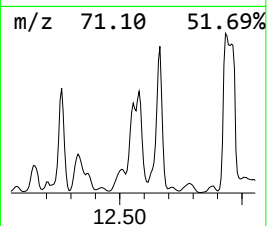
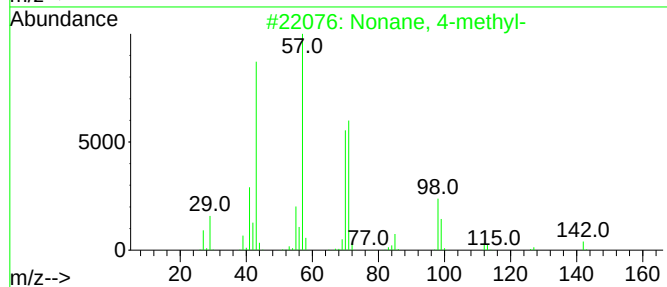
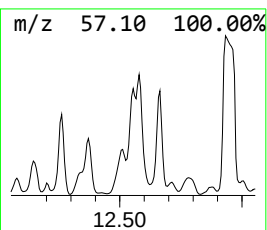
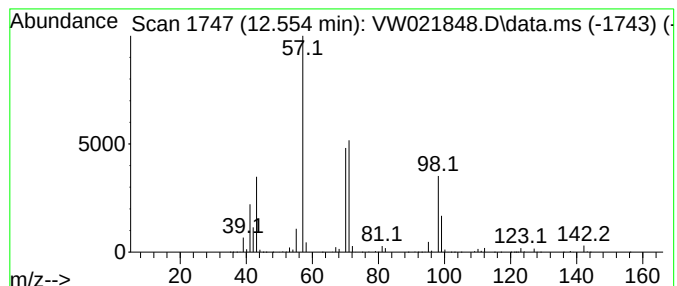
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.555	330.56 ug/L	8020000	Chlorobenzene-d5	11.640

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

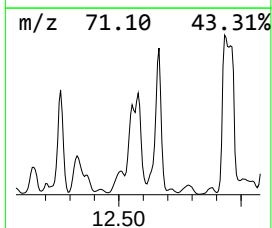
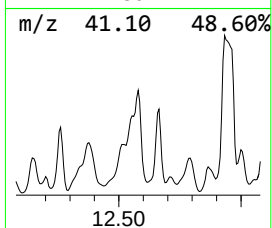
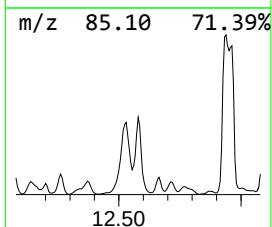
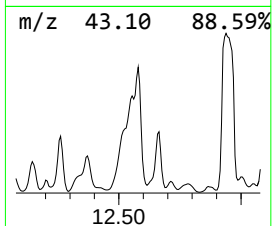
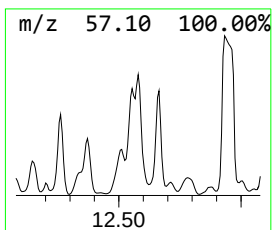
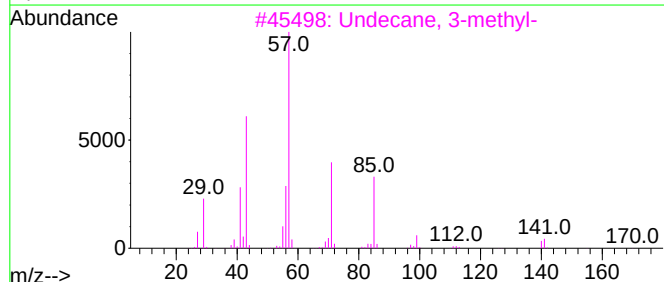
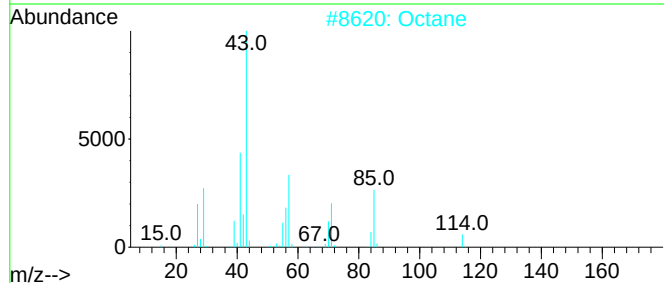
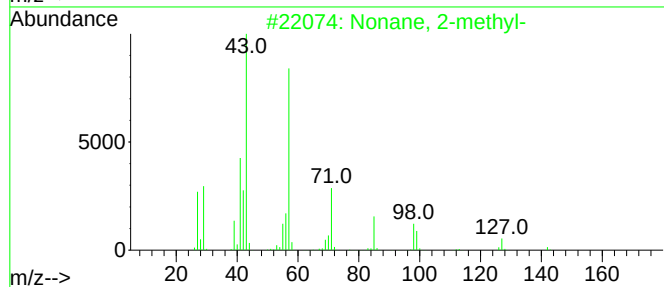
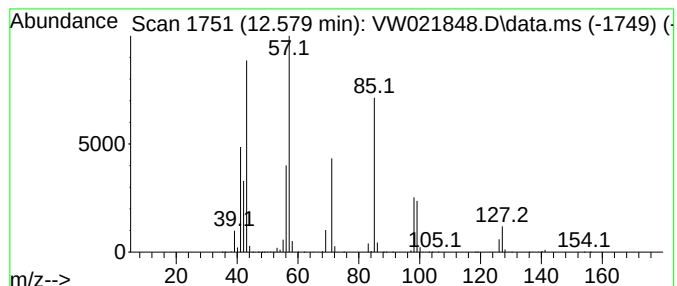
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.579	811.15 ug/L	19680000	Chlorobenzene-d5	11.640

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2-methyl-	142	C10H22	000871-83-0	59
2		Octane	114	C8H18	000111-65-9	59
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4		Octane	114	C8H18	000111-65-9	50
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

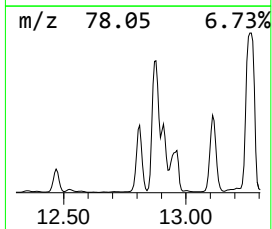
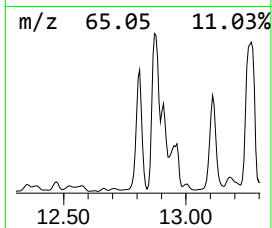
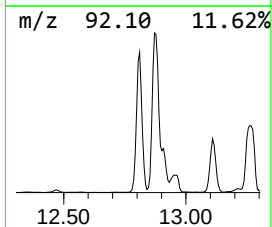
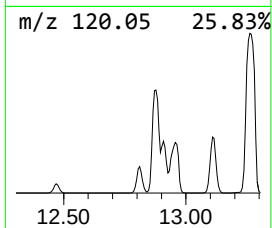
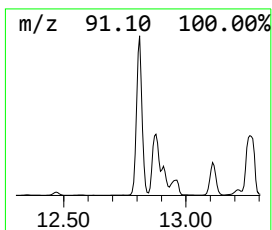
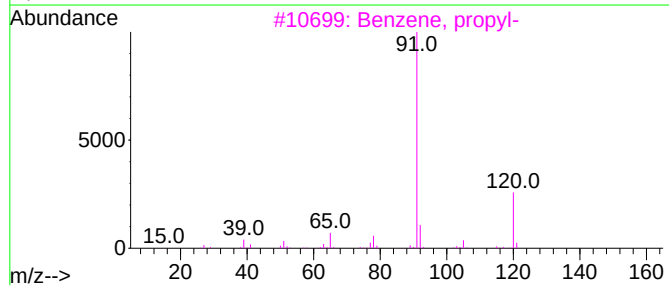
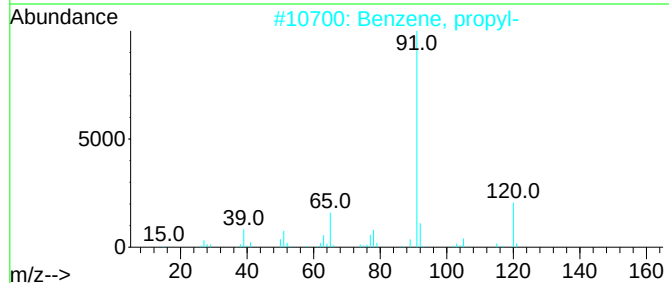
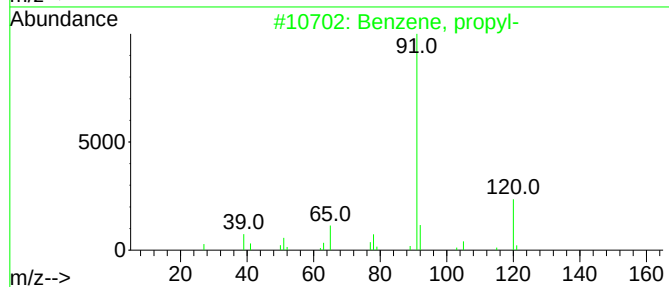
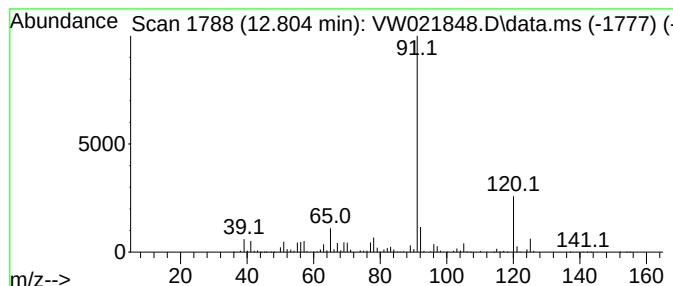
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	90.79 ug/L	29323100	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	81
4			Benzene, propyl-	120	C9H12	000103-65-1	81
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

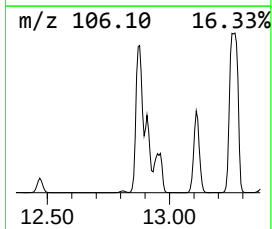
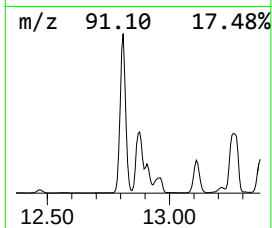
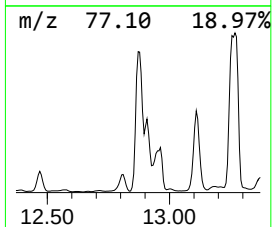
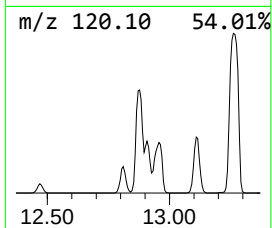
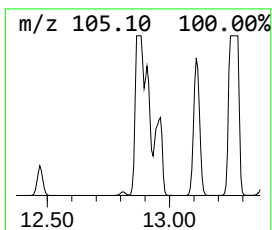
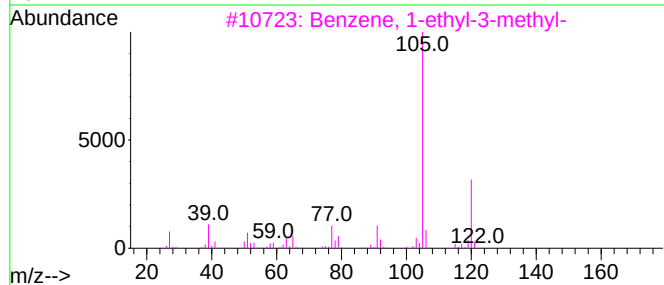
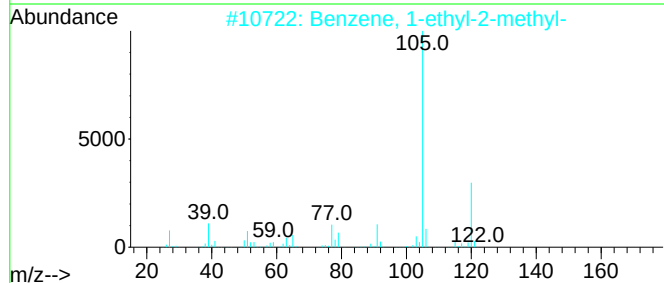
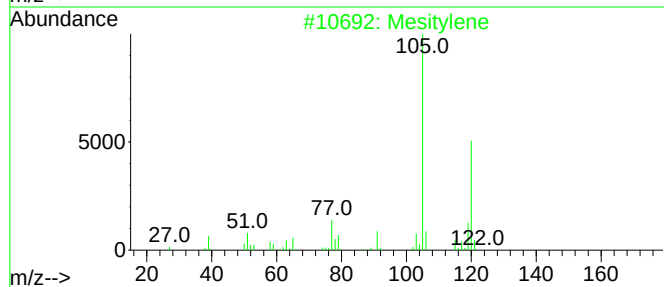
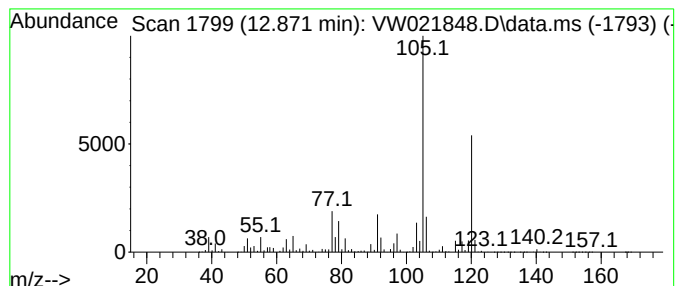
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Quant Title : SFAM01.0

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

Peak Number 33 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.871	219.82 ug/L	70998800	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	87
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

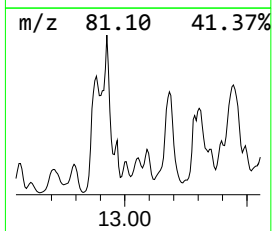
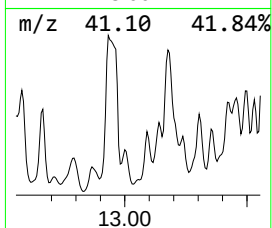
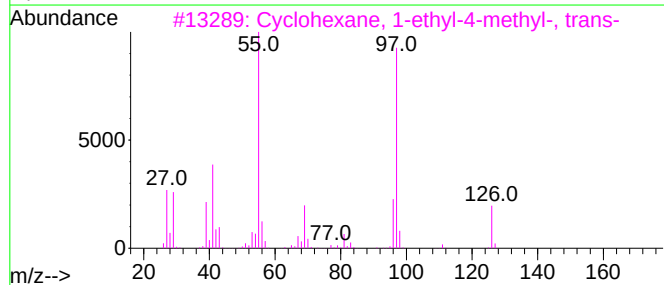
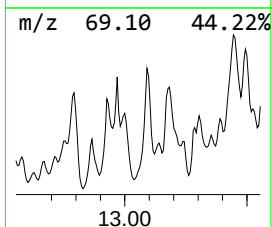
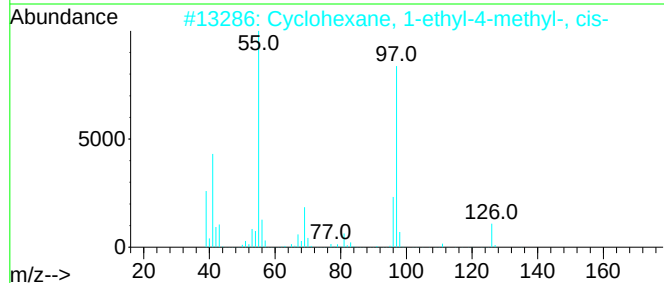
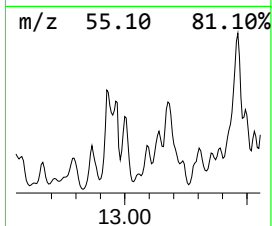
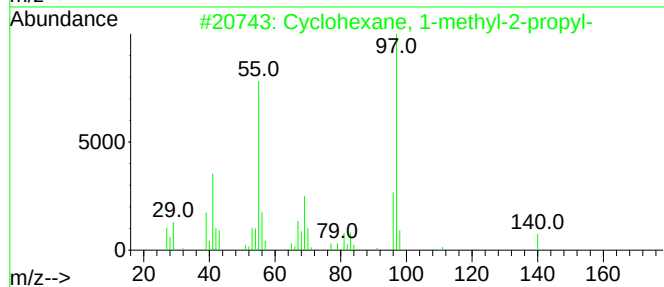
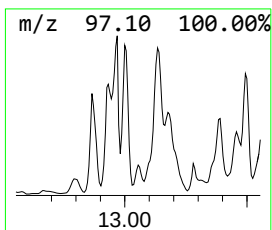
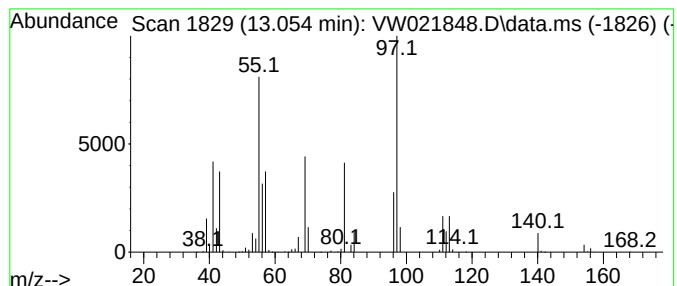
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Cyclic13.054 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.054	2.57 ug/L	831541	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

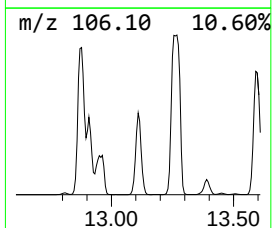
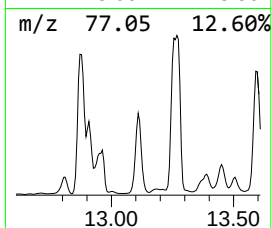
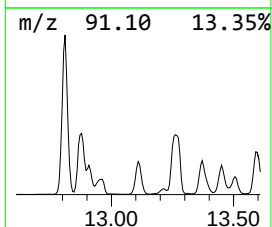
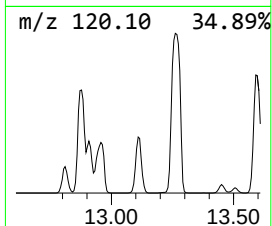
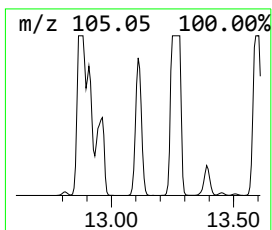
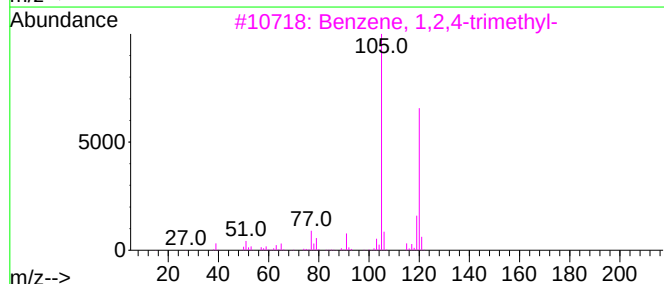
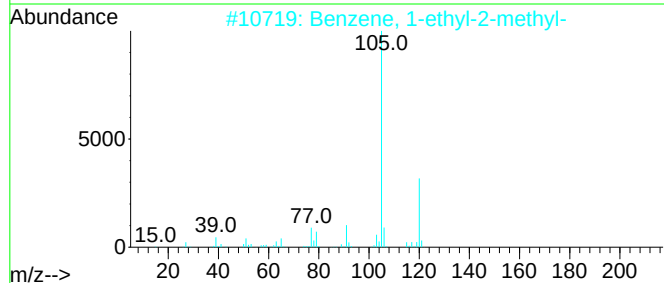
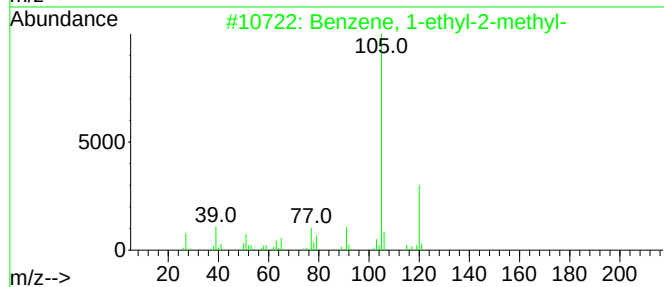
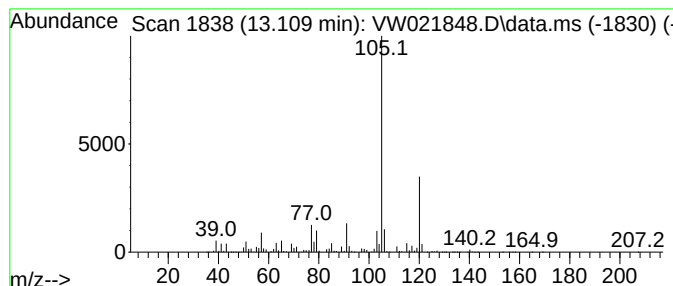
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Quant Title : SFAM01.0

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

Peak Number 35 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.109	165.60 ug/L	53486700	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

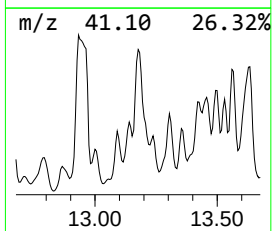
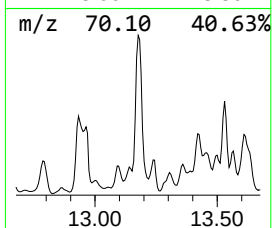
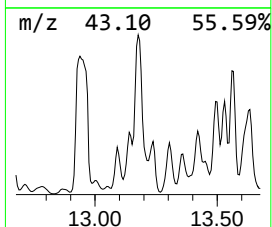
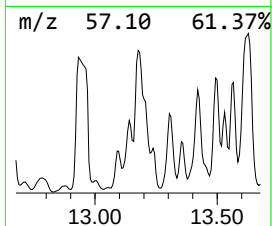
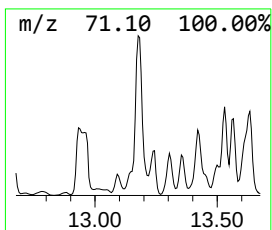
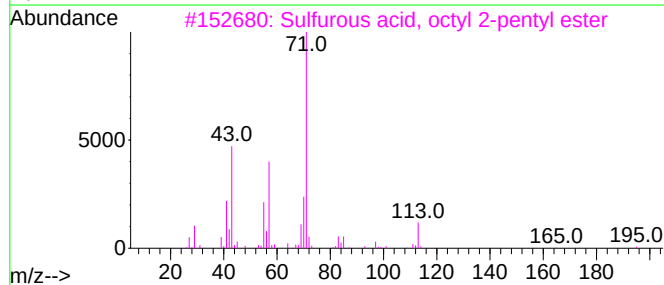
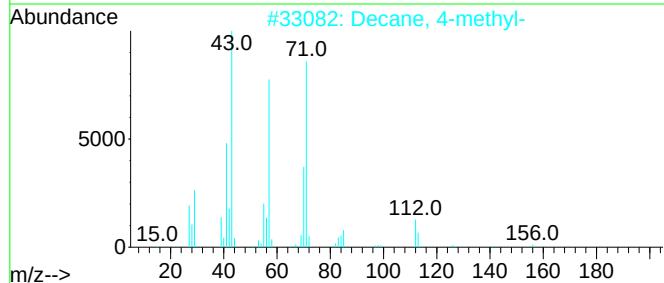
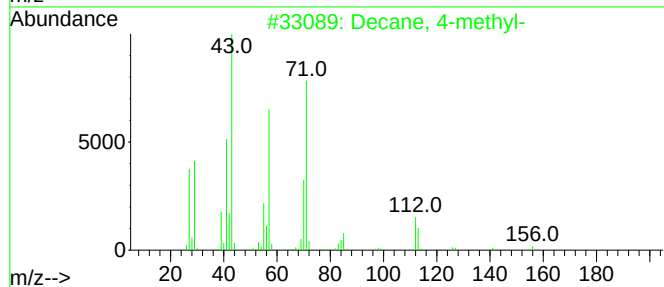
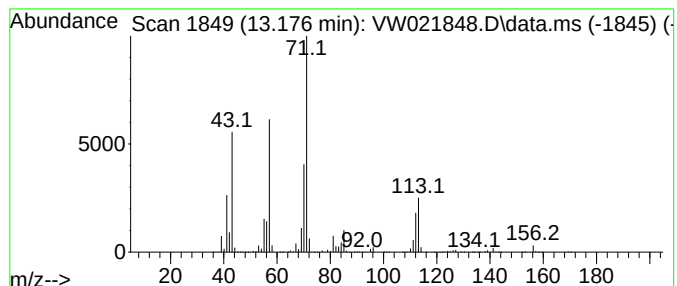
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.176	139.44 ug/L	45035200	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	90
2			Decane, 4-methyl-	156	C11H24	002847-72-5	83
3			Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	64
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

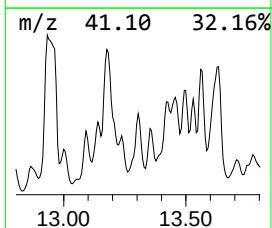
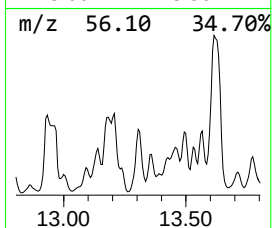
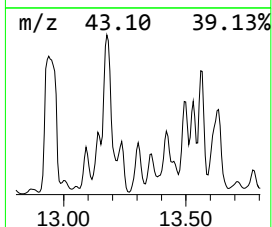
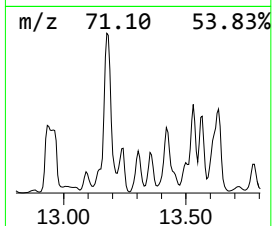
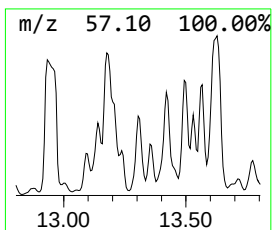
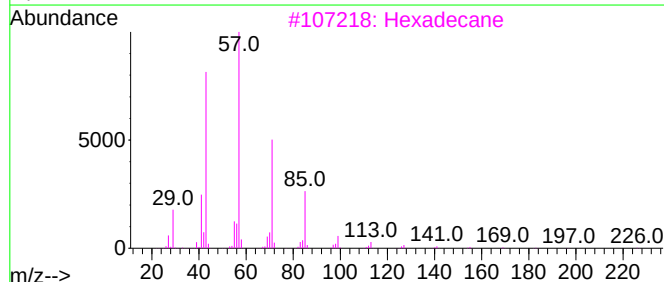
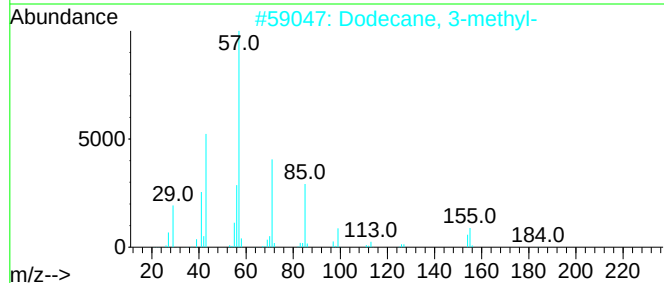
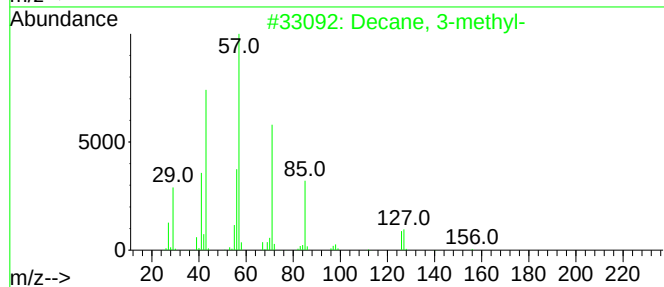
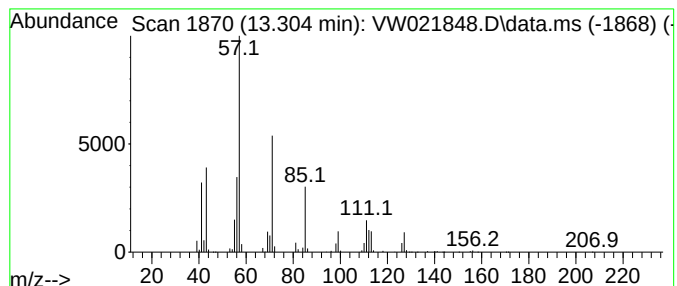
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	39.60 ug/L	12790600	1,4-Dichlorobenzene-d4	13.542

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	70
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3		Hexadecane	226	C16H34	000544-76-3	53
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

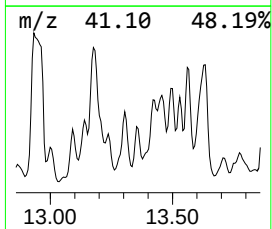
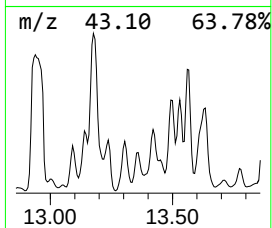
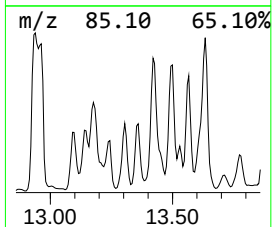
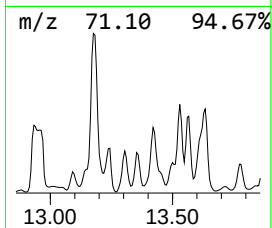
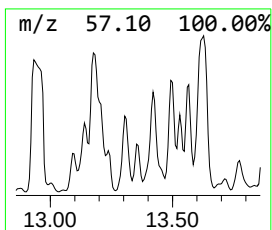
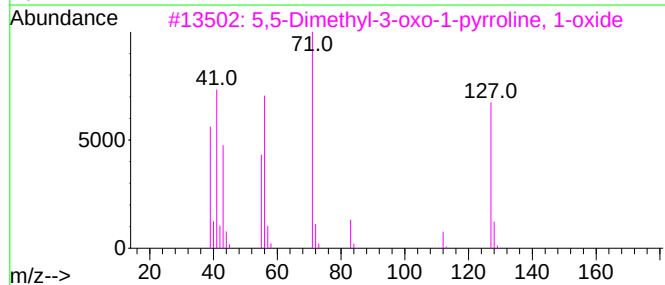
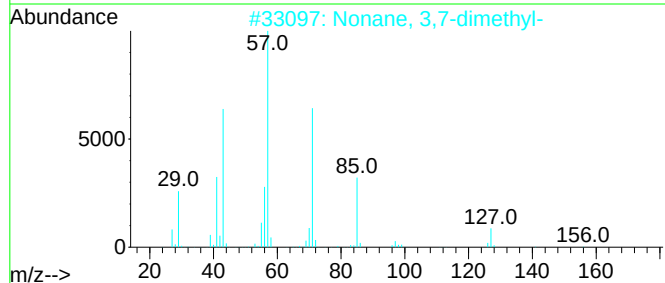
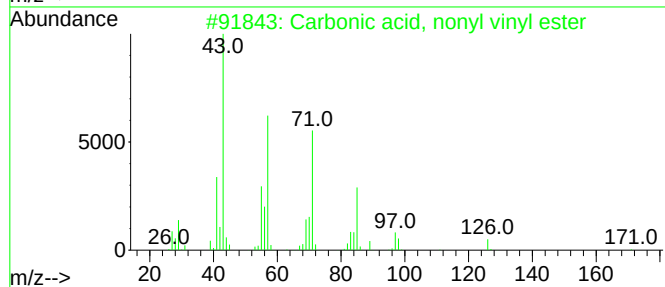
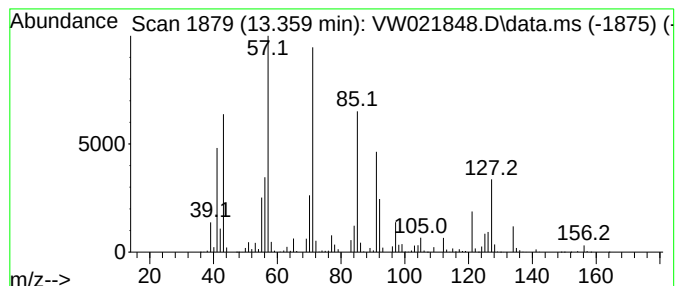
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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Quant Title : SFAM01.0

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

Peak Number 38 Carbonic acid, nonyl vinyl ... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.359	45.74 ug/L	14772900	1,4-Dichlorobenzene-d4	13.542	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	53
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
3	5,5-Dimethyl-3-oxo-1-pyrroline, ...	127	C6H9NO2	1000305-98-3	38
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	35
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

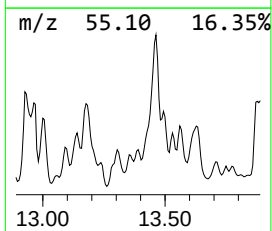
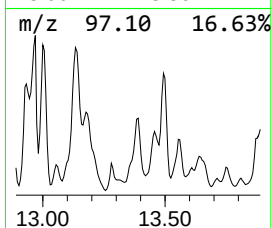
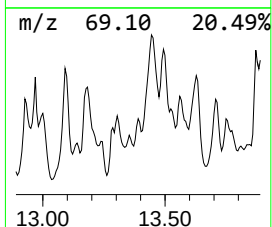
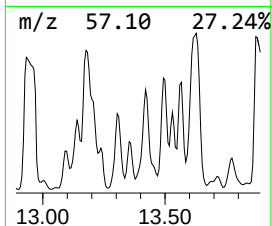
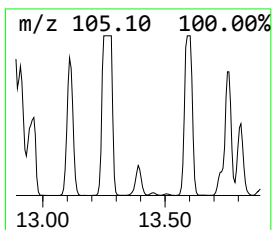
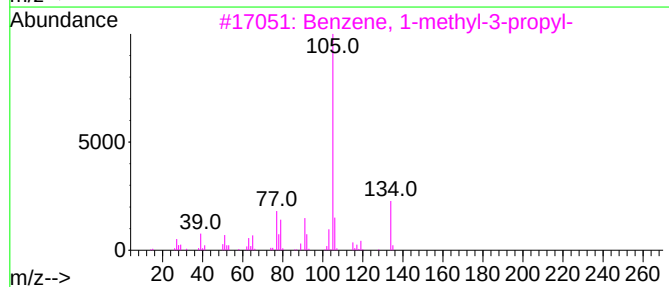
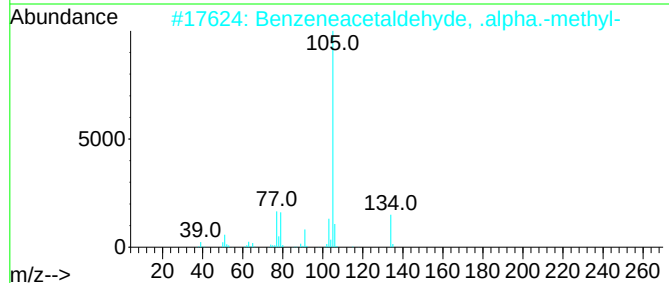
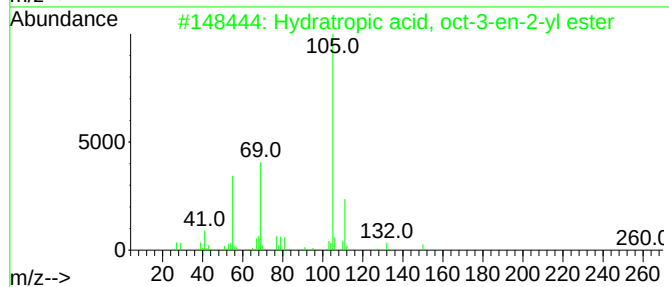
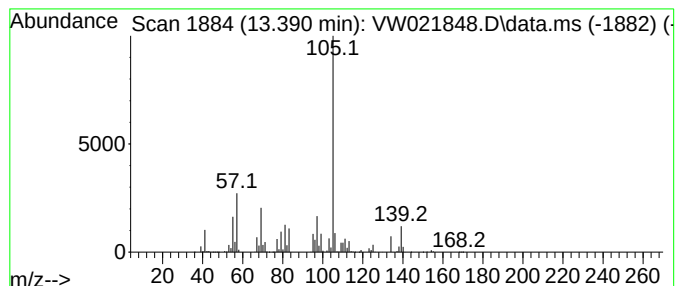
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Quant Title : SFAM01.0

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

Peak Number 39 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.390	6.50 ug/L	2098550	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydratropic acid, oct-3-en-2-yl ...	260	C17H24O2	1000406-95-7	25
2			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	18
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	17
4			Benzene, (2-ethenyl-1,4,4-trimet...	216	C16H24	074810-76-7	17
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

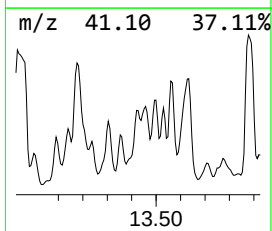
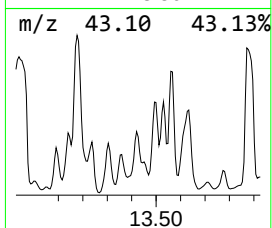
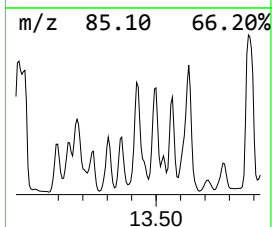
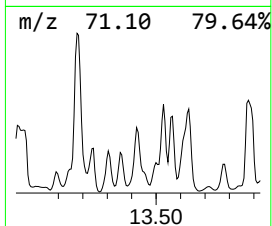
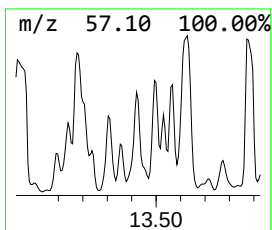
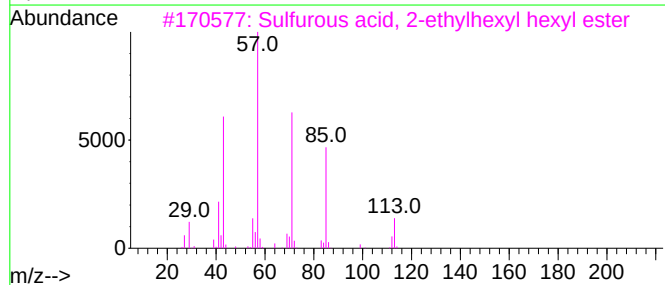
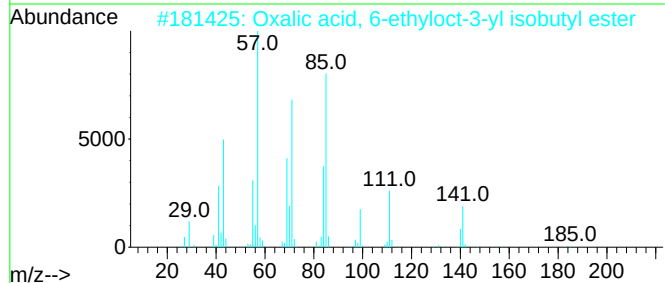
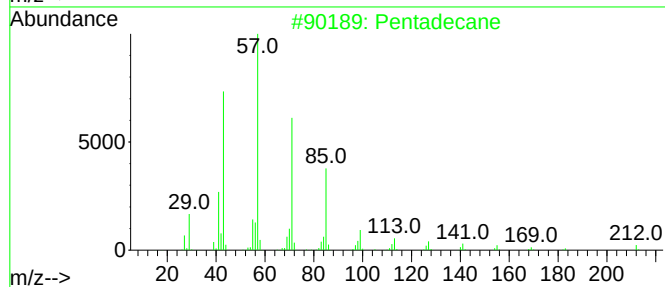
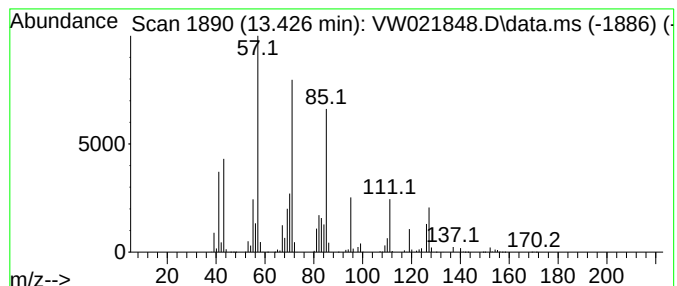
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.426	44.33 ug/L	14317500	1,4-Dichlorobenzene-d4			13.542
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	50
2	Oxalic acid, 6-ethyloct-3-yl iso...		286	C16H30O4	1010309-34-1	47
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	43
4	Succinic acid, hex-4-yn-3-yl tet...		282	C15H22O5	1000390-71-7	43
5	Nonane, 5-(2-methylpropyl)-		184	C13H28	062185-53-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

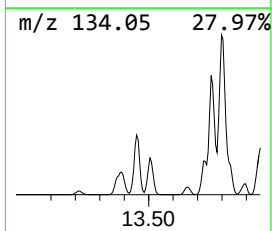
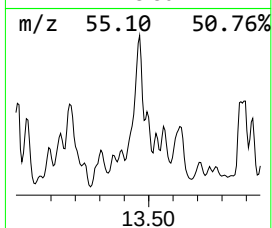
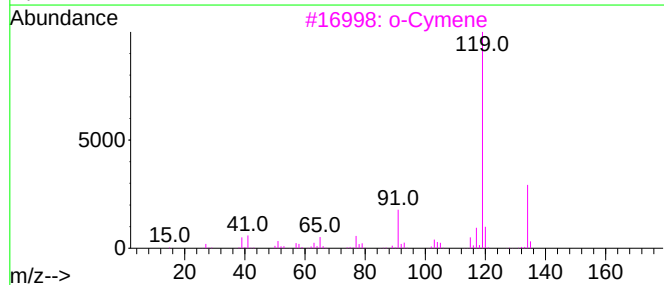
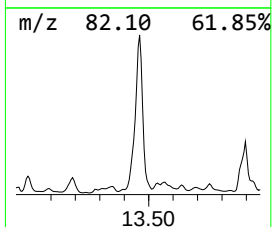
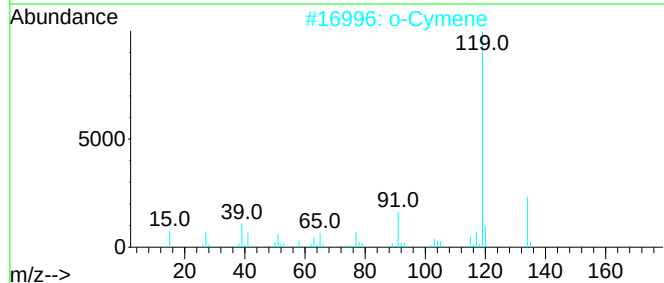
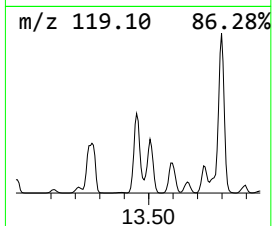
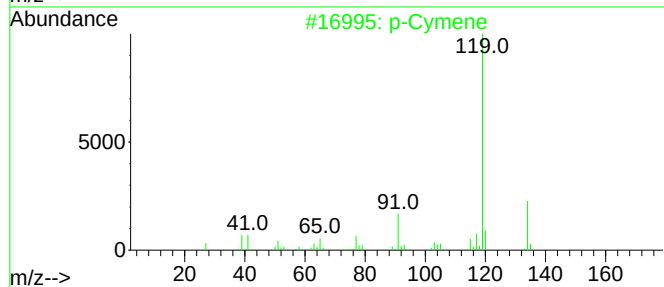
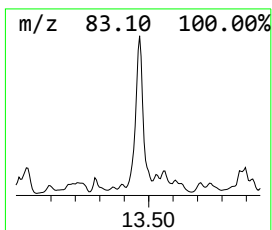
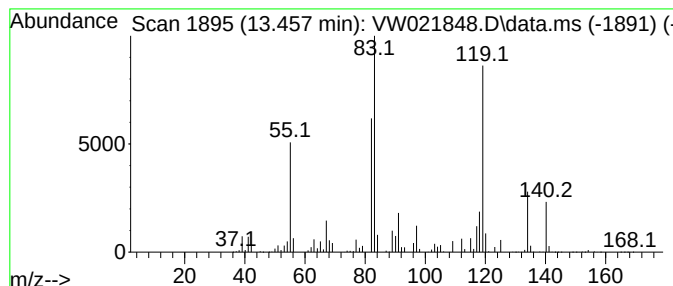
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Quant Title : SFAM01.0

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

Peak Number 41 p-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	62.46 ug/L	20173600	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	80
2			o-Cymene	134	C10H14	000527-84-4	80
3			o-Cymene	134	C10H14	000527-84-4	80
4			o-Cymene	134	C10H14	000527-84-4	80
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

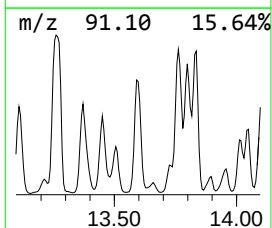
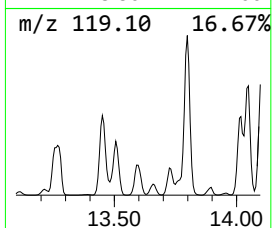
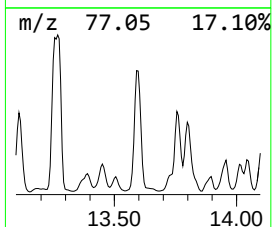
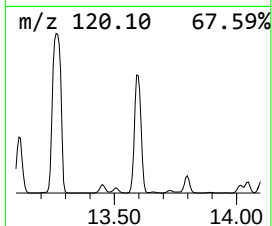
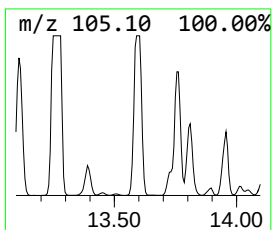
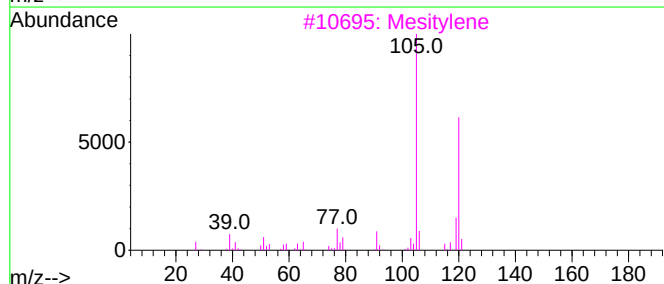
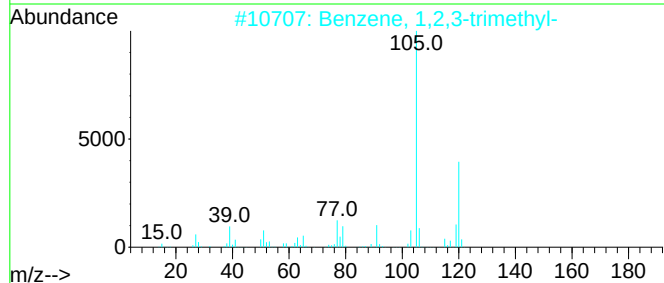
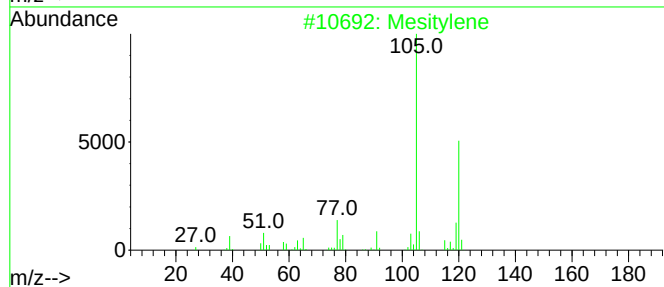
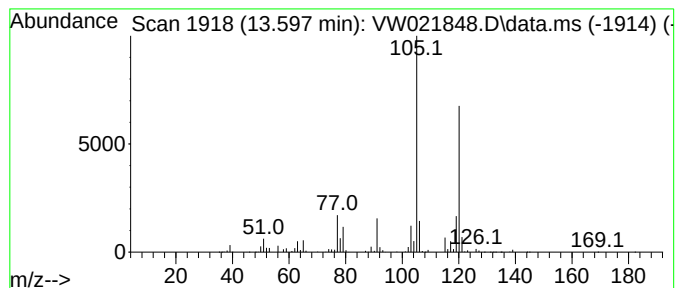
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Quant Title : SFAM01.0

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

Peak Number 42 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.597	113.24 ug/L	36574600	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	96
3			Mesitylene	120	C9H12	000108-67-8	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

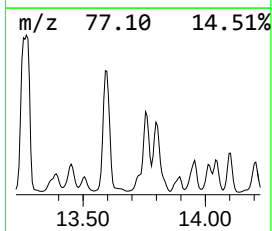
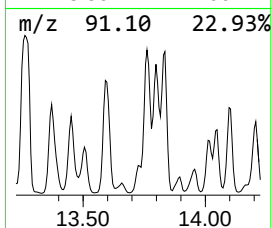
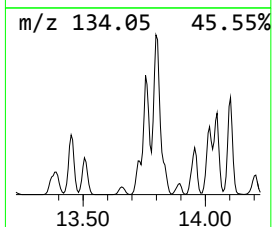
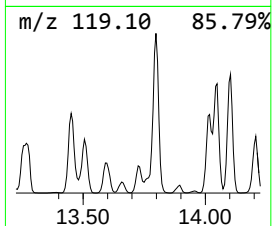
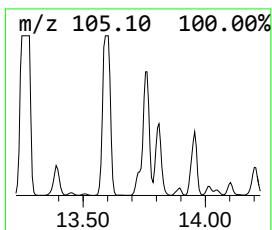
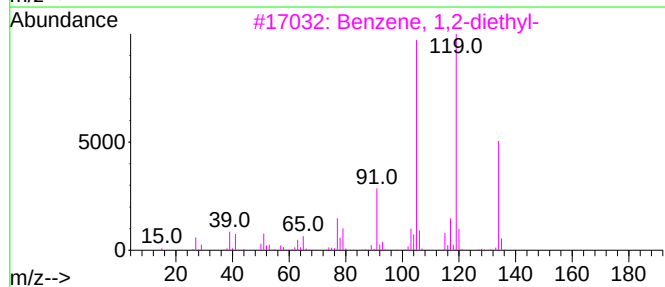
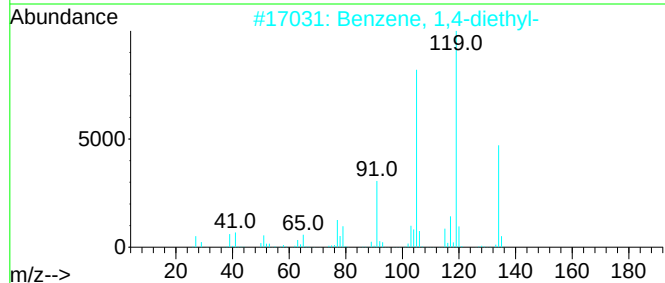
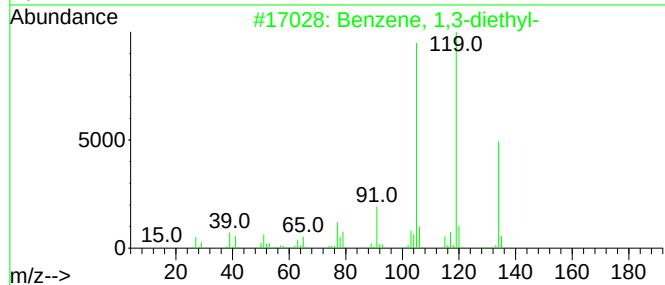
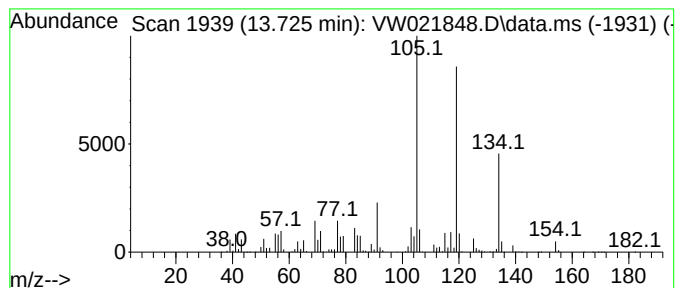
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Quant Title : SFAM01.0

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

Peak Number 43 Benzene, 1,3-diethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.725	37.00 ug/L	11951400	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

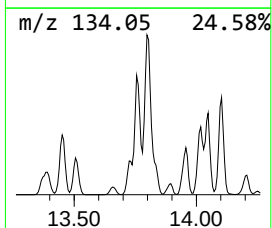
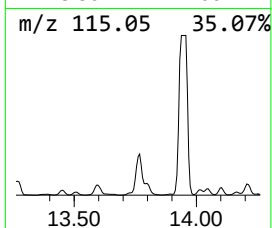
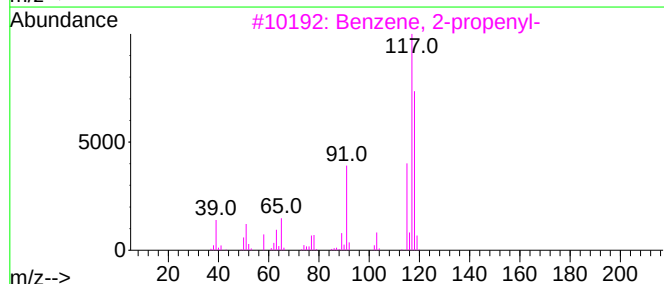
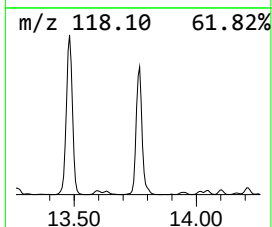
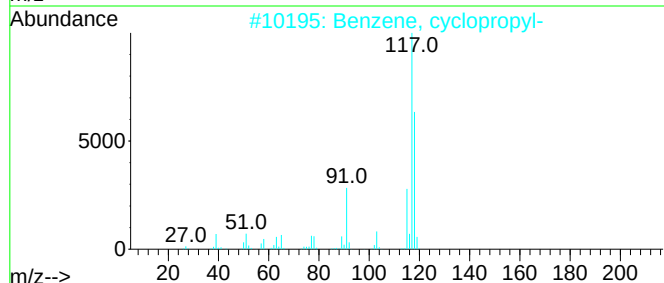
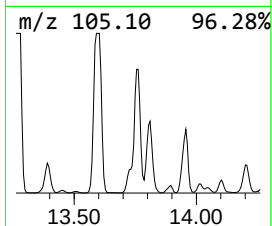
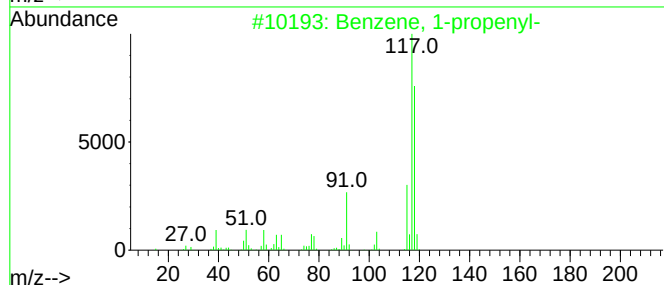
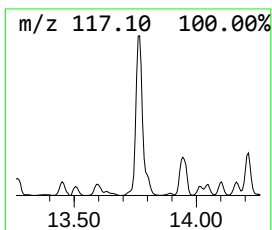
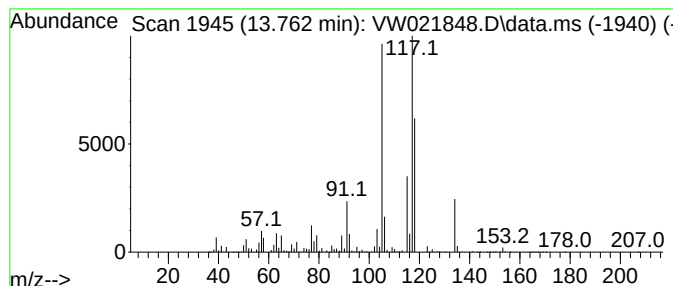
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Quant Title : SFAM01.0

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

Peak Number 44 Benzene, 1-propenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.762	221.09 ug/L	71408300	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5			Indane	118	C9H10	000496-11-7	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

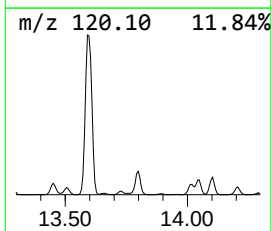
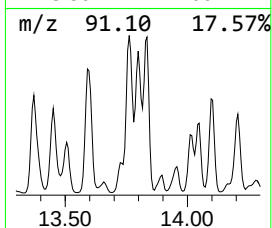
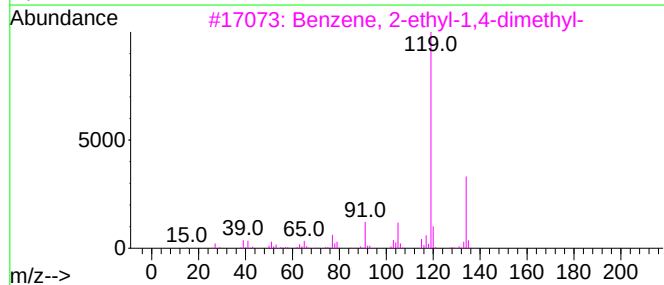
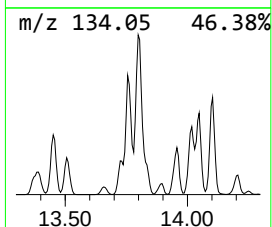
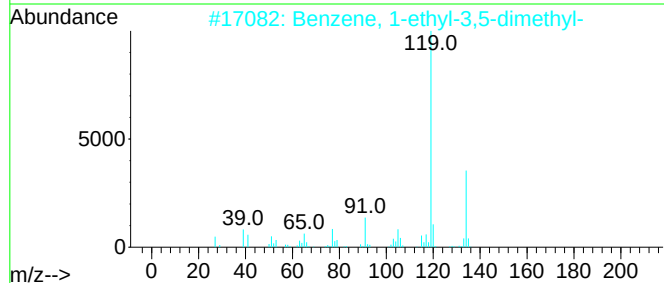
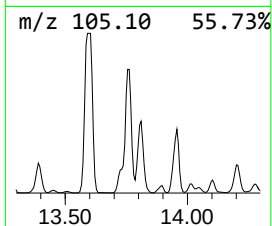
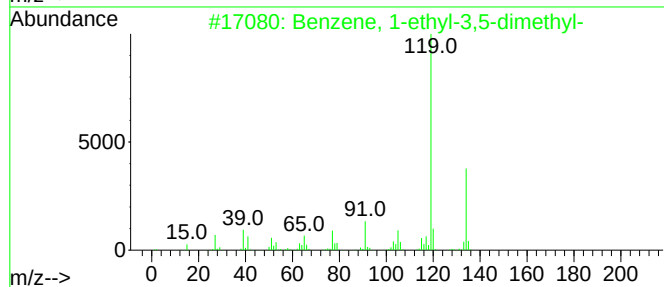
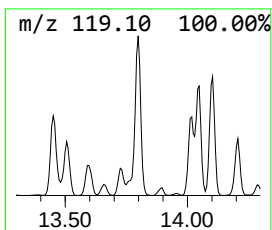
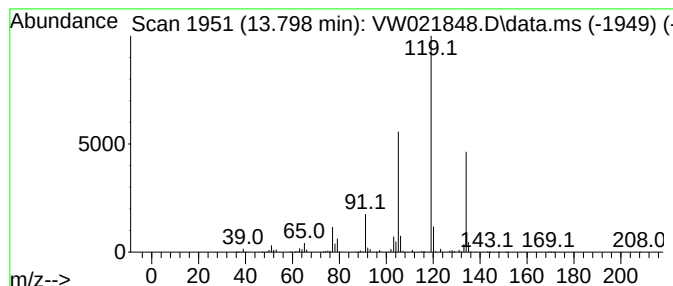
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Quant Title : SFAM01.0

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

Peak Number 45 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	135.31 ug/L	43701200	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

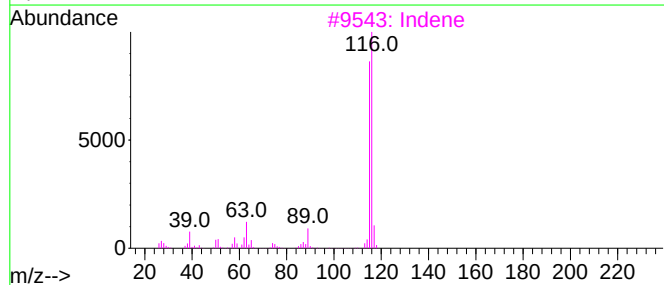
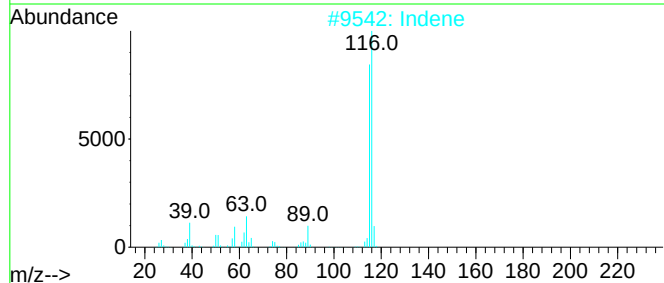
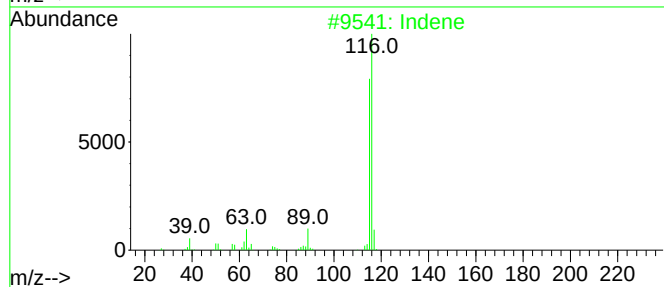
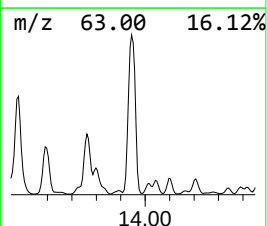
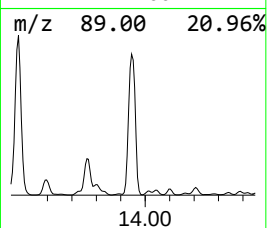
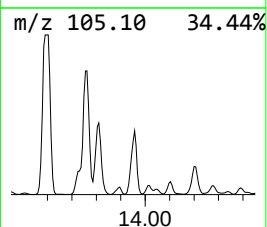
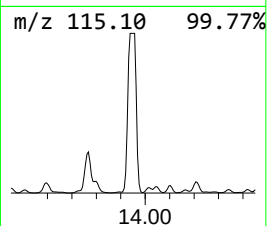
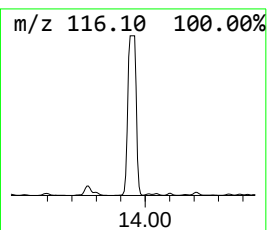
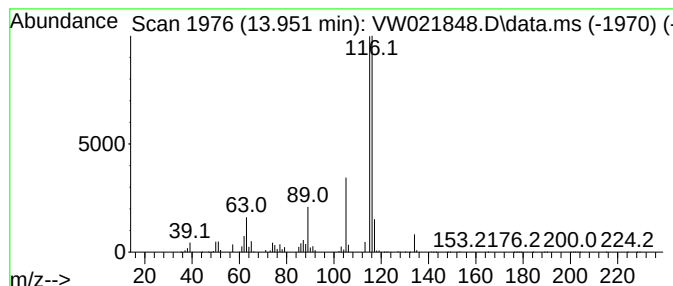
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Quant Title : SFAM01.0

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

Peak Number 46 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	290.71 ug/L	93892600	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			Indene	116	C9H8	000095-13-6	83
3			Indene	116	C9H8	000095-13-6	81
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	64
5			Benzene, 1-propynyl-	116	C9H8	000673-32-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

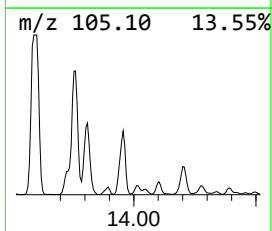
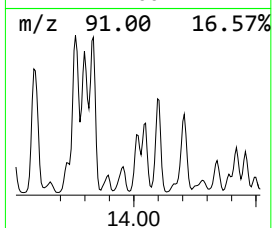
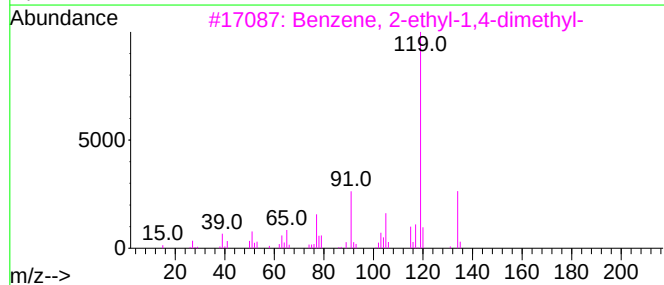
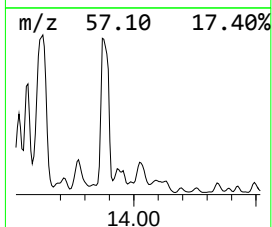
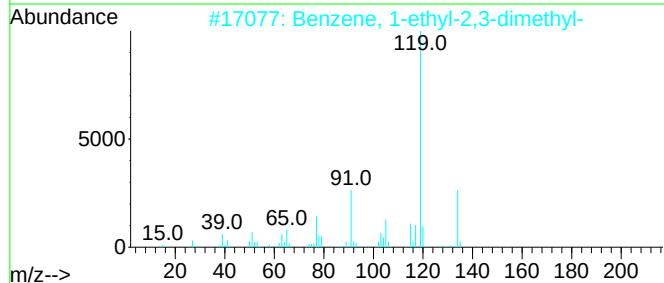
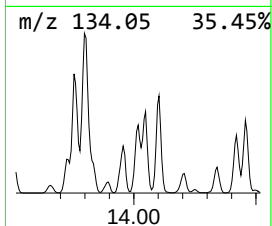
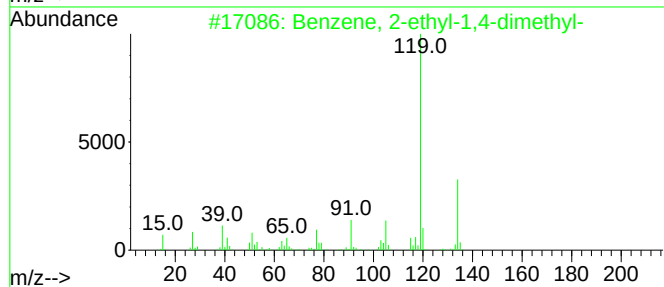
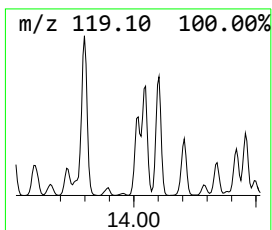
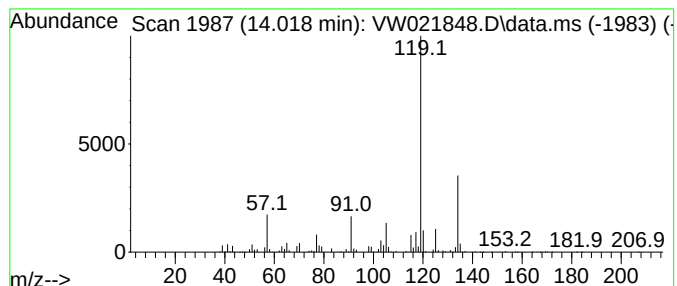
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Quant Title : SFAM01.0

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

Peak Number 47 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.018	75.20 ug/L	24289300	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

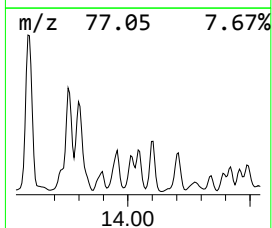
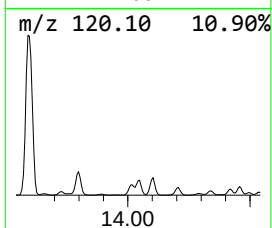
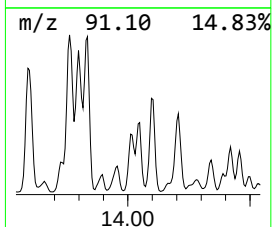
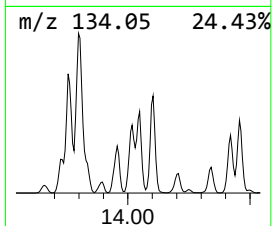
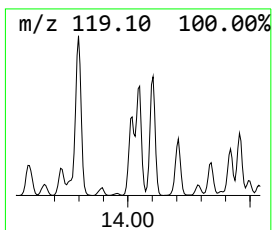
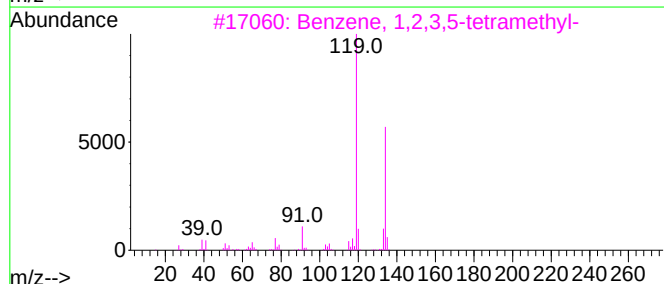
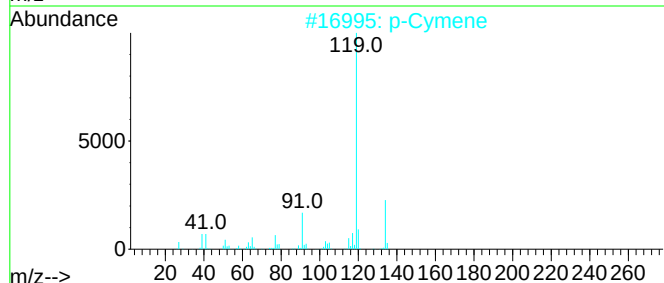
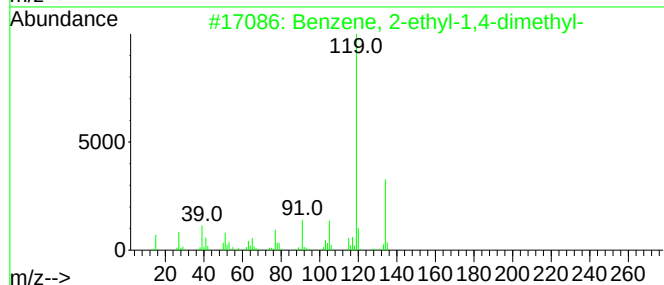
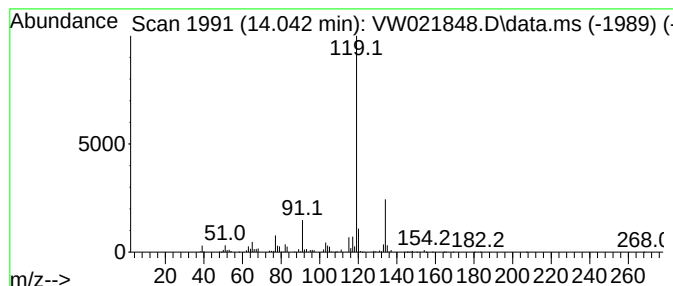
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Quant Title : SFAM01.0

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

Peak Number 48 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	81.72 ug/L	26394800	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			p-Cymene	134	C10H14	000099-87-6	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

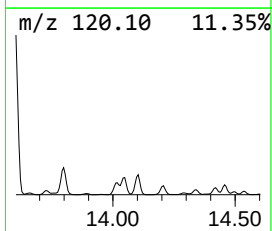
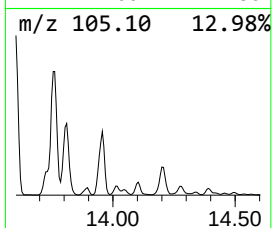
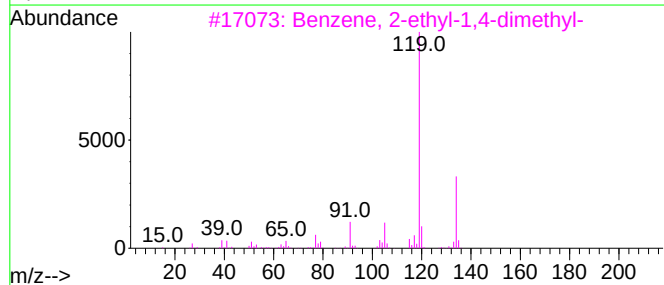
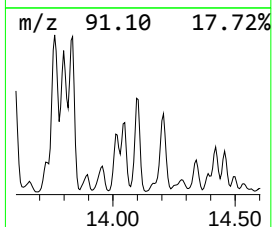
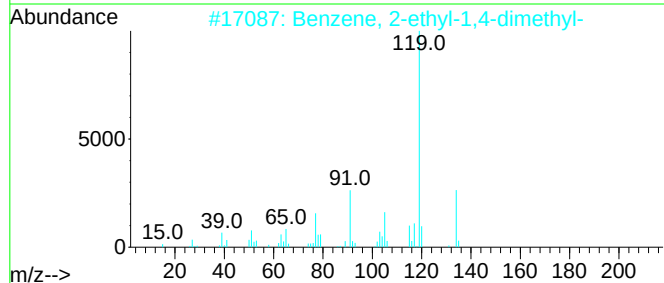
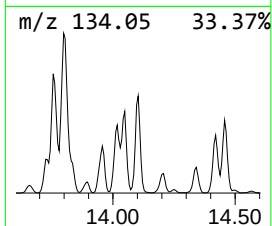
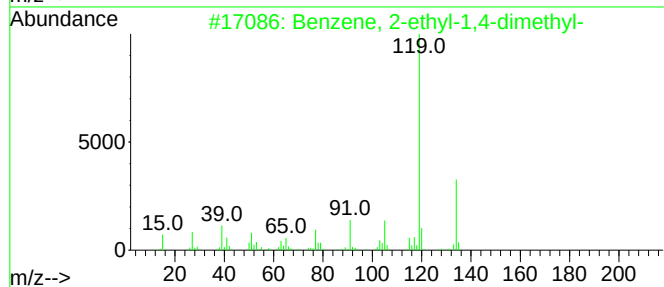
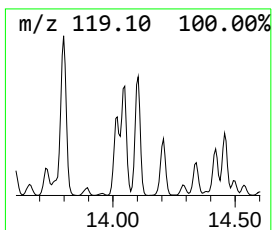
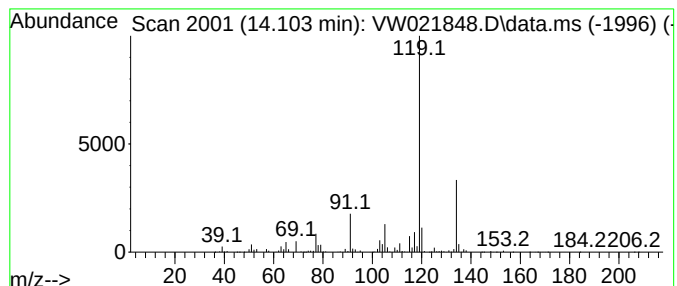
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Quant Title : SFAM01.0

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

Peak Number 49 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.103	97.24 ug/L	31406200	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

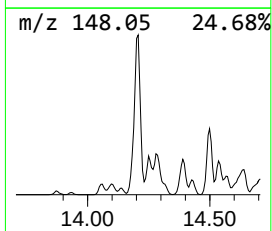
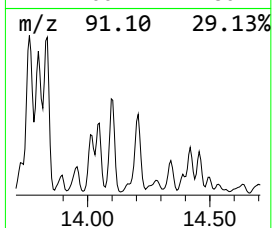
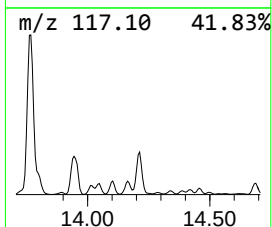
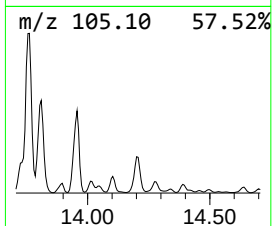
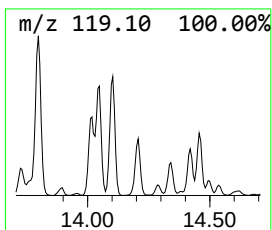
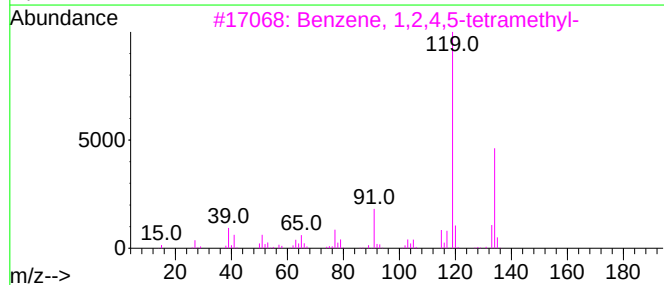
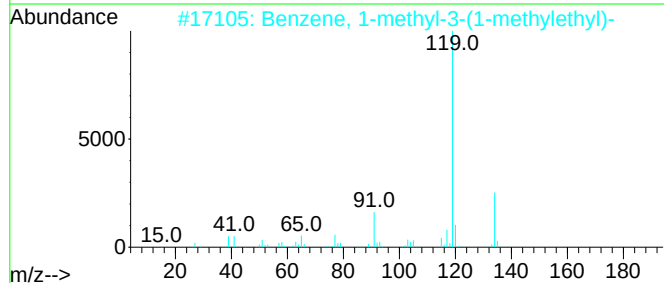
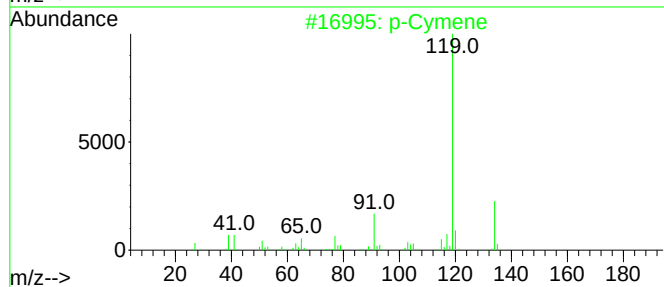
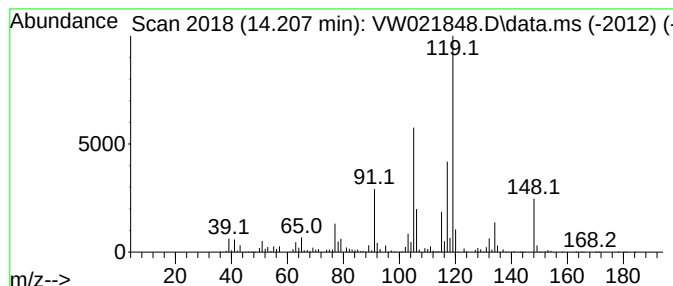
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Quant Title : SFAM01.0

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

Peak Number 50 Benzene, 1-methyl-3-(1-meth... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	60.49 ug/L	19536100	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	55
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
4			o-Cymene	134	C10H14	000527-84-4	49
5			o-Cymene	134	C10H14	000527-84-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

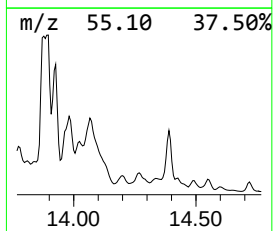
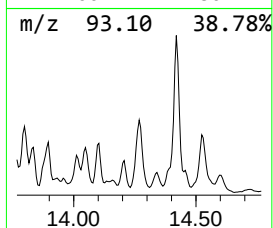
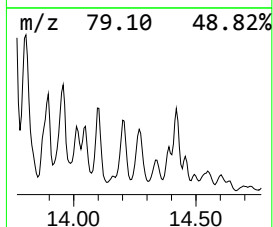
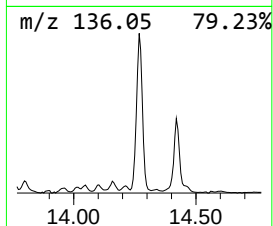
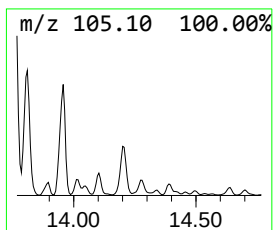
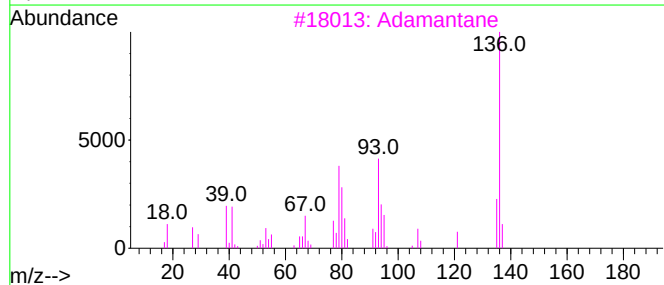
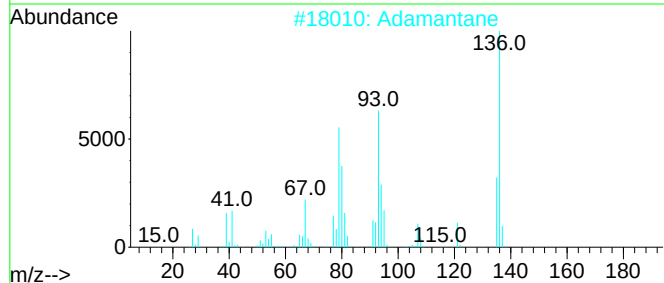
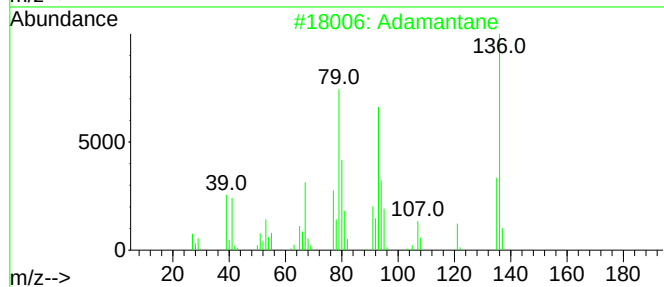
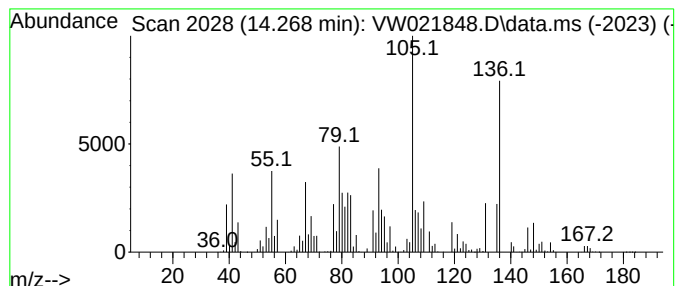
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Quant Title : SFAM01.0

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

Peak Number 51 Adamantane Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.268	20.91 ug/L	6753720	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	94
2	Adamantane			136	C10H16	000281-23-2	76
3	Adamantane			136	C10H16	000281-23-2	64
4	Adamantane			136	C10H16	000281-23-2	64
5	Adamantane			136	C10H16	000281-23-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

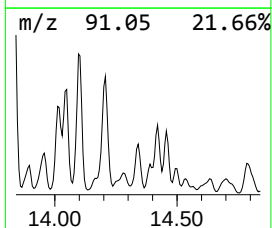
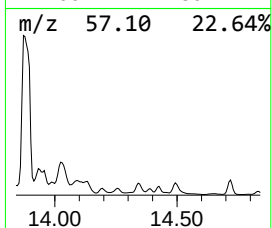
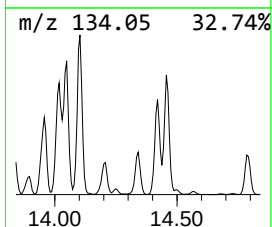
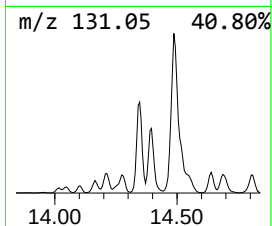
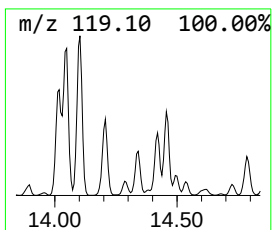
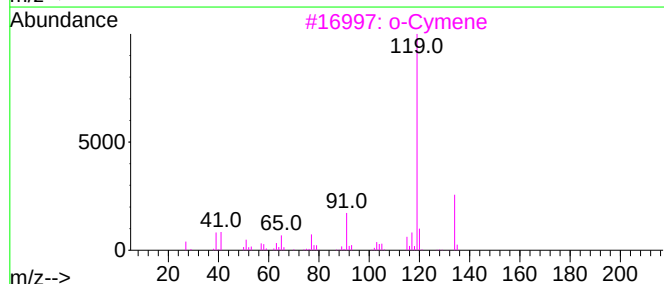
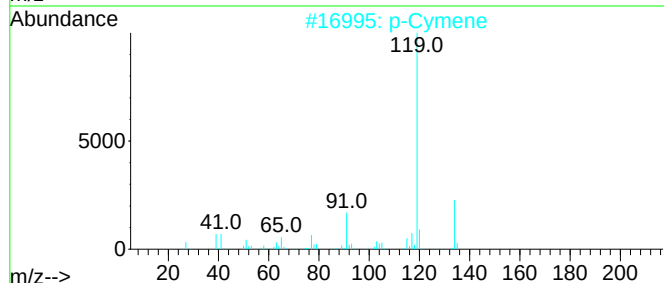
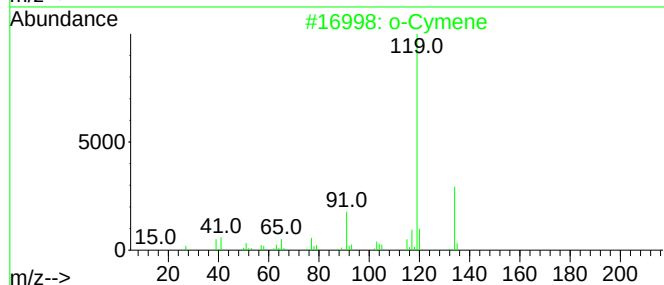
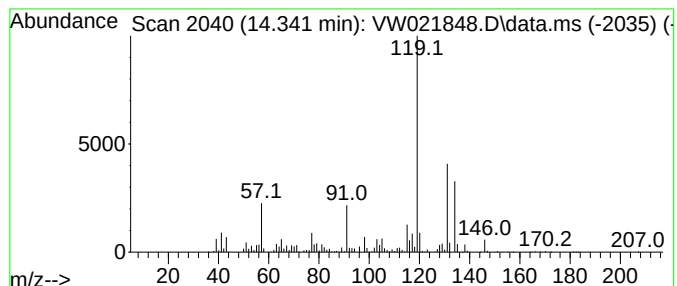
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Quant Title : SFAM01.0

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

Peak Number 52 o-Cymene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	28.49 ug/L	9201600	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			p-Cymene	134	C10H14	000099-87-6	91
3			o-Cymene	134	C10H14	000527-84-4	91
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

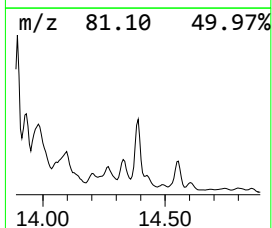
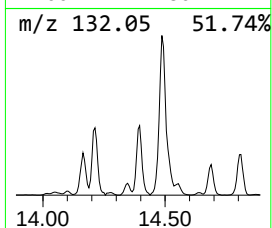
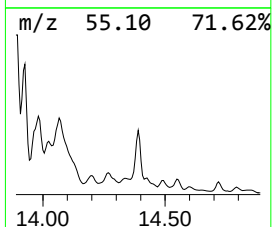
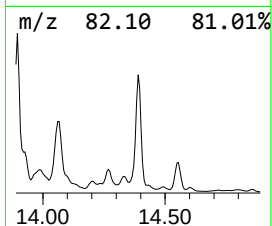
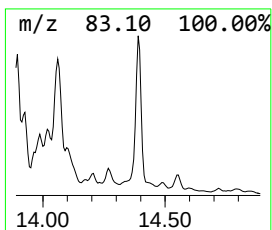
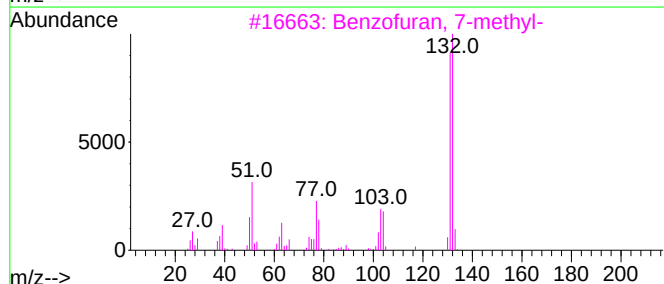
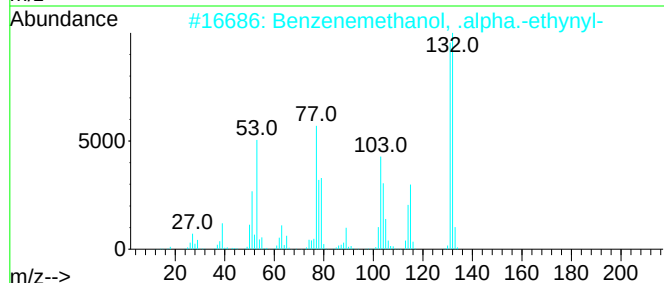
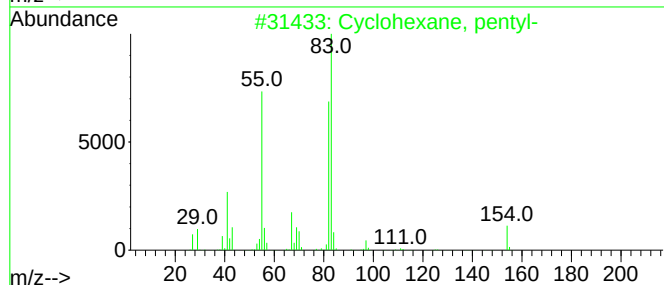
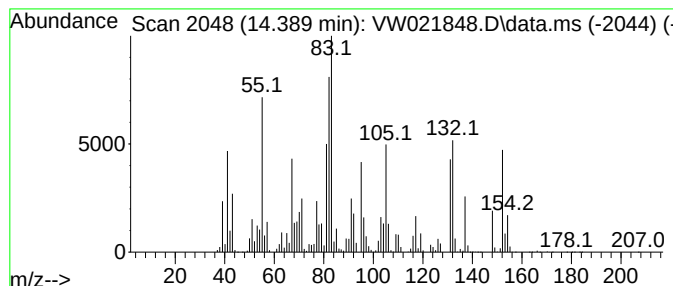
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Cyclic14.390 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	45.22 ug/L	14605800	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	30
2			Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	25
3			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	25
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	22
5			1H-Indenol	132	C9H8O	056631-57-3	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

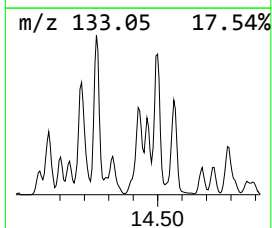
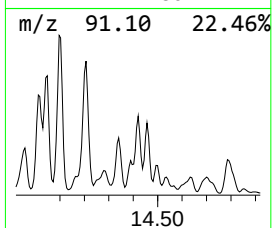
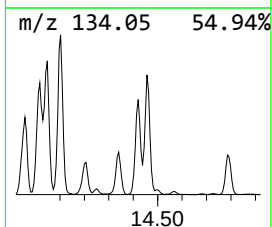
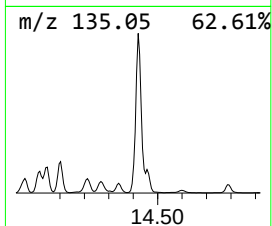
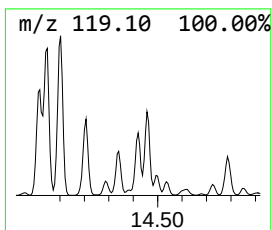
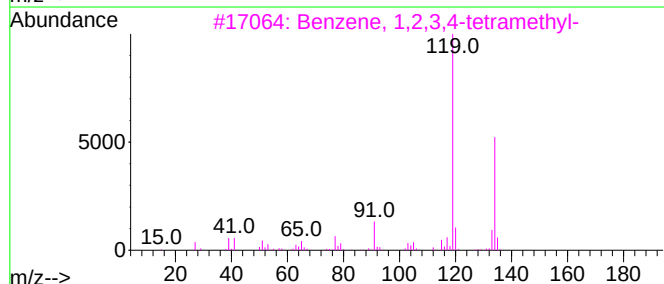
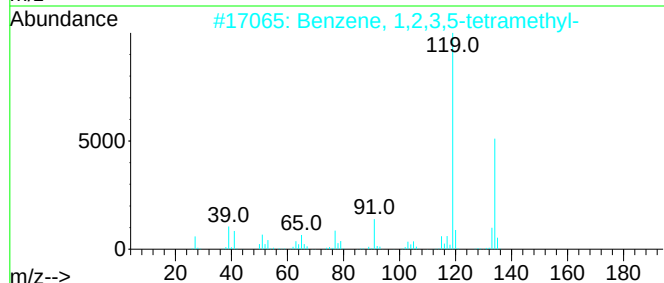
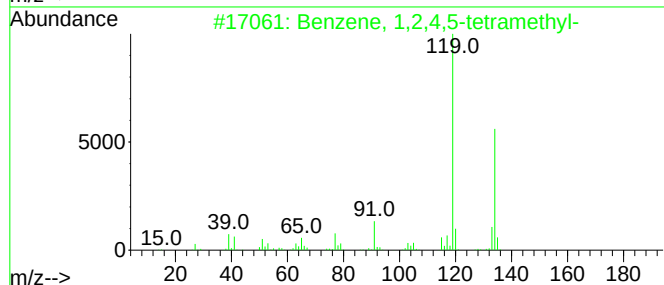
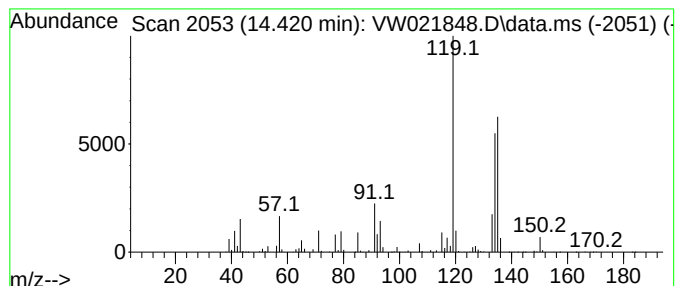
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Quant Title : SFAM01.0

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

Peak Number 54 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	33.68 ug/L	10876700	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	68
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	68
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	68
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

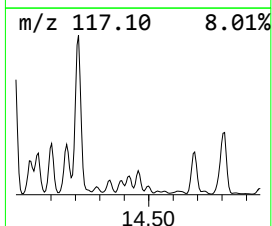
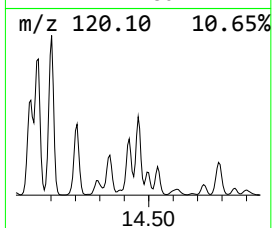
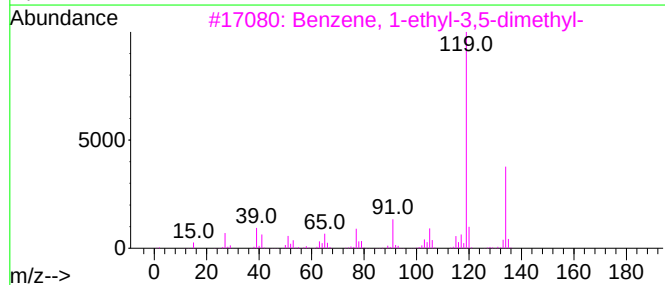
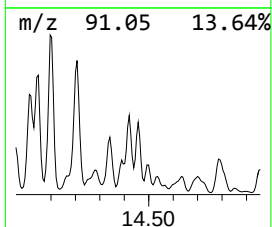
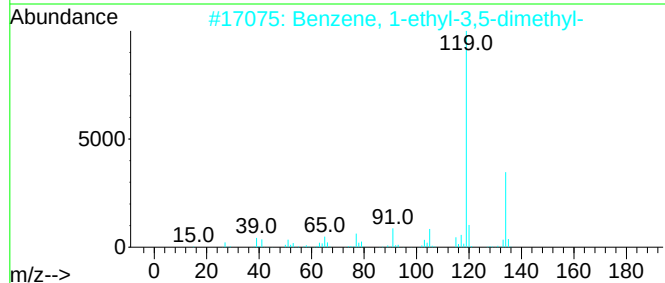
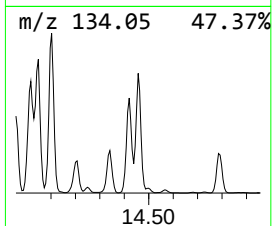
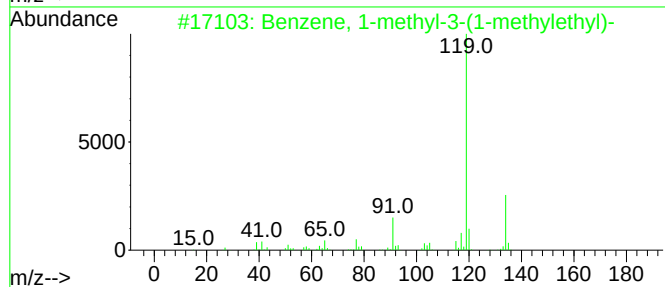
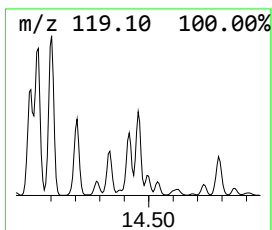
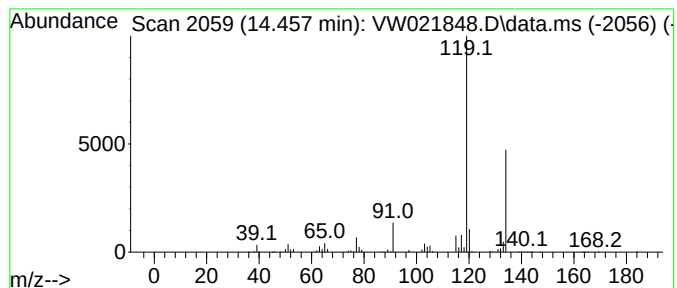
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Quant Title : SFAM01.0

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

Peak Number 55 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	29.85 ug/L	9642150	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

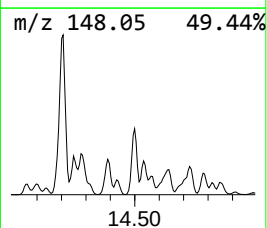
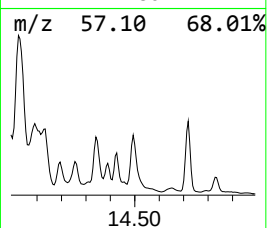
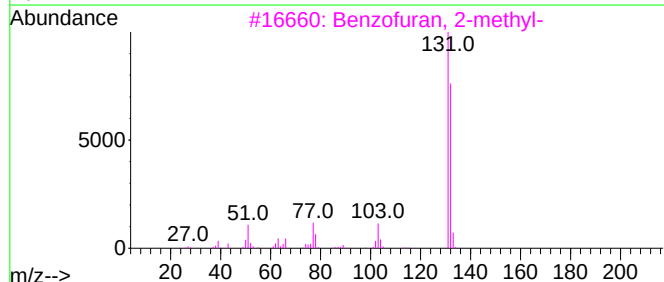
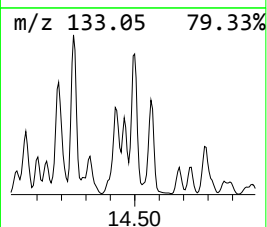
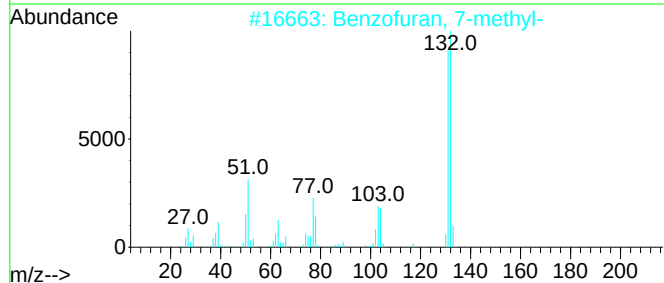
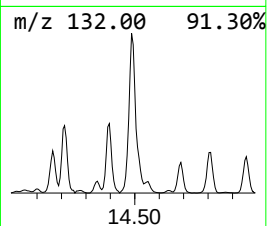
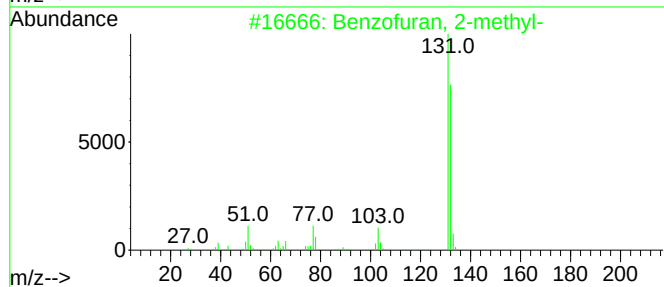
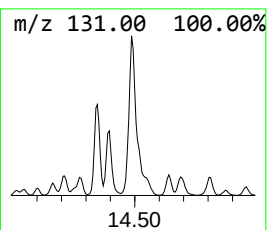
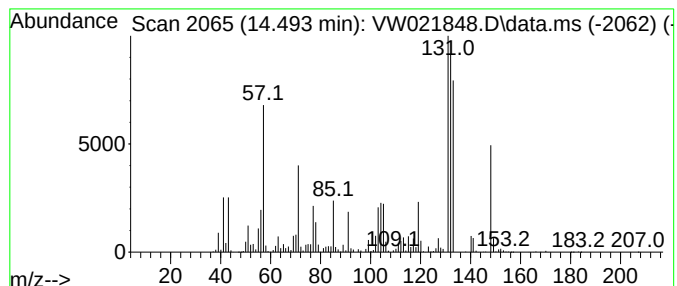
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Quant Title : SFAM01.0

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

Peak Number 56 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	30.56 ug/L	9870030	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	46
2			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	46
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	46
4			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	41
5			4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

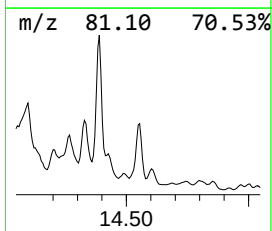
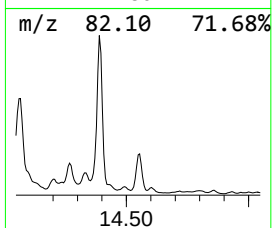
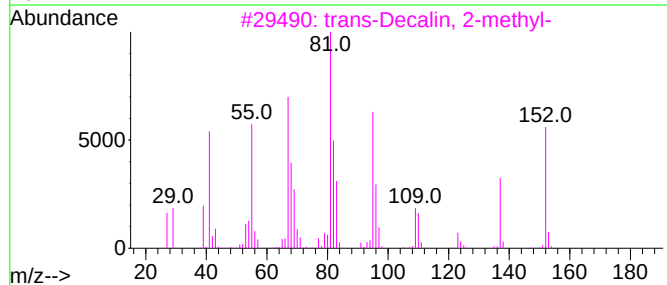
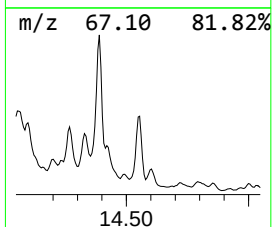
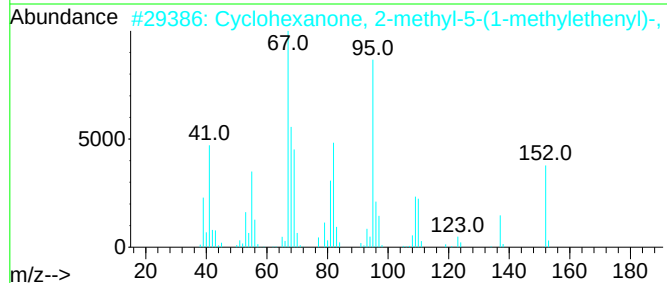
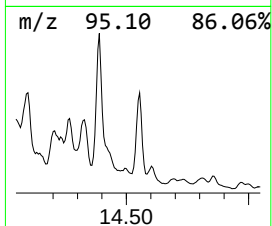
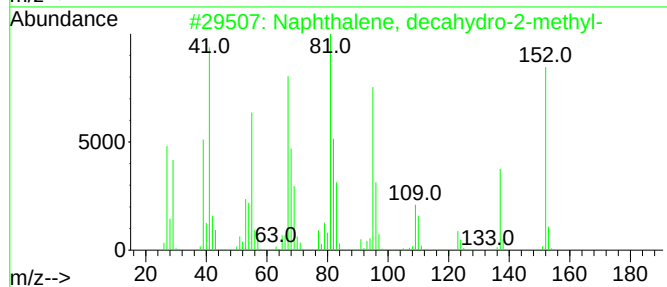
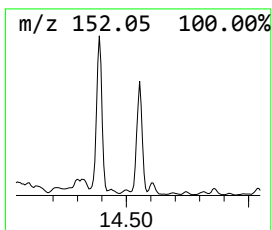
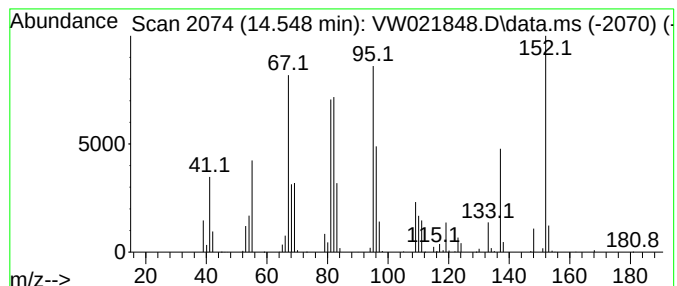
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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Quant Title : SFAM01.0

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

Peak Number 57 Naphthalene, decahydro-2-me... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.548	16.75 ug/L	5411520	1,4-Dichlorobenzene-d4		13.542	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	93
2	Cyclohexanone, 2-methyl-5-(1-met...		152	C10H16O	005948-04-9	68
3	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	58
4	Bicyclo[5.4.0]undecane (trans)		152	C11H20	021394-30-9	53
5	Cyclohexanone, 5-methyl-2-(1-met...		152	C10H16O	015932-80-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

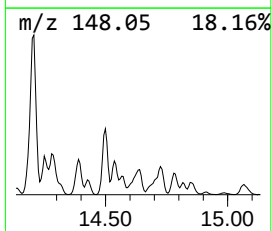
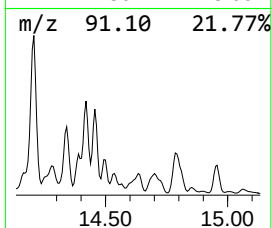
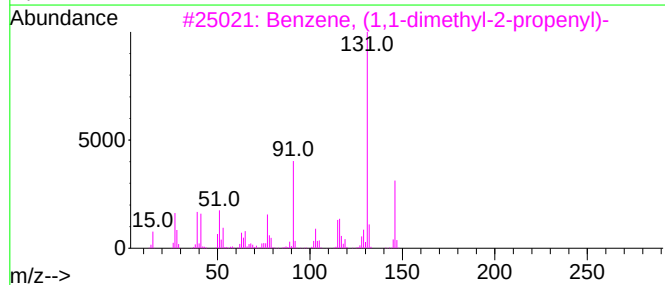
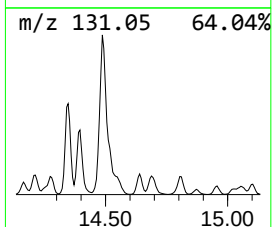
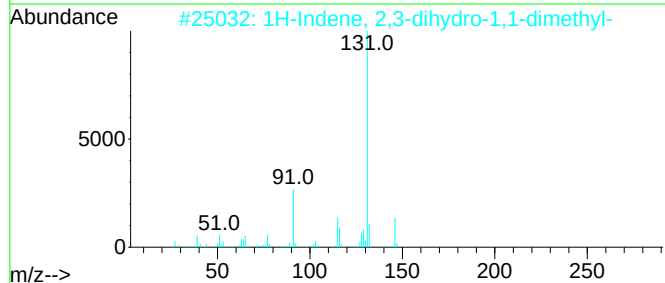
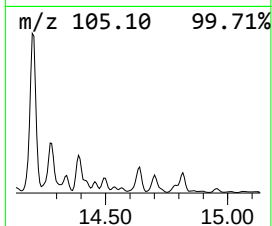
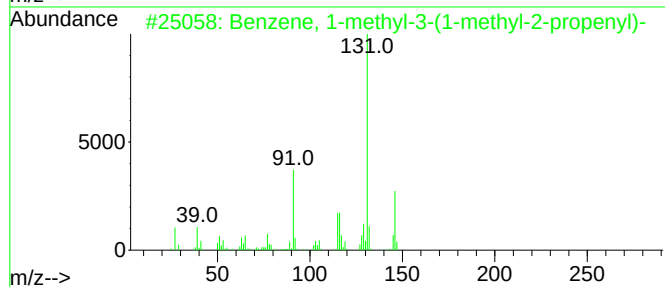
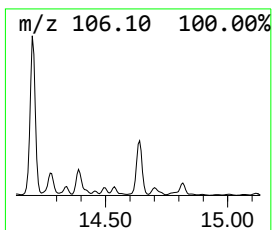
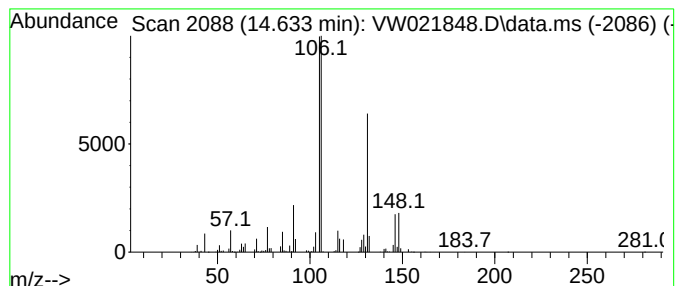
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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

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

Peak Number 59 unknown-03 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.633	4.91 ug/L	1586150	1,4-Dichlorobenzene-d4	13.542	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-propenyl)-	146	C11H14	052161-57-6	38
2	1H-Indene, 2,3-dihydro-1,1-dimethyl-	146	C11H14	004912-92-9	38
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	35
5	1H-Indene, 2,3-dihydro-1,2-dimethyl-	146	C11H14	017057-82-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

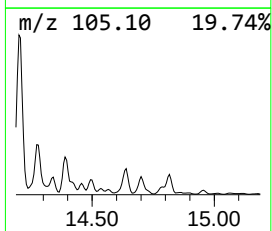
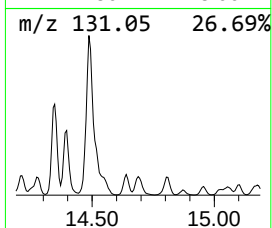
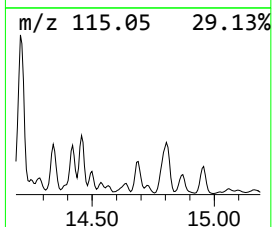
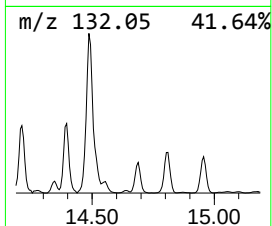
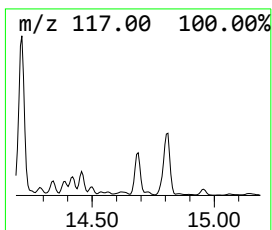
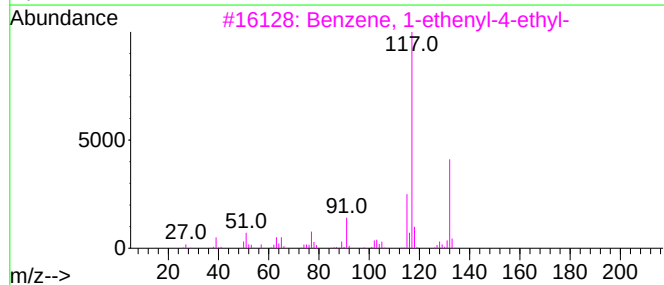
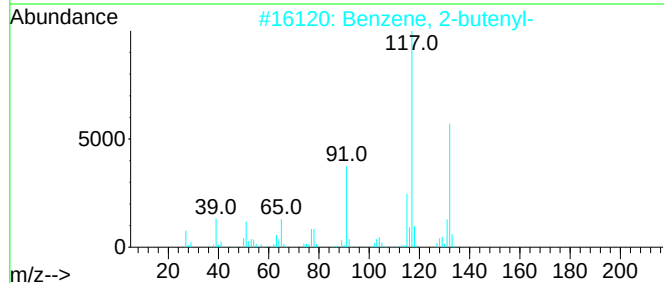
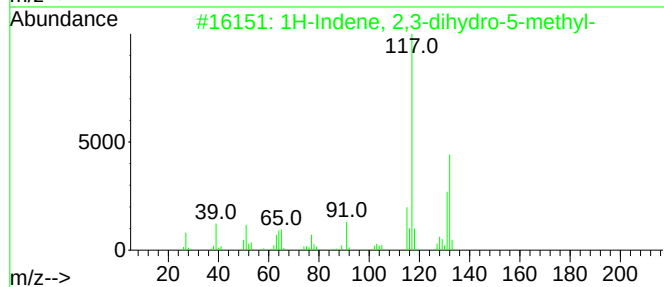
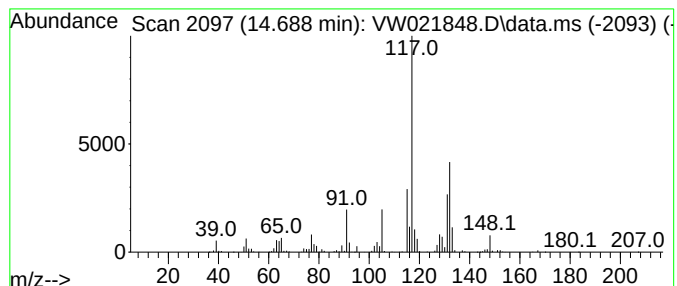
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Quant Title : SFAM01.0

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

Peak Number 60 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	6.78 ug/L	2190530	1,4-Dichlorobenzene-d4	13.542

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

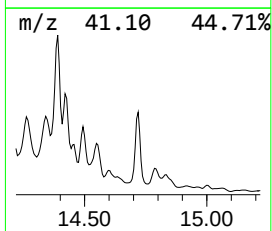
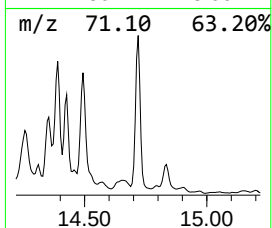
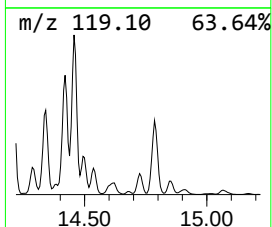
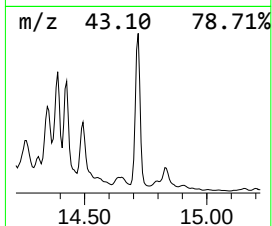
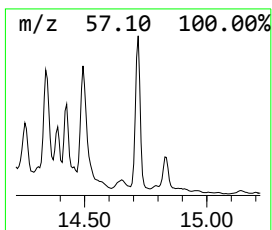
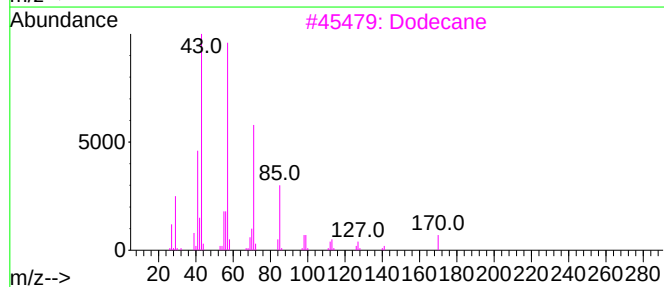
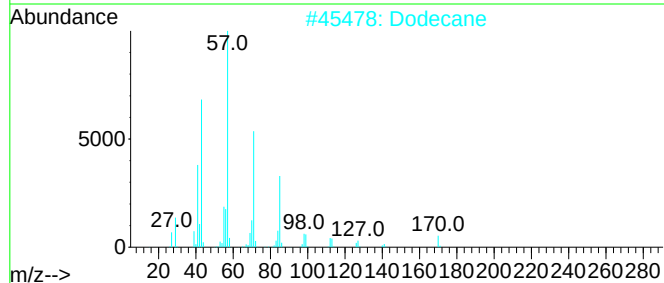
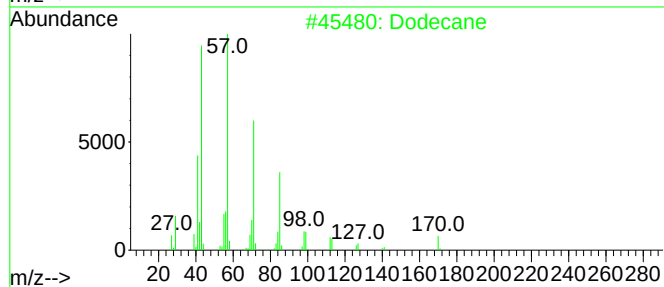
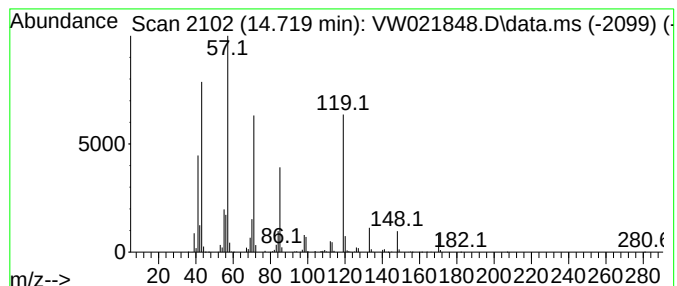
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Quant Title : SFAM01.0

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	14.63 ug/L	4724240	1,4-Dichlorobenzene-d4	13.542

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	96
2		Dodecane	170	C12H26	000112-40-3	83
3		Dodecane	170	C12H26	000112-40-3	78
4		Dodecane	170	C12H26	000112-40-3	78
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

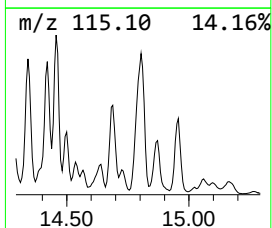
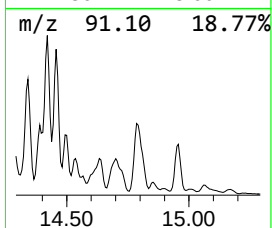
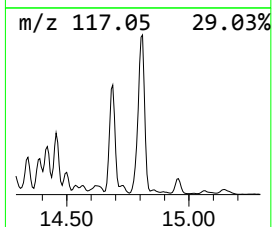
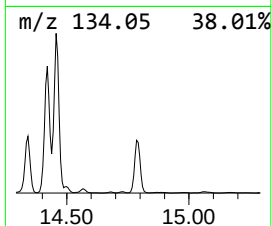
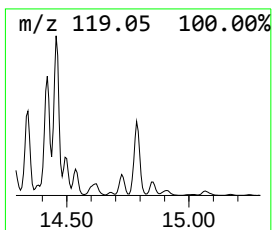
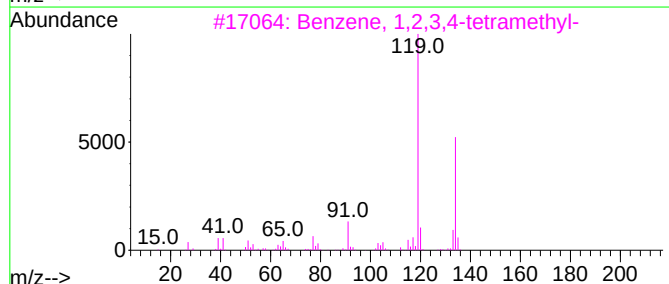
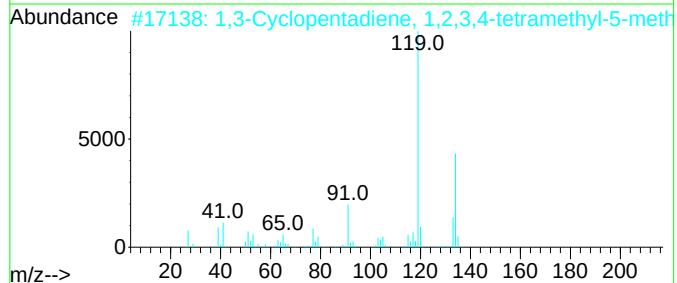
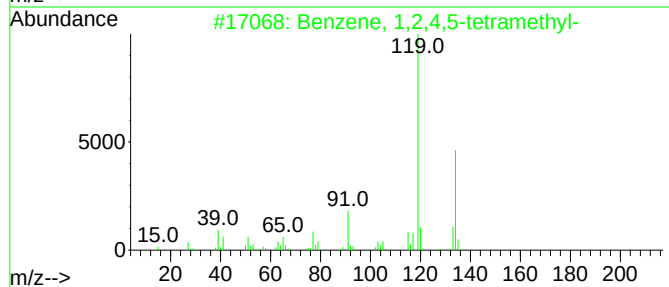
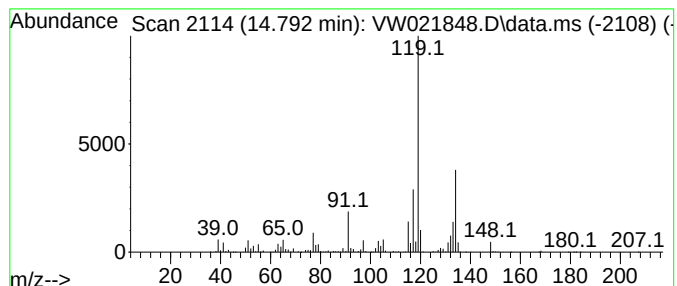
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

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

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

Peak Number 62 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.792	28.57 ug/L	9227510	1,4-Dichlorobenzene-d4	13.542	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

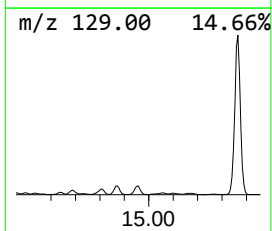
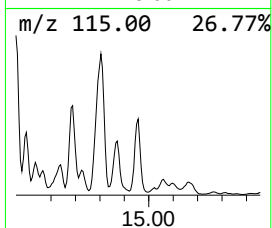
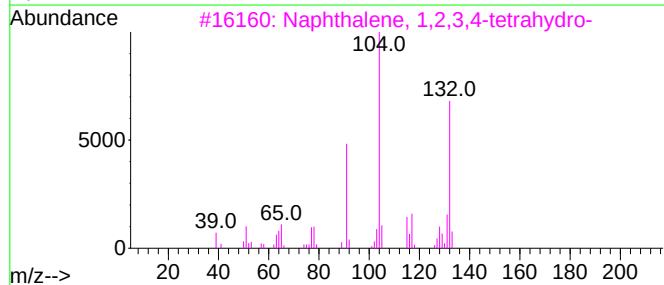
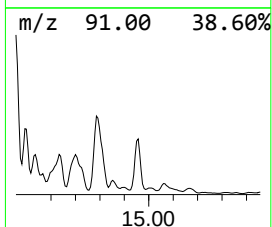
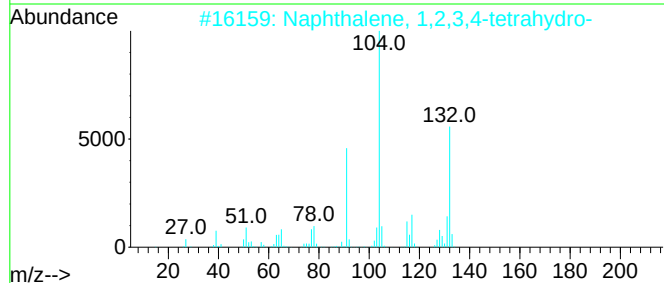
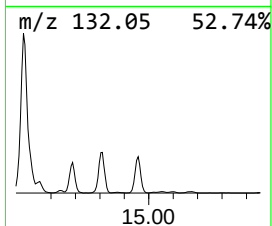
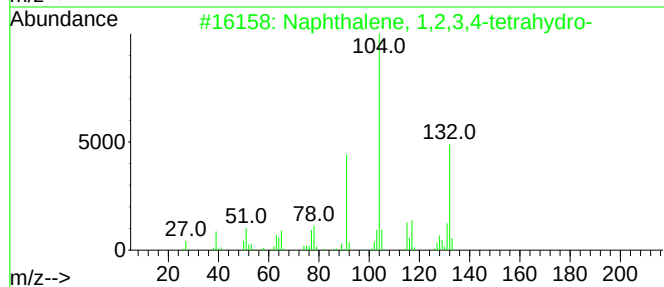
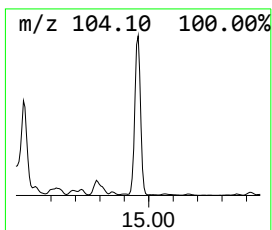
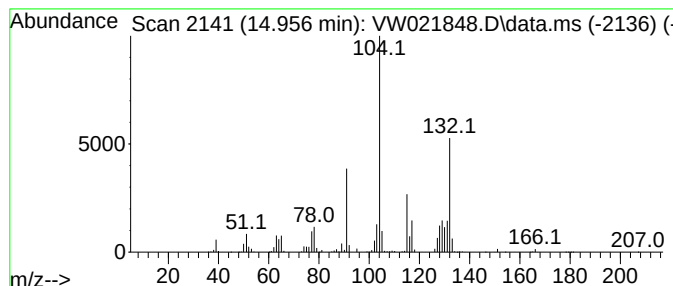
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Quant Title : SFAM01.0

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

Peak Number 63 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	7.24 ug/L	2339830	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

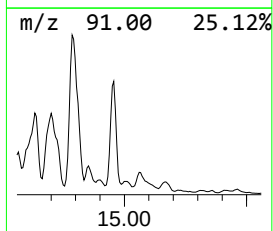
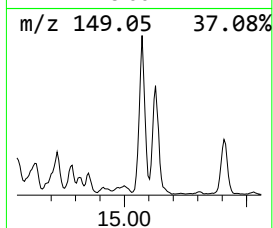
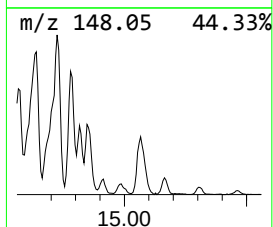
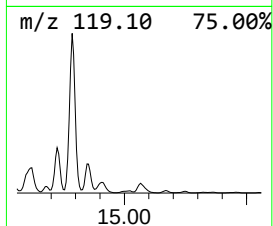
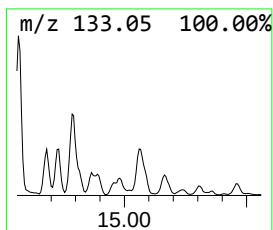
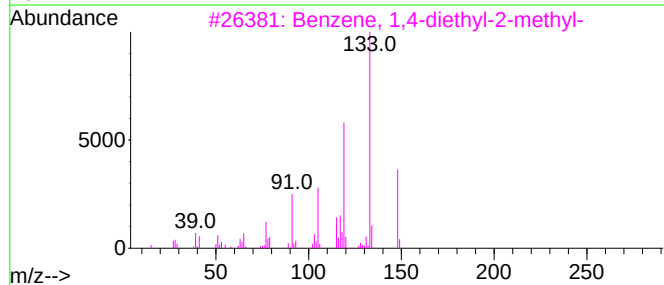
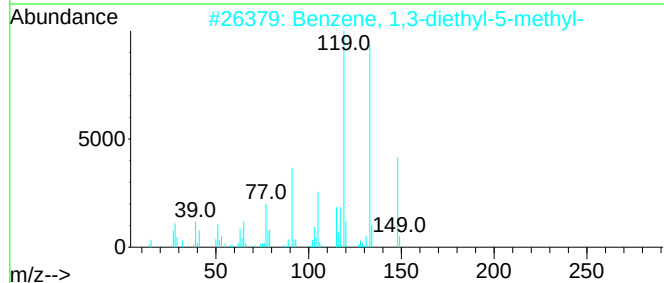
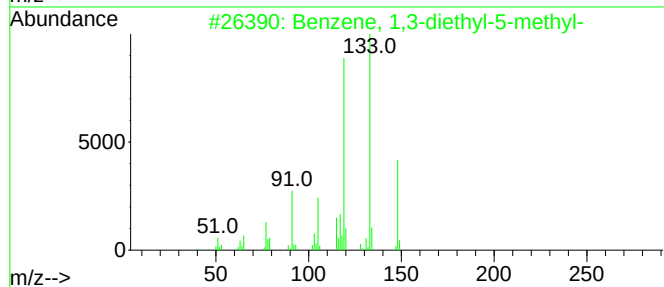
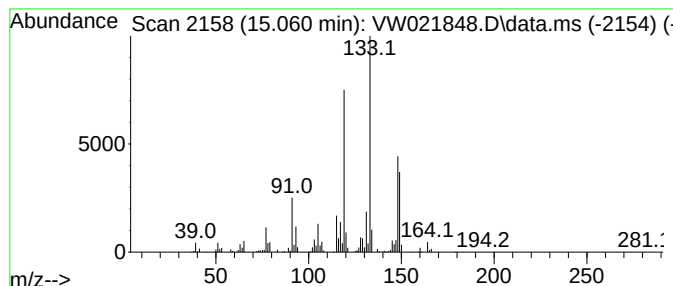
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Quant Title : SFAM01.0

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

Peak Number 65 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	4.05 ug/L	1307150	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	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	87
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	83
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

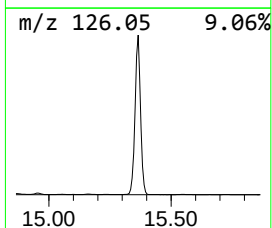
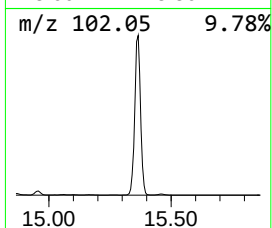
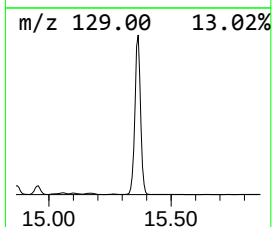
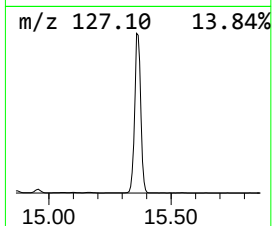
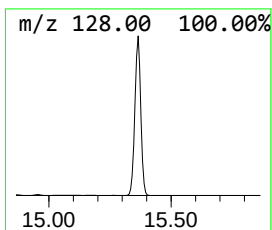
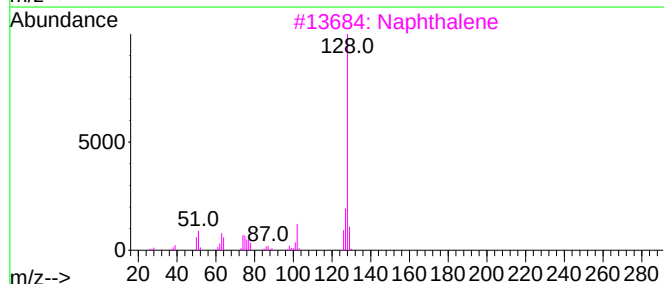
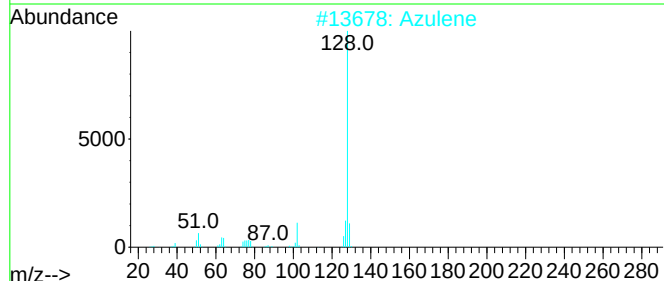
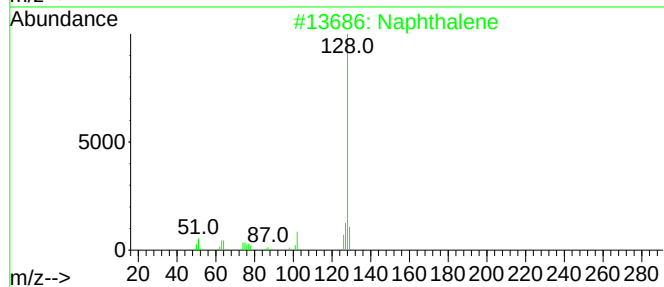
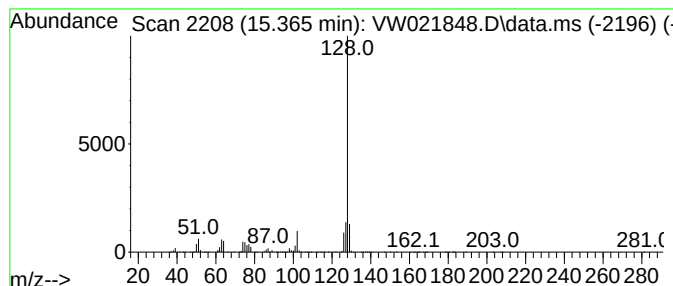
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Quant Title : SFAM01.0

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

Peak Number 67 Azulene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	85.82 ug/L	27718600	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	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\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

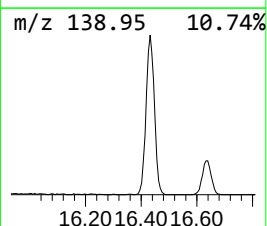
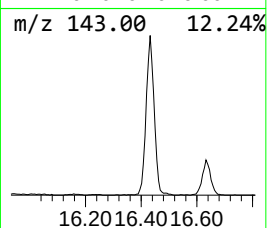
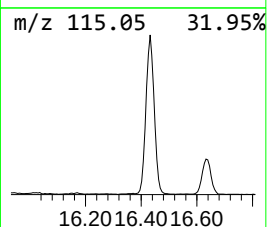
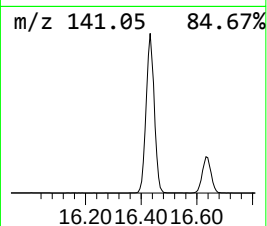
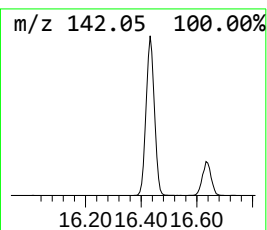
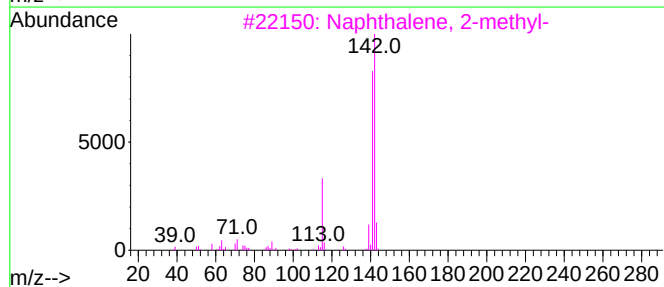
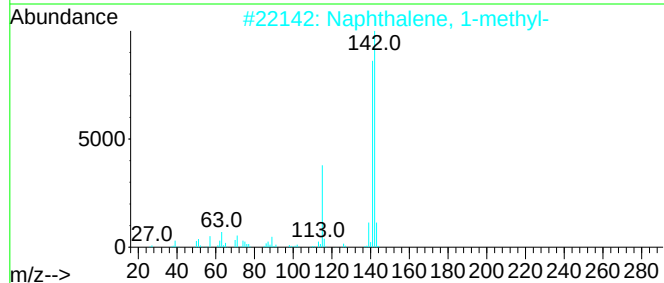
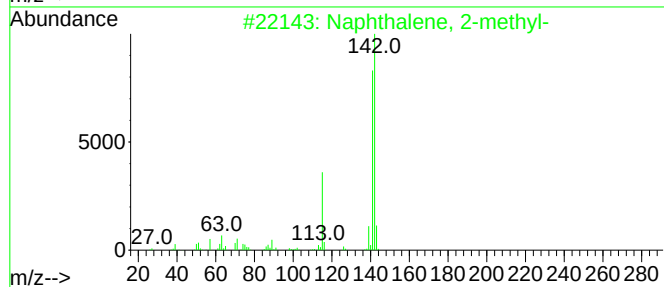
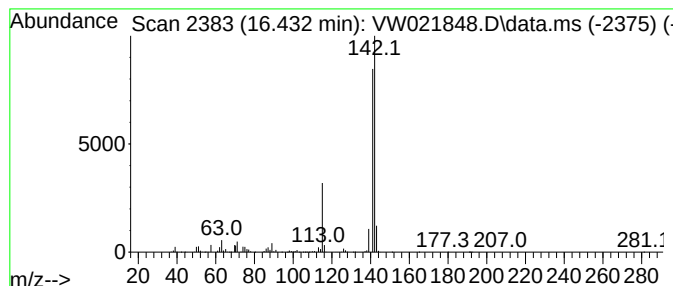
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Quant Title : SFAM01.0

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

Peak Number 69 Naphthalene, 2-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	4.32 ug/L	1395640	1,4-Dichlorobenzene-d4	13.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
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\VW011122\
 Data File : VW021848.D
 Acq On : 11 Jan 2022 21:44
 Operator : SY/VA
 Sample : N1084-08
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.026	108.3	ug/L	1359330	1	8.842	313633	25.0
(DEL) Alkane: S...	3.391	100.4	ug/L	1259790	1	8.842	313633	25.0
(DEL) Alkane: S...	4.964	286.7	ug/L	3597180	1	8.842	313633	25.0
2-Ethyl-oxetane	5.946	384.8	ug/L	4826880	1	8.842	313633	25.0
(DEL) Alkane: S...	6.885	26.9	ug/L	337770	1	8.842	313633	25.0
(DEL) Alkane: C...	6.988	217.7	ug/L	2730650	1	8.842	313633	25.0
(DEL) Alkane: S...	8.037	63.5	ug/L	797066	1	8.842	313633	25.0
(DEL) Alkane: S...	8.165	301.4	ug/L	3781230	1	8.842	313633	25.0
(DEL) Alkane: C...	8.433	47.9	ug/L	600555	1	8.842	313633	25.0
(DEL) Alkane: S...	8.488	69.7	ug/L	874448	1	8.842	313633	25.0
(DEL) Alkane: C...	8.580	47.1	ug/L	590765	1	8.842	313633	25.0
(DEL) Alkane: S...	8.701	499.3	ug/L	6263590	1	8.842	313633	25.0
(DEL) Alkane: S...	9.762	44.2	ug/L	554976	1	8.842	313633	25.0
(DEL) Alkane: S...	9.902	41.9	ug/L	525143	1	8.842	313633	25.0
(DEL) Alkane: S...	9.963	74.8	ug/L	937838	1	8.842	313633	25.0
(DEL) Alkane: S...	10.098	66.6	ug/L	835639	1	8.842	313633	25.0
(DEL) Alkane: S...	10.506	69.8	ug/L	1694130	2	11.640	606547	25.0
(DEL) Alkane: C...	10.671	18.7	ug/L	452650	2	11.640	606547	25.0
(DEL) Alkane: C...	10.768	21.7	ug/L	527173	2	11.640	606547	25.0
Hexanal	11.073	62.6	ug/L	1519560	2	11.640	606547	25.0
(DEL) Alkane: C...	11.183	30.4	ug/L	737528	2	11.640	606547	25.0
(DEL) Alkane: C...	11.238	51.0	ug/L	1238590	2	11.640	606547	25.0
(DEL) Alkane: S...	11.347	41.7	ug/L	1011600	2	11.640	606547	25.0
(DEL) Alkane: S...	11.427	203.1	ug/L	4926400	2	11.640	606547	25.0
(DEL) Alkane: S...	11.536	124.1	ug/L	3010450	2	11.640	606547	25.0
(DEL) Alkane: C...	11.945	81.2	ug/L	1969420	2	11.640	606547	25.0
(DEL) Alkane: S...	12.073	159.3	ug/L	3864260	2	11.640	606547	25.0
(DEL) Alkane: S...	12.262	631.0	ug/L	15309200	2	11.640	606547	25.0
(DEL) Alkane: S...	12.378	1428.1	ug/L	34649300	2	11.640	606547	25.0
(DEL) Alkane: S...	12.555	330.6	ug/L	8020000	2	11.640	606547	25.0
(DEL) Alkane: S...	12.579	811.1	ug/L	19680000	2	11.640	606547	25.0
Benzene, propyl-	12.804	90.8	ug/L	29323100	3	13.542	8074530	25.0
Benzene, 1-ethy...	12.871	219.8	ug/L	70998800	3	13.542	8074530	25.0
(DEL) Alkane: C...	13.054	2.6	ug/L	831541	3	13.542	8074530	25.0
Benzene, 1-ethy...	13.109	165.6	ug/L	53486700	3	13.542	8074530	25.0
(DEL) Alkane: S...	13.176	139.4	ug/L	45035200	3	13.542	8074530	25.0
(DEL) Alkane: S...	13.304	39.6	ug/L	12790600	3	13.542	8074530	25.0
Carbonic acid, ...	13.359	45.7	ug/L	14772900	3	13.542	8074530	25.0
unknown-01	13.390	6.5	ug/L	2098550	3	13.542	8074530	25.0
(DEL) Alkane: S...	13.426	44.3	ug/L	14317500	3	13.542	8074530	25.0
p-Cymene	13.457	62.5	ug/L	20173600	3	13.542	8074530	25.0
Benzene, 1,2,3-...	13.597	113.2	ug/L	36574600	3	13.542	8074530	25.0
Benzene, 1,3-di...	13.725	37.0	ug/L	11951400	3	13.542	8074530	25.0
Benzene, 1-prop...	13.762	221.1	ug/L	71408300	3	13.542	8074530	25.0
Benzene, 1-ethy...	13.798	135.3	ug/L	43701200	3	13.542	8074530	25.0
Indene	13.951	290.7	ug/L	93892600	3	13.542	8074530	25.0
Benzene, 2-ethy...	14.018	75.2	ug/L	24289300	3	13.542	8074530	25.0
Benzene, 1,2,3,...	14.042	81.7	ug/L	26394800	3	13.542	8074530	25.0
Benzene, 4-ethy...	14.103	97.2	ug/L	31406200	3	13.542	8074530	25.0
Benzene, 1-meth...	14.207	60.5	ug/L	19536100	3	13.542	8074530	25.0
Adamantane	14.268	20.9	ug/L	6753720	3	13.542	8074530	25.0
o-Cymene	14.341	28.5	ug/L	9201600	3	13.542	8074530	25.0

(DEL) Alkane: C...	14.390	45.2	ug/L	14605800	3	13.542	8074530	25.0
Benzene, 1,2,4,...	14.420	33.7	ug/L	10876700	3	13.542	8074530	25.0
Benzene, 1-ethy...	14.457	29.9	ug/L	9642150	3	13.542	8074530	25.0
unknown-02	14.493	30.6	ug/L	9870030	3	13.542	8074530	25.0
Naphthalene, de...	14.548	16.8	ug/L	5411520	3	13.542	8074530	25.0
unknown-03	14.633	4.9	ug/L	1586150	3	13.542	8074530	25.0
1H-Indene, 2,3-...	14.688	6.8	ug/L	2190530	3	13.542	8074530	25.0
(DEL) Alkane: S...	14.719	14.6	ug/L	4724240	3	13.542	8074530	25.0
1,3-Cyclopentad...	14.792	28.6	ug/L	9227510	3	13.542	8074530	25.0
Naphthalene, 1,...	14.957	7.2	ug/L	2339830	3	13.542	8074530	25.0
Benzene, 1,3-di...	15.060	4.0	ug/L	1307150	3	13.542	8074530	25.0
Azulene	15.365	85.8	ug/L	27718600	3	13.542	8074530	25.0
Naphthalene, 2-...	16.432	4.3	ug/L	1395640	3	13.542	8074530	25.0

Instrument :

MSVOA_W

ClientSampleId :

BGLN1