

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
 Data File : VW021764.D
 Acq On : 06 Jan 2022 17:56
 Operator : SY/VA
 Sample : N1025-05
 Misc : 6.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLG9

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\SFAMWLM122821SMA.M
 Title : SFAM01.0

Signal : TIC: VW021764.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	11	14	27	rVB	8653	16449	0.95%	0.063%
2	2.349	64	73	81	rBV	67191	119641	6.93%	0.456%
3	2.501	92	98	107	rBV	13206	27528	1.59%	0.105%
4	2.885	154	161	170	rVB	42545	89133	5.16%	0.340%
5	3.684	285	292	302	rVB2	9601	22906	1.33%	0.087%
6	4.013	335	346	360	rBV	79693	228135	13.21%	0.869%
7	4.153	361	369	382	rVB	6961	22560	1.31%	0.086%
8	4.946	485	499	500	rBV3	13659	47032	2.72%	0.179%
9	5.434	568	579	590	rBV3	5883	20386	1.18%	0.078%
10	5.940	651	662	675	rVB3	34619	104922	6.07%	0.400%
11	6.714	778	789	802	rBV3	5157	18182	1.05%	0.069%
12	6.879	805	816	817	rBV	13329	27731	1.61%	0.106%
13	7.086	842	850	858	rBV	12987	36522	2.11%	0.139%
14	7.171	859	864	874	rVB7	6790	18278	1.06%	0.070%
15	7.653	932	943	961	rBV	112378	296168	17.14%	1.129%
16	7.927	979	988	997	rBV2	35079	87409	5.06%	0.333%
17	8.031	997	1005	1016	rVB3	34894	89649	5.19%	0.342%
18	8.159	1016	1026	1033	rBV	54517	120361	6.97%	0.459%
19	8.275	1036	1045	1061	rVB2	218330	639825	37.04%	2.438%
20	8.433	1061	1071	1075	rBV3	23298	64292	3.72%	0.245%
21	8.579	1089	1095	1106	rVB2	16737	42575	2.46%	0.162%
22	8.695	1106	1114	1124	rVB2	24572	49271	2.85%	0.188%
23	8.842	1130	1138	1151	rBV	206865	406585	23.54%	1.550%
24	9.073	1167	1176	1184	rBV	128831	274923	15.91%	1.048%
25	9.274	1201	1209	1214	rBV	145719	329751	19.09%	1.257%
26	9.518	1243	1249	1255	rVB3	16220	30468	1.76%	0.116%
27	9.616	1255	1265	1270	rVB7	4894	14619	0.85%	0.056%
28	9.756	1281	1288	1300	rBV2	22186	47377	2.74%	0.181%
29	9.896	1301	1311	1316	rBV	37919	80516	4.66%	0.307%
30	9.957	1316	1321	1325	rVV2	39487	71011	4.11%	0.271%
31	10.036	1329	1334	1339	rVV	74265	123492	7.15%	0.471%
32	10.097	1339	1344	1356	rVB	46251	105043	6.08%	0.400%
33	10.213	1356	1363	1365	rBV4	5585	11429	0.66%	0.044%
34	10.244	1365	1368	1374	rVB	11154	19396	1.12%	0.074%
35	10.323	1374	1381	1390	rBV	375892	685048	39.66%	2.611%
36	10.494	1403	1409	1417	rBV6	13806	39284	2.27%	0.150%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Title : SFAM01.0

37	10.579	1417	1423	1432	rVB	50491	96801	5.60%	0.369%
38	10.664	1432	1437	1444	rBV	20940	43205	2.50%	0.165%
39	10.750	1445	1451	1457	rBV8	18361	49142	2.84%	0.187%
40	10.847	1463	1467	1472	rVB3	26097	47425	2.75%	0.181%
41	10.927	1472	1480	1486	rBV3	83592	190239	11.01%	0.725%
42	10.994	1488	1491	1494	rBV2	26064	40970	2.37%	0.156%
43	11.109	1506	1510	1513	rBV3	26732	41285	2.39%	0.157%
44	11.183	1518	1522	1526	rBV4	41242	71773	4.15%	0.274%
45	11.231	1526	1530	1533	rVV2	29038	44524	2.58%	0.170%
46	11.335	1543	1547	1551	rBV2	45242	64898	3.76%	0.247%
47	11.408	1555	1559	1570	rVB3	146875	373266	21.61%	1.423%
48	11.512	1570	1576	1581	rBV2	156320	270562	15.66%	1.031%
49	11.628	1589	1595	1604	rBV	297708	511131	29.59%	1.948%
50	11.725	1606	1611	1615	rBV2	95997	164122	9.50%	0.625%
51	11.823	1621	1627	1630	rBV3	67541	157516	9.12%	0.600%
52	11.872	1631	1635	1639	rVV	165005	297590	17.23%	1.134%
53	11.914	1640	1642	1648	rVB	87612	120259	6.96%	0.458%
54	11.975	1648	1652	1654	rBV3	12442	19860	1.15%	0.076%
55	12.061	1661	1666	1671	rVB3	48315	87941	5.09%	0.335%
56	12.134	1671	1678	1690	rBV5	194363	591526	34.24%	2.254%
57	12.250	1694	1697	1701	rVB	120955	168115	9.73%	0.641%
58	12.335	1701	1711	1714	rBV5	137623	389866	22.57%	1.486%
59	12.463	1727	1732	1736	rBV	234496	382243	22.13%	1.457%
60	12.646	1759	1762	1766	rVB	99317	115243	6.67%	0.439%
61	12.695	1766	1770	1775	rVB3	123739	197675	11.44%	0.753%
62	12.798	1780	1787	1792	rVB	223439	493981	28.60%	1.883%
63	12.859	1792	1797	1799	rBV2	65389	112643	6.52%	0.429%
64	12.896	1799	1803	1806	rBV	137493	221319	12.81%	0.843%
65	12.987	1815	1818	1824	rVB2	111491	179385	10.38%	0.684%
66	13.103	1829	1837	1843	rBV	329981	750529	43.45%	2.860%
67	13.164	1843	1847	1855	rVB5	140524	240879	13.94%	0.918%
68	13.249	1855	1861	1866	rBV	1149140	1727498	100.00%	6.584%
69	13.377	1876	1882	1887	rBV3	217179	461037	26.69%	1.757%
70	13.438	1888	1892	1897	rVB2	295554	452342	26.18%	1.724%
71	13.481	1897	1899	1903	rVB2	81123	98918	5.73%	0.377%
72	13.554	1907	1911	1913	rBV	298121	422565	24.46%	1.610%
73	13.719	1933	1938	1939	rBV	335287	458469	26.54%	1.747%
74	13.743	1939	1942	1947	rVB	861862	1298024	75.14%	4.947%
75	13.798	1947	1951	1953	rBV	424596	643681	37.26%	2.453%
76	13.944	1971	1975	1980	rVV	388894	564206	32.66%	2.150%

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 Title : SFAM01.0

77	14.005	1981	1985	1988	rVV	437938	737732	42.71%	2.812%
78	14.036	1988	1990	1995	rVV	478810	637004	36.87%	2.428%
79	14.091	1995	1999	2004	rVB	402929	595229	34.46%	2.269%
80	14.200	2011	2017	2021	rVB3	212008	384511	22.26%	1.465%
81	14.255	2021	2026	2033	rVB4	92586	226201	13.09%	0.862%
82	14.334	2033	2039	2043	rBV2	248601	448933	25.99%	1.711%
83	14.414	2043	2052	2055	rVV	525035	962725	55.73%	3.669%
84	14.456	2055	2059	2063	rVV	559148	813077	47.07%	3.099%
85	14.499	2063	2066	2069	rVB2	97677	120234	6.96%	0.458%
86	14.639	2085	2089	2092	rVB	111697	160075	9.27%	0.610%
87	14.688	2092	2097	2100	rBV3	79027	158259	9.16%	0.603%
88	14.786	2108	2113	2121	rBV3	215373	544271	31.51%	2.074%
89	14.853	2121	2124	2131	rVB2	90115	158027	9.15%	0.602%
90	15.060	2154	2158	2162	rBV3	175267	315692	18.27%	1.203%
91	15.170	2172	2176	2185	rVB3	239548	511836	29.63%	1.951%
92	15.310	2195	2199	2201	rBV2	46144	68686	3.98%	0.262%
93	15.359	2202	2207	2213	rVB	498920	858294	49.68%	3.271%
94	15.414	2213	2216	2220	rBV	52382	70676	4.09%	0.269%
95	15.462	2220	2224	2229	rBV3	94771	166977	9.67%	0.636%
96	15.651	2248	2255	2262	rBV2	130057	263289	15.24%	1.003%
97	15.944	2299	2303	2309	rVB2	70515	122898	7.11%	0.468%
98	16.170	2336	2340	2350	rVB2	71368	152902	8.85%	0.583%
99	16.432	2379	2383	2388	rBV	51459	105145	6.09%	0.401%
100	16.633	2411	2416	2430	rVB	235532	565623	32.74%	2.156%

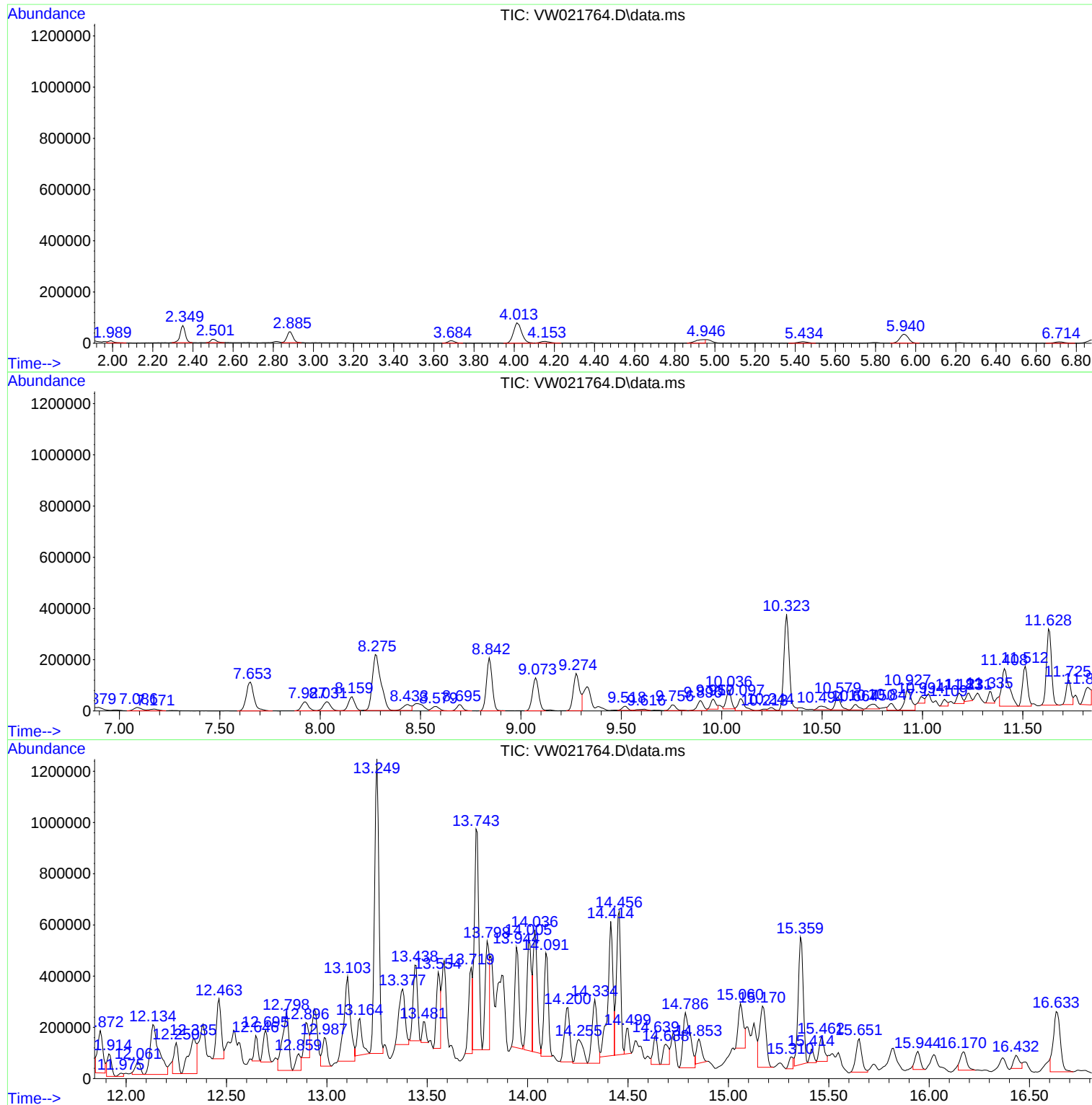
Sum of corrected areas: 26238846

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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BGLG9

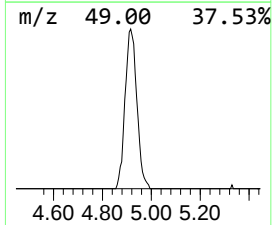
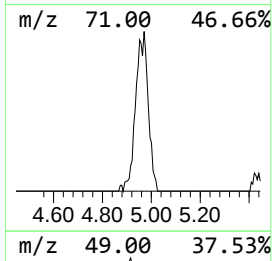
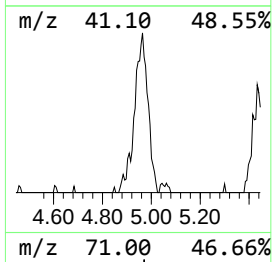
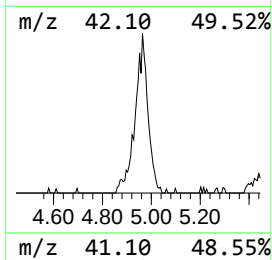
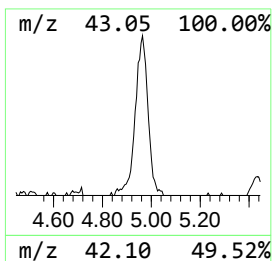
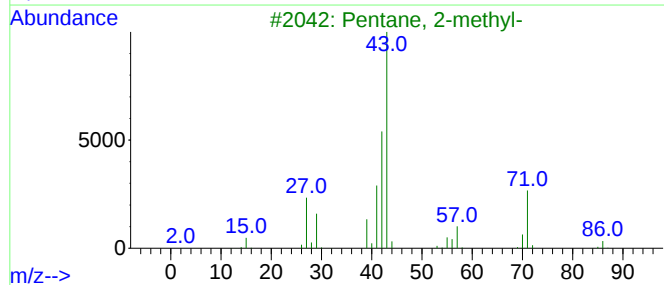
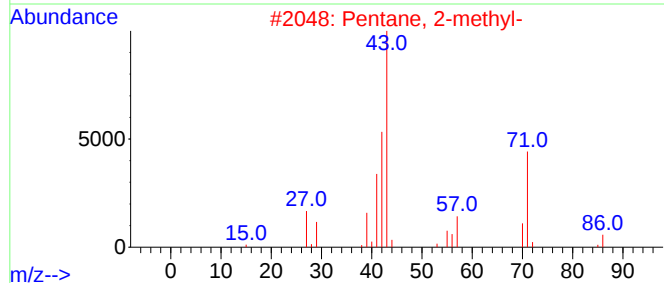
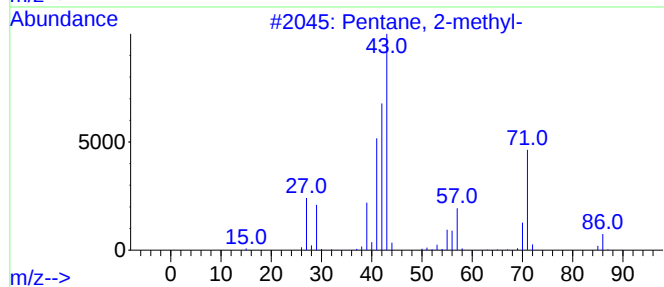
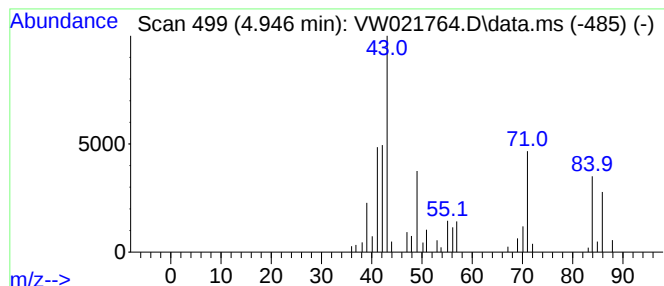
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	2.89 ug/L	47032	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	27
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	27
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	27
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	27
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	16



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Instrument :
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ClientSampleId :
BGLG9

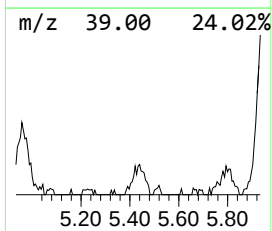
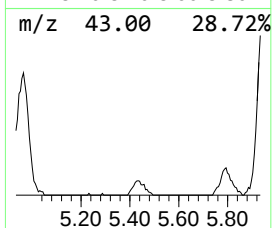
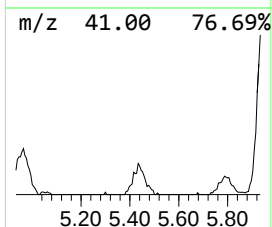
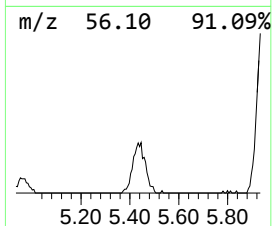
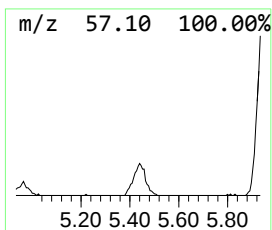
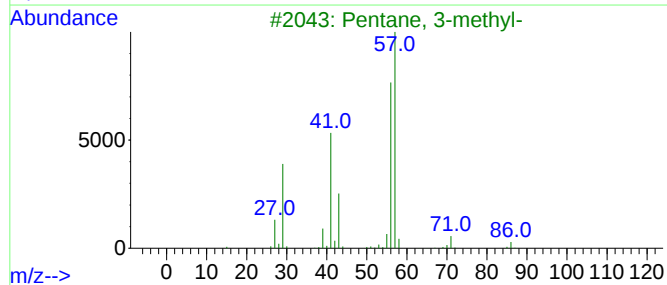
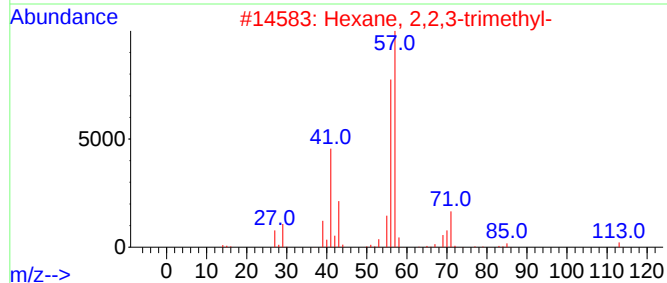
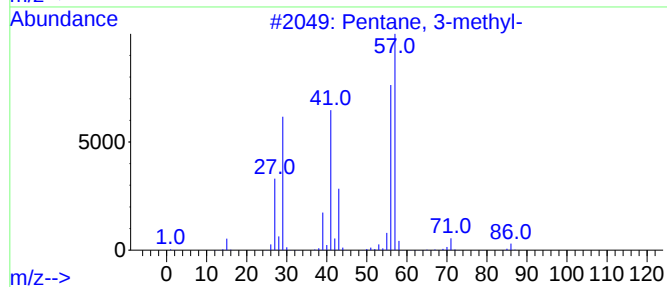
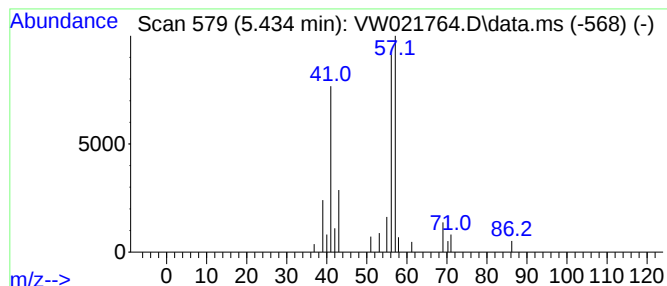
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.434	1.25 ug/L	20386	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	64
4			Pentane, 3-methyl-	86	C6H14	000096-14-0	64
5			1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	39



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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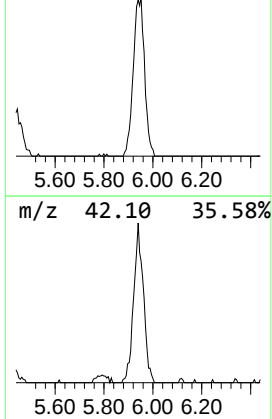
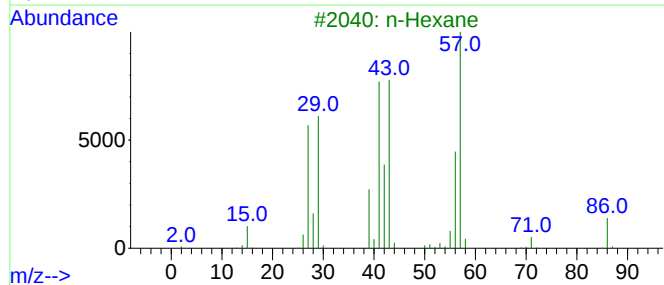
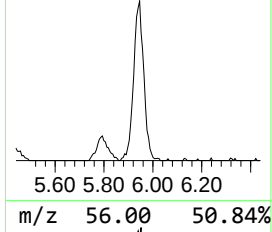
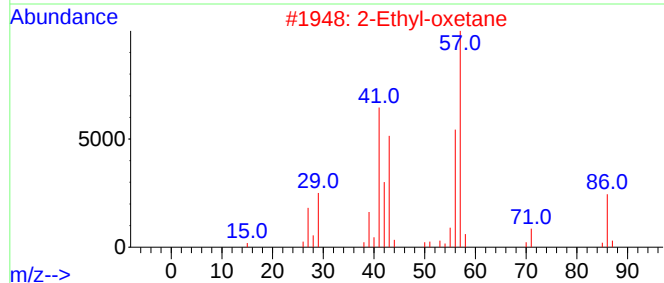
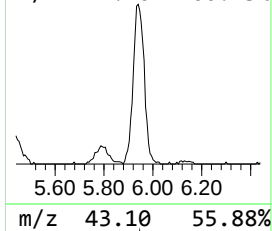
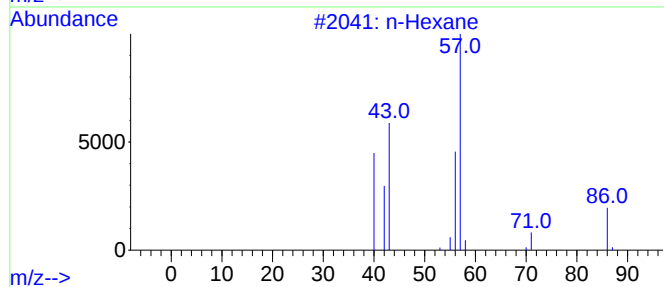
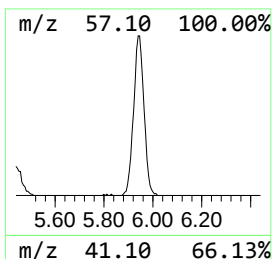
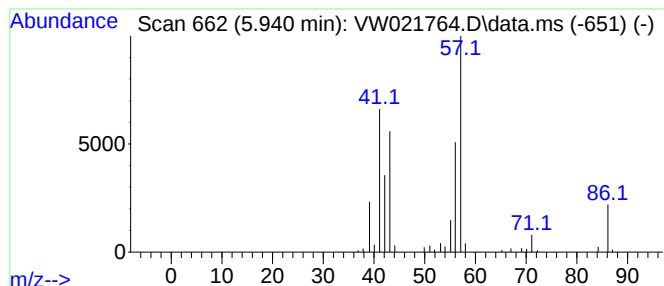
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	6.45 ug/L	104922	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	90
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
3			n-Hexane	86	C6H14	000110-54-3	64
4			n-Hexane	86	C6H14	000110-54-3	45
5			Cyclopropane, propyl-	84	C6H12	002415-72-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

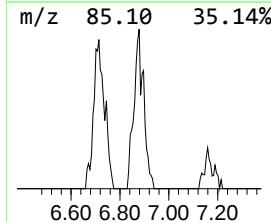
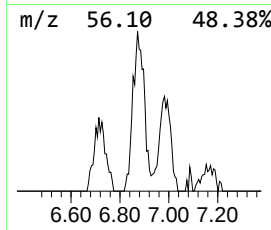
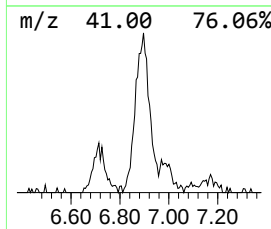
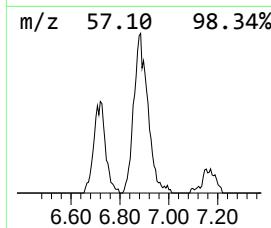
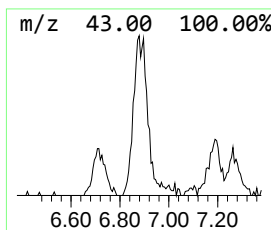
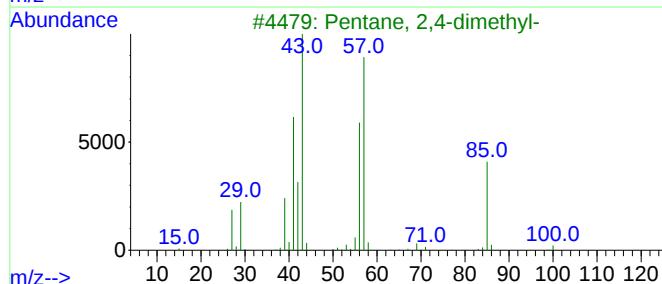
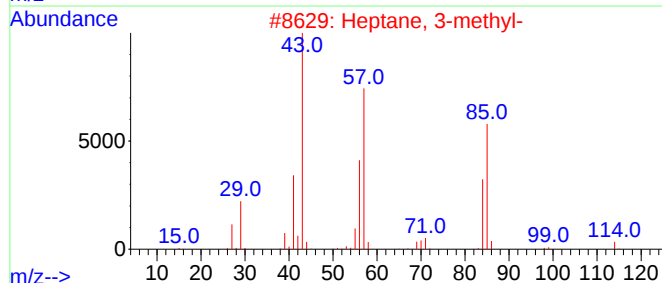
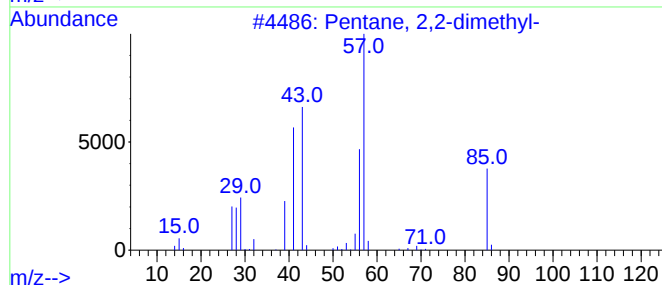
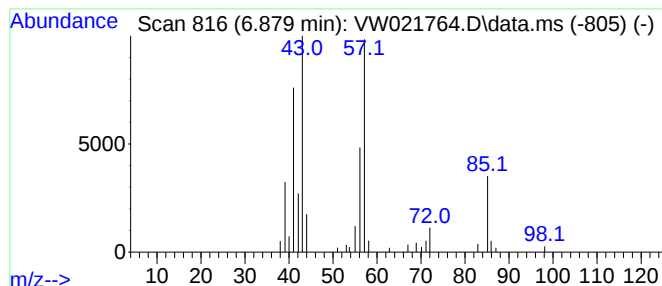
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.879	1.71 ug/L	27731	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	50
3			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	50
4			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	47
5			Oxirane, 2-methyl-3-(1-methyleth...	100	C6H12O	001192-31-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

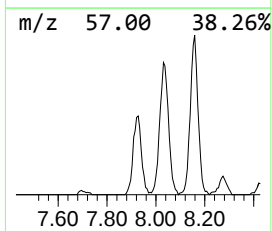
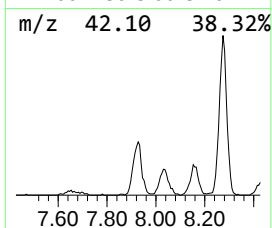
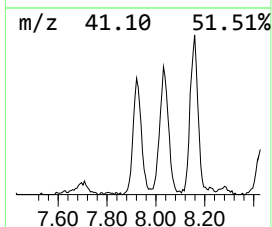
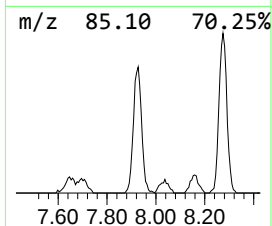
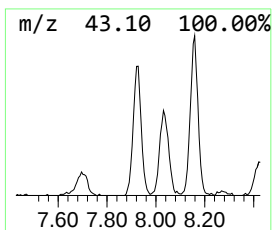
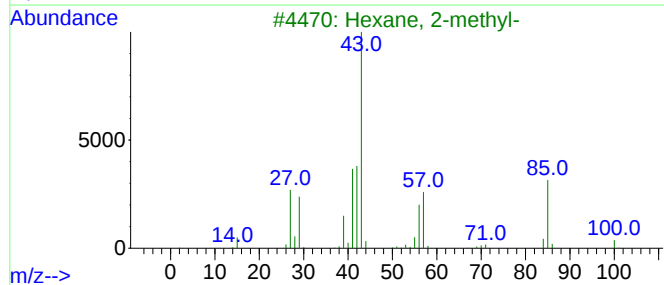
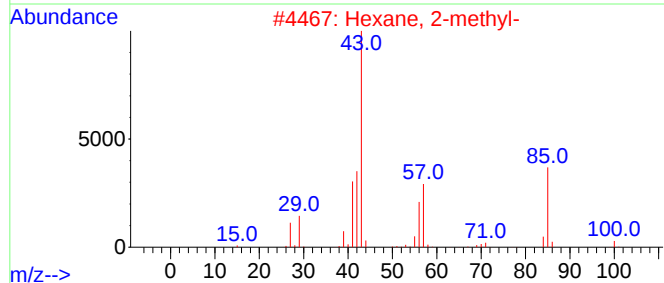
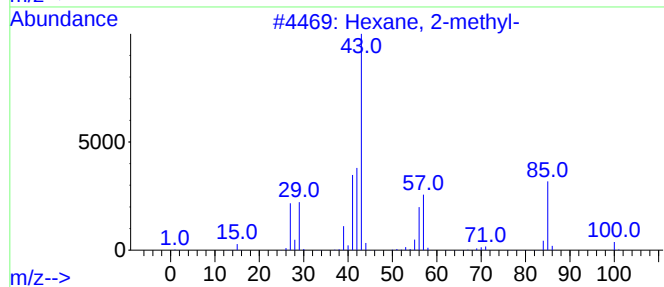
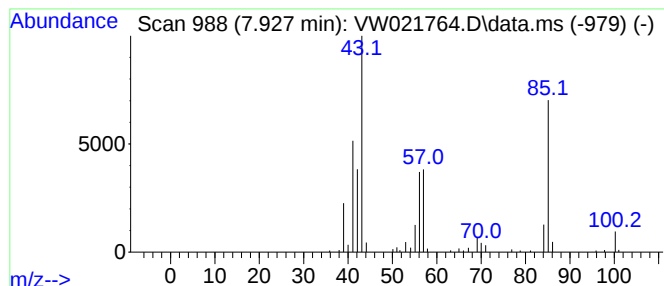
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.927	5.37 ug/L	87409	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
4			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	58
5			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

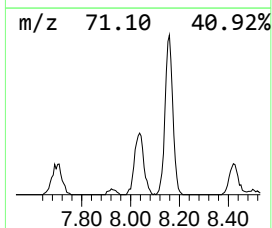
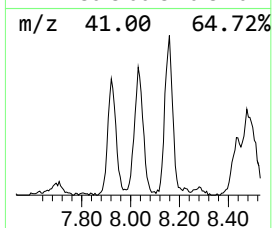
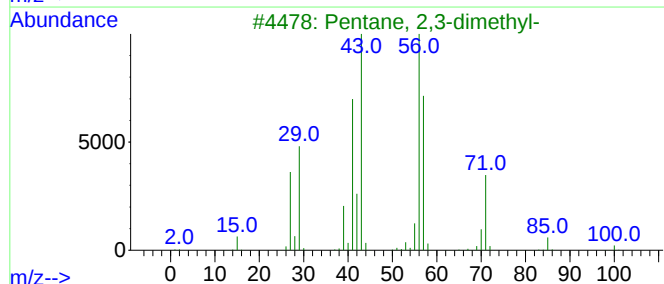
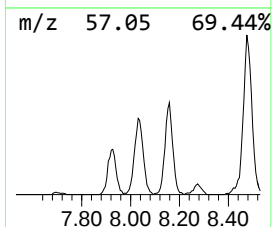
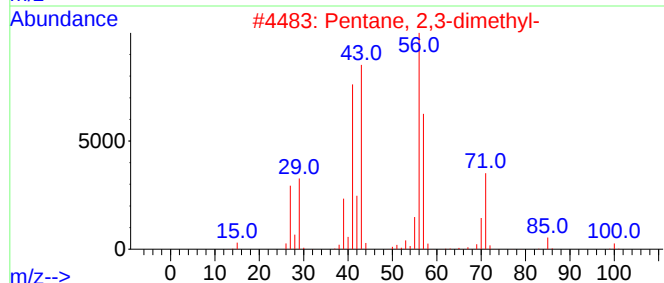
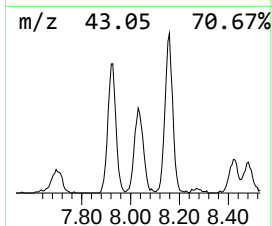
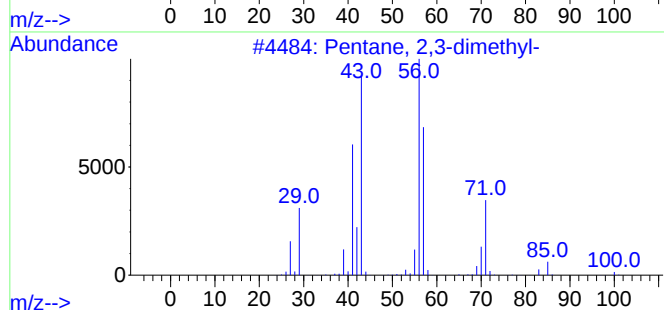
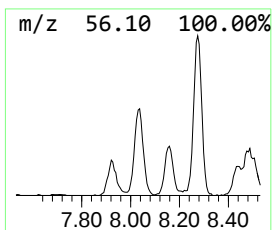
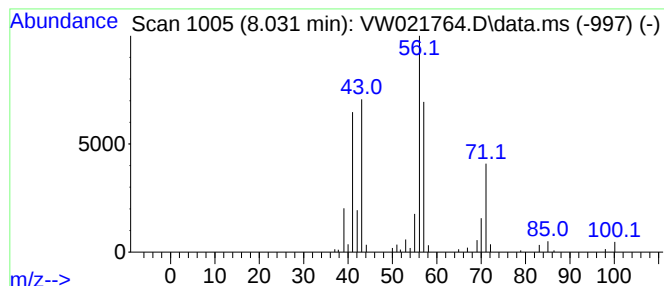
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	5.51 ug/L	89649	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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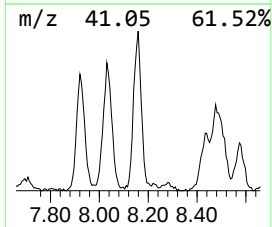
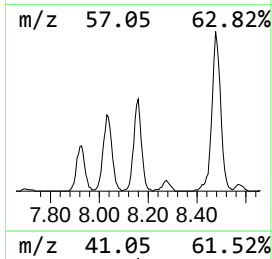
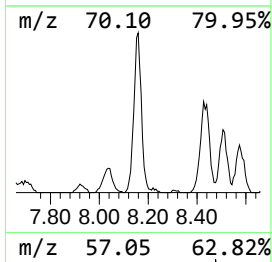
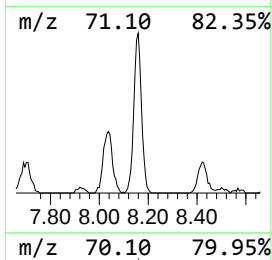
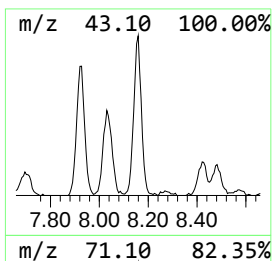
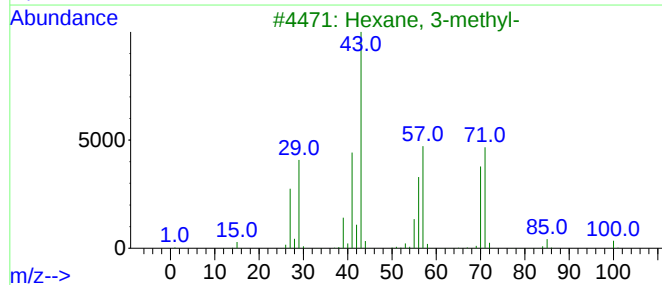
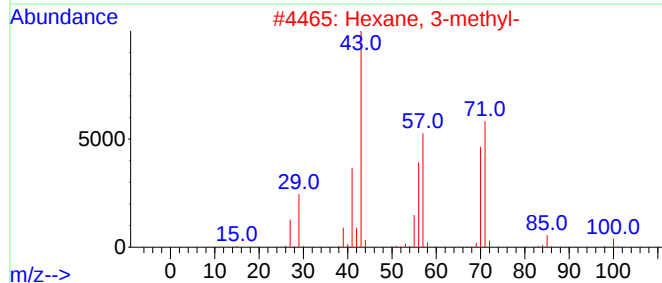
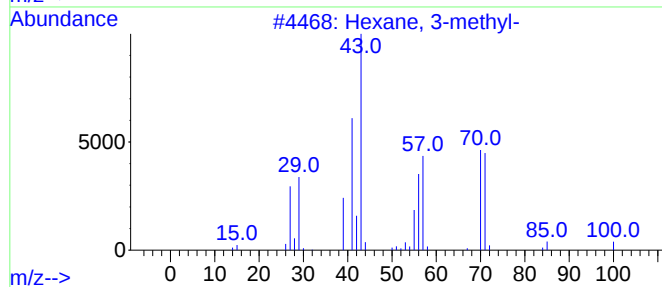
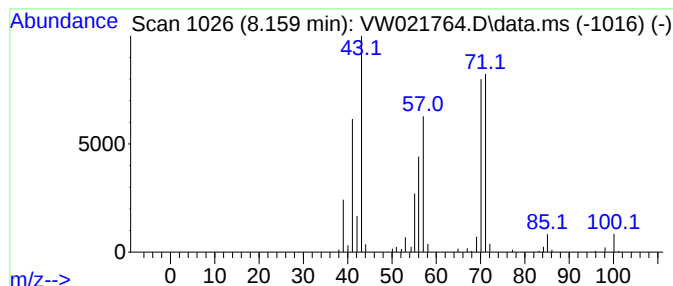
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	7.40 ug/L	120361	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	72
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

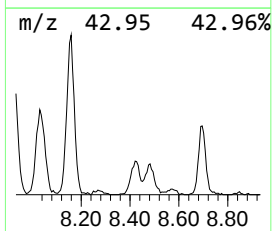
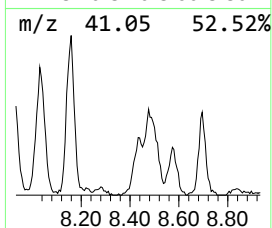
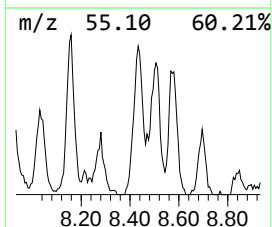
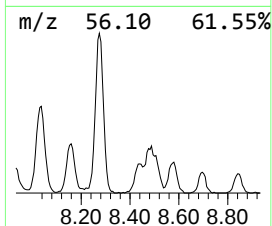
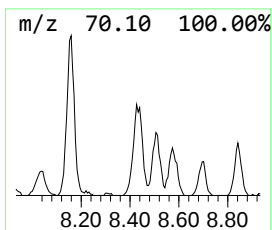
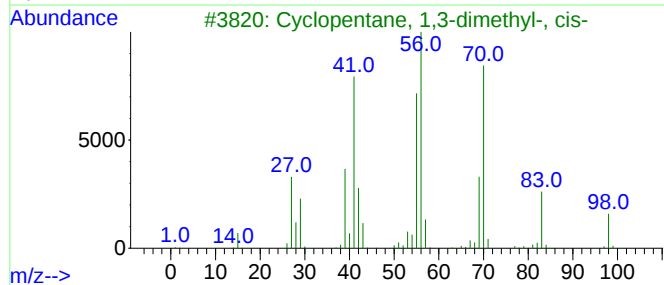
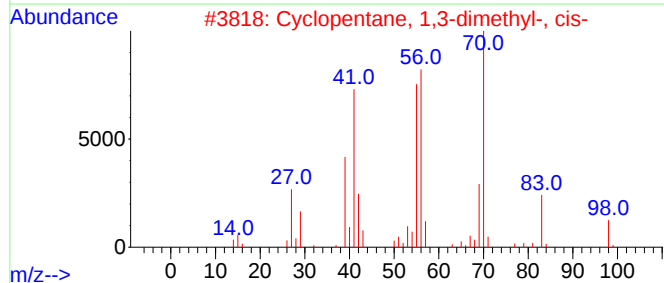
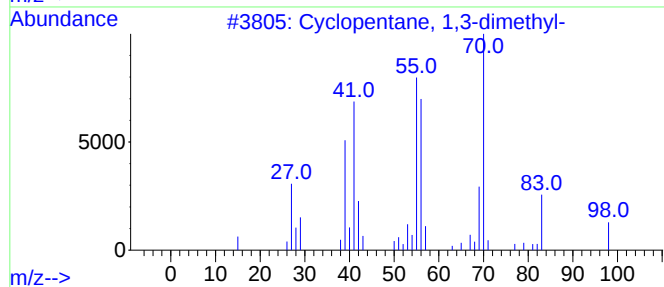
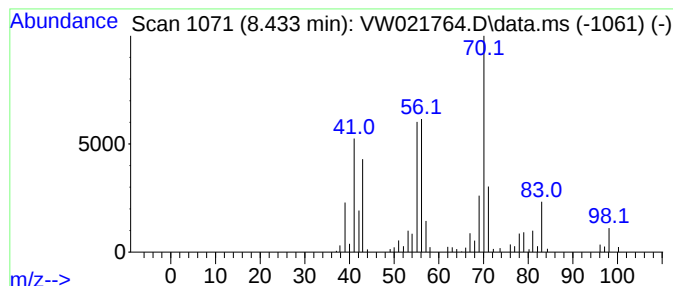
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic8.433 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.433	3.95 ug/L	64292	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	68
3		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	53
4		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53
5		Isopropylcyclobutane	98	C7H14	000872-56-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

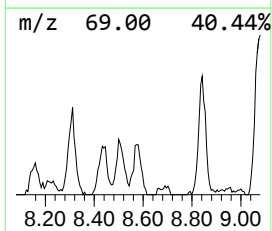
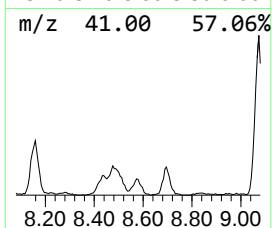
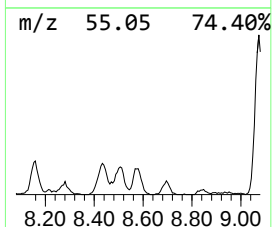
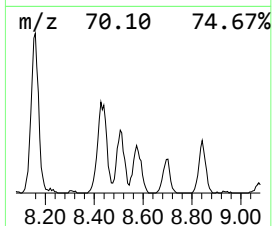
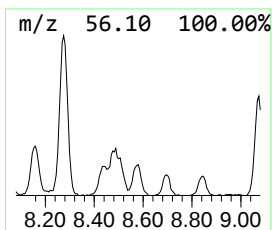
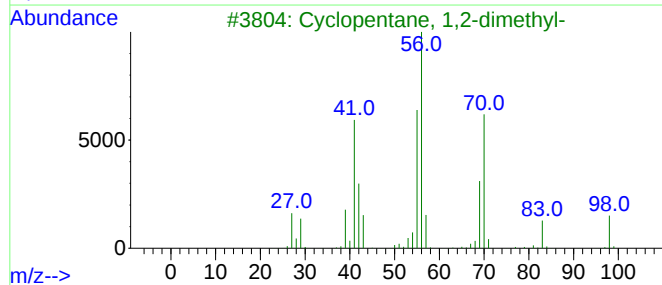
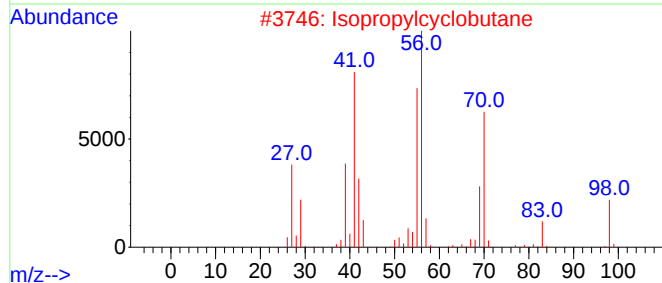
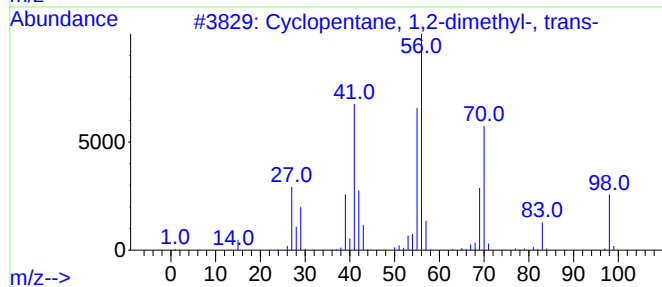
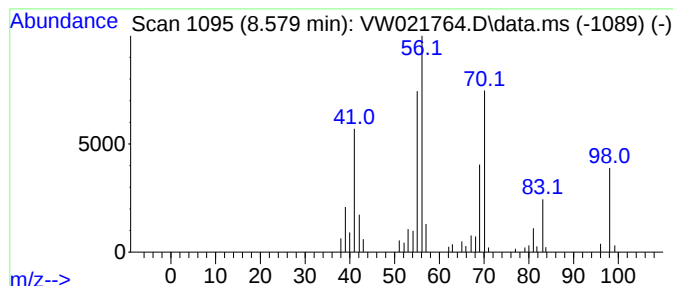
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic8.579 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.579	2.62 ug/L	42575	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
2			Isopropylcyclobutane	98	C7H14	000872-56-0	90
3			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4			1-Heptene	98	C7H14	000592-76-7	83
5			1-Heptene	98	C7H14	000592-76-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

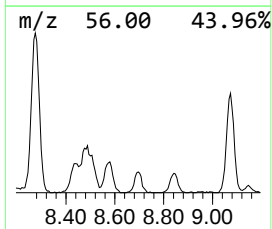
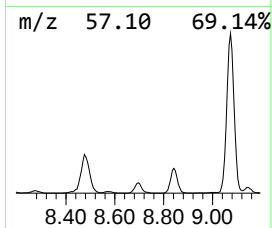
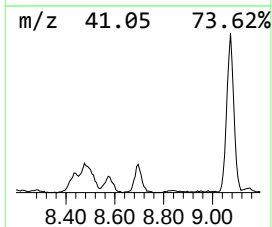
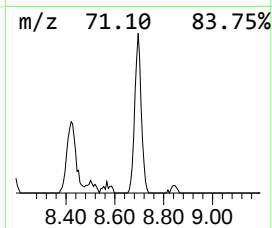
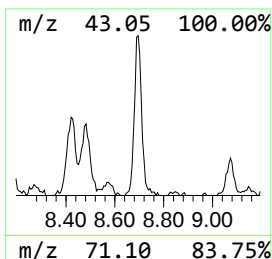
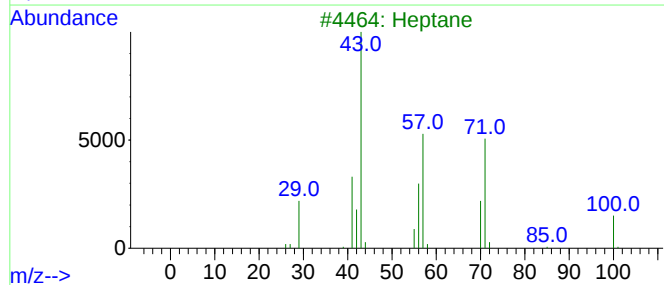
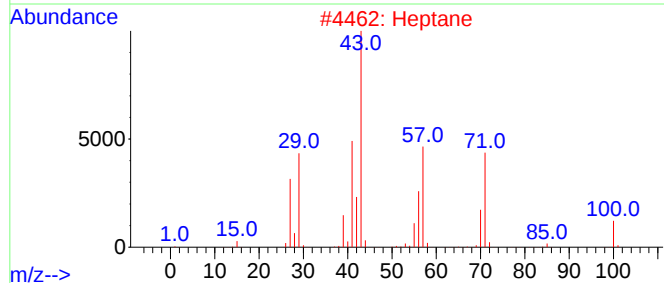
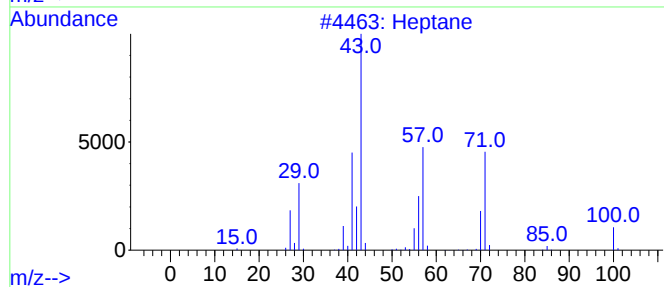
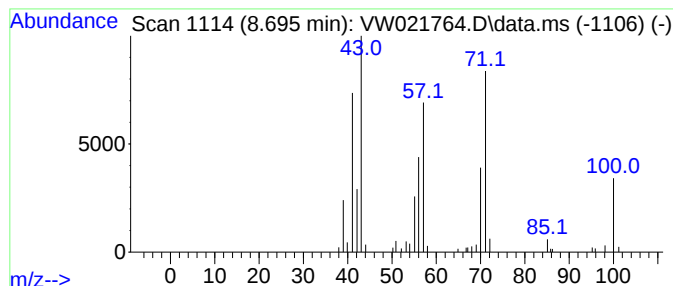
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	3.03 ug/L	49271	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane	100	C7H16	000142-82-5	83
2		Heptane	100	C7H16	000142-82-5	74
3		Heptane	100	C7H16	000142-82-5	72
4		Oxazolidine, 4,4-dimethyl-	101	C5H11NO	051200-87-4	53
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

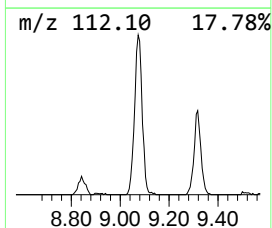
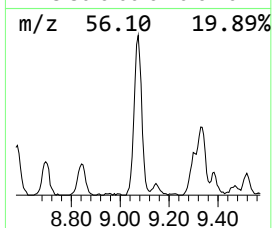
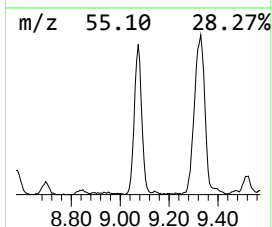
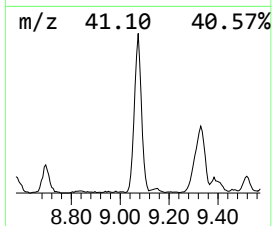
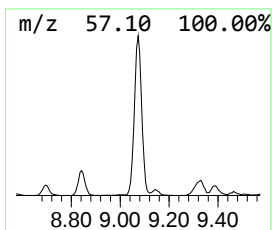
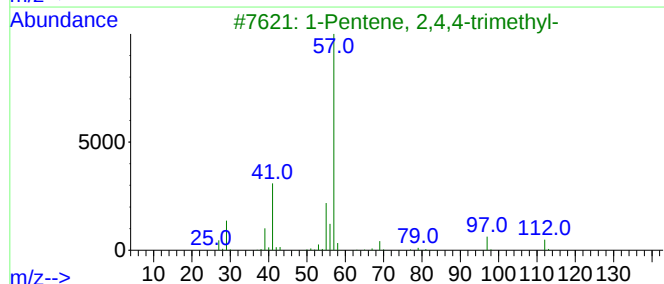
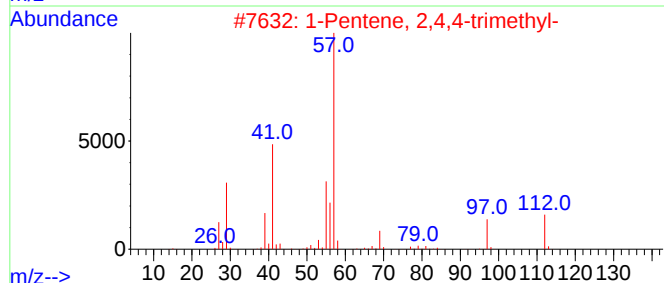
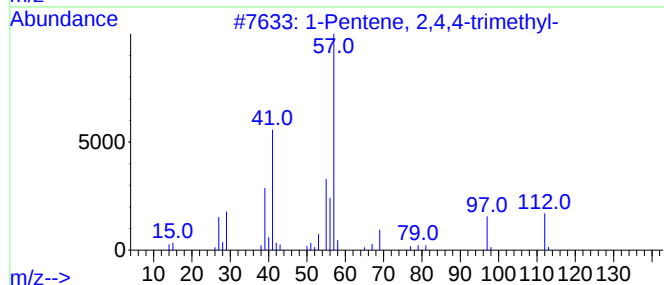
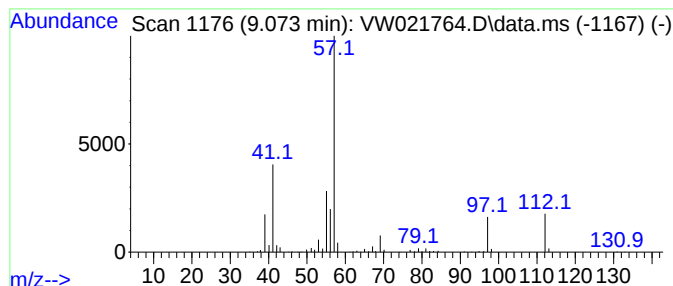
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	16.90 ug/L	274923	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	94
2		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	91
3		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
4		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	58
5		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

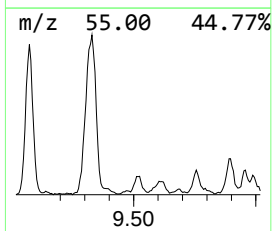
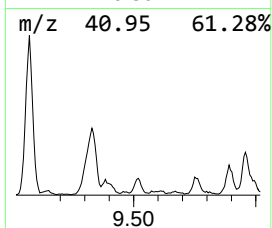
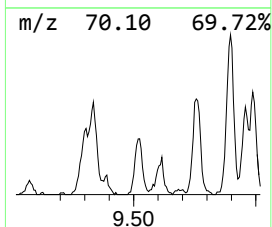
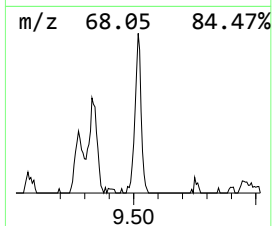
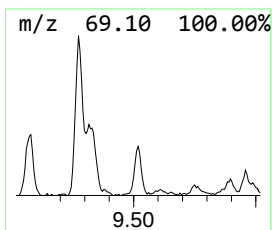
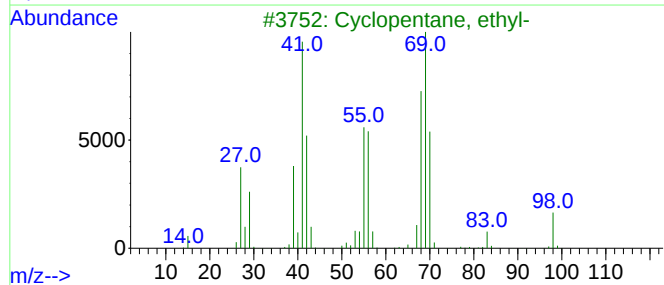
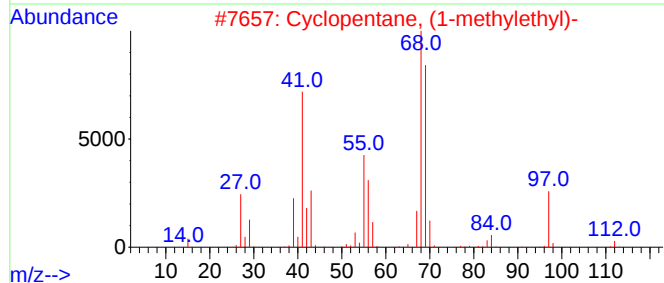
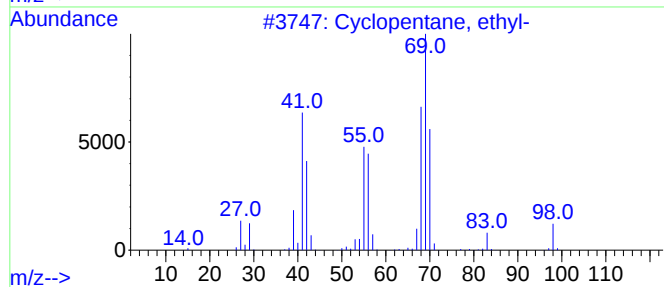
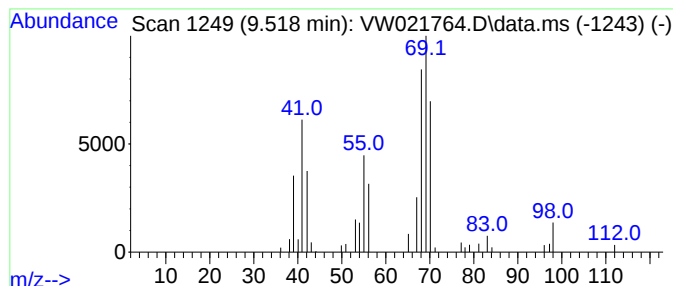
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic9.518 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.518	1.87 ug/L	30468	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, ethyl-	98	C7H14	001640-89-7	83
2			Cyclopentane, (1-methylethyl)-	112	C8H16	003875-51-2	59
3			Cyclopentane, ethyl-	98	C7H14	001640-89-7	58
4			2-Methyl-2-heptene	112	C8H16	000627-97-4	38
5			Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

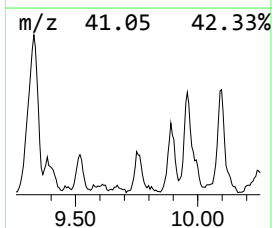
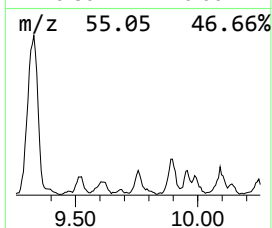
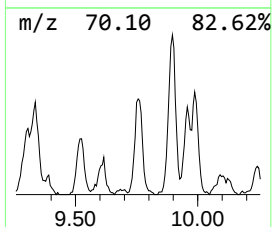
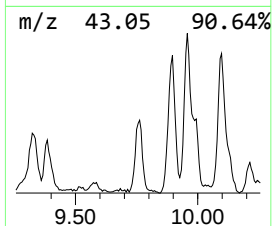
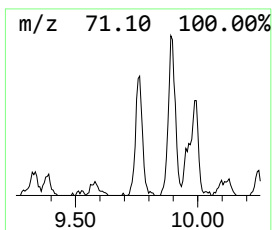
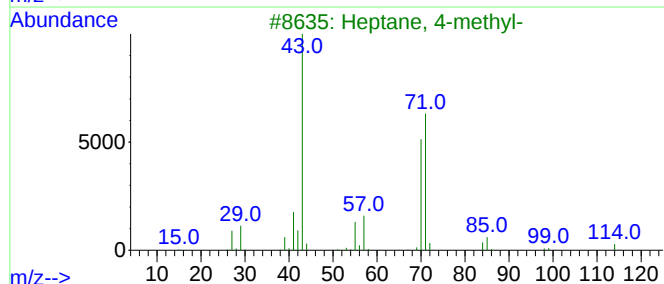
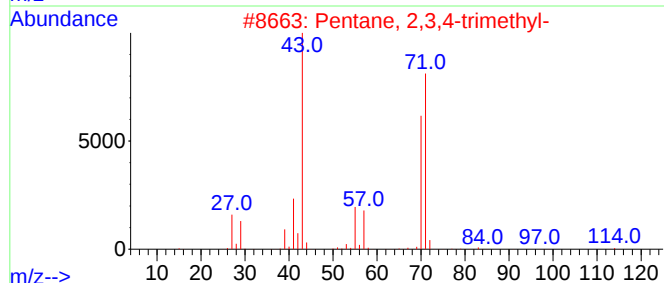
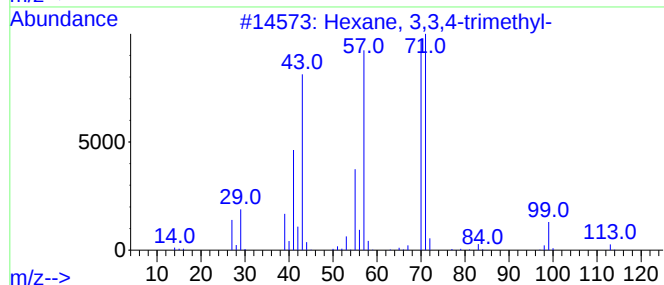
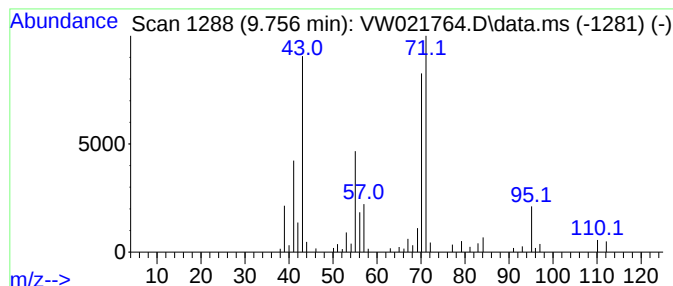
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	2.91 ug/L	47377	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

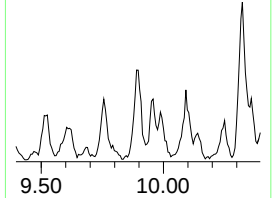
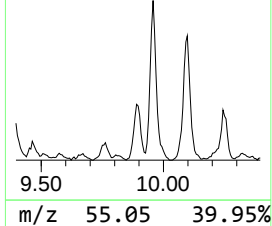
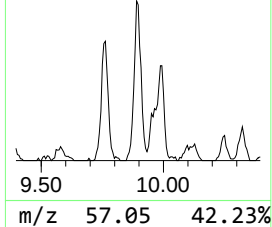
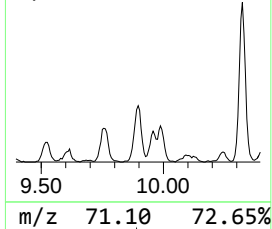
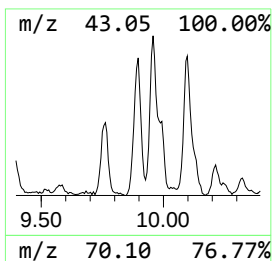
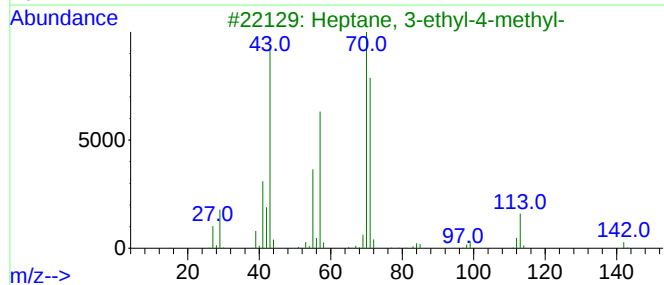
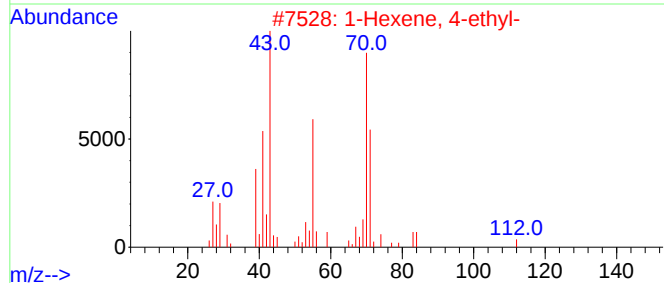
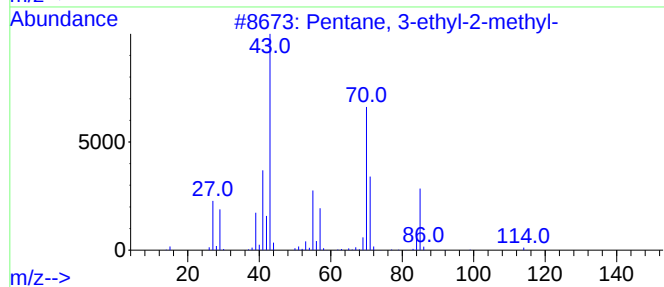
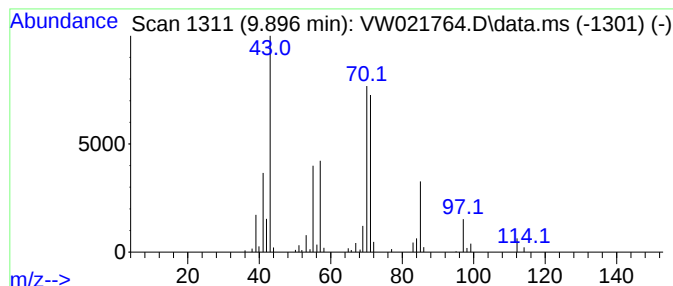
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	4.95 ug/L	80516	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	68
2			1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	64
3			Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	59
4			3,4-Diethyl hexane	142	C10H22	019398-77-7	53
5			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

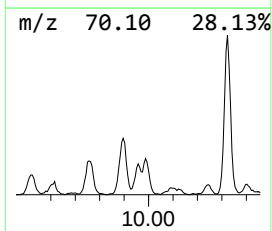
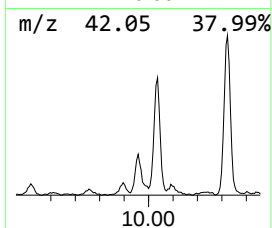
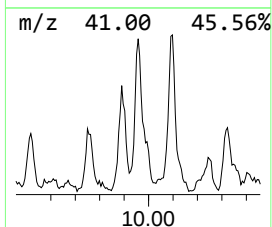
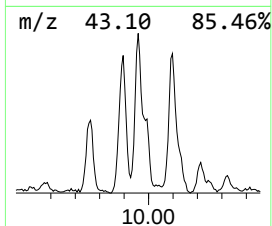
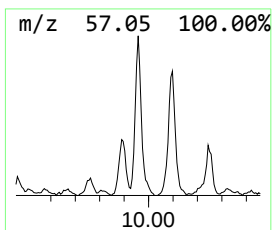
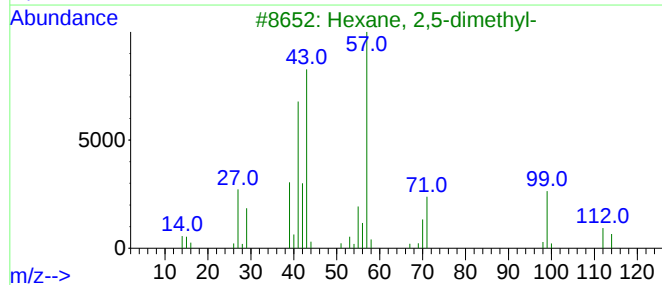
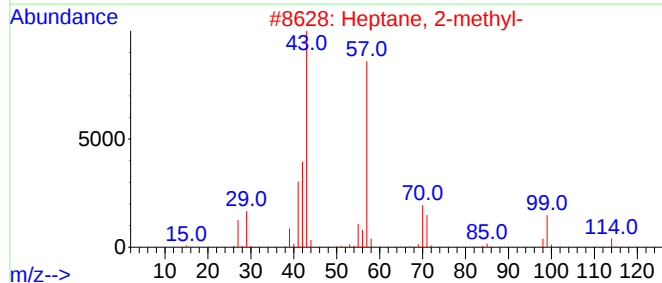
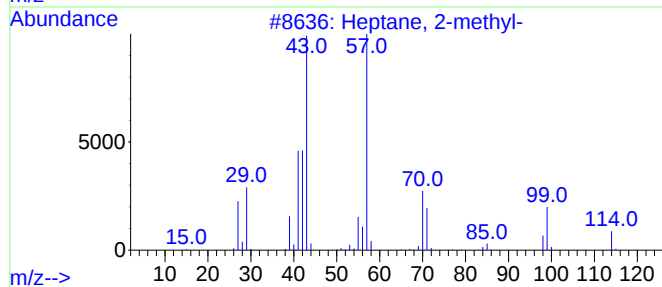
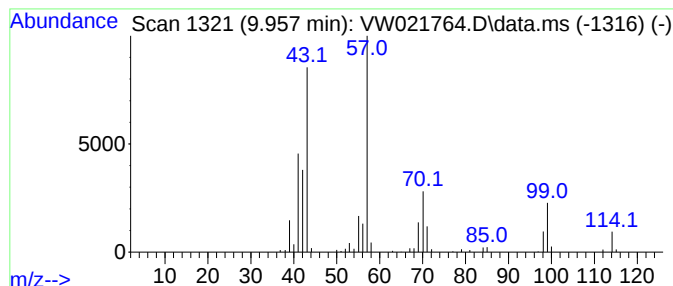
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	4.37 ug/L	71011	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
4			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5			2-Piperidinone	99	C5H9NO	000675-20-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

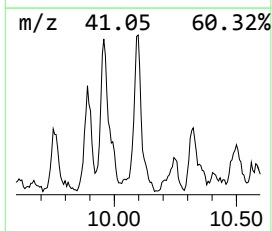
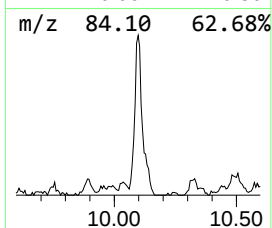
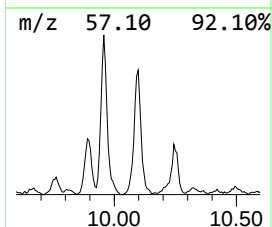
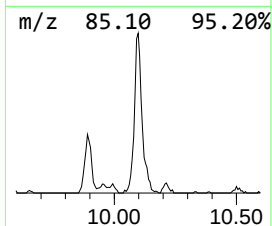
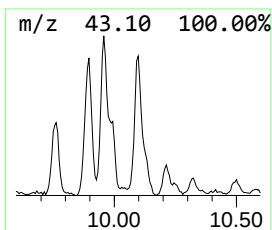
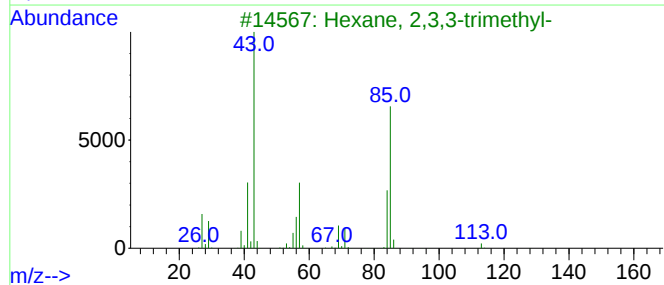
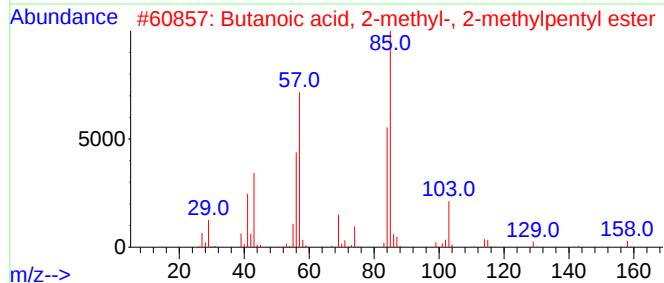
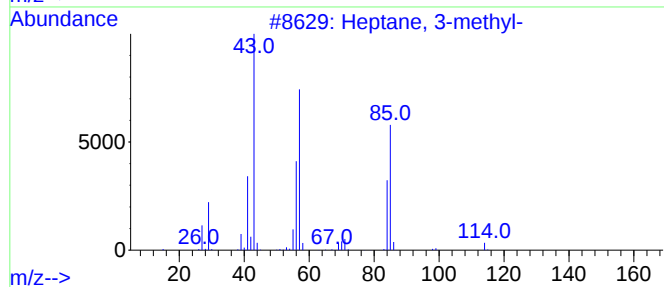
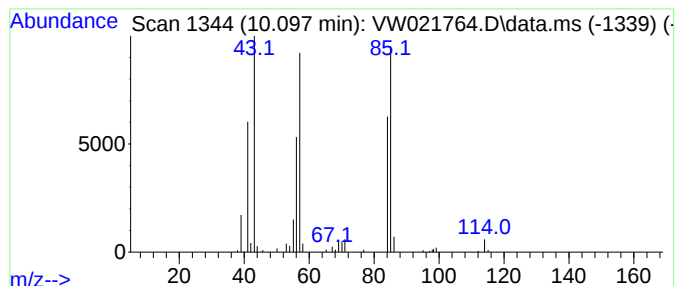
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	6.46 ug/L	105043	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			Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
3			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5			Hexane, 2-methyl-	100	C7H16	000591-76-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

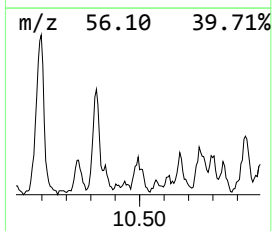
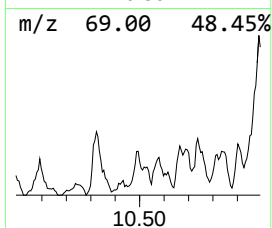
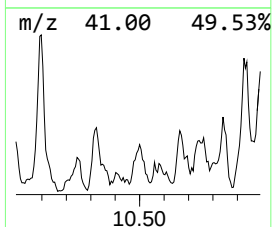
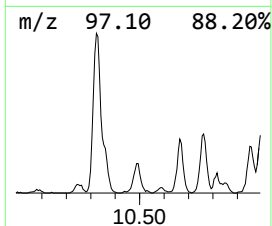
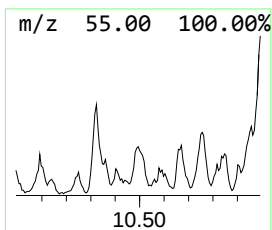
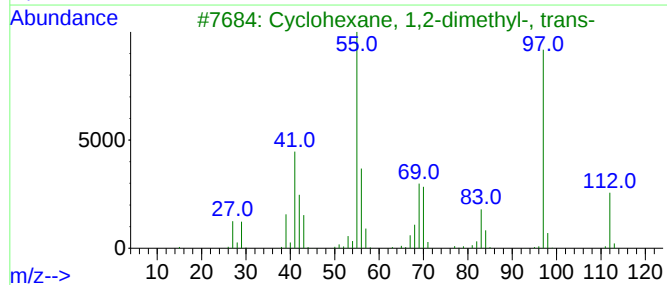
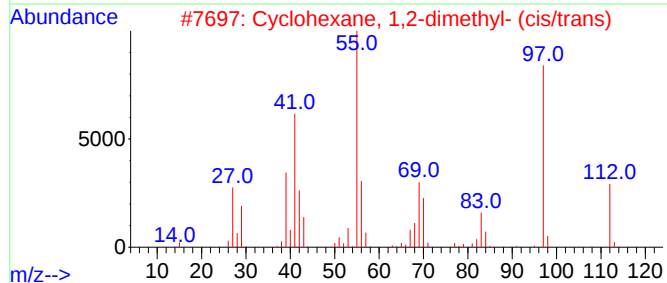
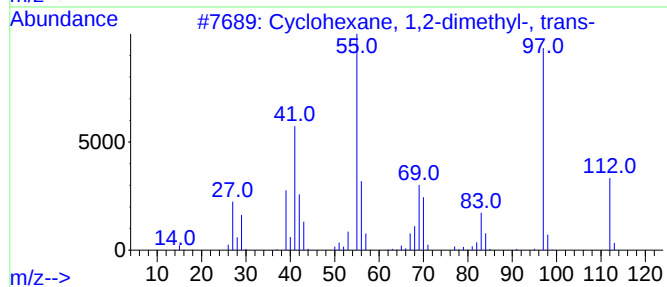
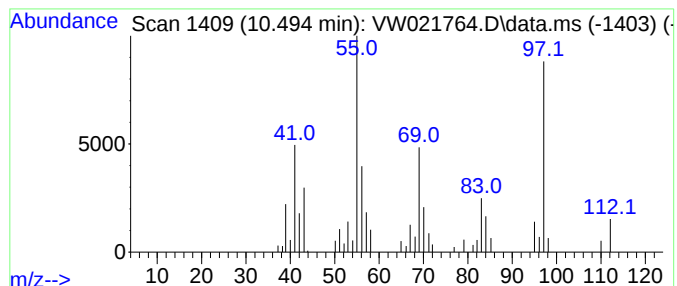
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic10.494 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.494	1.92 ug/L	39284	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	80
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

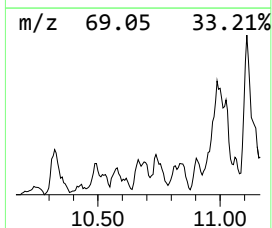
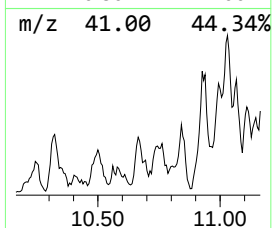
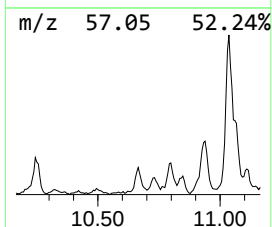
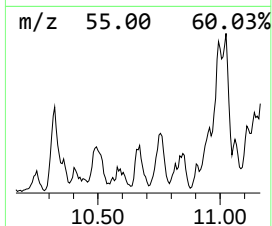
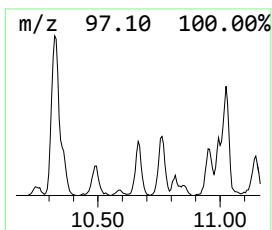
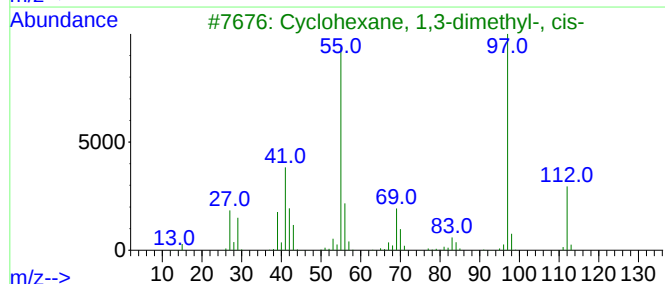
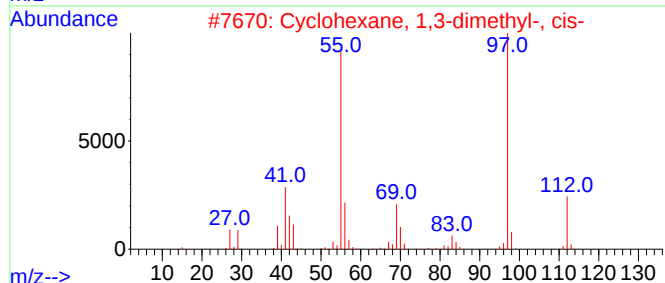
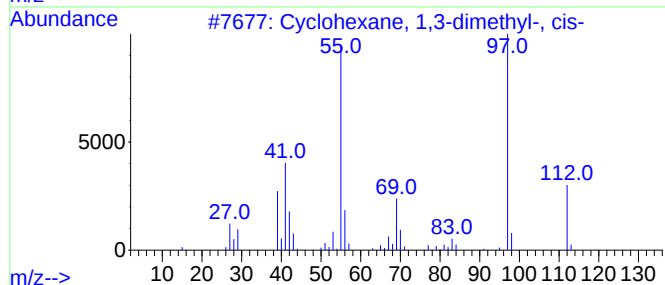
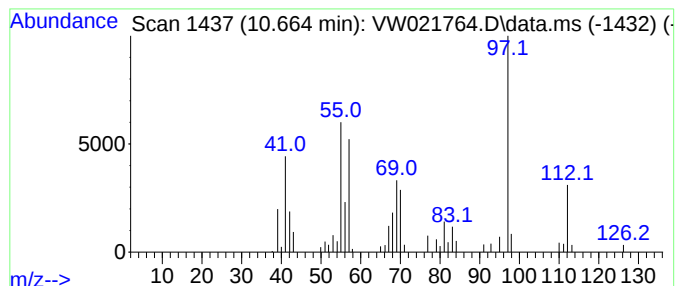
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic10.664 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	2.11 ug/L	43205	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	83
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

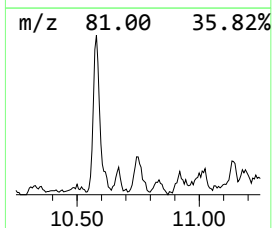
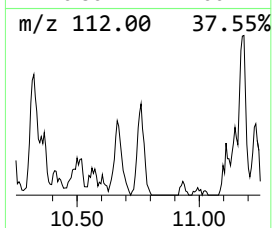
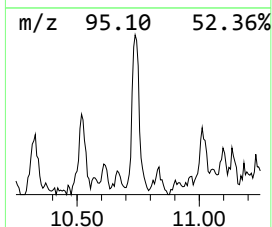
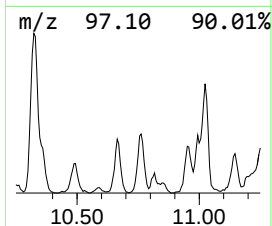
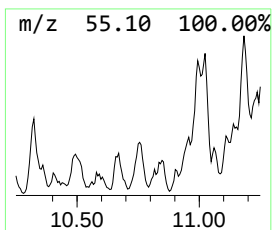
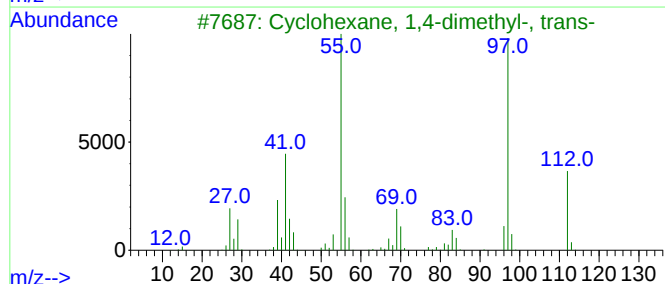
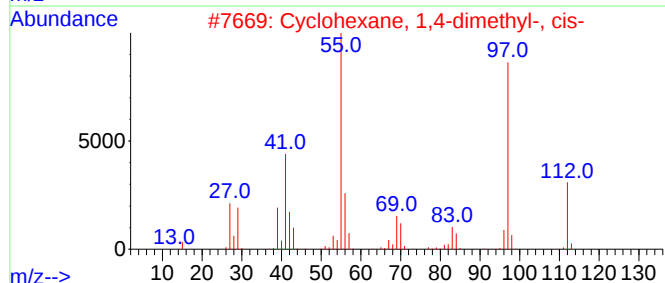
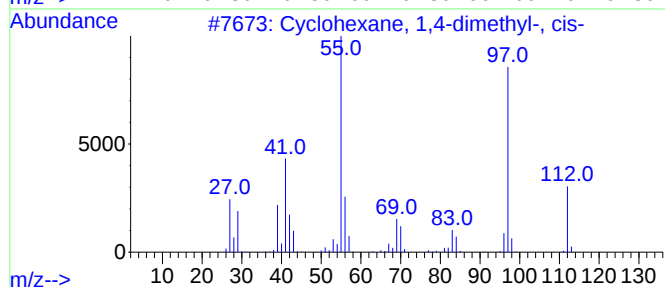
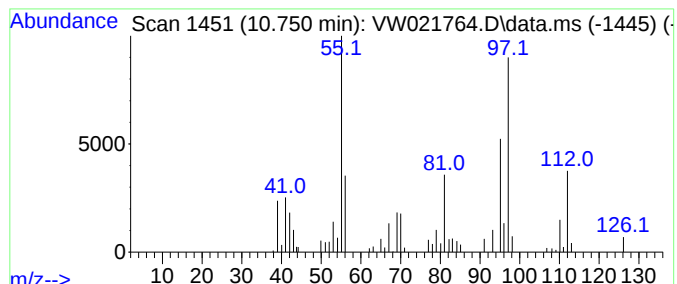
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic10.750 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.750	2.40 ug/L	49142	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	76
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	76
3			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	76
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	76
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

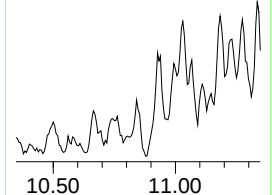
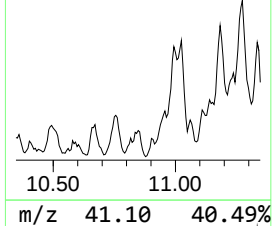
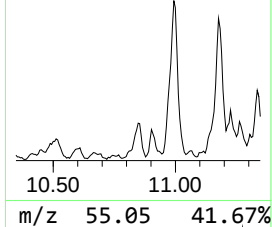
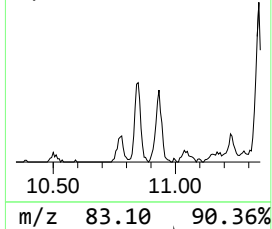
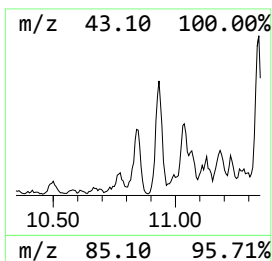
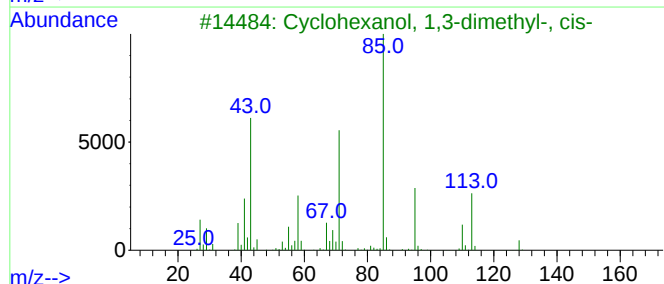
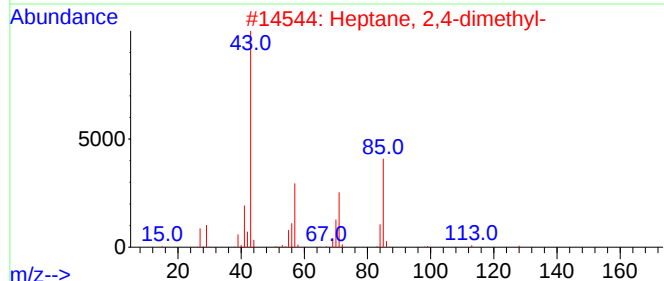
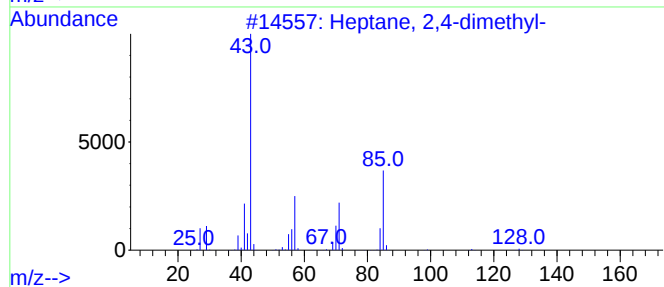
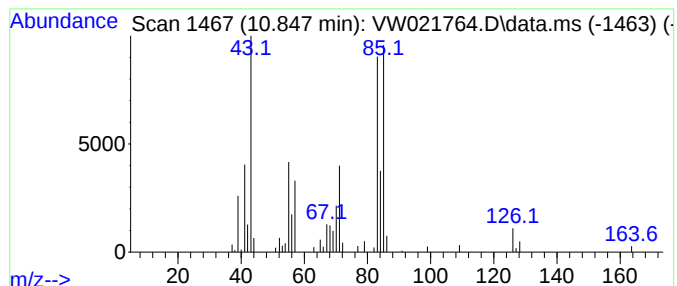
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	2.32 ug/L	47425	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
3			Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	43
4			2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	43
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

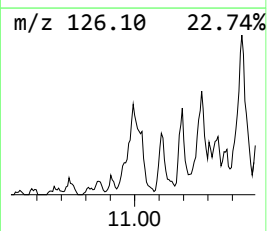
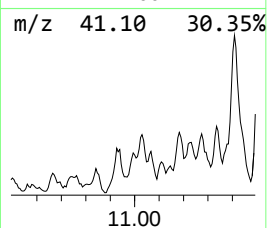
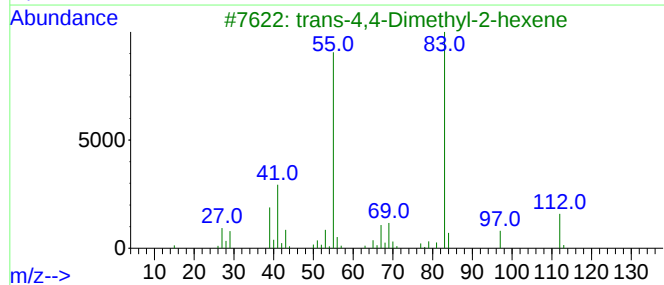
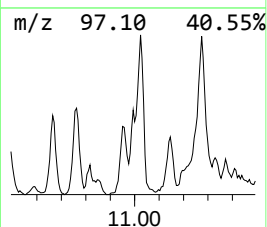
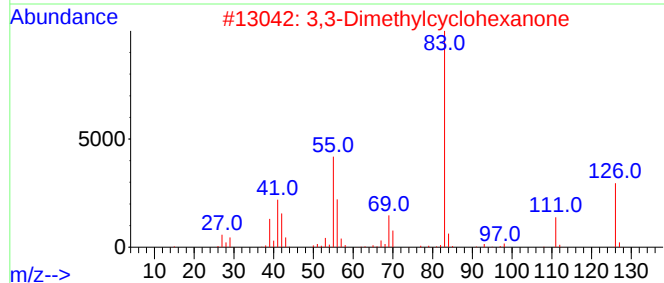
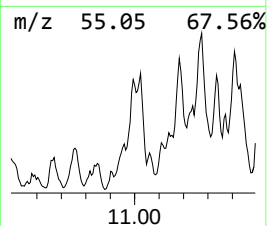
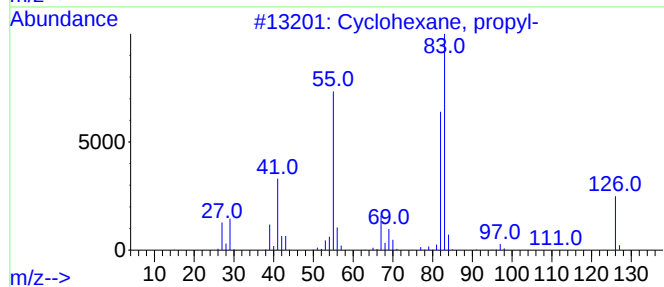
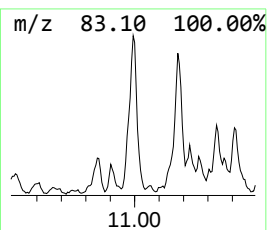
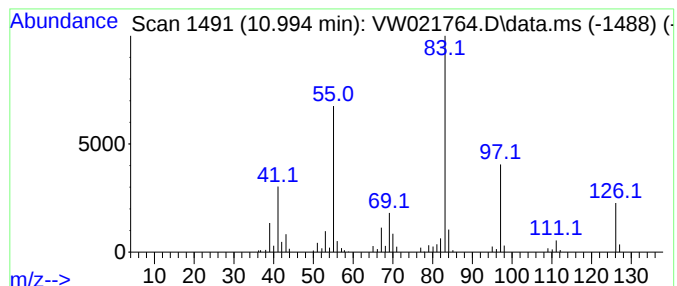
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic10.994 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	2.00 ug/L	40970	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
2			3,3-Dimethylcyclohexanone	126	C8H14O	002979-19-3	53
3			trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	50
4			Lomustine	233	C9H16ClN3O2	013010-47-4	50
5			3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

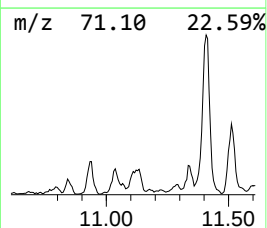
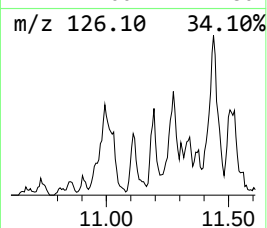
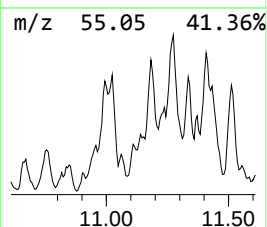
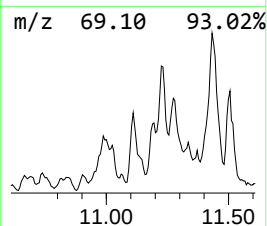
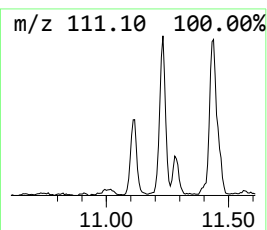
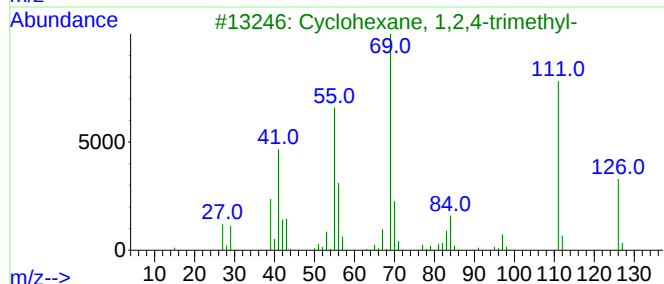
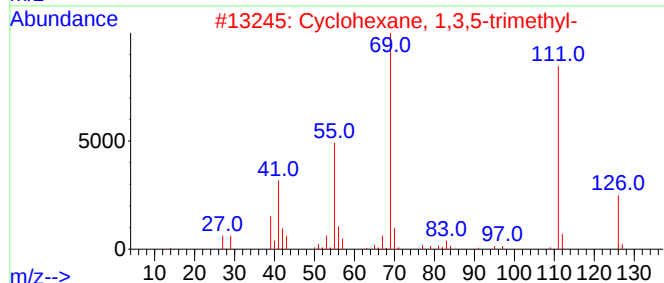
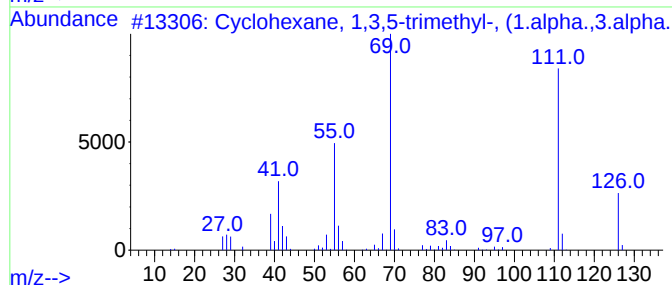
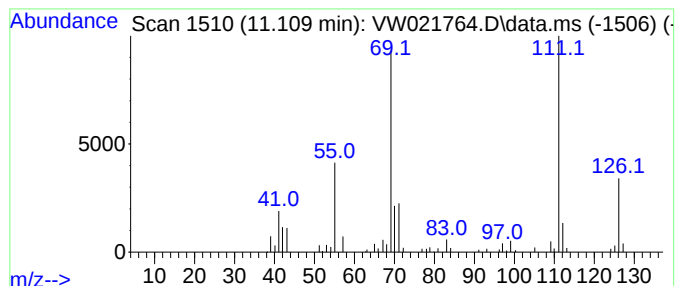
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic11.110 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	2.02 ug/L	41285	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	74
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

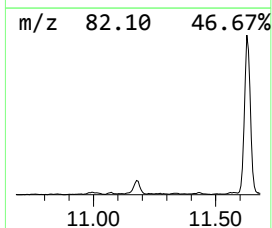
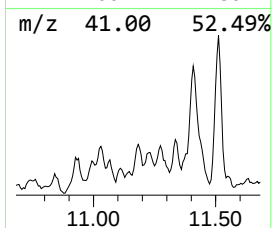
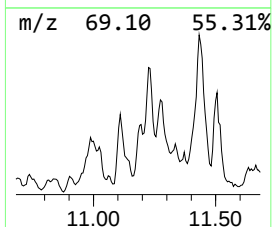
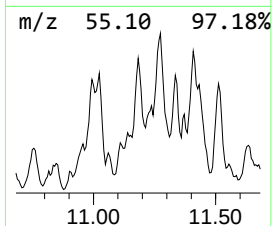
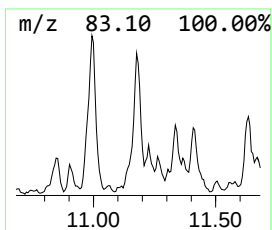
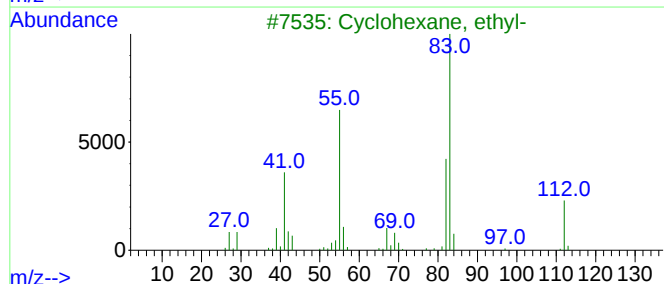
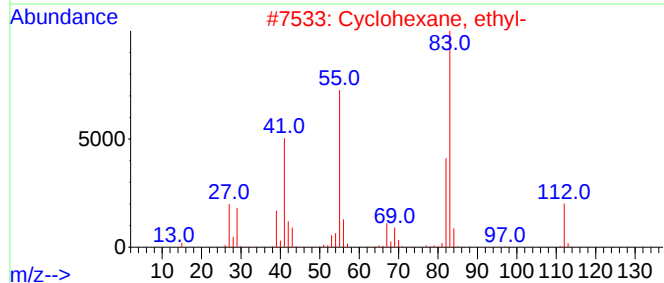
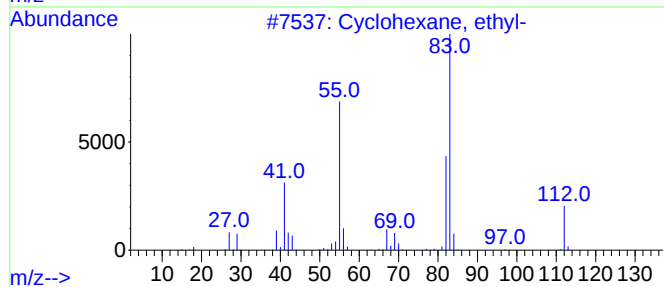
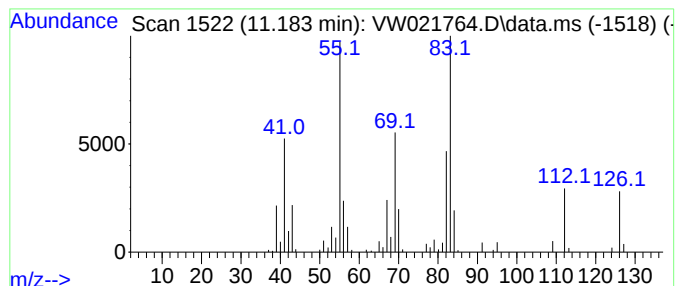
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic11.183 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	3.51 ug/L	71773	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	52
4			3-Heptene, 3-methyl-	112	C8H16	007300-03-0	49
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

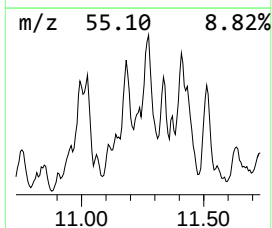
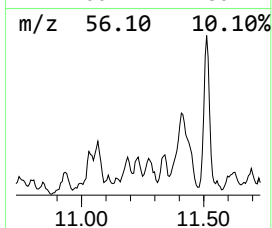
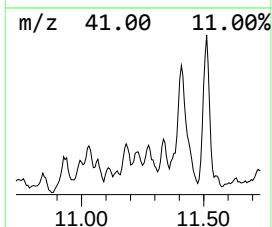
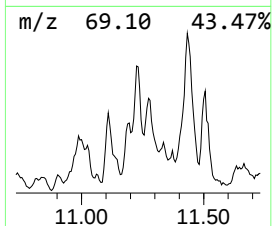
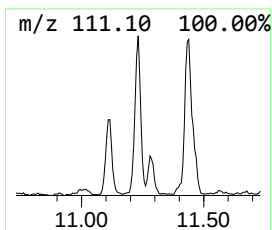
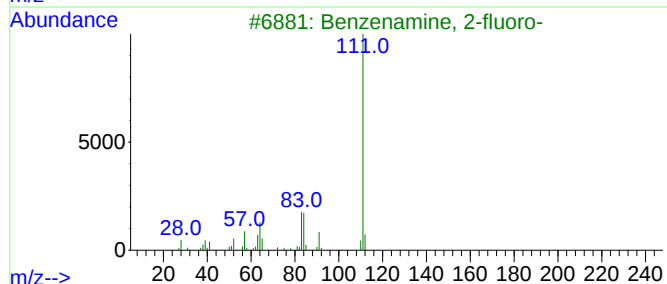
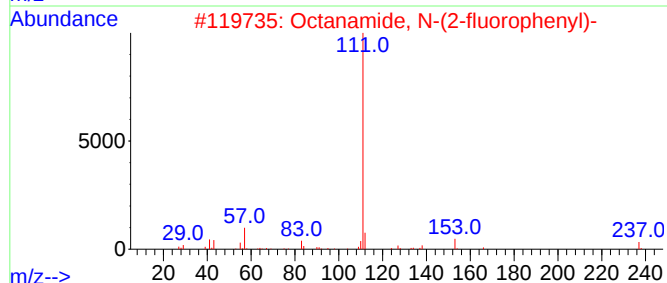
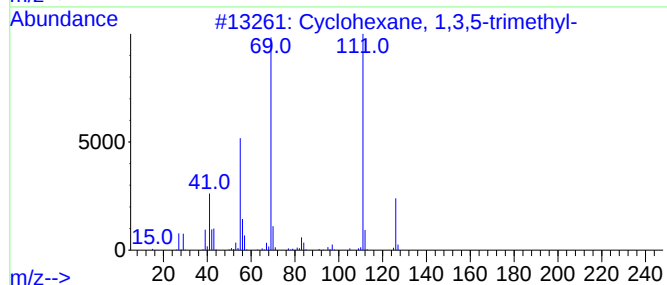
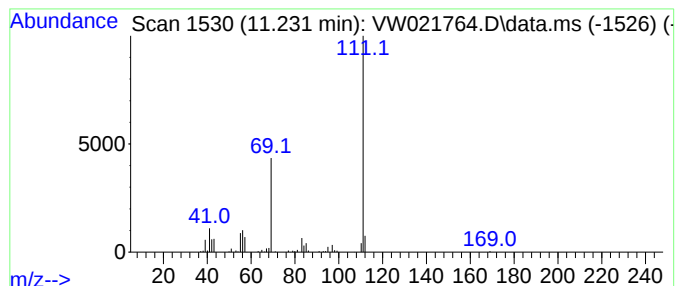
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic11.231 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	2.18 ug/L	44524	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	56
2			Octanamide, N-(2-fluorophenyl)-	237	C14H20FNO	1000308-43-8	45
3			Benzenamine, 2-fluoro-	111	C6H6FN	000348-54-9	45
4			1-Butanone, 1-(2-thienyl)-	154	C8H10OS	005333-83-5	45
5			1-Cyclohexanone, 3-butyl-3-methyl-	168	C11H20O	051756-29-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

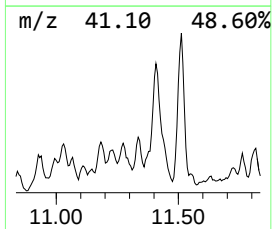
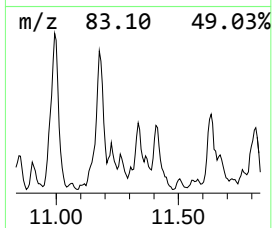
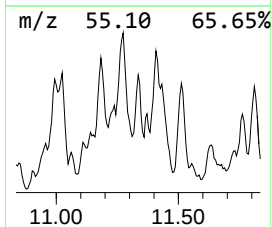
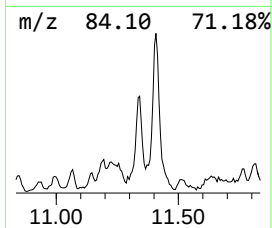
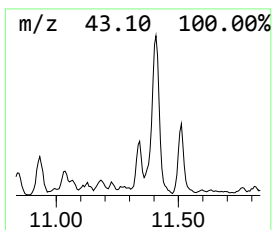
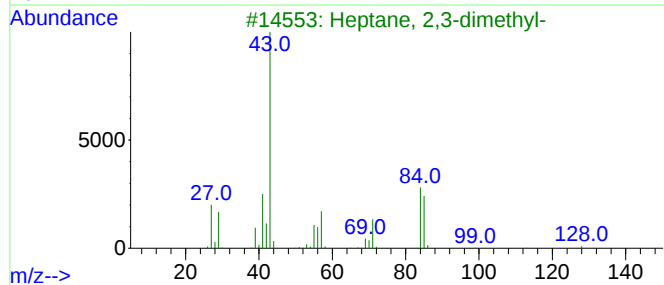
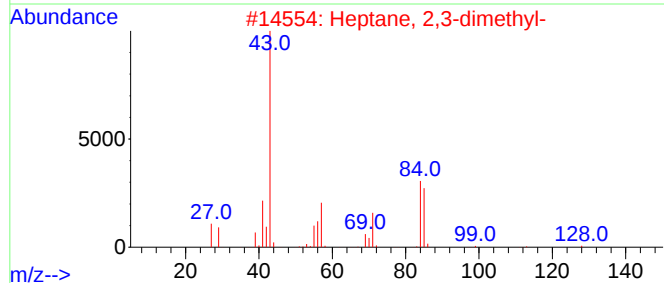
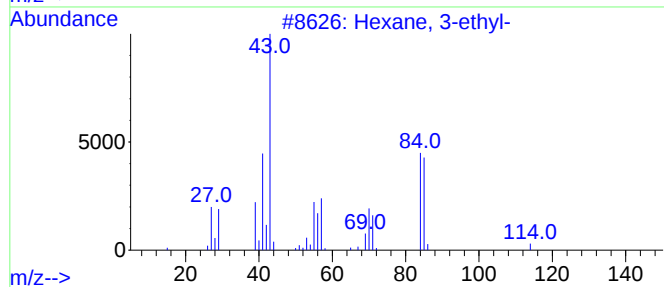
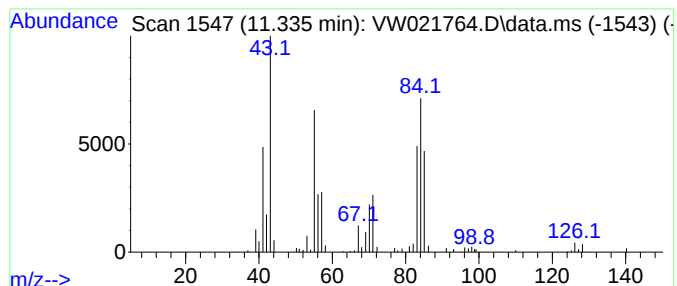
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	3.17 ug/L	64898	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	58
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
4			1-Octene, 4-methyl-	126	C9H18	013151-12-7	46
5			Hexanal, 3,3-dimethyl-	128	C8H16O	055320-57-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

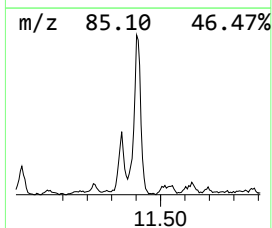
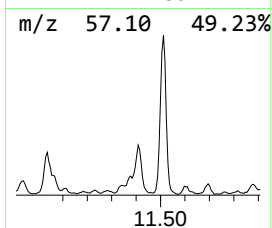
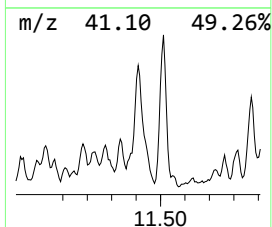
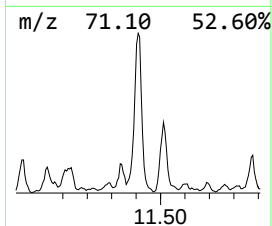
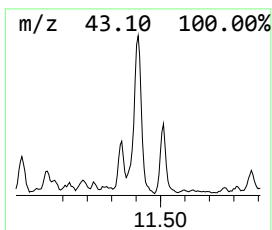
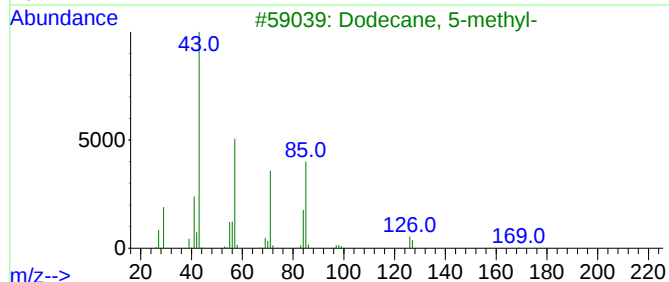
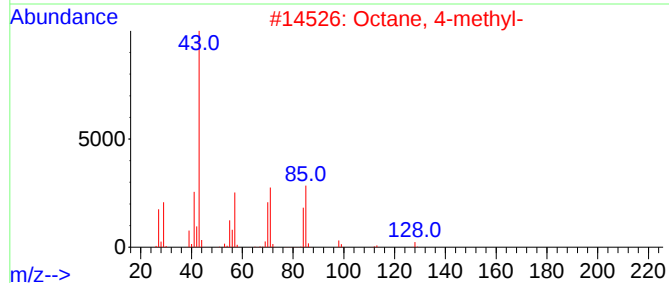
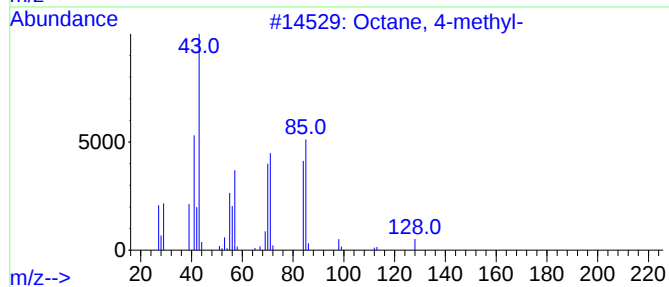
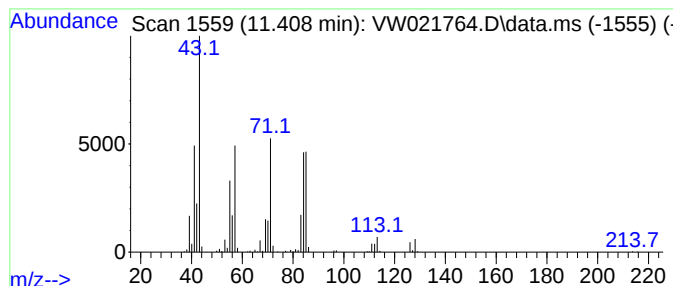
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	18.26 ug/L	373266	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	80
2	Octane, 4-methyl-			128	C9H20	002216-34-4	58
3	Dodecane, 5-methyl-			184	C13H28	017453-93-9	50
4	2-Pentanone, 5,5'-oxybis-			186	C10H18O3	093677-66-8	47
5	Heptane, 2,3-dimethyl-			128	C9H20	003074-71-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

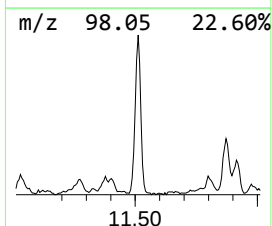
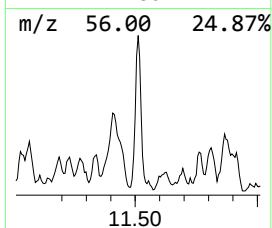
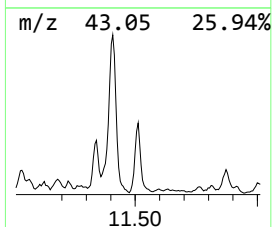
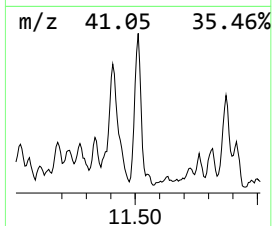
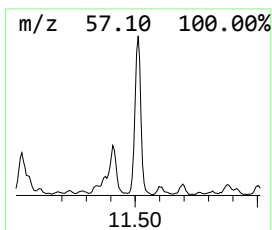
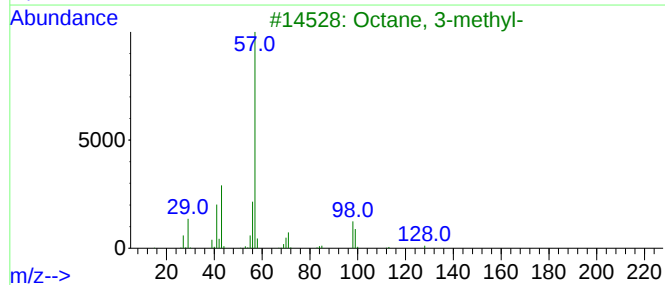
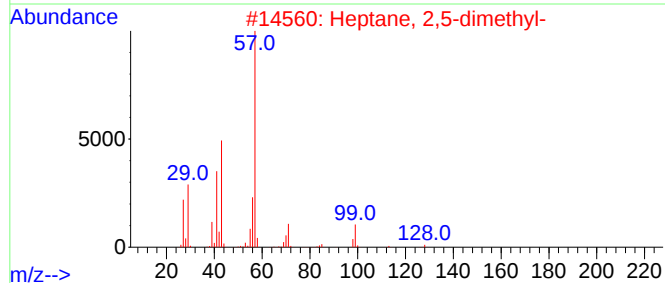
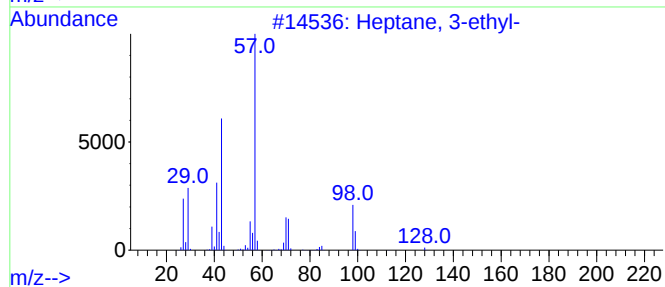
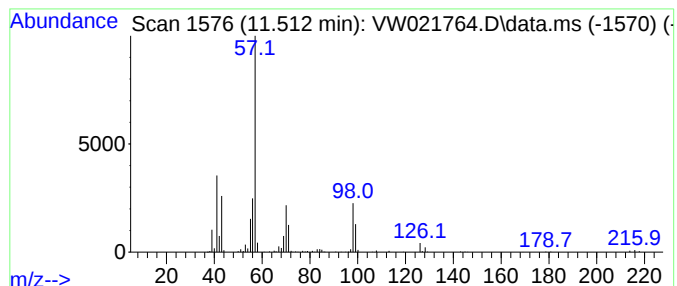
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	13.23 ug/L	270562	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-	128	C9H20	015869-80-4	52
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
3		Octane, 3-methyl-	128	C9H20	002216-33-3	52
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

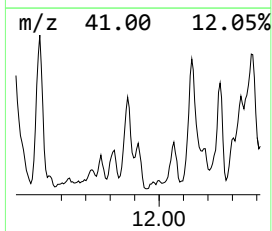
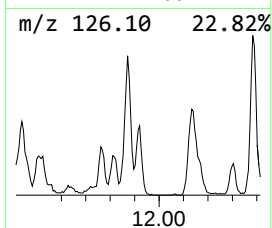
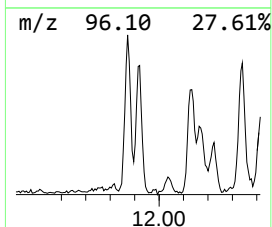
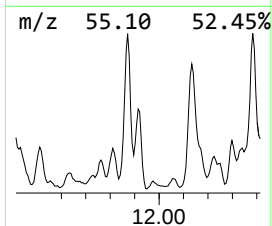
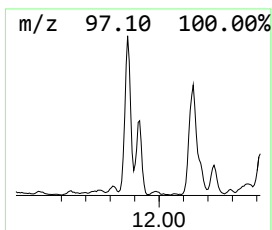
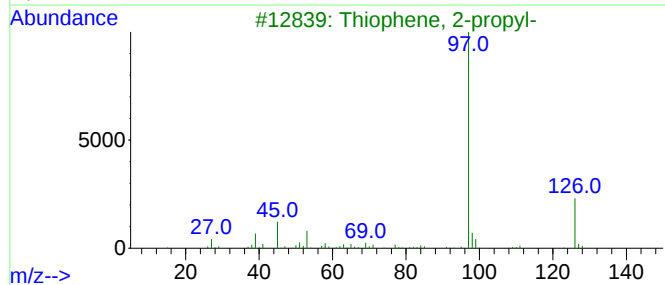
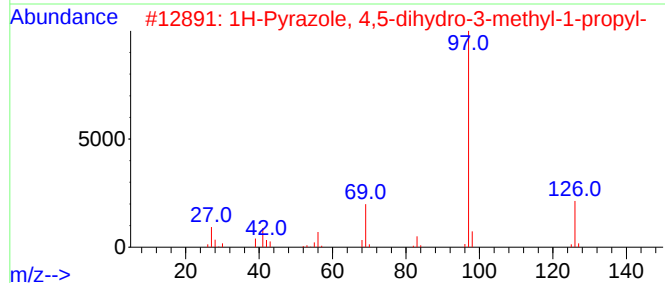
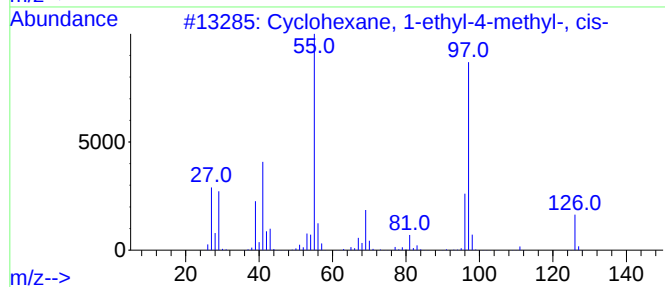
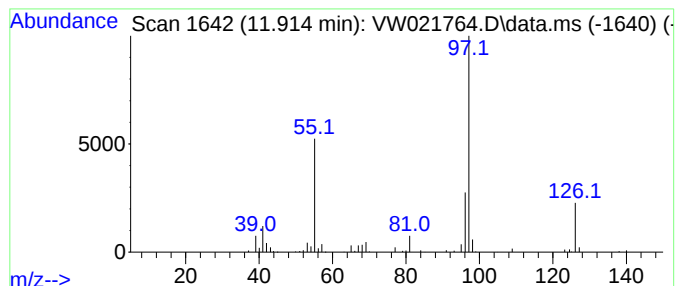
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic11.914 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	5.88 ug/L	120259	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
2			1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	59
3			Thiophene, 2-propyl-	126	C7H10S	001551-27-5	58
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	56
5			5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

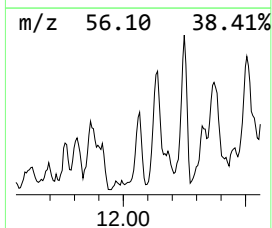
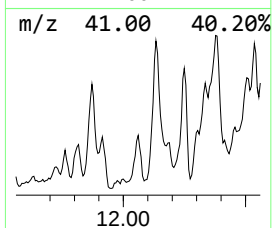
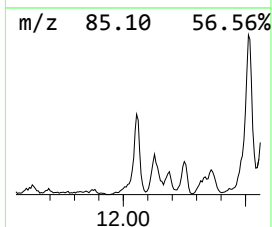
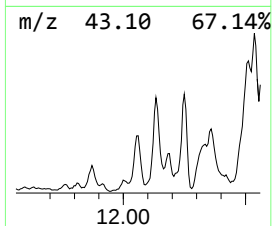
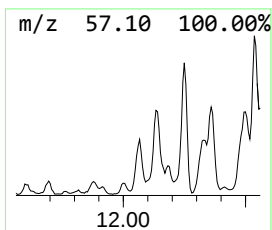
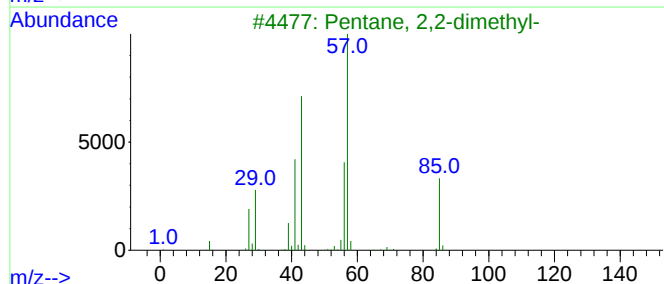
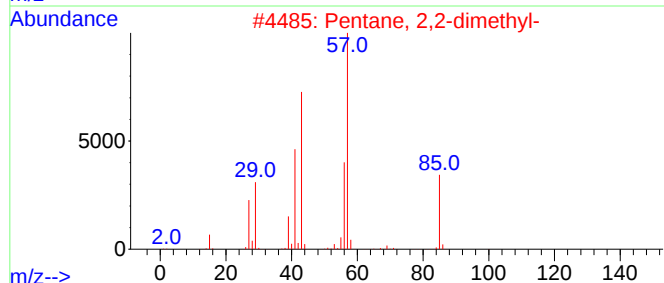
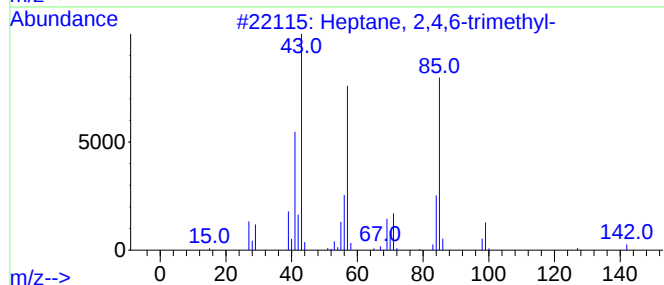
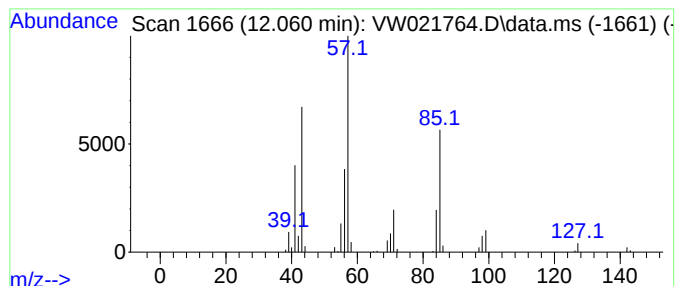
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	4.30 ug/L	87941	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	49
2			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
4			4,4-Dimethyl octane	142	C10H22	015869-95-1	47
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

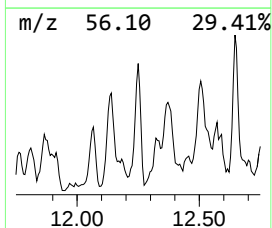
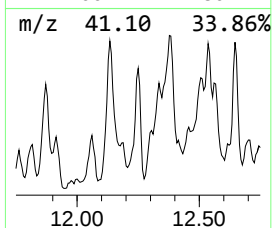
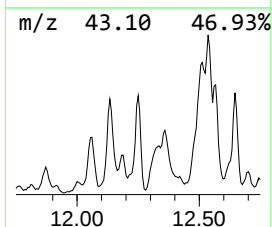
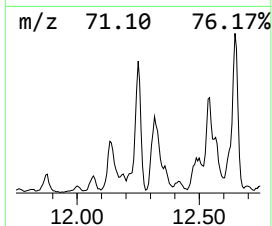
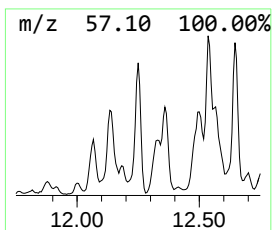
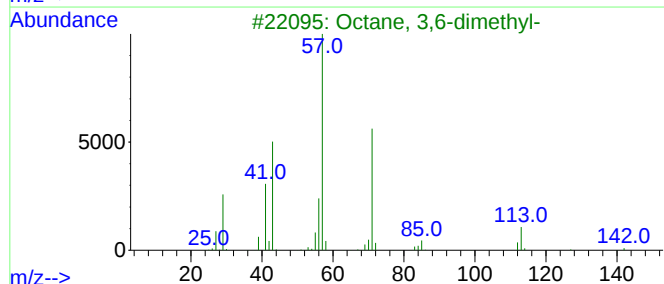
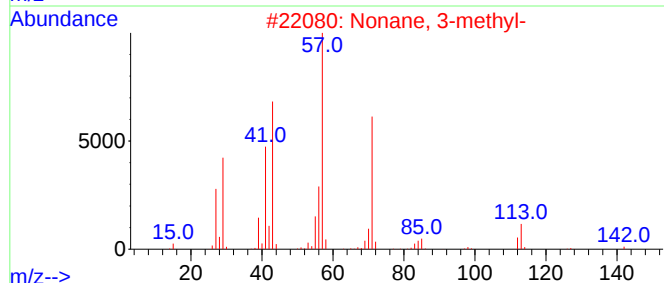
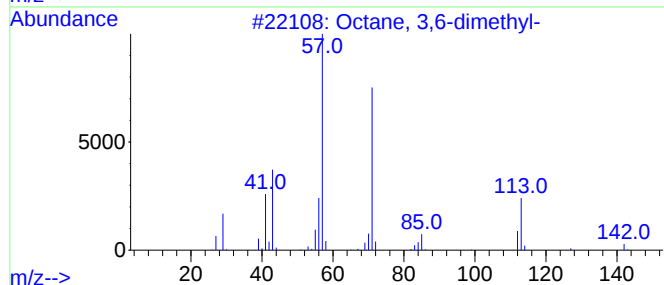
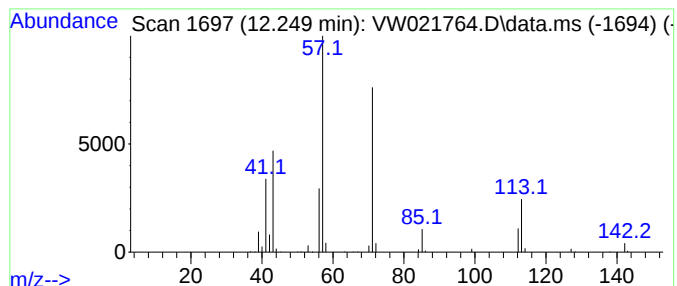
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	8.22 ug/L	168115	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

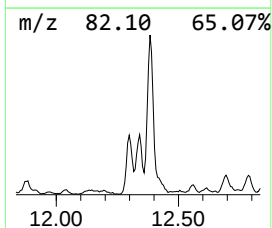
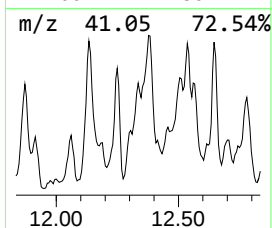
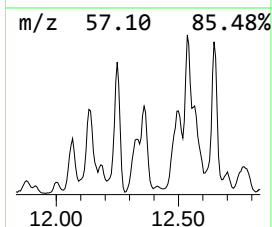
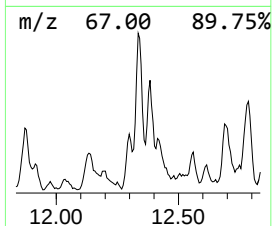
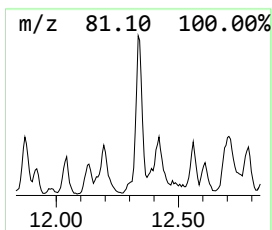
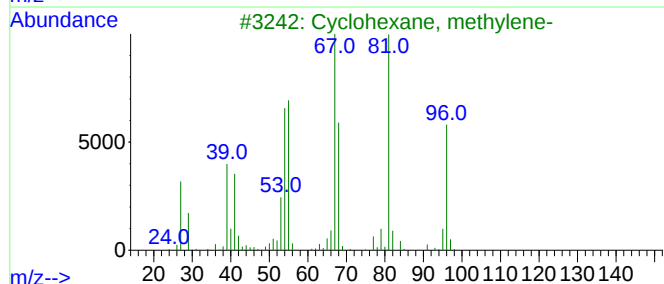
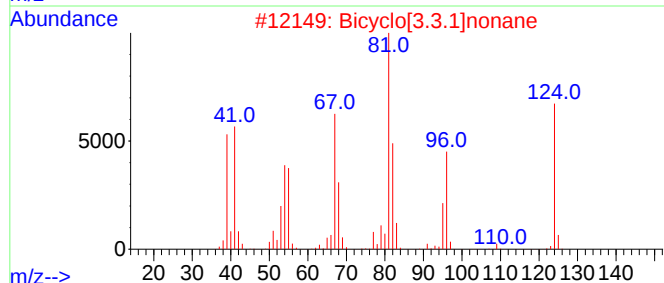
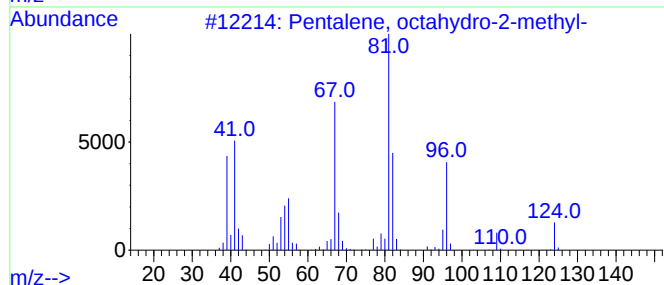
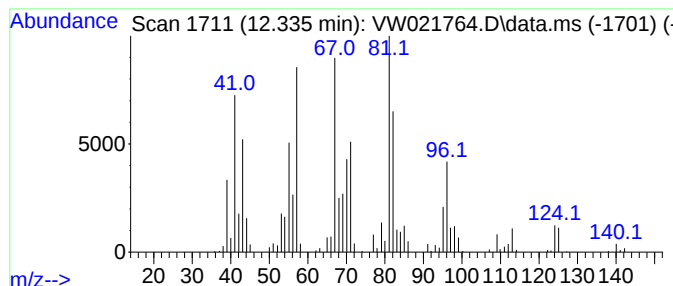
Instrument :
MSVOA_W
ClientSampleId :
BGLG9

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Quant Title : SFAM01.0

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

Peak Number 34 Pentalene, octahydro-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.335	19.07 ug/L	389866	Chlorobenzene-d5			11.628
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-		124	C9H16	003868-64-2	70
2	Bicyclo[3.3.1]nonane		124	C9H16	000280-65-9	62
3	Cyclohexane, methylene-		96	C7H12	001192-37-6	55
4	Cyclohexene, 1-butyl-		138	C10H18	003282-53-9	53
5	Bicyclo[3.3.1]nonane		124	C9H16	000280-65-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

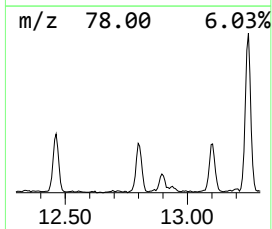
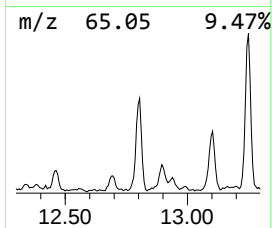
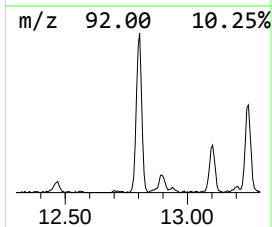
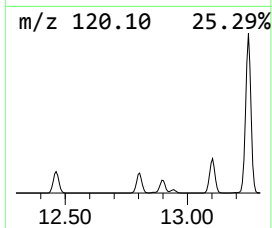
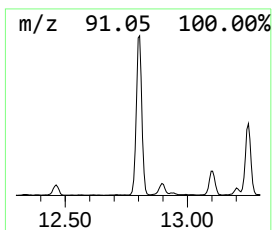
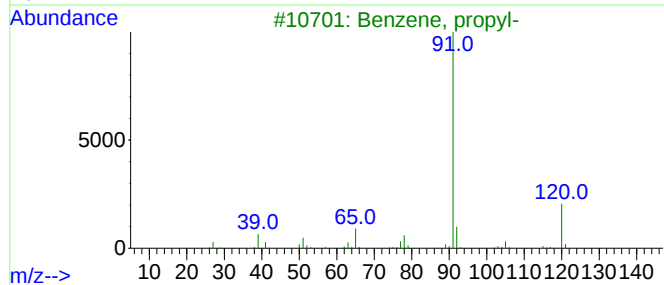
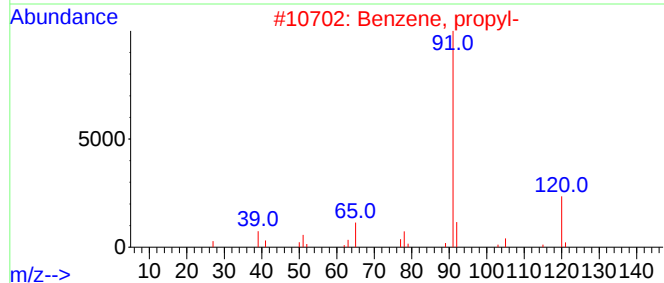
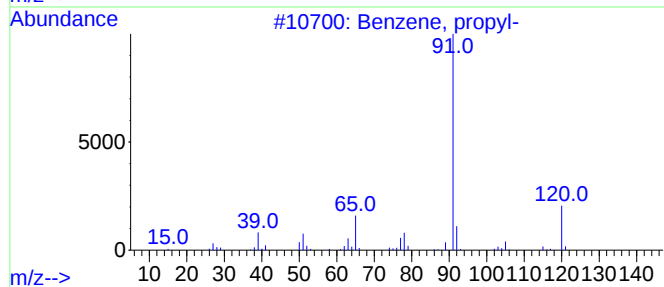
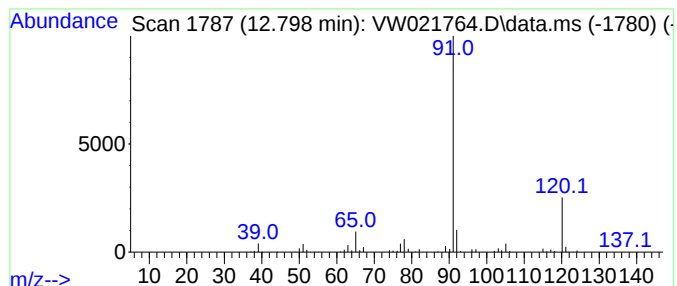
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Quant Title : SFAM01.0

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

Peak Number 35 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	29.23 ug/L	493981	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	90
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Benzene, propyl-	120	C9H12	000103-65-1	87
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

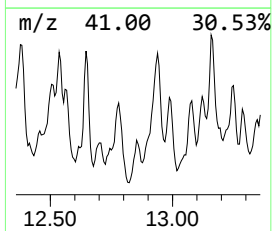
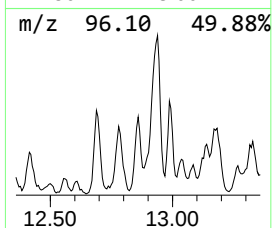
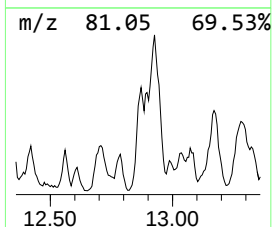
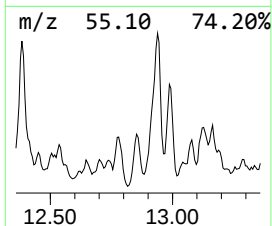
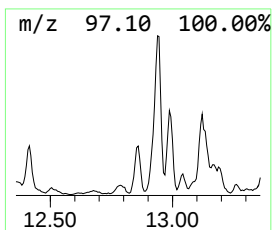
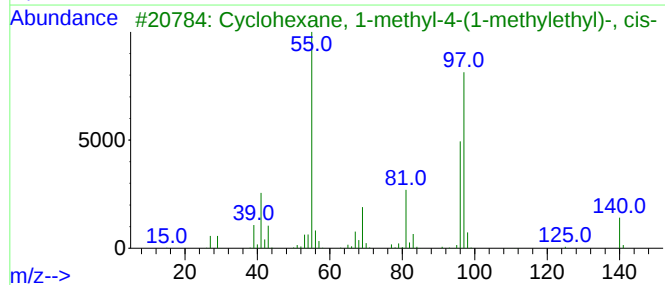
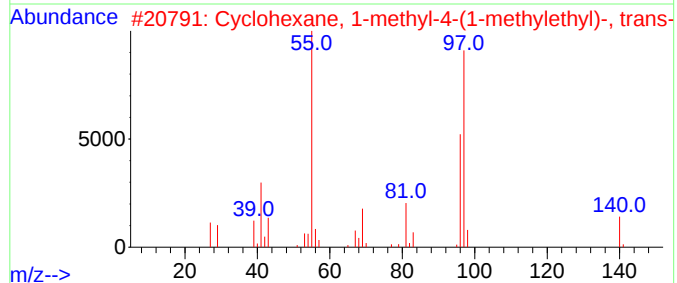
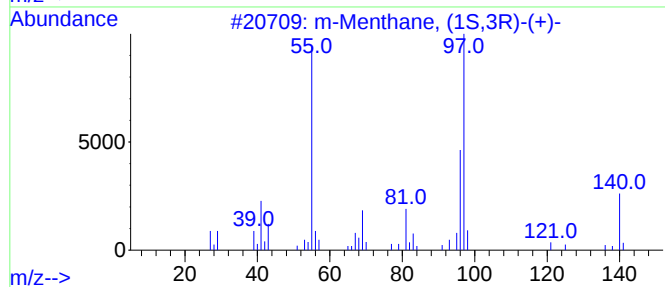
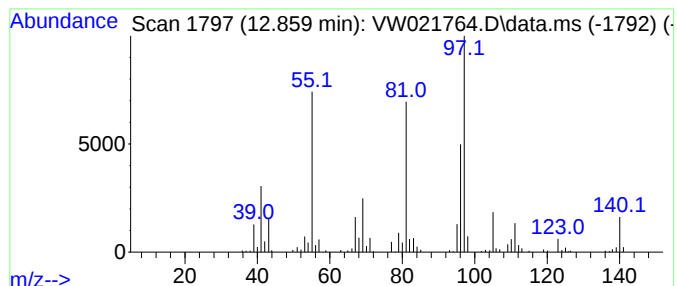
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	6.66 ug/L	112643	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	74
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	59
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

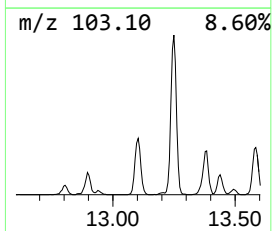
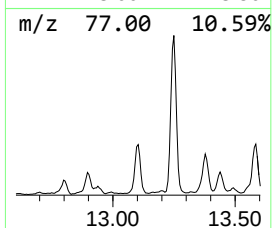
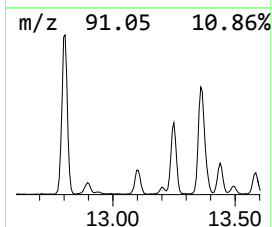
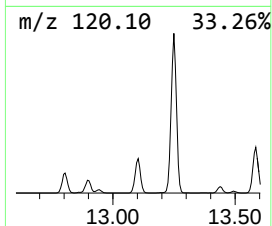
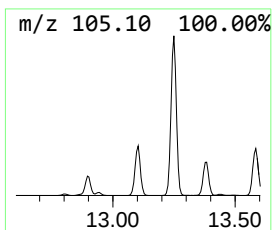
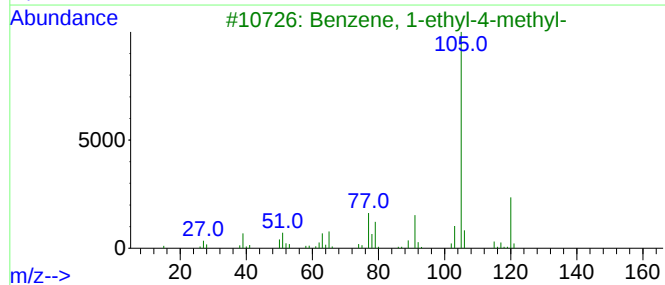
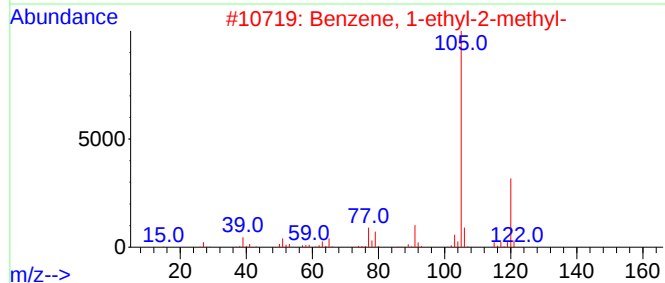
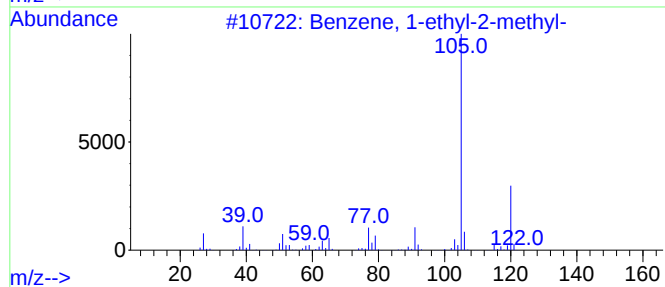
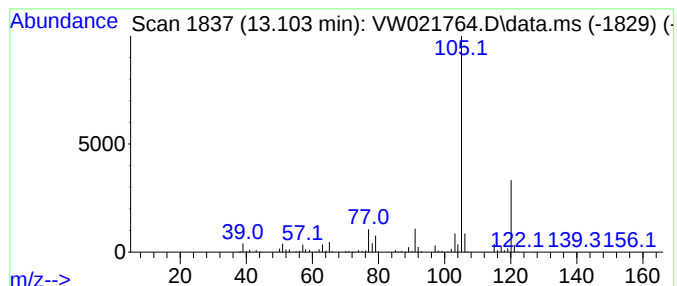
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Quant Title : SFAM01.0

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

Peak Number 37 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	44.40 ug/L	750529	1,4-Dichlorobenzene-d4	13.554

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-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

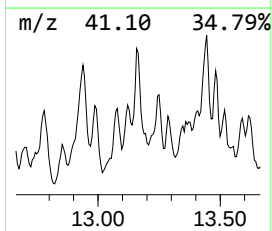
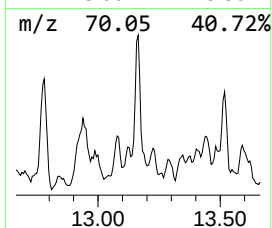
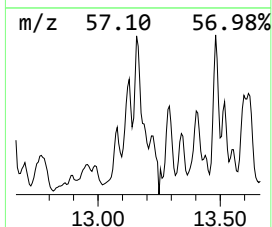
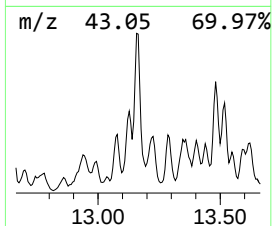
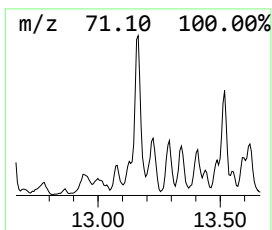
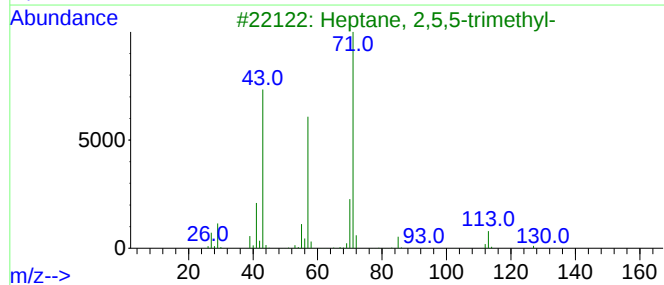
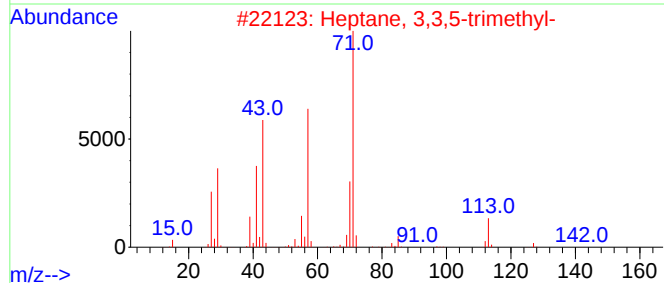
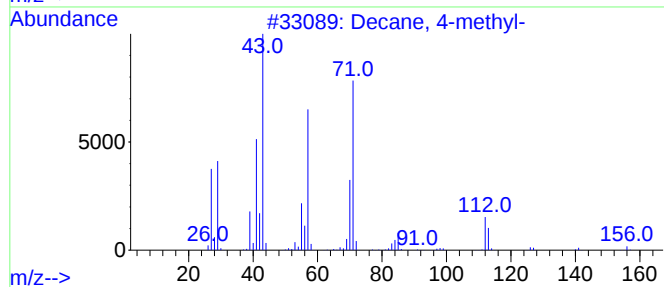
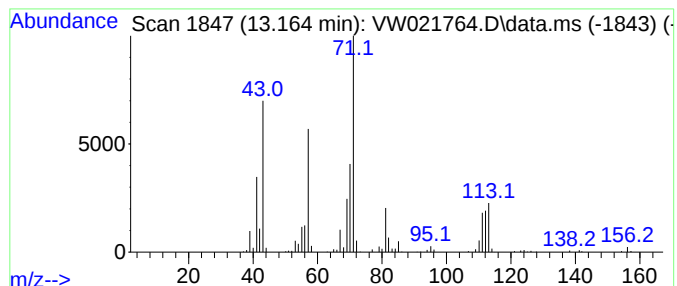
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.164	14.25 ug/L	240879	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	72
2	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	59
3	Heptane, 2,5,5-trimethyl-		142	C10H22	001189-99-7	53
4	Propanoic acid, 2-methyl-, 2-met...		158	C9H18O2	002445-69-4	50
5	1,1-Dimethylpropyl 2-ethylhexanoate		214	C13H26O2	1000099-99-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
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Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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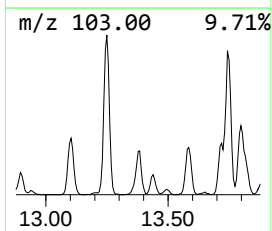
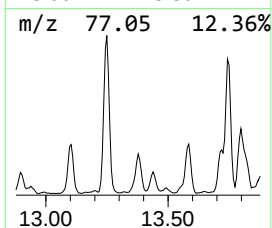
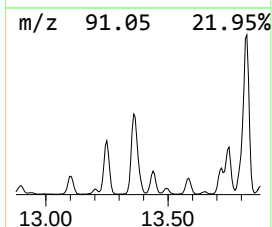
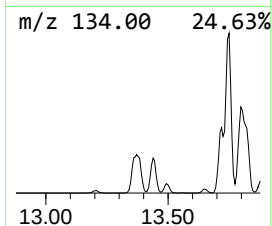
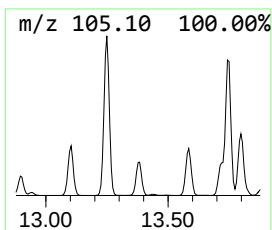
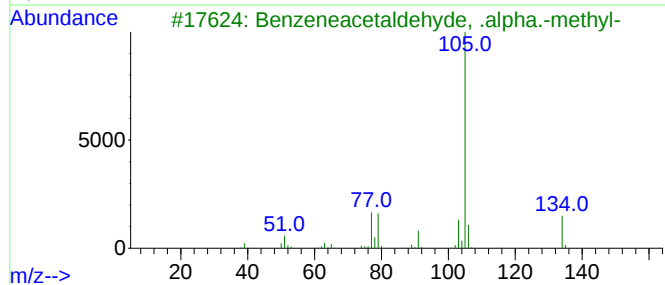
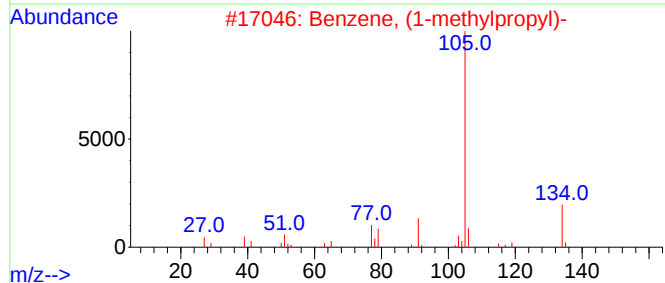
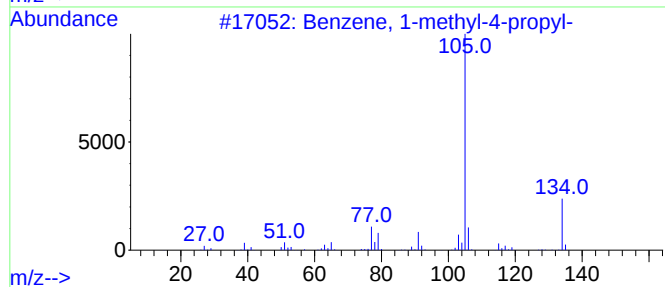
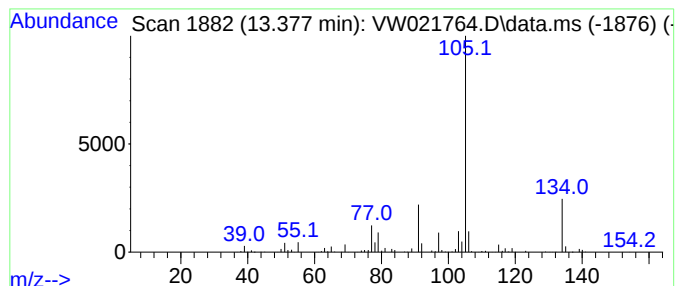
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	27.28 ug/L	461037	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81
4			2-Tolyloxirane	134	C9H10O	002783-26-8	81
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

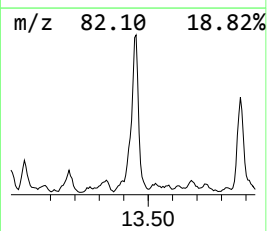
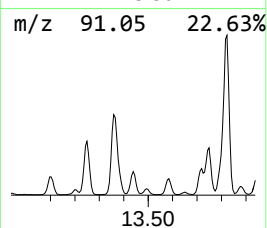
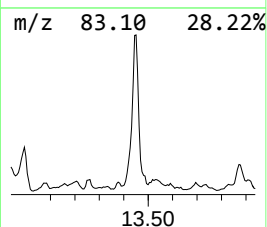
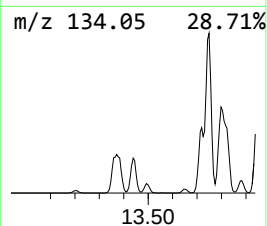
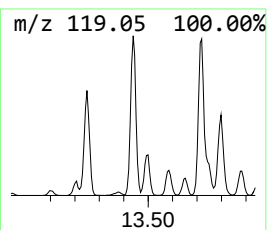
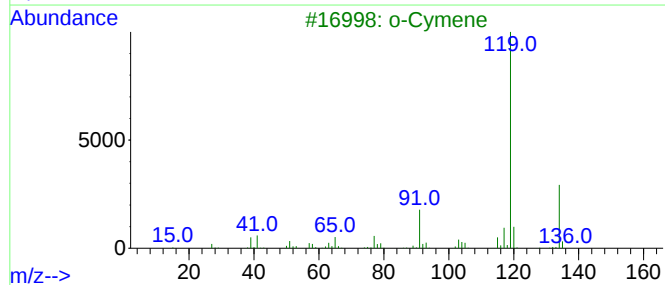
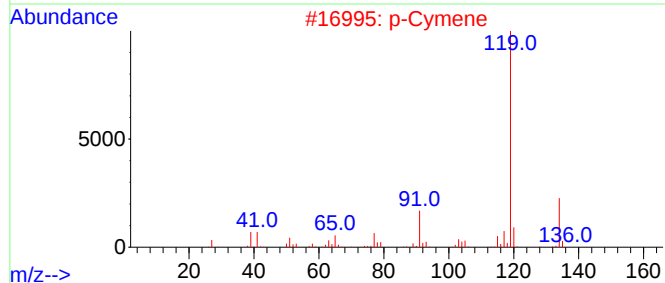
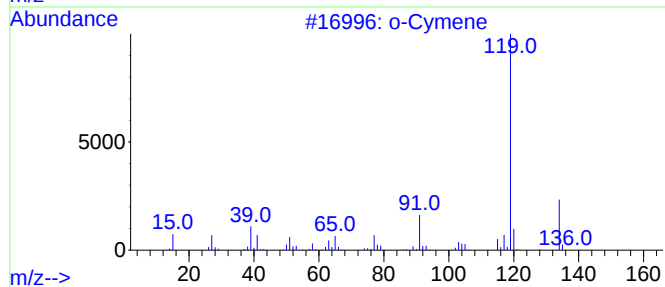
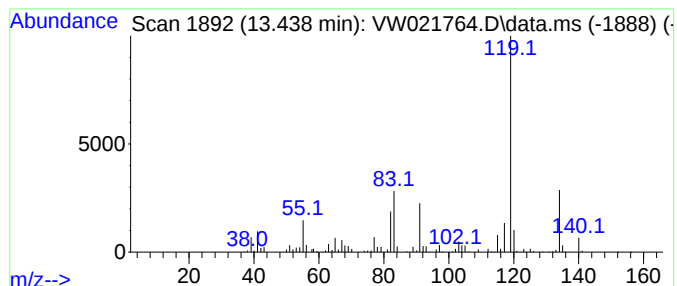
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Quant Title : SFAM01.0

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

Peak Number 40 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	26.76 ug/L	452342	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			p-Cymene	134	C10H14	000099-87-6	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			p-Cymene	134	C10H14	000099-87-6	93
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

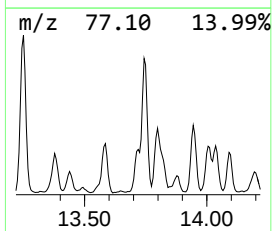
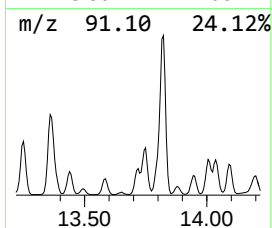
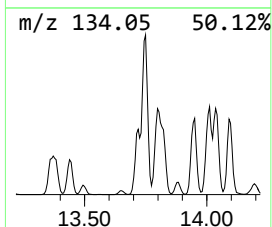
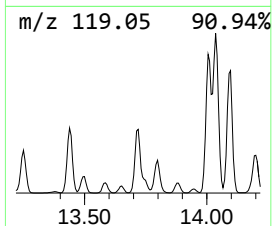
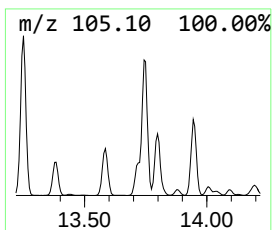
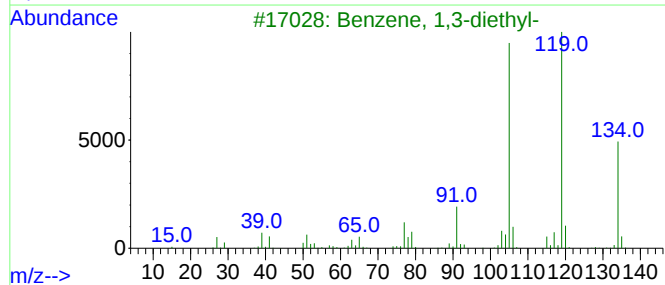
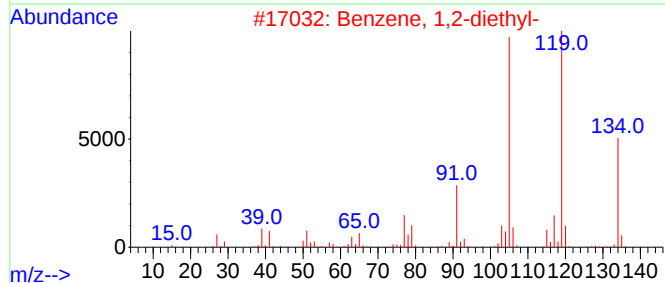
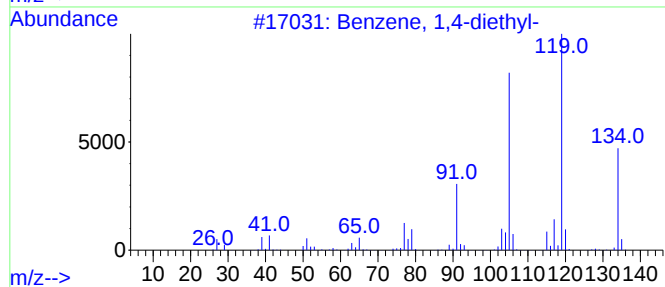
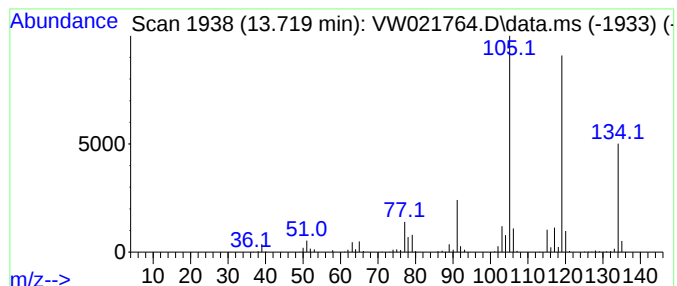
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Quant Title : SFAM01.0

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

Peak Number 41 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	27.12 ug/L	458469	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
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\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

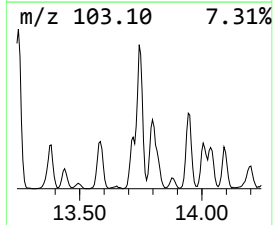
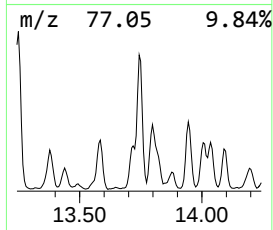
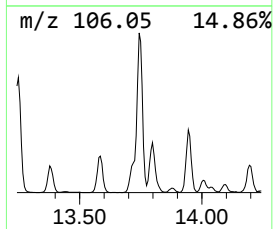
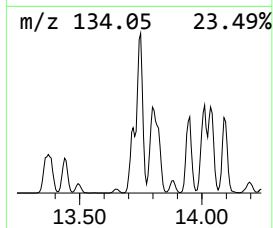
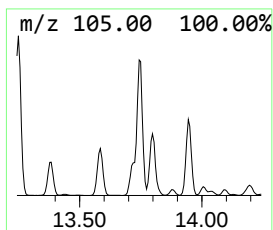
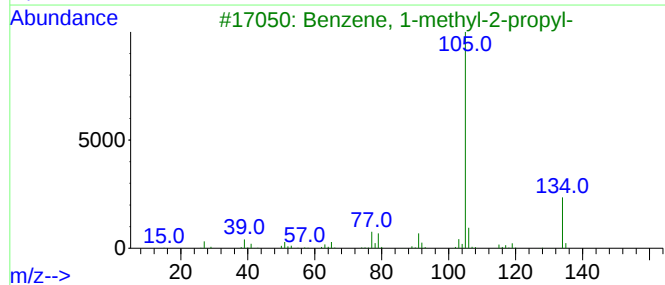
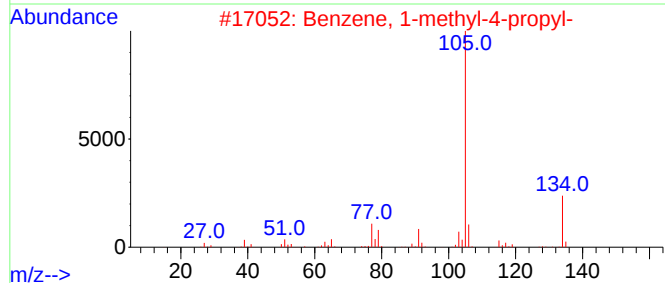
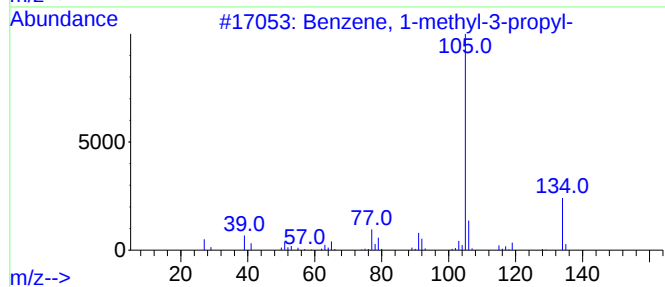
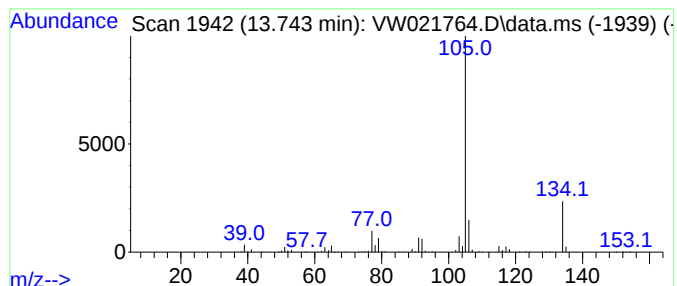
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	76.79 ug/L	1298020	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

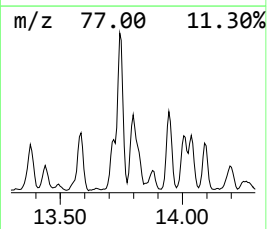
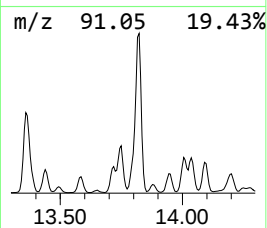
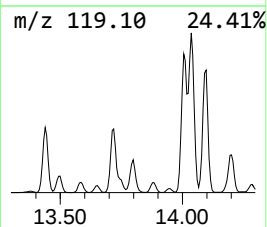
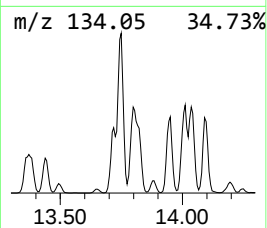
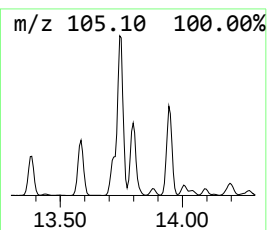
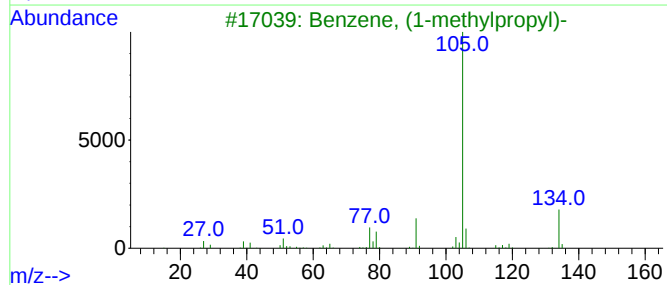
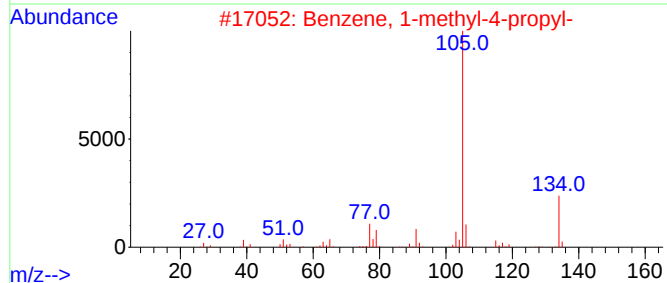
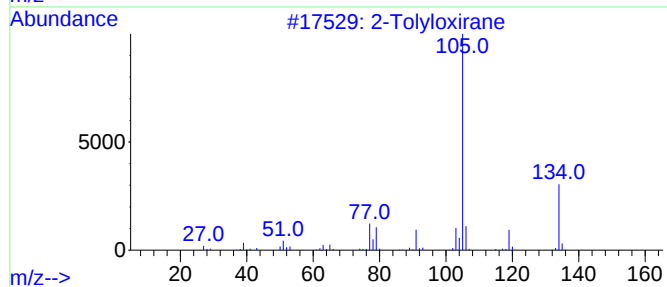
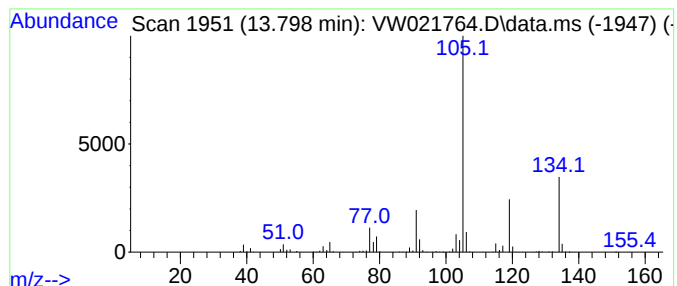
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Quant Title : SFAM01.0

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

Peak Number 43 2-Tolyloxirane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	38.08 ug/L	643681	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Tolyloxirane	134	C9H10O	002783-26-8	81
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	62
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

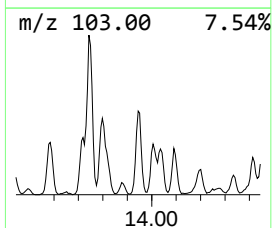
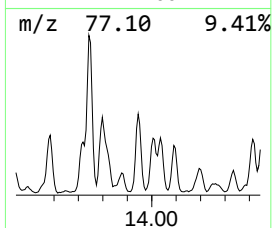
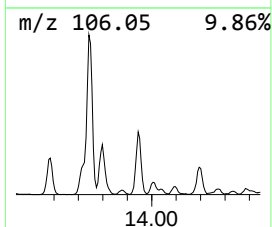
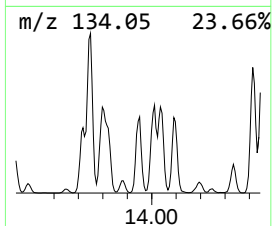
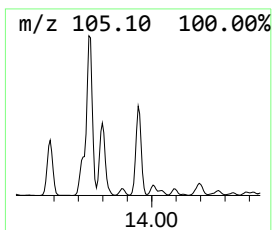
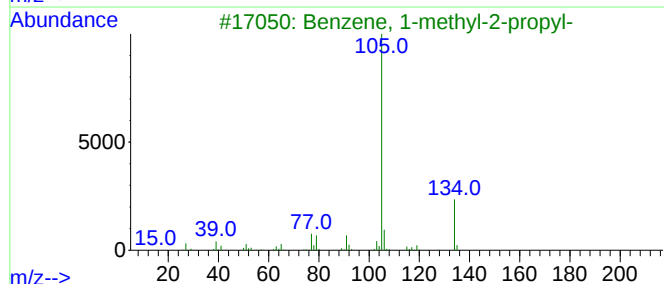
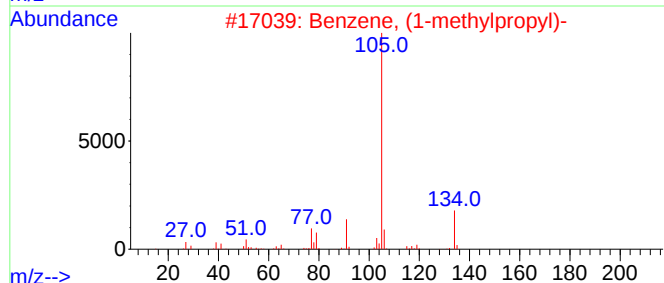
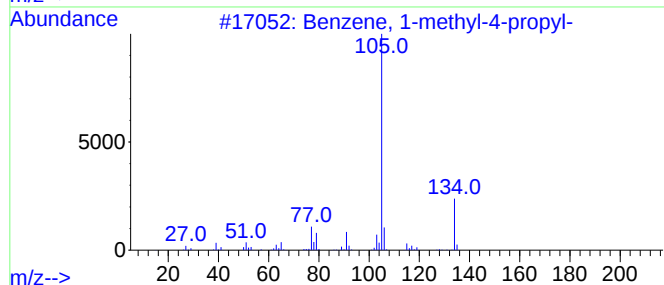
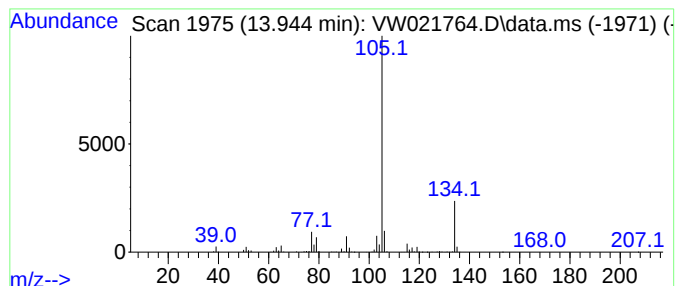
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Quant Title : SFAM01.0

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

Peak Number 44 Benzene, (1-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	33.38 ug/L	564206	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

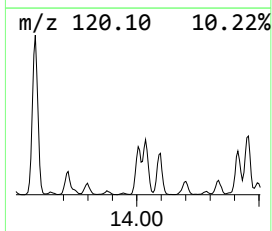
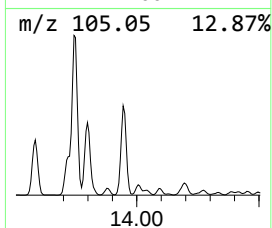
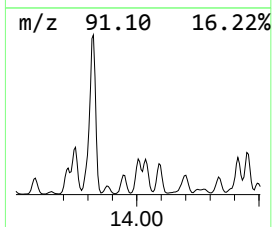
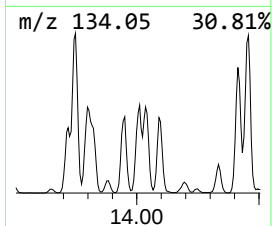
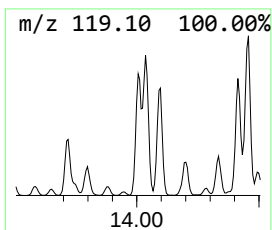
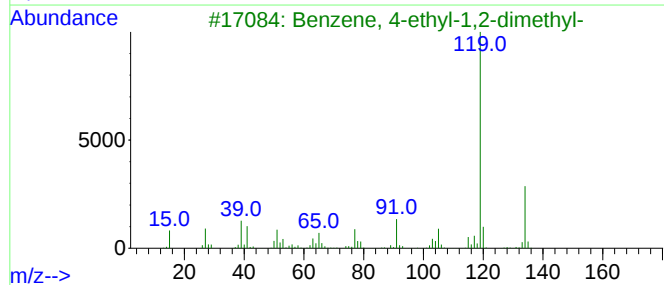
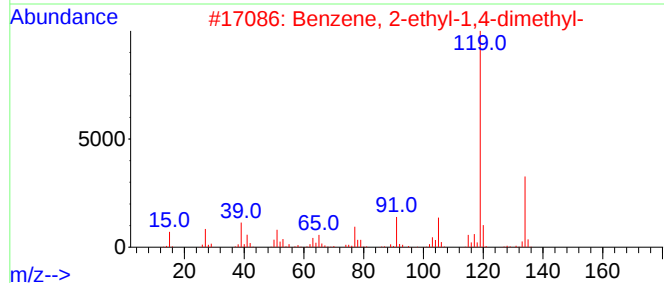
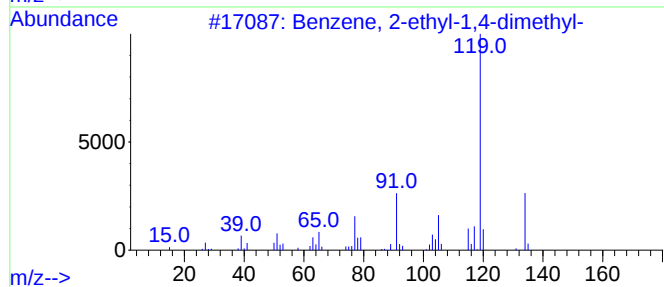
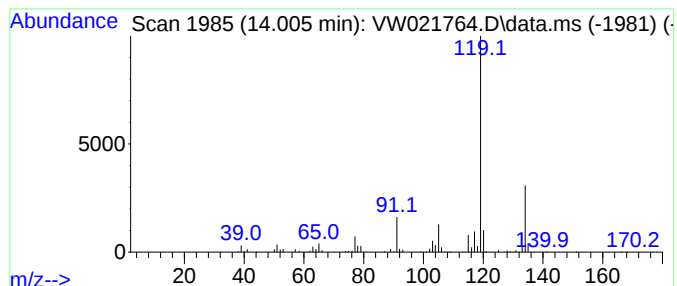
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Quant Title : SFAM01.0

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

Peak Number 45 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	43.65 ug/L	737732	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

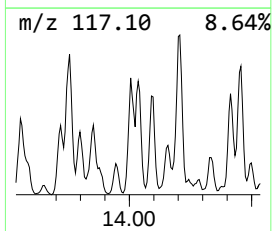
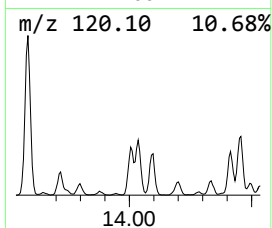
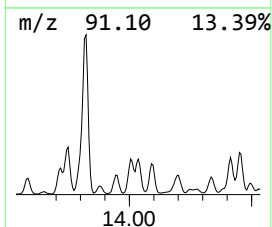
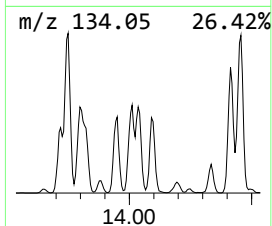
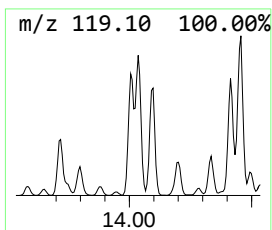
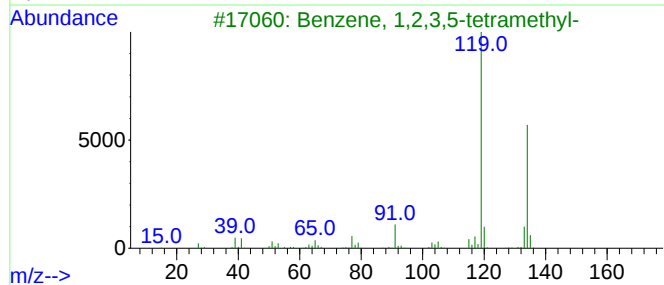
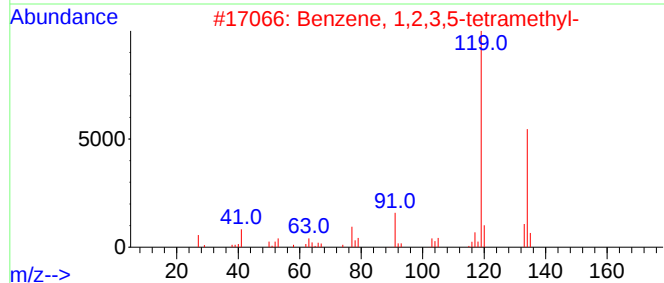
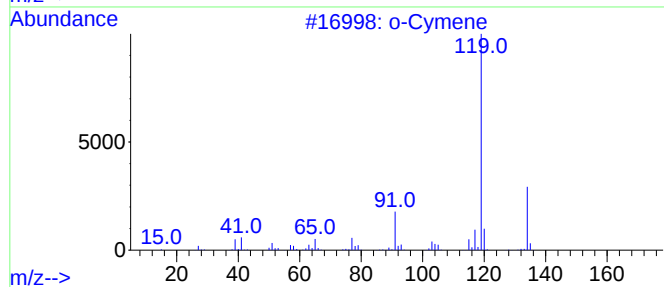
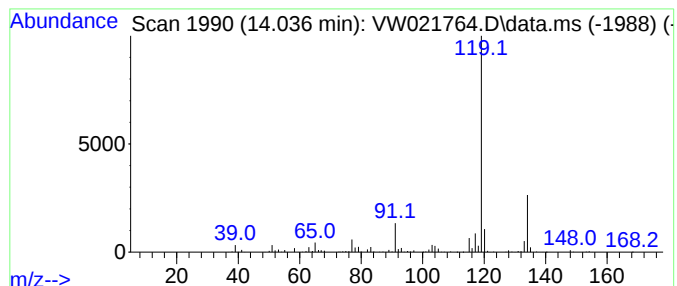
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Quant Title : SFAM01.0

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

Peak Number 46 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	37.69 ug/L	637004	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

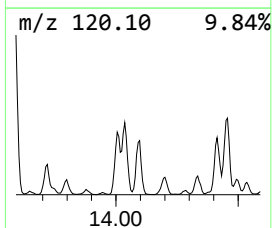
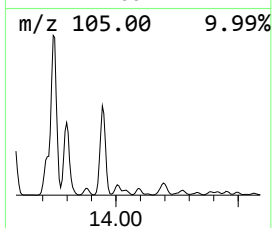
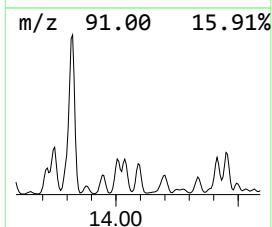
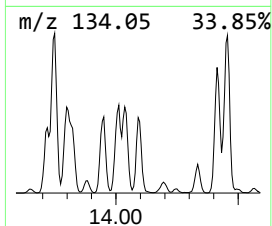
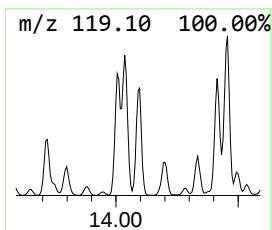
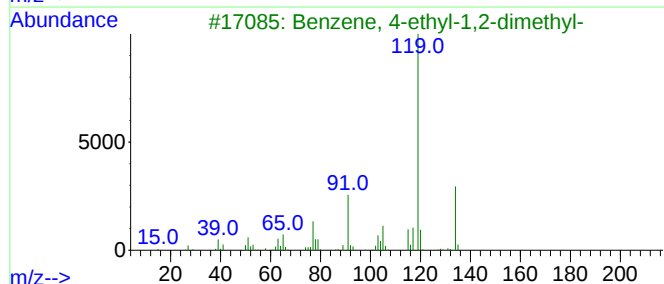
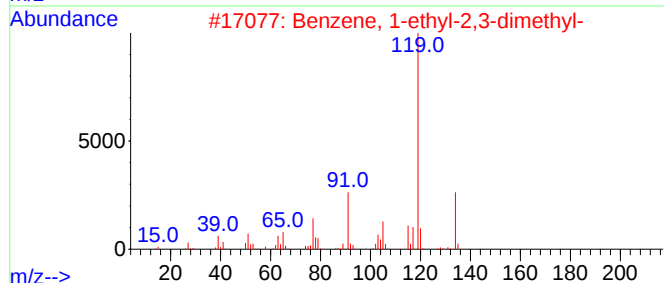
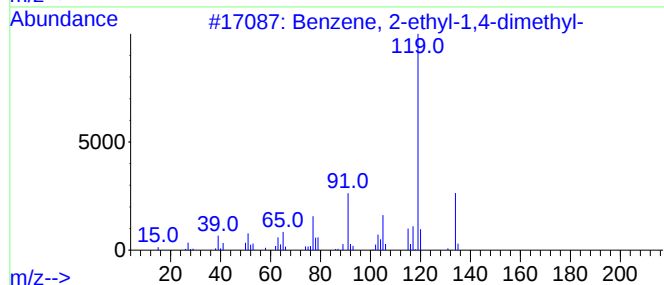
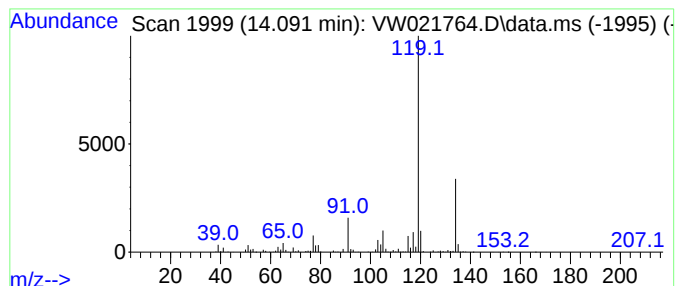
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Quant Title : SFAM01.0

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

Peak Number 47 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	35.22 ug/L	595229	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

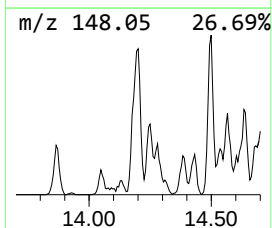
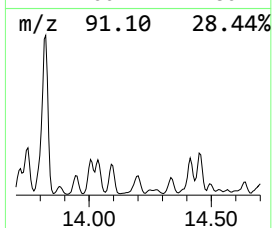
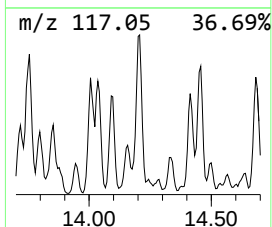
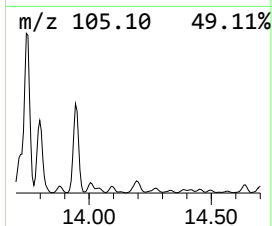
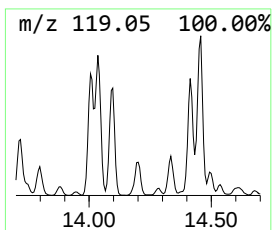
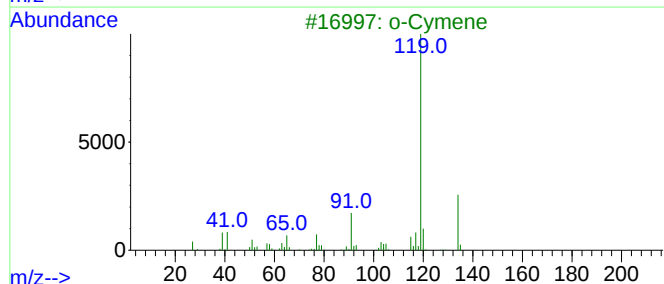
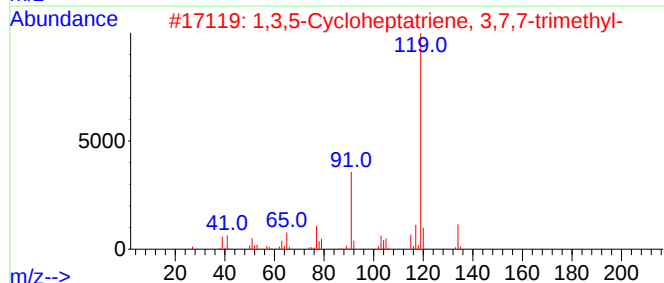
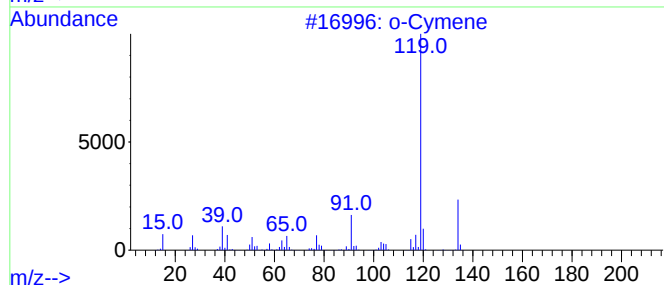
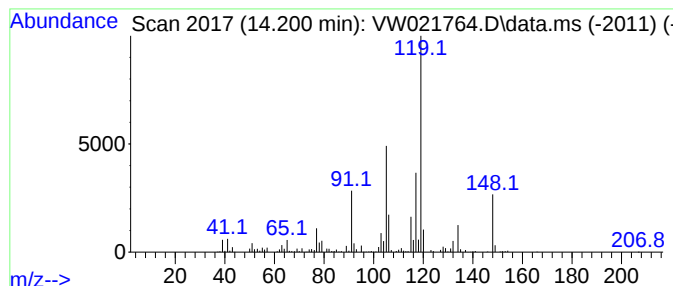
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Quant Title : SFAM01.0

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

Peak Number 48 1,3,5-Cycloheptatriene, 3,7... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	22.75 ug/L	384511	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	64
2			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	64
3			o-Cymene	134	C10H14	000527-84-4	64
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

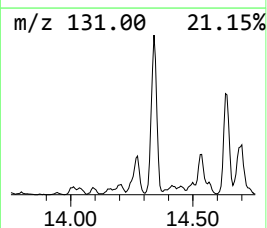
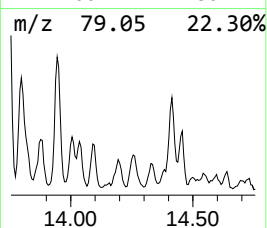
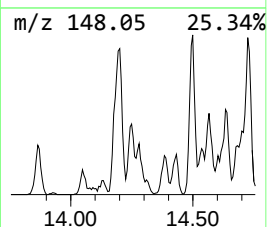
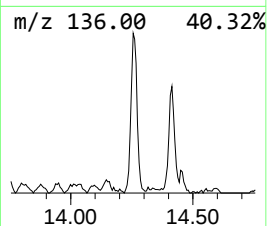
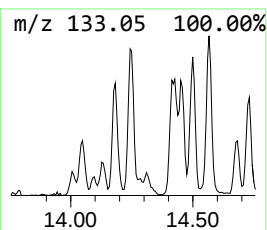
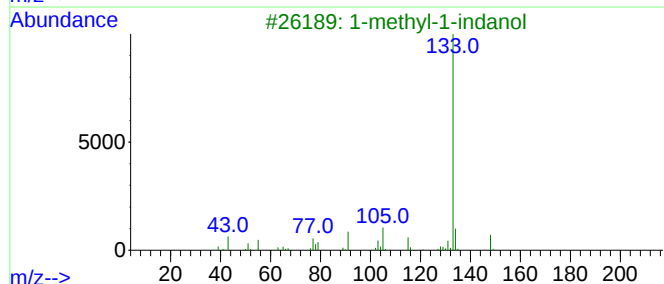
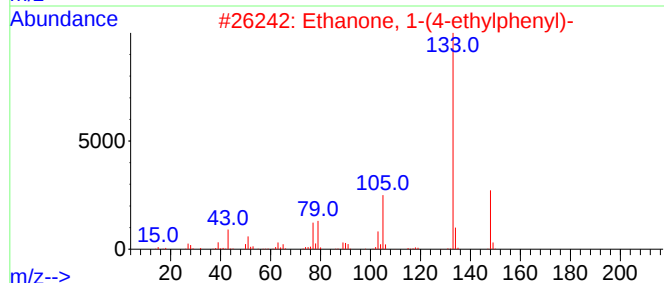
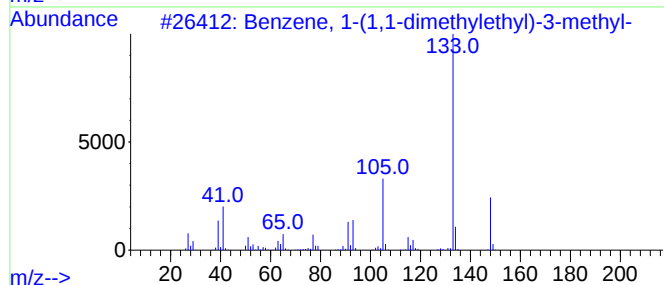
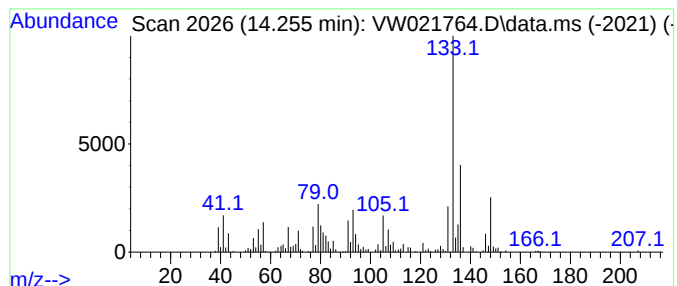
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Quant Title : SFAM01.0

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

Peak Number 49 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	13.38 ug/L	226201	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43
2			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	38
3			1-methyl-1-indanol	148	C10H12O	064666-42-8	32
4			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	27
5			4-Ethylbenzoic acid, 2-ethylcycl...	260	C17H24O2	1000293-32-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

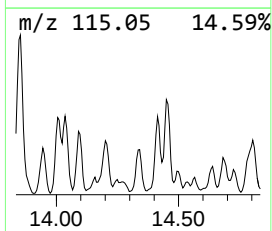
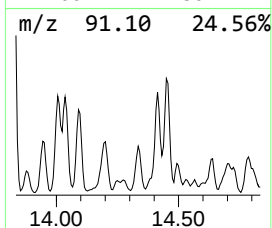
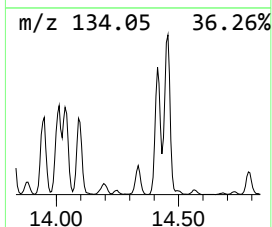
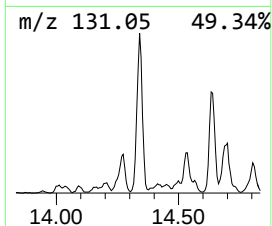
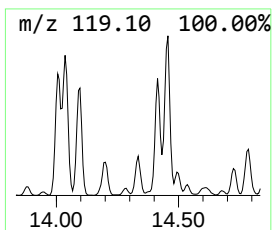
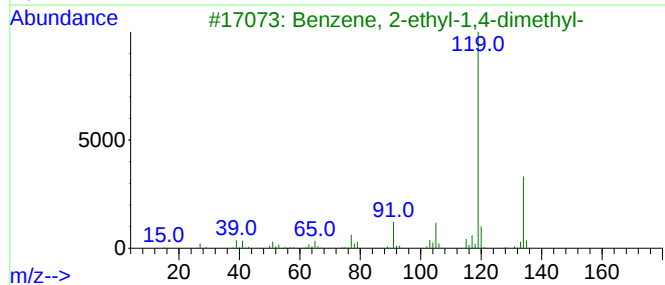
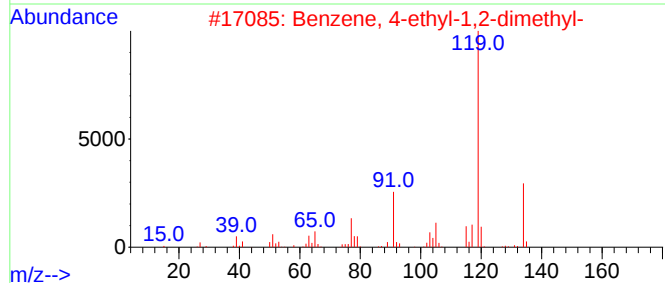
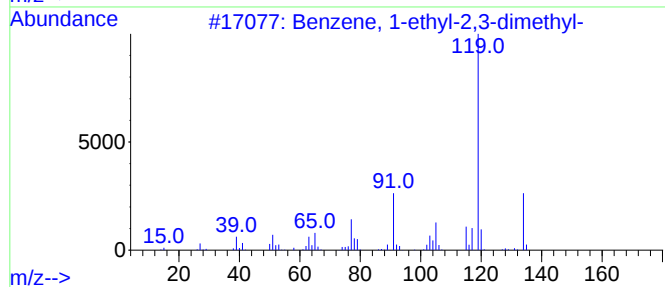
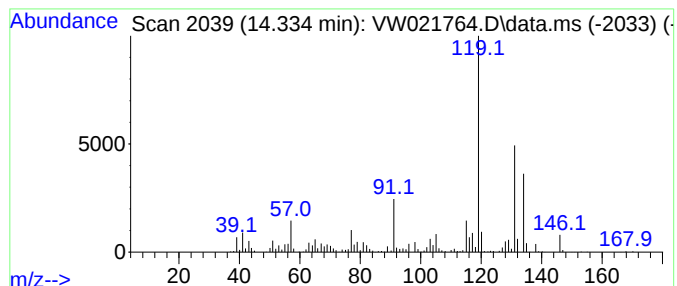
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Quant Title : SFAM01.0

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

Peak Number 50 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	26.56 ug/L	448933	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

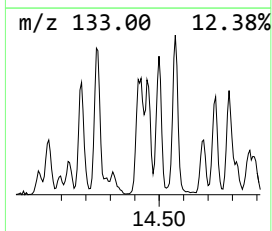
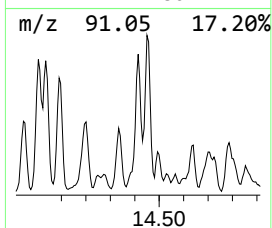
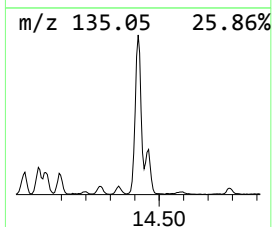
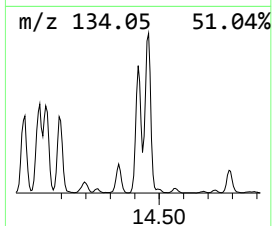
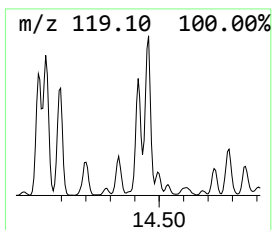
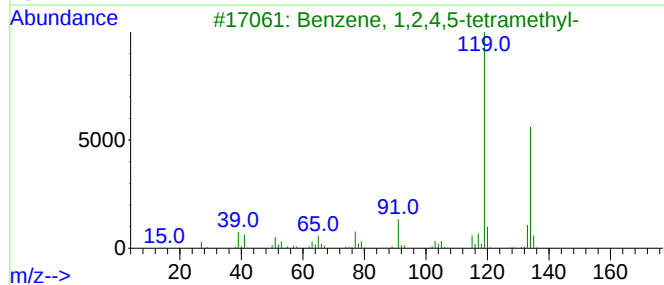
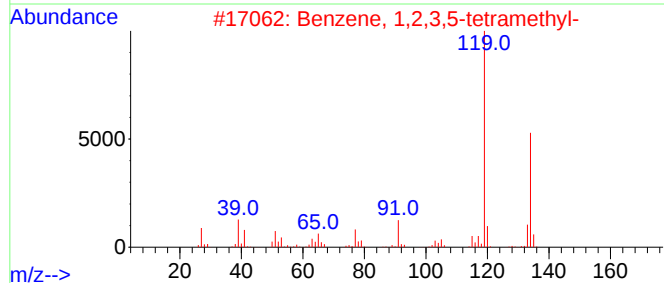
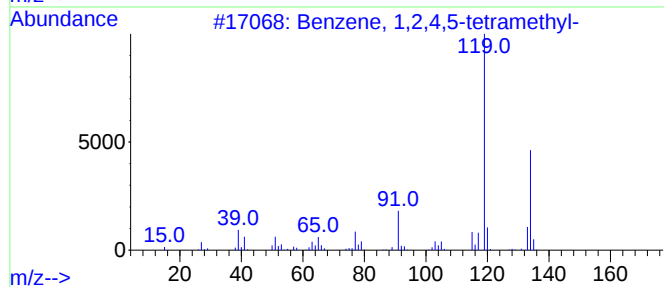
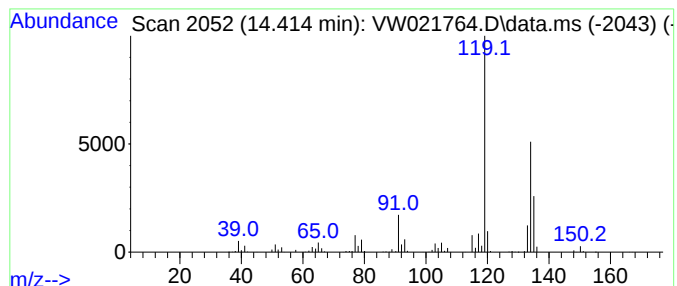
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Quant Title : SFAM01.0

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

Peak Number 51 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	56.96 ug/L	962725	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

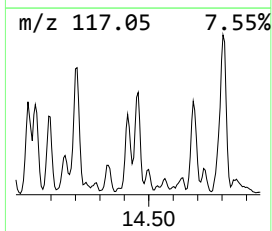
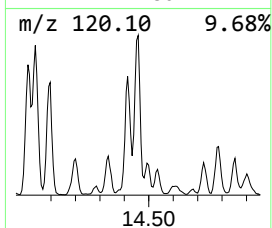
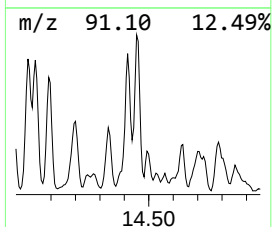
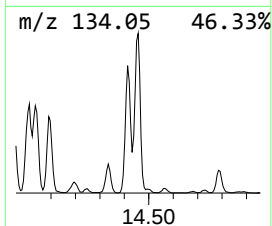
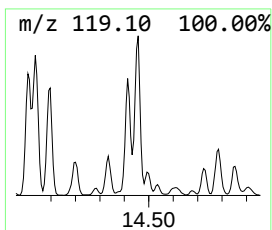
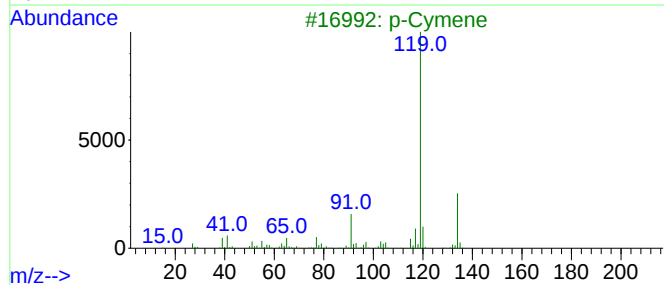
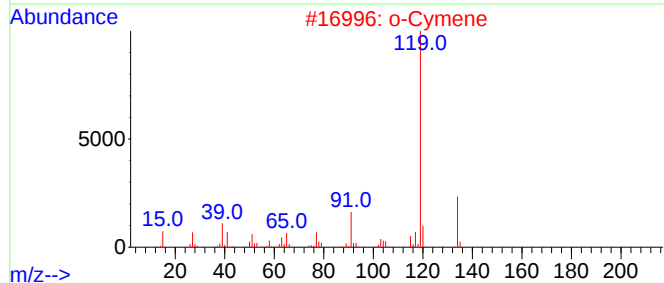
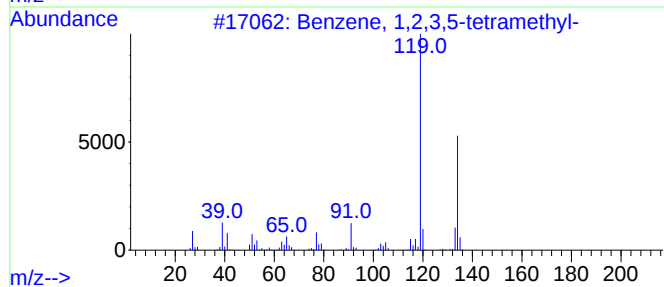
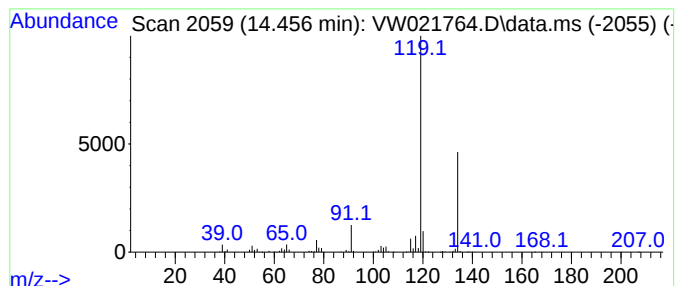
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Quant Title : SFAM01.0

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

Peak Number 52 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	48.10 ug/L	813077	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2			o-Cymene	134	C10H14	000527-84-4	91
3			p-Cymene	134	C10H14	000099-87-6	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

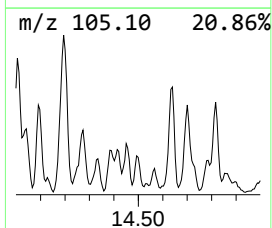
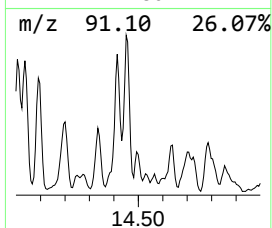
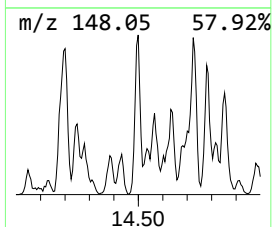
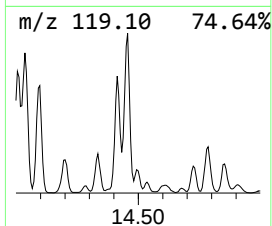
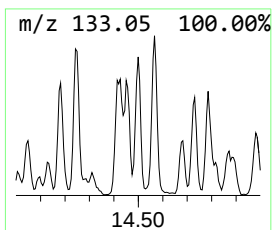
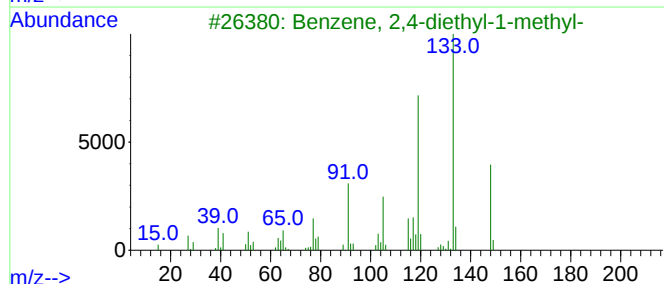
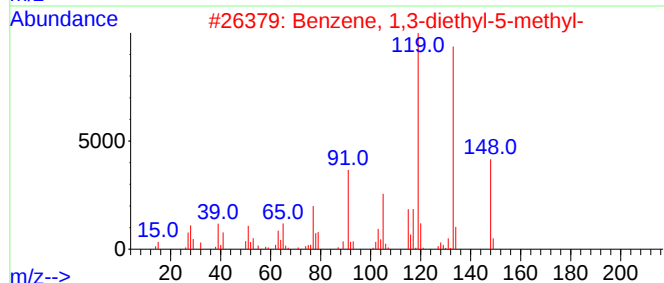
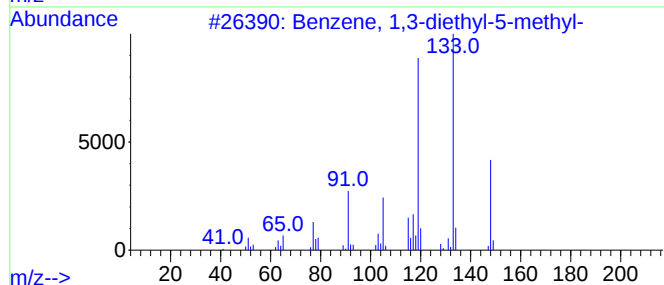
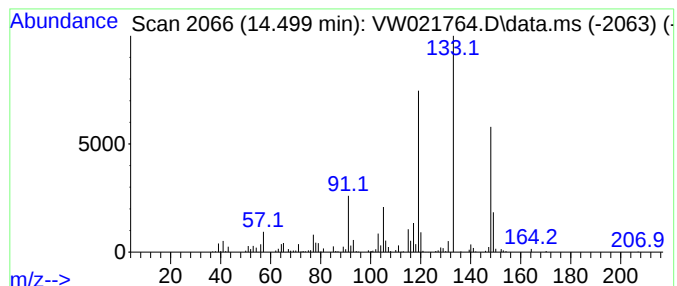
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Quant Title : SFAM01.0

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

Peak Number 53 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	7.11 ug/L	120234	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
4			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	70
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

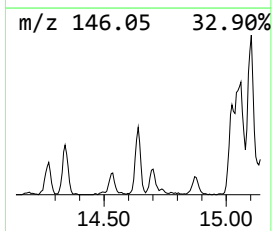
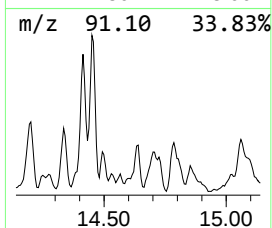
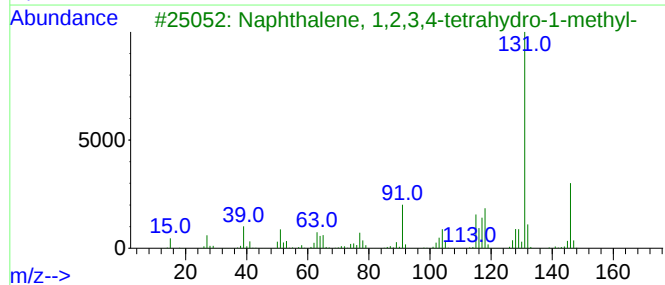
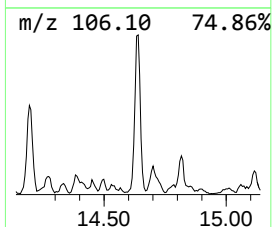
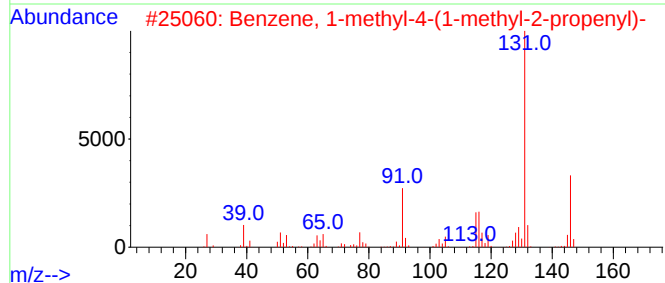
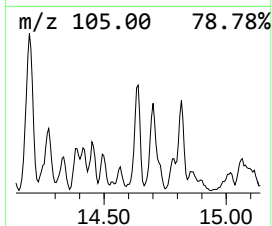
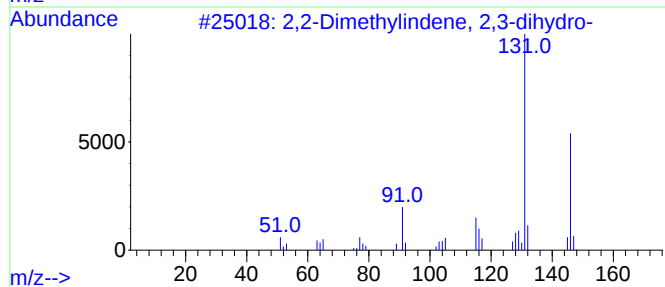
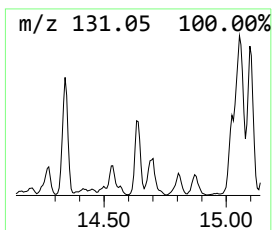
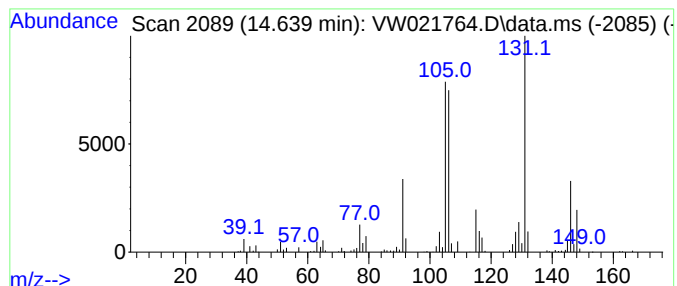
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Quant Title : SFAM01.0

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

Peak Number 54 2,2-Dimethylindene, 2,3-dih... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	9.47 ug/L	160075	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
2			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5			Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

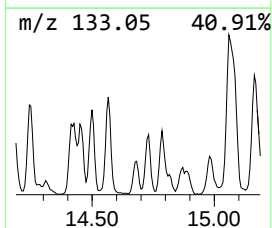
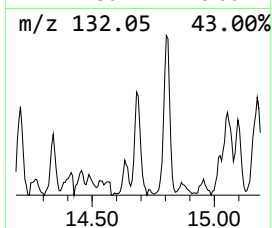
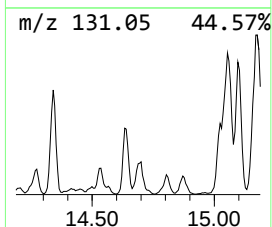
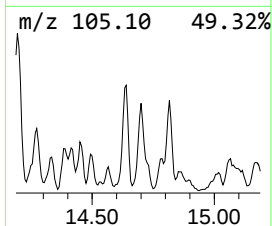
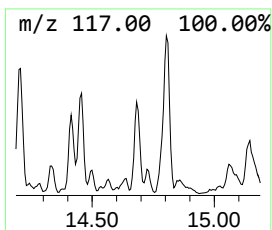
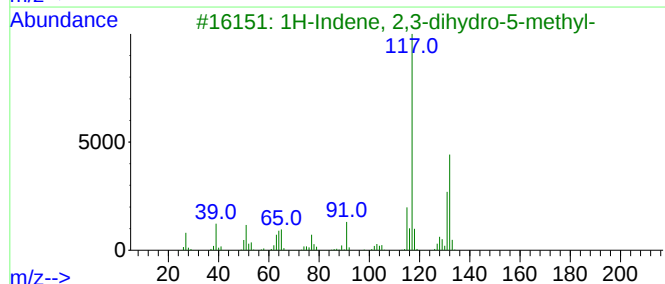
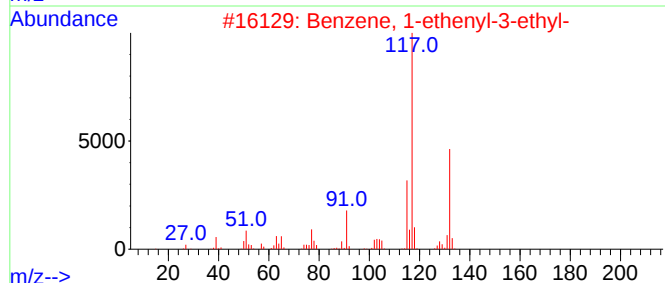
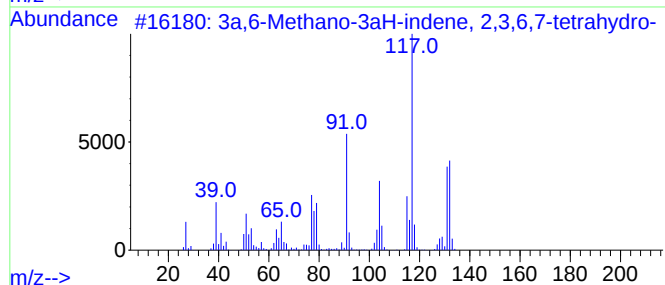
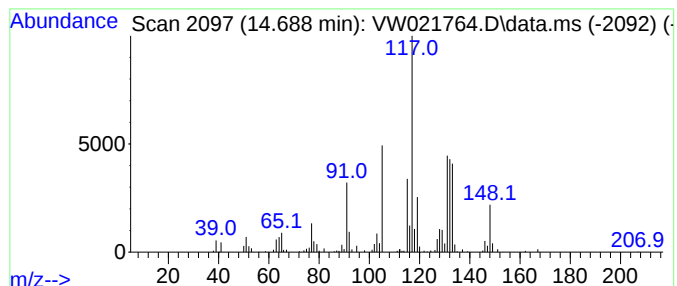
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Quant Title : SFAM01.0

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

Peak Number 55 3a,6-Methano-3aH-indene, 2,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	9.36 ug/L	158259	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	62
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	53
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	49
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

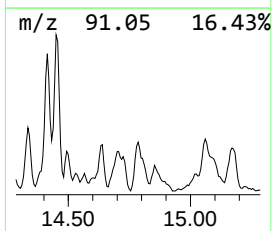
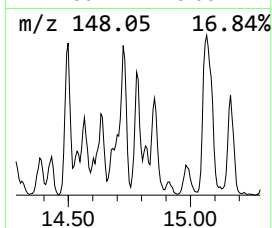
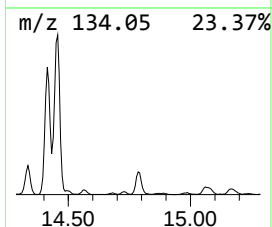
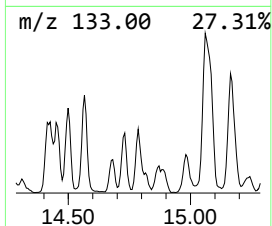
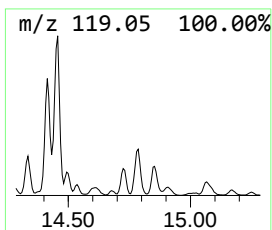
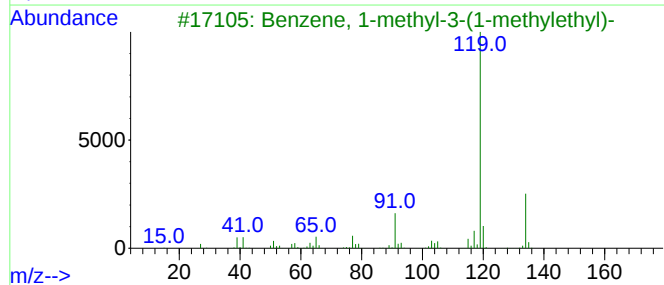
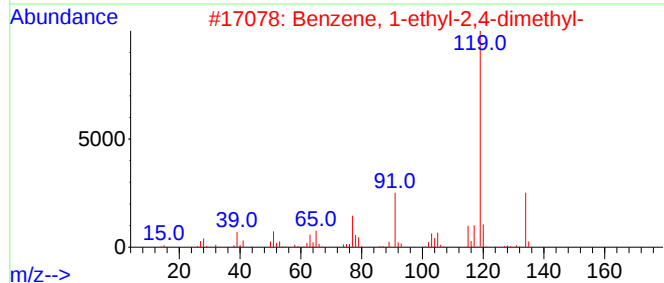
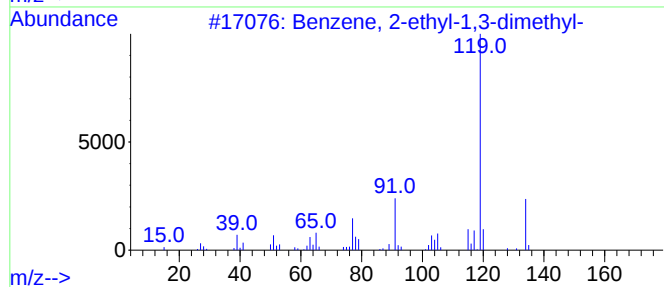
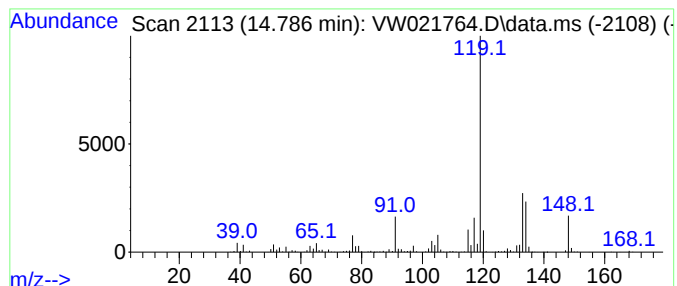
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Quant Title : SFAM01.0

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

Peak Number 56 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	32.20 ug/L	544271	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	81
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	81
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

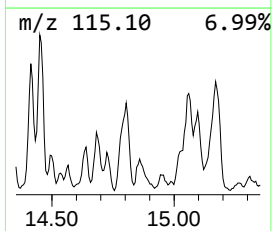
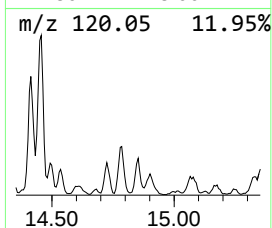
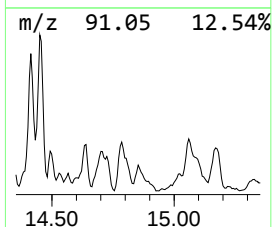
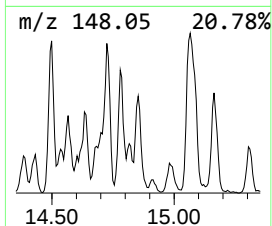
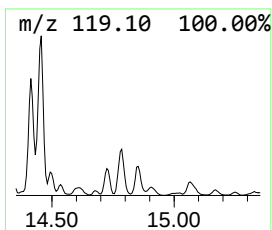
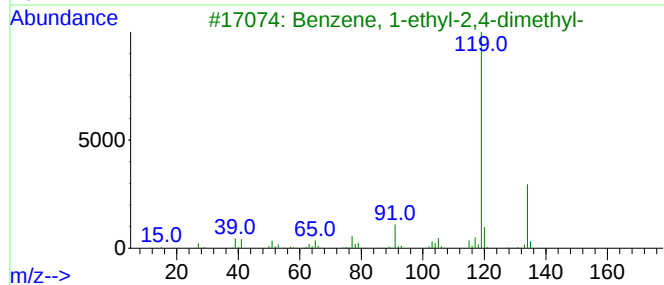
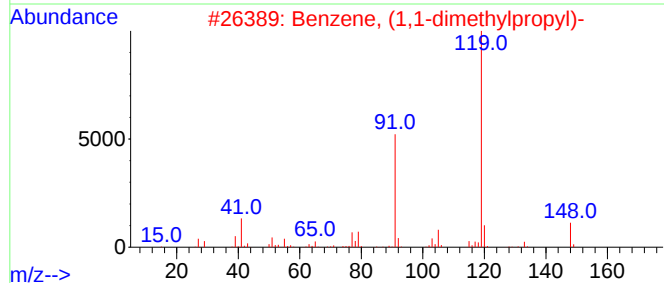
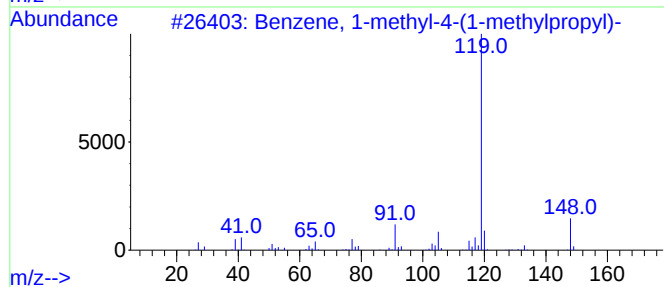
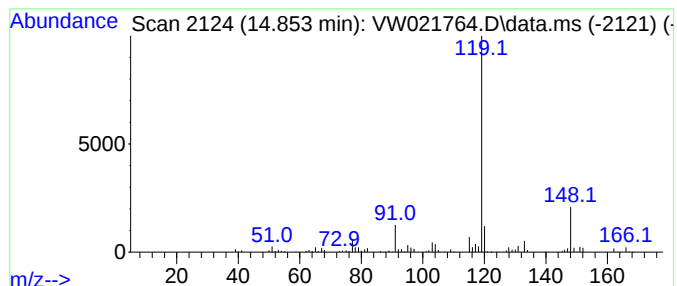
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Quant Title : SFAM01.0

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

Peak Number 57 Benzene, 1-methyl-4-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	9.35 ug/L	158027	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

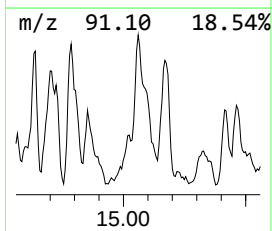
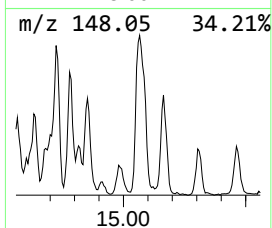
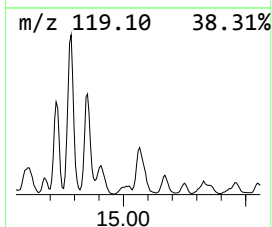
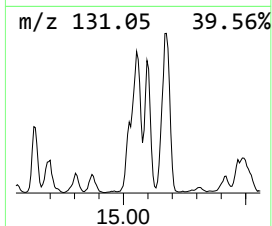
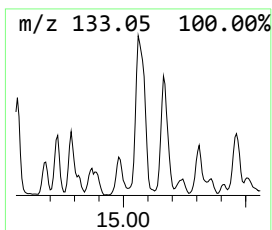
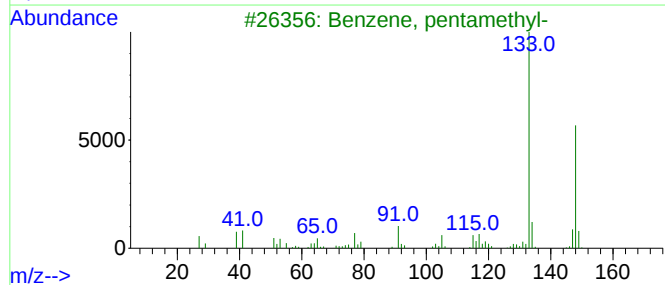
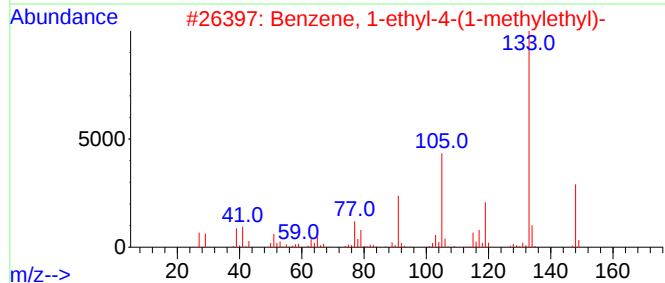
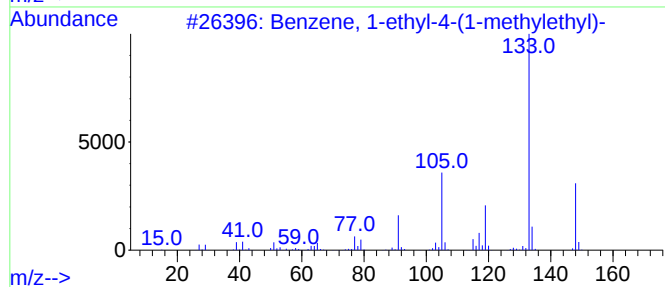
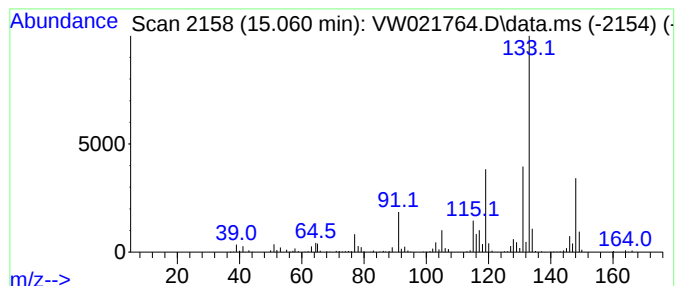
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Quant Title : SFAM01.0

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

Peak Number 58 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	18.68 ug/L	315692	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

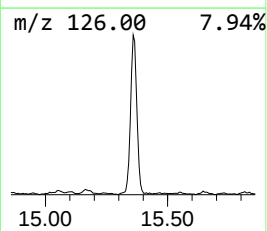
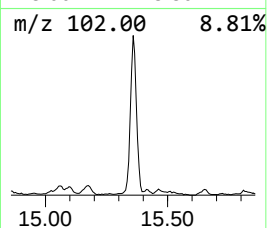
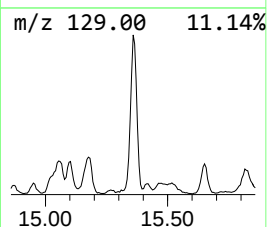
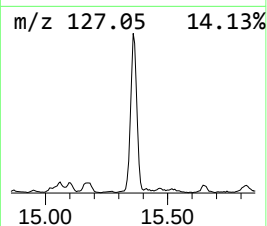
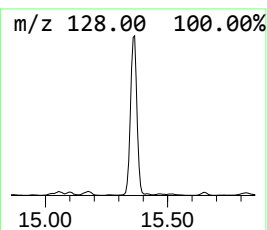
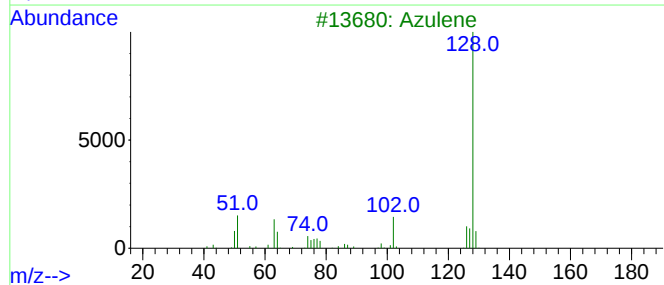
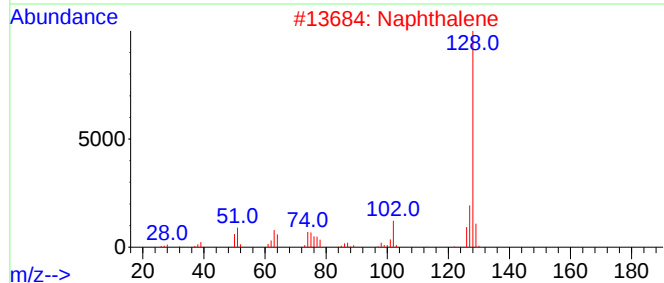
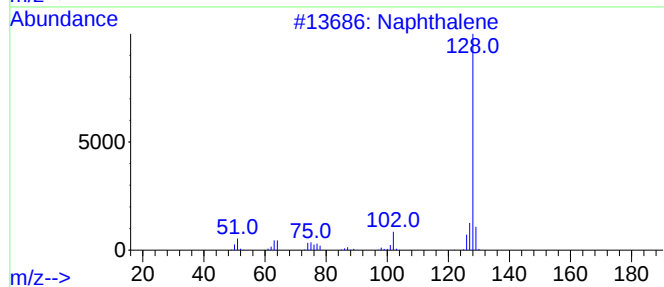
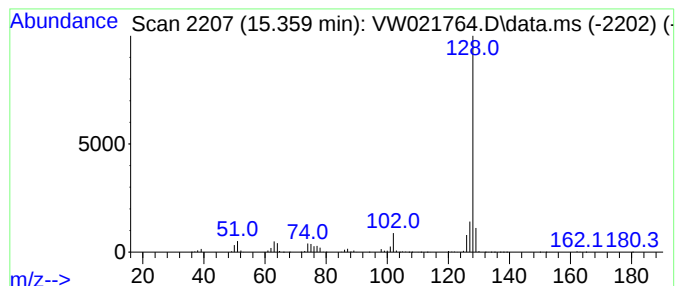
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Quant Title : SFAM01.0

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

Peak Number 60 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	50.78 ug/L	858294	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

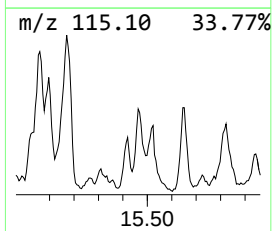
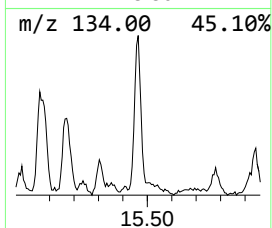
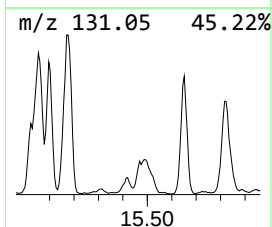
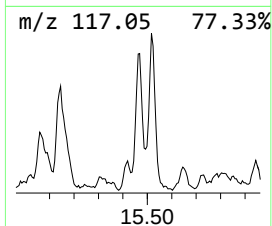
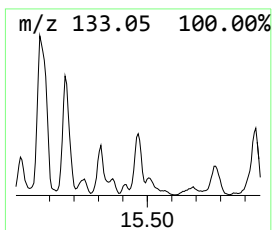
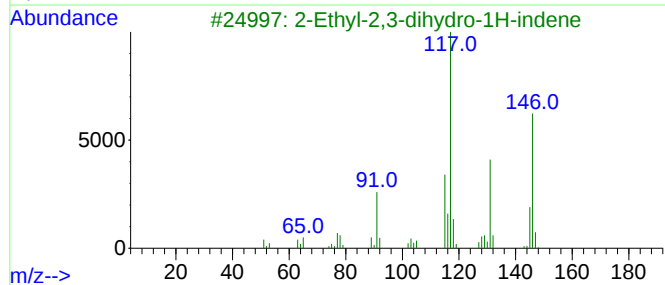
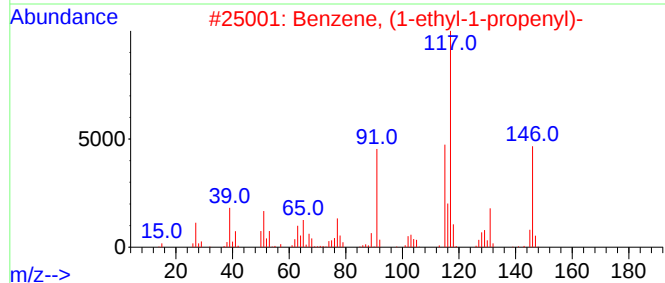
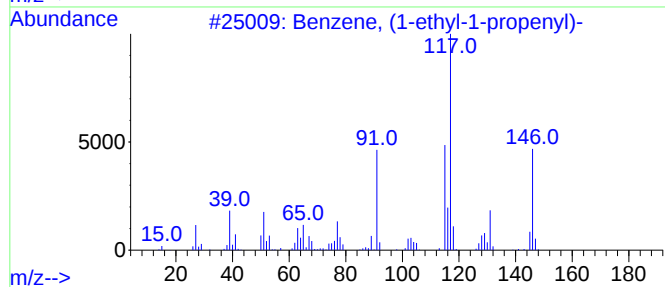
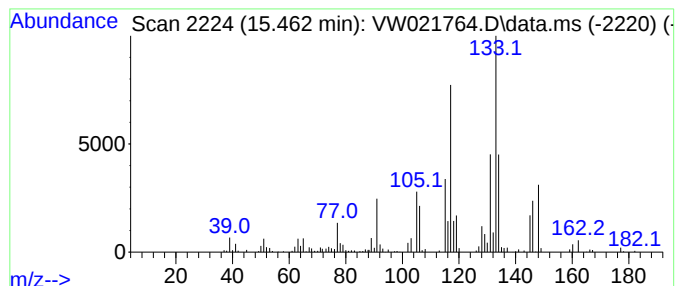
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 unknown-02

Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	9.88 ug/L	166977	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38
2			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	30
3			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	30
4			1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	30
5			1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

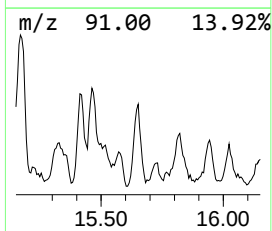
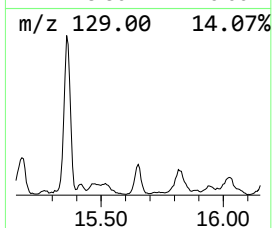
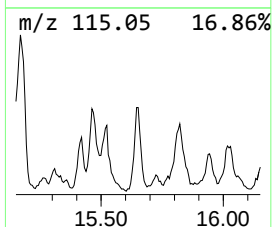
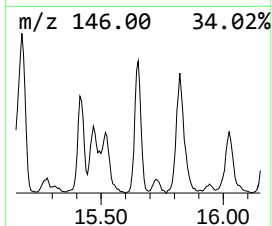
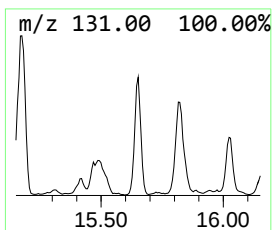
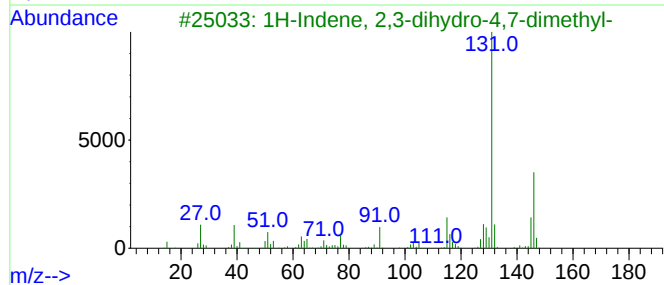
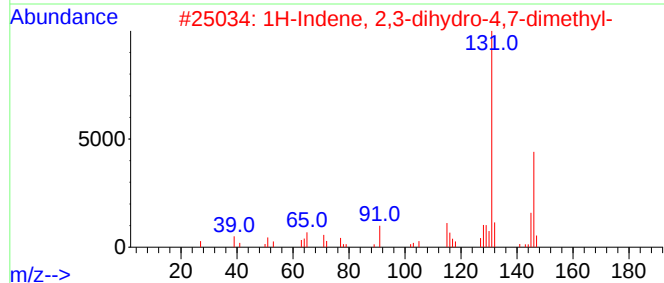
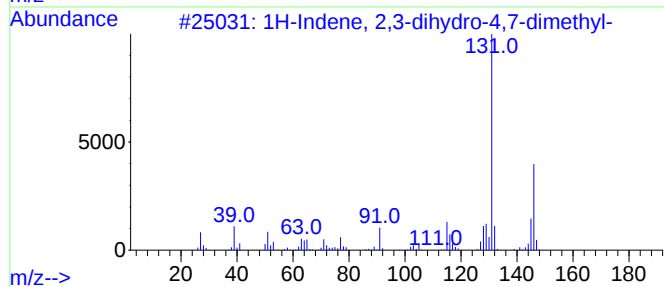
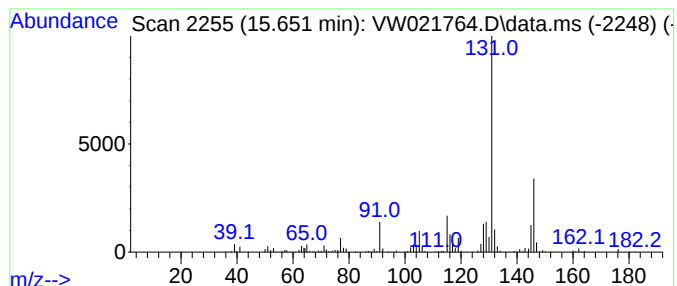
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Quant Title : SFAM01.0

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

Peak Number 63 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	15.58 ug/L	263289	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

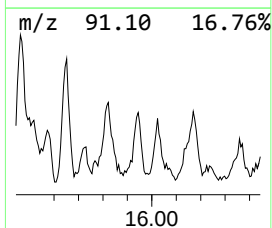
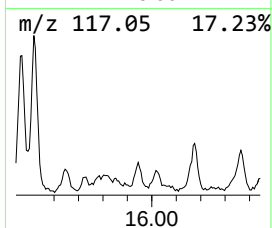
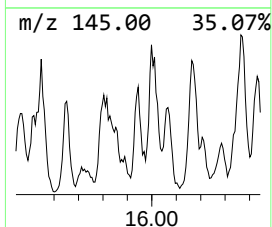
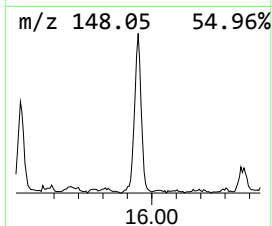
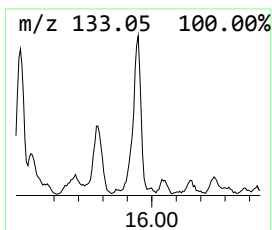
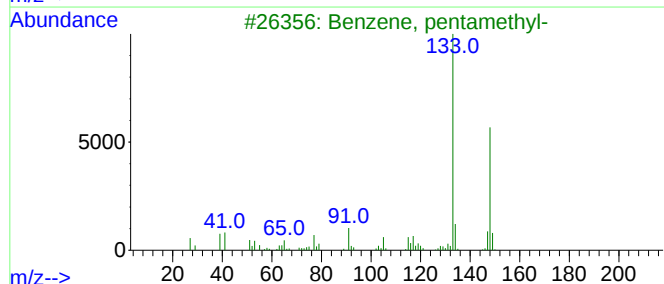
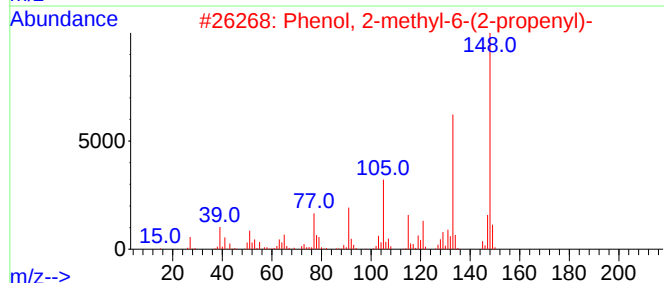
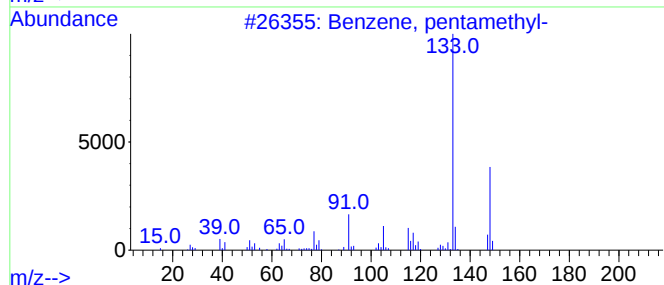
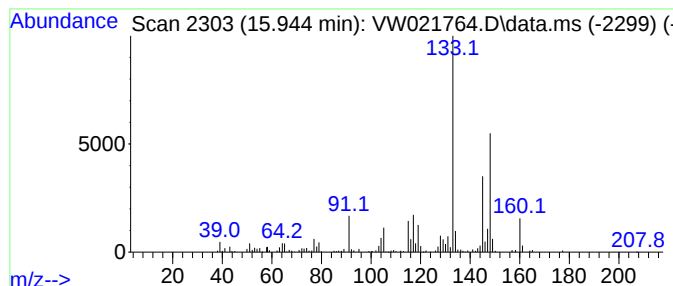
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Quant Title : SFAM01.0

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

Peak Number 64 Benzene, pentamethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	7.27 ug/L	122898	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	68
2			Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	64
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

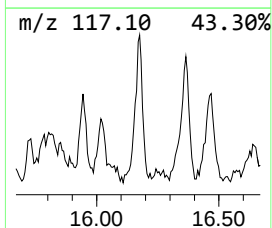
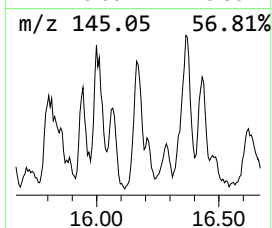
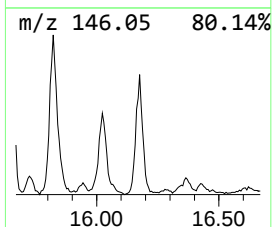
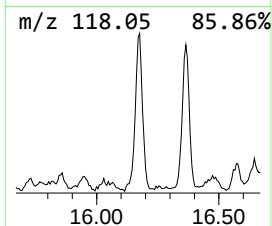
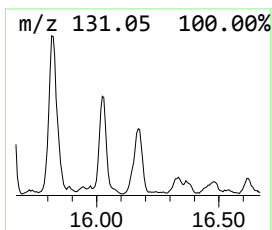
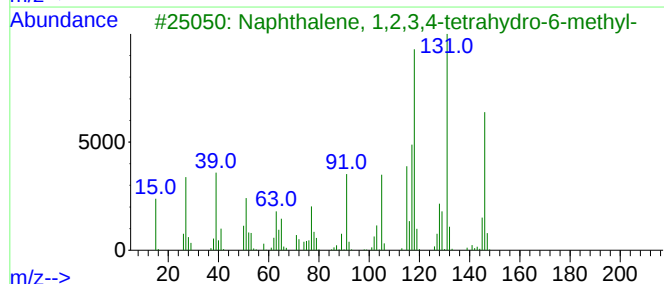
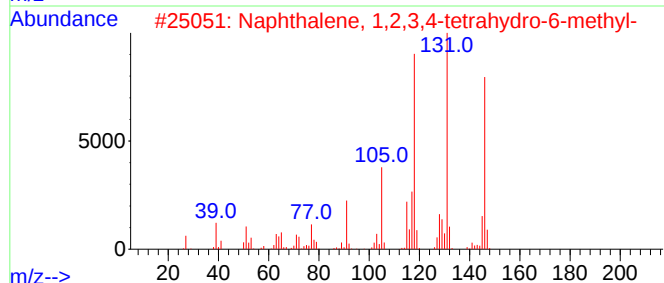
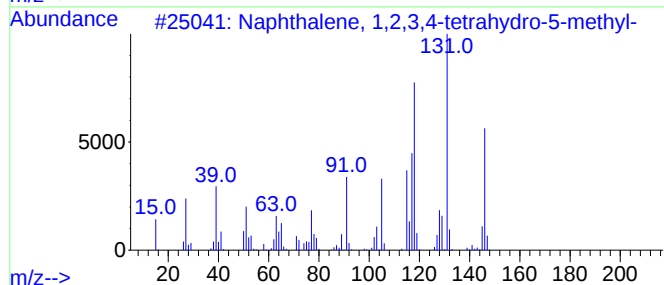
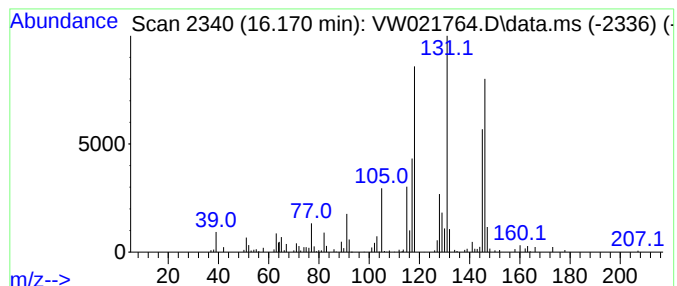
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Quant Title : SFAM01.0

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

Peak Number 65 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	9.05 ug/L	152902	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

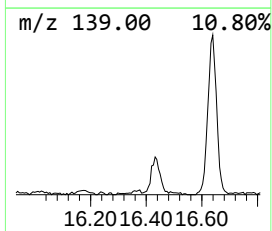
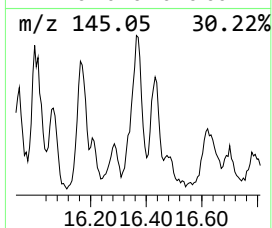
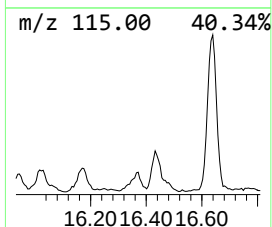
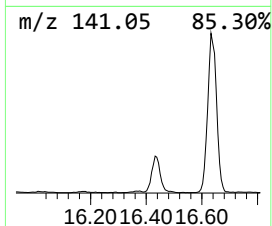
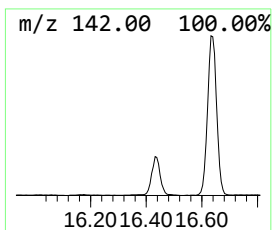
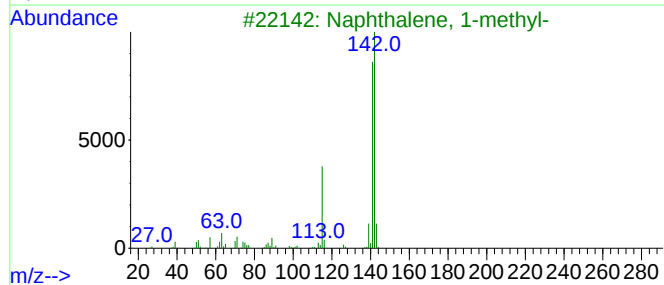
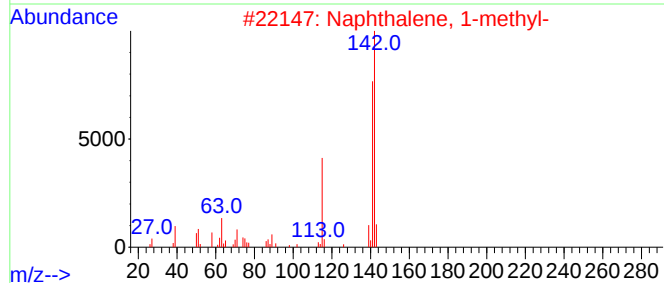
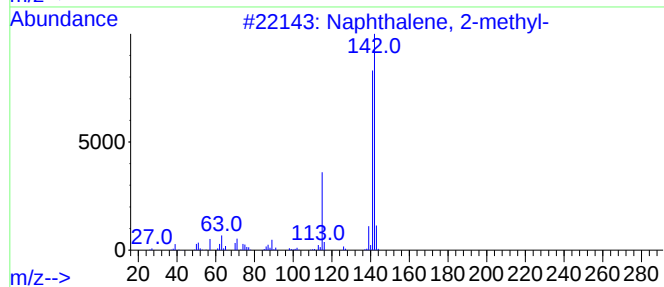
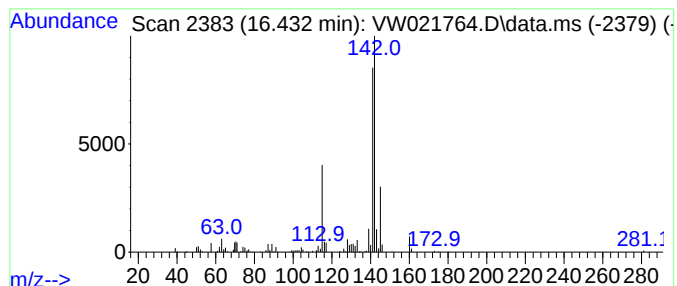
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Quant Title : SFAM01.0

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

Peak Number 66 Naphthalene, 2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	6.22 ug/L	105145	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5			Benzocycloheptatriene	142	C11H10	000264-09-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021764.D
Acq On : 06 Jan 2022 17:56
Operator : SY/VA
Sample : N1025-05
Misc : 6.97g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

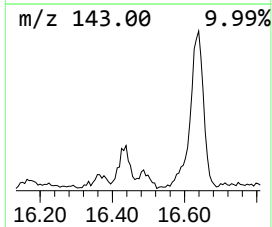
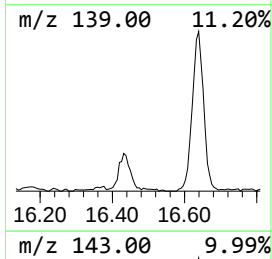
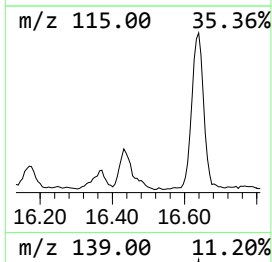
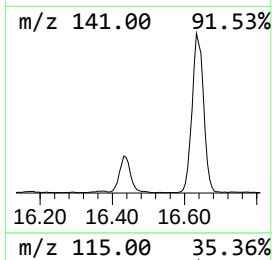
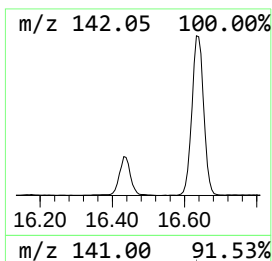
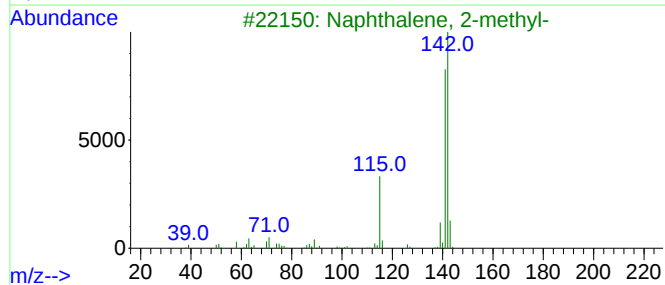
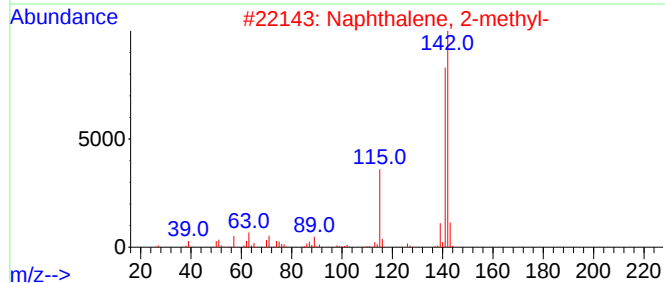
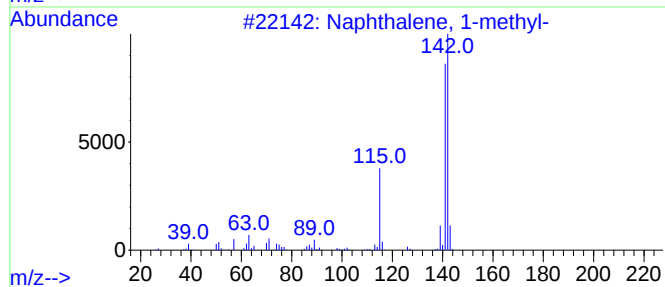
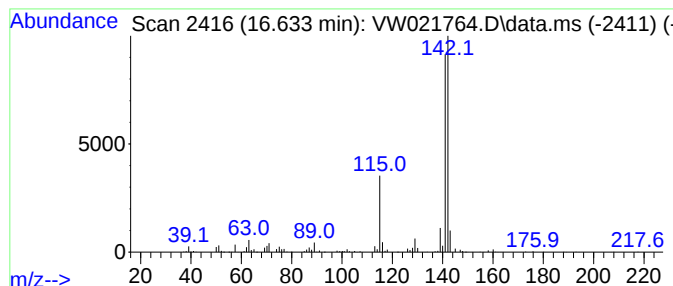
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Quant Title : SFAM01.0

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

Peak Number 67 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	33.46 ug/L	565623	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Benzocycloheptatriene	142	C11H10	000264-09-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
 Data File : VW021764.D
 Acq On : 06 Jan 2022 17:56
 Operator : SY/VA
 Sample : N1025-05
 Misc : 6.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLG9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	4.946	2.9	ug/L	47032	1	8.842	406585	25.0
(DEL) Alkane: S...	5.434	1.3	ug/L	20386	1	8.842	406585	25.0
(DEL) Alkane: S...	5.940	6.5	ug/L	104922	1	8.842	406585	25.0
(DEL) Alkane: S...	6.879	1.7	ug/L	27731	1	8.842	406585	25.0
(DEL) Alkane: S...	7.927	5.4	ug/L	87409	1	8.842	406585	25.0
(DEL) Alkane: S...	8.031	5.5	ug/L	89649	1	8.842	406585	25.0
(DEL) Alkane: S...	8.159	7.4	ug/L	120361	1	8.842	406585	25.0
(DEL) Alkane: C...	8.433	4.0	ug/L	64292	1	8.842	406585	25.0
(DEL) Alkane: C...	8.579	2.6	ug/L	42575	1	8.842	406585	25.0
(DEL) Alkane: S...	8.695	3.0	ug/L	49271	1	8.842	406585	25.0
(DEL) Alkane: S...	9.073	16.9	ug/L	274923	1	8.842	406585	25.0
(DEL) Alkane: C...	9.518	1.9	ug/L	30468	1	8.842	406585	25.0
(DEL) Alkane: S...	9.756	2.9	ug/L	47377	1	8.842	406585	25.0
(DEL) Alkane: S...	9.896	5.0	ug/L	80516	1	8.842	406585	25.0
(DEL) Alkane: S...	9.957	4.4	ug/L	71011	1	8.842	406585	25.0
(DEL) Alkane: S...	10.098	6.5	ug/L	105043	1	8.842	406585	25.0
(DEL) Alkane: C...	10.494	1.9	ug/L	39284	2	11.628	511131	25.0
(DEL) Alkane: C...	10.664	2.1	ug/L	43205	2	11.628	511131	25.0
(DEL) Alkane: C...	10.750	2.4	ug/L	49142	2	11.628	511131	25.0
(DEL) Alkane: S...	10.847	2.3	ug/L	47425	2	11.628	511131	25.0
(DEL) Alkane: C...	10.994	2.0	ug/L	40970	2	11.628	511131	25.0
(DEL) Alkane: C...	11.110	2.0	ug/L	41285	2	11.628	511131	25.0
(DEL) Alkane: C...	11.183	3.5	ug/L	71773	2	11.628	511131	25.0
(DEL) Alkane: C...	11.231	2.2	ug/L	44524	2	11.628	511131	25.0
(DEL) Alkane: S...	11.335	3.2	ug/L	64898	2	11.628	511131	25.0
(DEL) Alkane: S...	11.408	18.3	ug/L	373266	2	11.628	511131	25.0
(DEL) Alkane: S...	11.512	13.2	ug/L	270562	2	11.628	511131	25.0
(DEL) Alkane: C...	11.914	5.9	ug/L	120259	2	11.628	511131	25.0
(DEL) Alkane: S...	12.060	4.3	ug/L	87941	2	11.628	511131	25.0
(DEL) Alkane: S...	12.249	8.2	ug/L	168115	2	11.628	511131	25.0
Pentalene, octa...	12.335	19.1	ug/L	389866	2	11.628	511131	25.0
Benzene, propyl-	12.798	29.2	ug/L	493981	3	13.554	422565	25.0
(DEL) Alkane: S...	12.859	6.7	ug/L	112643	3	13.554	422565	25.0
Benzene, 1-ethy...	13.103	44.4	ug/L	750529	3	13.554	422565	25.0
(DEL) Alkane: S...	13.164	14.3	ug/L	240879	3	13.554	422565	25.0
Benzene, 1-meth...	13.377	27.3	ug/L	461037	3	13.554	422565	25.0
o-Cymene	13.438	26.8	ug/L	452342	3	13.554	422565	25.0
Benzene, 1,4-di...	13.719	27.1	ug/L	458469	3	13.554	422565	25.0
Benzene, 1-meth...	13.743	76.8	ug/L	1298020	3	13.554	422565	25.0
2-Tolyloxirane	13.798	38.1	ug/L	643681	3	13.554	422565	25.0
Benzene, (1-met...	13.944	33.4	ug/L	564206	3	13.554	422565	25.0
Benzene, 2-ethy...	14.005	43.6	ug/L	737732	3	13.554	422565	25.0
Benzene, 1,2,3,...	14.036	37.7	ug/L	637004	3	13.554	422565	25.0
Benzene, 1-ethy...	14.091	35.2	ug/L	595229	3	13.554	422565	25.0
1,3,5-Cyclohept...	14.200	22.8	ug/L	384511	3	13.554	422565	25.0
unknown-01	14.255	13.4	ug/L	226201	3	13.554	422565	25.0
Benzene, 4-ethy...	14.335	26.6	ug/L	448933	3	13.554	422565	25.0
Benzene, 1,2,4,...	14.414	57.0	ug/L	962725	3	13.554	422565	25.0
Benzene, 1,2,3,...	14.456	48.1	ug/L	813077	3	13.554	422565	25.0
Benzene, 1,3-di...	14.499	7.1	ug/L	120234	3	13.554	422565	25.0
2,2-Dimethylind...	14.639	9.5	ug/L	160075	3	13.554	422565	25.0
3a,6-Methano-3a...	14.688	9.4	ug/L	158259	3	13.554	422565	25.0

Benzene, 2-ethy...	14.786	32.2	ug/L	544271	3	13.554	422565	25.0
Benzene, 1-meth...	14.853	9.3	ug/L	158027	3	13.554	422565	25.0
Benzene, 1-ethy...	15.060	18.7	ug/L	315692	3	13.554	422565	25.0
Azulene	15.359	50.8	ug/L	858294	3	13.554	422565	25.0
unknown-02	15.462	9.9	ug/L	166977	3	13.554	422565	25.0
1H-Indene, 2,3-...	15.651	15.6	ug/L	263289	3	13.554	422565	25.0
Benzene, pentam...	15.944	7.3	ug/L	122898	3	13.554	422565	25.0
Naphthalene, 1,...	16.169	9.1	ug/L	152902	3	13.554	422565	25.0
Naphthalene, 2-...	16.432	6.2	ug/L	105145	3	13.554	422565	25.0
Naphthalene, 1-...	16.633	33.5	ug/L	565623	3	13.554	422565	25.0

Instrument :

MSVOA_W

ClientSampleId :

BGLG9